



2019 G20 Osaka Summit Interim Compliance Report

Prepared by

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“The University of Toronto ... produced a detailed analysis to the extent of which each G20 country has met its commitments since the last summit ... I think this is important; we come to these summits, we make these commitments, we say we are going to do these things and it is important that there is an organisation that checks up on who has done what.”

— David Cameron, Prime Minister, United Kingdom, at the 2012 Los Cabos Summit

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Preface

Since the G20 leaders met at their first summit in 2008 in Washington, the G20 Research Group at the University of Toronto and the Center for International Institutions Research of the Russian Presidential Academy of National Economy and Public Administration (RANEPA), and formerly with the International Organizations Research Institute at the National Research University Higher School of Economics (HSE), in Moscow have produced reports on their progress in implementing the priority commitments made at each summit. These reports monitor each G20 member's efforts to implement a carefully chosen selection of the many commitments produced at each summit. The reports are offered to the general public and to policy makers, academics, civil society, the media and interested citizens around the world in an effort to make the work of the G20 more transparent, accessible and effective, and to provide scientific data to enable the meaningful analysis of the causes of compliance, including those that leaders can change to improve compliance and the impact of this important informal international institution. Previous reports are available at the G20 Information Centre at <http://www.g20.utoronto.ca/analysis>.

The G20 Research Group has been working with Marina Larionova's team at RANEPA and previously at HSE since initiating this G20 compliance research in 2009, after the Washington Summit in November 2008. The initial report, covering only one commitment made at that summit, tested the compliance methodology developed by the G8 Research Group and adapted it to the G20.

To make its assessments, the G20 Research Group relies on publicly available information, documentation and media reports. To ensure accuracy, comprehensiveness and integrity, we encourage comments from stakeholders. Indeed, scores can be recalibrated if new material becomes available. All feedback remains anonymous. Responsibility for the contents of this report lies exclusively with the authors and analysts of the G20 Research Group.

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Introduction and Summary

The G20 2019 Osaka Final Compliance Report is prepared by the G20 Research Group based at the University of Toronto and its Russian partner at the Center for International Institutions Research of the Russian Presidential Academy of National Economy and Public Administration (RANEPA). The report analyzes compliance by G20 members with the 19 priority commitments carefully selected from the total of 128 commitments made at the Osaka Summit hosted by Japan on 28–29 June 2019. This interim report covers relevant actions taken by the G20 members between 30 June 2019 to 10 May 2020. The final report that covers the full period between the 2019 and the 2020 summits will be released on the eve of the Riyadh Summit scheduled for 21–22 November 2020.

Methodology and Scoring System

This report draws on the methodology developed by the G7 Research Group, which has been monitoring G7/8 compliance since 1996. The International Organisations Research Institute at the Higher School of Economics (IORI HSE) joined this multi-year project in 2005. The use of this methodology builds cross-institutional and cross-member consistency and also allows compatibility with compliance assessments of other institutions.

The methodology uses a scale from -1 to $+1$, where $+1$ indicates full compliance with the stated commitment, -1 indicates a failure to comply or action taken that is directly opposite to the stated instruments or goal of the commitment, and 0 indicates partial compliance or work in progress, such as initiatives that have been launched but are not yet near completion and whose full results can therefore not be assessed. Each member assessed receives a score of -1 , 0 or $+1$ for each commitment. For convenience, the scores in the tables have been converted to percentages, where -1 equals 0 per cent and $+1$ equals 100 per cent.¹

A compliance score of -1 does not necessarily imply an unwillingness to comply on the part of G20 members. In some cases, policy actions can take multiple compliance cycles to implement and measure. As the G20 Research Group and RANEPA continue to monitor developments, progress made by members can be recorded in future compliance reports.

The Compliance Coding Manual that describes the methodology in detail is available on the G20 Information Centre website at <http://www.g20.utoronto.ca/analysis/index.html#method>.

Commitment Breakdown

The G20 made a total of 128 commitments at the Osaka Summit.² These commitments, as identified by the G20 Research Group and RANEPA, are drawn from the official Osaka Leaders' Declaration.

Selection of Commitments

For each compliance cycle (that is, the period between summits), the research team selects commitments that reflect the breadth of the G20 agenda and also reflect the priorities of the summit's host, while balancing the selection to allow for comparison with past and future summits, following the methodology developed by the G7 Research Group. The selection also replicates the breakdown of issue areas and the proportion of commitments in each one. Primary criteria for priority commitment selection are the comprehensiveness and relevance to the summit, the G20 and the world, as well as individual and collective pledges. Selected commitments must also meet

¹ The formula to convert a score into a percentage is $P = 50 \times (S + 1)$, where P is the percentage and S is the score.

² A commitment is defined as a discrete, specific, publicly expressed, collectively agreed statement of intent; a promise by summit members that they will undertake future action to move toward, meet or adjust to an identified target. More details are contained in the Reference Manual for Summit Commitment and Compliance Coding).

secondary criteria of performance measurability and ability to comply to some degree within a year, as well as the tertiary criterion of significance as identified by scientific teams and relevant stakeholders in the host country.

For this report, the research teams selected 19 commitments for analysis (see Table 1).

Interim Compliance Scores

This assessment is based on relevant, publicly available information relating to actions taken from 30 June 2019 to 10 May 2019. The interim compliance scores by commitment are contained in Table 2. Country rankings are listed in Table 3 and commitment rankings are listed in Table 4.

For the full interim period, including all 19 priority commitments, G20 members achieved average compliance of +0.38 (69%).

Interim Compliance by Member

For interim compliance with the Osaka Summit's priority commitments, the European Union had the highest compliance at +0.84 (92%), followed by Germany at +0.65 (82%), and then Australia and the United Kingdom both at +0.63 (82%). Host Japan ranked fourth, along with Canada and India, at +0.58 (79%). Five countries shared the lowest score at +0.16 (58%): Argentina, Brazil, China, Indonesia and South Africa. The difference between the highest and lowest G20 member compliance scores is 0.68. For more information about compliance by G20 members, see Table 3.

Interim Compliance by Commitment

The macroeconomic commitment on exchange rates ranked first at +0.88 (94%), followed by three commitments that each had compliance of +0.80 (90%): a climate change commitment on financing for sustainable, a development commitment on investment in human capital and a health commitment on public health preparedness. These were followed by a labour and employment commitment on opportunities for youth at +0.75 (88%). The lowest compliance was on marine plastic litter and microplastics at -0.40 (30%). For more information on scoring by commitment, see Table 4.

Table 1: 2019 G20 Osaka Summit Commitments Selected for Compliance Monitoring

1	Macroeconomics: Inclusive Growth	“We reaffirm our commitment to use all policy tools to achieve strong, sustainable, balanced and inclusive growth, and safeguard against downside risks, by stepping up our dialogue and actions to enhance confidence.” (G20 Osaka Leaders’ Declaration)
2	Macroeconomics: Exchange Rates	“We also reaffirm the exchange rate commitments made by our Finance Ministers and Central Bank Governors in March 2018.” (G20 Osaka Leaders’ Declaration)
3	Trade: Open Markets	“[We strive to] … keep our markets open.” (G20 Osaka Leaders’ Declaration)
4	Trade: Reform of the World Trade Organization	“We reaffirm our support for the necessary reform of the World Trade Organization (WTO) to improve its functions.” (G20 Osaka Leaders’ Declaration)
5	Infrastructure: Quality Infrastructure Investment	“We endorse the G20 Principles for Quality Infrastructure Investment as our common strategic direction and high aspiration.” (G20 2019 Osaka Leaders’ Declaration)
6	Digital Economy: Frameworks	“We will cooperate to encourage the interoperability of different frameworks [for data free flow with trust]” (G20 Leaders’ Osaka Declaration)
7	International Taxation: Digitalization	“We will redouble our efforts for a consensus-based solution [on addressing the tax challenges arising from digitalization] with a final report by 2020.” (G20 Osaka Leaders’ Declaration)
8	Crime and Corruption: Cyber Resilience	“We also continue to step up efforts to enhance cyber resilience.” (G20 Osaka Leaders’ Declaration)
9	Terrorism: Internet Security	“For us all to reap the rewards of digitalisation, we are committed to realising an open, free and secure internet.” (G20 2019 Osaka Leaders’ Declaration)
10	Labour and Employment: Opportunities for Youth	“We will also continue to promote employment opportunities for and employability of the young population.” (G20 Osaka Leaders’ Declaration)
11	Gender: Education and Training	“[We commit to continue support for girls’ and women’s education and training, including...] improved access to STEM (Science, Technology, Engineering and Mathematics).” (G20 Osaka Leaders’ Declaration)
12	Gender: Labour Market	“We will also address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market.” (G20 Osaka Leaders Declaration)
13	Development: Energy	“[We support developing countries in their efforts to advance progress towards the timely implementation of the SDGs (Sustainable Development Goals) in such areas as] ... energy ... [using all means of implementation, such as the mobilization of private sector resources and capacity building assistance.]” (G20 Osaka Leaders’ Declaration)
14	Development: Investment in Human Capital	“We reaffirm our commitment to invest in human capital...[as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.]” (G20 Osaka Leaders’ Declaration)
15	Health: Ageing Populations	“We will promote healthy and active ageing through policy measures to address health promotion.” (G20 Osaka Leaders’ Declaration)

16	Health: Public Health Preparedness	“We are committed to improving public health preparedness and response including strengthening our own core capacities” (G20 Osaka Leaders’ Declaration)
17	Environment: Marine Plastic Litter and Microplastics	“In this regard, we are determined to swiftly take appropriate national actions for the prevention and significant reduction of discharges of plastic litter and microplastics to the oceans.” (G20 Osaka Leaders’ Declaration)
18	Climate Change: Financing for Sustainable Development	“To this end, we strive to foster inclusive finance for sustainable development, including public and private financing mobilization and alignment between them.” (G20 Osaka Leaders’ Declaration)
19	Climate Change: Innovation	“[To this end, we strive to foster]... innovation in a wide range of areas for low emissions and resilient development.” (G20 Osaka Leaders’ Declaration)

Table 2: 2019 G20 Osaka Summit Interim Compliance Scores

	Argentina	Australia	Brazil	Canada	China	France	Germany	India	Indonesia	Italy	Japan	Korea	Mexico	Russia	Saudi Arabia	South Africa	Turkey	United Kingdom	United States	European Union	Average		
1 Macroeconomics: Inclusive Growth	+1	0	-1	+1	+1	+1	0	+1	+1	+1	+1	0	+1	+1	+1	+1	0	+1	0	+0.65	83%		
2 Macroeconomics: Exchange Rates	+1	+1	+1	+1	-1	n/a	n/a	+1	+1	n/a	+1	+1	+1	+1	+1	+1	+1	+1	+1	+0.88	94%		
3 Trade: Open Markets	0	0	0	0	0	n/a	n/a	0	0	n/a	-1	-1	0	0	0	0	0	0	-1	0	-0.18	41%	
4 Trade: Reform of the World Trade Organization	0	+1	+1	+1	+1	0	+1	+1	+1	0	+1	+1	+1	+1	-1	+1	+1	+1	0	+1	+0.70	85%	
5 Infrastructure: Quality Infrastructure Investment	+1	+1	+1	+1	+1	-1	+1	+1	-1	+1	0	0	+1	0	+1	+1	0	0	+1	+1	+0.55	78%	
6 Digital Economy: Frameworks	0	0	0	+1	0	+1	+1	+1	+1	-1	+1	+1	+1	-1	0	-1	-1	+1	0	+1	+0.30	65%	
7 International Taxation: Digitalization	0	-1	0	-1	-1	0	0	+1	0	+1	+1	-1	0	0	-1	-1	0	+1	-1	+1	-0.10	45%	
8 Crime and Corruption: Cyber Resilience	0	0	+1	-1	0	0	+1	0	+1	-1	+1	0	+1	+1	0	0	+1	+1	-1	+1	+0.30	65%	
9 Terrorism: Internet Security	0	0	-1	+1	0	0	0	0	-1	0	0	+1	-1	0	0	0	0	-1	0	0	-0.10	45%	
10 Labour and Employment: Opportunities for Youth	0	+1	+1	+1	0	0	+1	0	+1	+1	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	+0.75	88%	
11 Gender: Education and Training	0	+1	-1	0	-1	0	+1	+1	-1	0	0	+1	0	0	+1	0	0	0	0	+1	+0.15	58%	
12 Gender: Labour Market	-1	+1	0	+1	0	+1	0	+1	0	0	0	-1	0	0	+1	0	+1	+1	+1	0	+0.30	65%	
13 Development: Energy	0	+1	+1	+1	+1	-1	+1	0	0	-1	+1	0	+1	+1	0	0	+1	+1	+1	+1	+0.50	75%	
14 Development: Investment in Human Capital	+1	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	0	+1	0	+1	+1	+1	+1	+0.80	90%	
15 Health: Ageing Populations	-1	+1	-1	+1	+1	0	0	0	-1	-1	+1	+1	0	0	-1	-1	-1	0	0	+1	-0.05	48%	
16 Health: Public Health Preparedness	+1	+1	+1	+1	0	+1	+1	+1	0	+1	+1	+1	0	+1	+1	0	+1	+1	+1	+1	+0.80	90%	
17 Environment: Marine Plastic Litter and Microplastics	-1	+1	-1	-1	-1	0	0	-1	-1	0	+1	0	-1	-1	0	0	-1	-1	+1	-0.40	30%		
18 Climate Change: Financing for Sustainable Development	0	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	+1	+1	0	+1	+1	+1	+0.80	90%	
19 Climate Change: Innovation	+1	+1	+1	+1	0	+1	+1	+1	0	+1	0	+1	0	0	0	0	0	+1	0	+1	+0.60	80%	
Average		+0.16	+0.63	+0.16	+0.58	+0.16	+0.29	+0.65	+0.58	+0.16	+0.18	+0.58	+0.32	+0.47	+0.32	+0.26	+0.16	+0.32	+0.63	+0.21	+0.84	+0.38	69%
		58%	82%	58%	79%	58%	65%	82%	79%	58%	59%	79%	66%	74%	66%	63%	58%	66%	82%	61%	92%	69%	

n/a = not applicable

Table 3: 2019 G20 Osaka Summit Interim Compliance by Member

Rank	Member	Average	
1	European Union	+0.84	92%
2	Germany	+0.65	82%
3	Australia	+0.63	82%
	United Kingdom		
5	Canada	+0.58	79%
	India		
	Japan		
8	Mexico	+0.47	74%
9	Korea	+0.32	66%
	Russia		
	Turkey		
12	France	+0.29	65%
13	Saudi Arabia	+0.26	63%
14	United States	+0.21	61%
15	Italy	+0.18	59%
16	Argentina	+0.16	58%
	Brazil		
	China		
	Indonesia		
	South Africa		

Table 4: 2019 G20 Osaka Summit Interim Compliance by Commitment

Rank	Commitment	Average	
1	Macroeconomics: Exchange Rates	+0.88	94%
2	Climate Change: Financing for Sustainable Development	+0.80	90%
	Development: Investment in Human Capital		
	Health: Public Health Preparedness		
5	Labour and Employment: Opportunities for Youth	+0.75	88%
6	Trade: Reform of the World Trade Organization	+0.70	85%
7	Macroeconomics: Inclusive Growth	+0.65	83%
8	Climate Change: Innovation	+0.60	80%
9	Infrastructure: Quality Infrastructure Investment	+0.55	78%
10	Development: Energy	+0.50	75%
	Gender: Labour Market		
12	Crime and Corruption: Cyber Resilience	+0.30	65%
	Digital Economy: Frameworks		
14	Gender: Education and Training	+0.15	58%
15	Health: Ageing Populations	-0.05	48%
16	International Taxation: Digitalization	-0.10	45%
	Terrorism: Internet Security		
18	Trade: Open Markets	-0.18	41%
19	Environment: Marine Plastic Litter and Microplastics	-0.40	30%

Table 5: G20 Compliance by Member, 2008–2018

	Final		Final		Final		Final		Final		Final		Final	
Member	Washington 2008		London 2009		Pittsburgh 2009		Toronto 2010		Seoul 2010		Cannes 2011		Los Cabos 2012	
Argentina	0	50%	-0.60	20%	-0.13	44%	0	50%	-0.08	46%	0	50%	+0.31	66%
Australia	n/a	—	+0.60	80%	+0.50	75%	+0.56	78%	+0.85	93%	+0.67	84%	+0.94	97%
Brazil	+1.00	100%	+0.20	60%	-0.63	19%	+0.29	65%	+0.42	71%	+0.60	80%	+0.56	78%
Canada	+1.00	100%	+0.60	80%	+0.63	82%	+0.78	89%	+0.69	85%	+0.73	87%	+0.75	88%
China	0	50%	-0.40	30%	+0.13	57%	+0.38	69%	+0.42	71%	+0.53	77%	+0.38	69%
France	+1.00	100%	+0.80	90%	+0.63	82%	+0.56	78%	+0.77	89%	+0.60	80%	+0.69	85%
Germany	+1.00	100%	+0.80	90%	+0.63	82%	+0.56	78%	+0.54	77%	+0.67	84%	+0.56	78%
India	0	50%	-0.40	30%	-0.38	31%	-0.29	36%	+0.42	71%	+0.60	80%	+0.50	75%
Indonesia	n/a	—	-0.40	30%	-0.63	19%	-0.13	44%	+0.36	68%	+0.14	57%	+0.47	74%
Italy	+1.00	100%	0	50%	+0.13	57%	+0.56	78%	+0.77	89%	+0.80	90%	+0.19	60%
Japan	+1.00	100%	+0.20	60%	+0.50	75%	+0.56	78%	+0.62	81%	+0.47	74%	+0.50	75%
Korea	n/a	—	0	50%	+0.75	88%	+0.56	78%	+0.46	73%	+0.60	80%	+0.63	82%
Mexico	+1.00	100%	0	50%	+0.25	63%	-0.14	43%	+0.58	79%	+0.67	84%	+0.69	85%
Russia	0	50%	+0.40	70%	+0.38	69%	+0.13	57%	+0.59	80%	+0.60	80%	+0.63	82%
Saudi Arabia	n/a	—	+0.20	60%	-0.13	44%	-0.13	44%	+0.08	54%	+0.21	61%	+0.50	75%
South Africa	+1.00	100%	+0.40	70%	+0.63	82%	-0.14	43%	+0.33	67%	+0.47	74%	+0.47	74%
Turkey	n/a	—	+0.20	60%	-0.25	38%	-0.14	43%	+0.17	59%	+0.20	60%	+0.25	63%
United Kingdom	+1.00	100%	+1.00	100%	+0.50	75%	+0.78	89%	+0.77	89%	+0.87	94%	+0.81	91%
United States	0	50%	+0.40	70%	+1.00	100%	+0.33	67%	+0.38	69%	+0.53	77%	+0.81	91%
European Union	+1.00	100%	+0.60	80%	+0.38	69%	+0.57	79%	+0.82	91%	+0.85	93%	+0.75	88%
Average	+0.67	83%	+0.23	62%	+0.24	62%	+0.28	64%	+0.50	75%	+0.54	77%	+0.57	79%

n/a = not available

Table 5: G20 Compliance by Member, 2008–2018, continued

Member	Final		Final		Final		Final		Final		Final	
	St. Petersburg 2013	Brisbane 2014	Antalya 2015	Hangzhou 2016	Hamburg 2017	Buenos Aires 2018						
Argentina	+0.06	53%	+0.06	53%	+0.53	76%	+0.63	82%	+0.82	91%	+0.75	88%
Australia	+0.63	81%	+0.59	79%	+0.65	82%	+0.79	89%	+0.71	85%	+0.80	90%
Brazil	+0.31	66%	+0.12	56%	+0.53	76%	+0.58	79%	+0.82	91%	+0.70	85%
Canada	+0.44	72%	+0.71	85%	+0.65	82%	+0.84	92%	+0.94	97%	+0.75	88%
China	+0.19	59%	+0.59	79%	+0.59	79%	+0.74	87%	+0.76	88%	+0.75	88%
France	+0.69	84%	+0.63	81%	+0.71	85%	+0.63	82%	+0.94	97%	+1.00	100%
Germany	+0.75	88%	+0.69	84%	+0.71	85%	+0.79	89%	+0.88	94%	+0.65	83%
India	+0.63	81%	+0.59	79%	+0.65	82%	+0.63	82%	+0.82	91%	+0.75	88%
Indonesia	+0.50	75%	+0.12	56%	+0.18	59%	+0.53	76%	+0.94	97%	+0.45	73%
Italy	+0.44	72%	+0.13	56%	+0.71	85%	+0.32	66%	+0.76	88%	+0.35	68%
Japan	+0.31	66%	+0.65	82%	+0.35	68%	+0.68	84%	+0.76	88%	+0.55	78%
Korea	+0.38	69%	+0.65	82%	+0.53	76%	+0.68	84%	+0.71	85%	+0.60	80%
Mexico	+0.38	69%	+0.47	74%	+0.53	76%	+0.53	76%	+0.65	82%	+0.60	80%
Russia	+0.44	72%	+0.47	74%	+0.47	74%	+0.68	84%	+0.65	82%	+0.35	68%
Saudi Arabia	+0.06	53%	-0.24	38%	+0.35	68%	+0.42	71%	+0.59	79%	+0.45	73%
South Africa	+0.25	63%	-0.12	44%	+0.24	62%	+0.37	68%	+0.65	82%	+0.45	73%
Turkey	+0.25	63%	0	50%	+0.41	71%	+0.37	68%	+0.29	65%	+0.05	53%
United Kingdom	+0.75	88%	+0.76	88%	+0.71	85%	+0.47	74%	+0.94	97%	+0.25	63%
United States	+0.69	84%	+0.76	88%	+0.71	85%	+0.42	71%	+0.35	68%	+0.75	88%
European Union	+0.63	81%	+0.75	88%	+0.81	91%	+0.84	92%	0.94	97%	+0.37	68%
Average	+0.44	72%	+0.42	71%	+0.55	77%	+0.60	80%	0.75	87%	+0.57	78%

Conclusions

Many of the commitments assessed in this report have timelines that extend beyond the next summit or reflect medium- and long-term priorities. A unique feature of this report is the incorporation of deadlines for commitments monitored over multiple compliance cycles. The convergence of medium- and long-term commitments and those with deadlines in the near future reflects the nature of G20 decisions as a crisis management forum and a global governance steering institution. It also illustrates the multifaceted nature of compliance assessment. As the relationship among short, medium, and long-term commitments becomes clearer, the compliance landscape for many of these priority commitments may change over the course of future compliance periods.

Future Research and Reports

The information contained in this report provides G20 members and other stakeholders with an indication of their compliance in the first 10-month period following the Osaka Summit. This report has been produced as an invitation for others to provide additional or more complete information on compliance during the period under study. Feedback should be sent to g20@utoronto.ca.

Considerations and Limitations

Several elements affect the findings contained in this report. While the purpose of the report is to monitor compliance with G20 commitments, it is necessary to ensure that the monitoring mechanism is realistic and considers the context within which the commitments are made. With new commitments, more attention must be paid to the initial implementation constraints faced by members. One way to accommodate these constraints is to regard the intent to implement policy measures as an illustration of compliance or being “on track” towards compliance. This initial leeway should only be granted for new commitments; intent is not a suitable indicator of compliance for medium-term or longstanding commitments. Over time as commitments become integrated in the G20 compliance mechanism, compliance guidelines should become more stringent (as members become more accustomed to the nature of the issue and the requirements for compliance).

See also Appendix: General Considerations.

Appendix: General Considerations

In evaluating the results of this report, the following considerations should be kept in mind.

Assessments contained in this report apply to commitment-related actions taken by G20 members only since the commitments were declared publicly at the last summit.

Compliance has been assessed against a selected set of priority commitments, rather than all commitments contained in the summit documents. The selection is intended to produce a representative subset of the total body of commitments. An ideal set of priority commitments represents proportionally the amount of attention paid to each policy area in summit documents, reflects the relative ambition of summit commitments, and holds as many G20 members to account for compliance as possible.

In addition to producing commitments, summits provide value by establishing new principles and norms, creating and highlighting issues and issue areas and altering the traditional discourse used to discuss priorities. Some of the most important decisions reached at summits may be done in private and not encoded in the public record of the summit documents.

Some commitments cover several years and thus compliance takes longer than the summit-to-summit timeframe applied in this report. For this reason, full compliance (denoted by a +1 score) might not require that G20 members carry out a given commitment completely, but might instead demand clear, visible progress commensurate with the overall timetable as well as public statements of support of commitment objectives.

In some cases, a G20 member might choose not to comply with a particular summit commitment for good reason, for example if global conditions have changed dramatically since the commitment was made or if new knowledge has become available about how a particular problem can best be solved.

As each G20 member has its own constitutional, legal and institutional processes for undertaking action at the national level (and in the case of the European Union at the supranational level), each member is free to act according to its own legislative schedule. Of particular importance here is the annual schedule for creating budgets, seeking legislative approval and appropriating funds.

Commitments in G20 summit documents might also be included, in whole or in part, in documents released by other international forums, as the decisions of other international organizations or even national statements such as the State of the Union Address in the US, the Queen's Speech in the UK and the Speech from the Throne in Canada. Merely repeating a G20 commitment in another forum does not count fully as compliant behaviour.

This report assesses G20 members' action in accordance with the text of actual, specific commitments made in G20 summit documents. Because commitments demand that policymakers and regulators act specifically to meet the identified objectives, this report holds policymakers accountable for pushing and passing recommended policies. Furthermore, compliance is assessed against the precise, particular commitment, rather than what might be regarded as a necessary or appropriate action to solve the problem being addressed.

As individual members can often take different actions to comply with the same commitment, no standardized cross-national evaluative criterion produced by external parties can be universally applied. The interpretive guidelines attempt to provide a clear, consistent, equitable method for assessing compliance.

Because the evaluative scale used in this compliance report runs from -1 to +1, any score in the positive range represents at least some degree of compliance.

1. Macroeconomics: Inclusive Growth

“We reaffirm our commitment to use all policy tools to achieve strong, sustainable, balanced and inclusive growth, and safeguard against downside risks, by stepping up our dialogue and actions to enhance confidence.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina			+1
Australia		0	
Brazil	-1		
Canada			+1
China			+1
France			+1
Germany			+1
India			+1
Indonesia			+1
Italy			+1
Japan			+1
Korea	0		
Mexico			+1
Russia			+1
Saudi Arabia			+1
South Africa			+1
Turkey	0		
United Kingdom			+1
United States	0		
European Union			+1
Average	+0.70 (85%)		

Background

The G20 leaders first addressed the issue of inclusive economic growth at the 2014 Brisbane Summit, calling for two per cent of economic growth to be directed towards supporting “development and inclusive growth” and helping “to reduce inequality and poverty” by 2018.³ Despite not reaching that goal by 2018, inclusive growth has continued to be a prominent topic of deliberation at the G20 summits, having been mentioned at every summit since the Brisbane Summit.⁴

At the 2015 Antalya Summit, G20 leaders agreed that inclusive growth requires “the use of all policy tools and strong engagement with all stakeholders” and that inclusive growth should be “inclusive, job-rich” and benefit “all segments of our societies.”⁵ The theme of using “all policy tools” to work towards bolstering inclusive growth has remained a theme since the Antalya Summit.

³ G20 Leaders’ Communiqué Brisbane, G20 Information Centre (Toronto) 16 November 2014. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

⁴ Europe admits G20 economies will miss extra growth target, Reuters (Valletta) 8 April 2017. Access Date: 10 November 2019. <https://www.reuters.com/article/us-g20-growth-europe-idUSKBN17A0GA>

⁵ G20 Leaders’ Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

At the 2016 Hangzhou Summit, G20 leaders further committed to advancing “sustainable, balanced, and inclusive growth,” outlining in the Hangzhou consensus policies and actions that members should be taking to promote inclusive growth.⁶ The actions and policies outlined followed four main themes: vision, integration, openness and inclusiveness.⁷ These four themes lay the foundation of what inclusive growth would look like moving forward, including sustainability, cooperation, fairness and removing inequalities in the international economic system.⁸

At the 2017 Hamburg Summit, G20 leaders reiterated their commitment to inclusive growth, stating that “strong, sustainable, balanced and inclusive growth … remains our highest priority.”⁹ Once again, leaders committed to using “all policy tools” in advancing inclusive growth.¹⁰ The leaders also focused on international investment, digitalization, empowering women and equal access to financial and economic systems as important components of promoting inclusive growth.¹¹ The G20 Africa Partnership was also discussed as a vehicle to advance and promote inclusive growth amongst African economies.¹²

At the 2018 Buenos Aires Summit, G20 leaders continued the theme of prior summits by committing to “use all policy tools to achieve strong, sustainable, balanced, and inclusive growth.”¹³ One of the summit’s priority areas, infrastructure, was also promoted as a significant factor in advancing inclusive growth.¹⁴ In the Buenos Aires Action Plan, G20 leaders outlined the primary areas to focus and improve on in promoting inclusive growth, and also offered previously implemented measures in areas such as tax, education, social security reform, financial regulation and labour that had a positive impact on advancing inclusive growth.¹⁵

Commitment Features

The central theme of using “all policy tools” to achieve inclusive growth continued at the 2019 Osaka Summit, where G20 leaders reaffirmed their commitment to “use all policy tools to achieve strong, sustainable, balanced and inclusive growth, and safeguard against downside risks, by stepping up our dialogue and actions to enhance confidence.”¹⁶ G20 members identified that “carefully calibrated macroeconomic and structural policies tailored to country-specific circumstances” are

⁶ G20 Leaders’ Communique Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁷ G20 Leaders’ Communique Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁸ G20 Leaders’ Communique Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁹ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

¹⁰ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

¹¹ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

¹² G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

¹³ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

¹⁴ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

¹⁵ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

¹⁶ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>.

imperative in order to achieve this commitment.¹⁷ In addition, central banks were included as a vital component in promoting inclusive growth and safeguarding against “downside risks,” and leaders called upon central banks to promote “flexible and growth-friendly” fiscal policies to maintain stability and sustainability on the path to inclusive growth.¹⁸

“Strong” growth can be understood as booms experienced in various industry sectors of a given country, increase in employment and in gross domestic product, thus culminating in an increase in productivity.¹⁹ “Sustainable” growth is understood as economic development that accounts for the needs of future generations, thus preserving the environment while meeting human needs.²⁰ Related, “balanced” growth refers to a diverse economy (i.e., growth is seen in multiple sectors, rather than focused on one industry) that employs characteristics of sustainability and inclusivity in income.²¹

For the purposes of this assessment, the World Bank’s description of inclusive growth is used as a metric in determining whether an action is included or excluded in the report. The World Bank lays out nine key characteristics of inclusive growth that can be summarized as follows:

- Inclusive growth is economic growth that is vital to poverty reduction;
- Inclusive growth is sustained, “broad-based” growth with a focus on “structural transformation for economic diversification”;
- Inclusive growth includes a large portion of the labour force, including equal access and opportunity to “markets, resources, and unbiased regulatory environment”;
- Inclusive growth focuses on “both the pace and pattern of growth,” and strategies need to be country-specific;
- Inclusive growth prioritizes productive employment over income redistribution, focusing on productivity growth in addition to employment growth;
- Inclusive growth focuses on both individuals and companies in terms of analysis;
- Inclusive growth aligns with the “absolute definition of pro-poor growth”;
- Inclusive growth does not look at specific targets such as employment generation or income distribution, as these are simply “potential outcomes, not specific goals”;
- Inclusive growth is generally driven by free market growth sources, with the government playing a “facilitating role.”²²

¹⁷ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>.

¹⁸ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>.

¹⁹ Economic Growth, Investopedia (New York City) 16 April 2019. Access Date: 13 April 2019. <https://www.investopedia.com/terms/e/economicgrowth.asp>.

²⁰ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. http://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2019.pdf

²¹ Balanced and unbalanced economic growth, Economics Help (Oxford) 14 March 2018. Access Date: 13 April 2019. <https://www.economicshelp.org/blog/7666/uk-economy/balanced-economy/>

²² What is Inclusive Growth?, World Bank (Geneva) 10 February 2009. Access Date: 9 March 2020. <https://siteresources.worldbank.org/INTDEBTDEPT/Resources/468980-1218567884549/WhatIsInclusiveGrowth20081230.pdf>

The G20 leaders added the theme of downside risk at the 2019 Osaka Summit. For the purposes of this assessment, downside risk is defined as the maximum loss an investment or security could incur should market conditions change.²³ Thus, scoring for this commitment can be divided into two components.

The first component of this assessment follows similar themes of prior summits, with members taking actions to address strong, sustainable, balanced and inclusive growth both on the domestic and international levels. On the domestic level, members can address income inequality, poverty levels and marginalized populations through actions such as ensuring equal access to labour markets, reducing barriers to market entry, investing in education and vocational systems to bolster the acquisition of skills, providing a fair tax and benefit system for disadvantaged and less fortunate families, and promoting equal opportunities for youth and women. On the international level, members can advocate for a fair international economic system that ensures developing countries have a fair chance to advance and grow their economies, forge development partnerships, and bolster international regulatory institutions that promote inclusive growth.

The second component of this assessment covers downside risk, a factor that can also be addressed through actions at both the domestic and the international level. At the domestic level, members can ensure that their macroeconomic policies promote stability, flexibility and growth, ensure price stability, and enhance confidence in the national economy. At the international level, members can take actions that promote the stability of the international economic system, such as rejecting and condemning unfair trade practices, enhancing cooperation, taking preventive and reactionary measures to counter global economic downturn, and ensuring that members' domestic economic systems do not negatively affect the stability of the global economy.

To achieve a score of full compliance, G20 members must use all policy tools that to achieve both strong, sustainable, balanced and inclusive growth, and safeguard against downside risk. As per the commitment text, the policy tools they can employ include stepping up dialogue (i.e., collaborating and consulting with international organizations such as the World Bank or with other G20 members) or by taking actions to enhance confidence (i.e., investing in education or vocational training programs or enhancing trade relations with other countries). National or international actions count for a G20 member's full compliance in promoting inclusive growth and safeguarding against downside risk. Members that take action or step up dialogue to achieve either of the commitment's components but not both will receive a score of partial compliance. Members that do not take action or step up dialogue to achieve strong, sustainable, balanced and inclusive growth or to safeguard against downside risk will receive a score of no compliance.

Scoring Guidelines

-1	G20 member has NOT used policy tools (by stepping up dialogue or actions) to achieve inclusive growth or safeguard against downside risks.
0	G20 member has used policy tools (by stepping up dialogue or actions) to achieve either inclusive growth OR safeguard against downside risks.
+1	G20 member has used policy tools (by stepping up dialogue or actions) to achieve inclusive growth AND safeguard against downside risks.

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²³ Downside Risk Definition, Investopedia (New York City) 12 April 2019. Access Date: 9 March 2020.
<https://www.investopedia.com/terms/d/downsiderisk.asp>

Argentina: +1

Argentina has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 1 July 2019, the Monetary Policy Council (COPOM) of the Banco Central De La República Argentina (BCRA) decided to provide further information on the development of the monetary/exchange scheme for July.²⁴ The COPOM has decided to set a minimum rate for the interest rate on liquidity bills at 58 per cent in July in order to ensure that those changes do not entail the loosening of current monetary conditions.²⁵ In other words, liquidity will be absorbed as required to prevent the benchmark interest rate from falling below that level.²⁶ The fall in the minimum rate goes hand in hand with the drop in the inflation rate of the past few months which is expected to continue in July based on the Market Expectations Survey.²⁷

On 19 July 2019, the COPOM decided to make a two-month assessment of the compliance with the monetary base target for July and August with an average target remained unchanged at ARS1,343 billion.²⁸ As a preventive measure, in July banks were complying with minimum reserve requirements for a higher amount than that required for the July/August period, which suggests that they would fulfil requirements for a lower amount in August.²⁹ In order to avoid excessive contraction in July and excessive expansion in August, the COPOM decided to determine, during July and August, the compliance of the monetary base target based on the two-month average.³⁰

On 8 August 2019, the Board of Directors of the BCRA issued Communication A6753, requiring financial institutions to inform, at their branches, the rates on time deposits sorted out by the channel through which they are made online and at a teller window.³¹ This requirement seeks to encourage competition in the financial system and enhance users' access to information.³² This regulation is associated with a resolution made available by means of Communication A6419 dated 29 December 2017 on "Information Released through Electronic Channels to Protect the Environment," which lists the information that financial institutions must make available to the public at their branches.³³

²⁴ Decisions Taken by the Monetary Policy Council (COPOM), 1 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-010719-i.asp>

²⁵ Decisions Taken by the Monetary Policy Council (COPOM), 1 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-010719-i.asp>

²⁶ Decisions Taken by the Monetary Policy Council (COPOM), 1 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-010719-i.asp>

²⁷ Decisions Taken by the Monetary Policy Council (COPOM), 1 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-010719-i.asp>

²⁸ Decisions Taken by the Monetary Policy Council (COPOM), 22 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-220719-i.asp>

²⁹ Decisions Taken by the Monetary Policy Council (COPOM), 22 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-220719-i.asp>

³⁰ Decisions Taken by the Monetary Policy Council (COPOM), 22 July 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Pol%C3%ADtica-Monetaria-220719-i.asp>

³¹ A New Regulation aimed to Promote Transparency, 8 August 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/obligatoriedad-informar-tasa-web-i.asp>

³² A New Regulation aimed to Promote Transparency, 8 August 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/obligatoriedad-informar-tasa-web-i.asp>

³³ A New Regulation aimed to Promote Transparency, 8 August 2019. Access Date: 2 February 2020.
<http://www.bcra.gov.ar/Noticias/obligatoriedad-informar-tasa-web-i.asp>

On 1 September 2019, the BCRA adopted Communication A6770 to regulate the inflow and outflow of foreign exchange in the market in order to maintain exchange rate stability and protect saver.³⁴ Under this communication, natural and legal persons may continue withdrawing dollars from their bank account, the regular development of foreign trade is not affected, and there is no affection to travelling abroad.³⁵

On 18 September 2019, the COPOM decided to adjust the parameters of its monetary scheme to the recent developments in Argentine economy.³⁶ In view of the increased country risk, little chance to refinance treasury bills, and a significant peso depreciation, the Ministry of Economy and the BCRA have adopted measures to preserve Argentina's monetary and financial stability.³⁷ These measures seek to help the economy to go through the present state of uncertainty in the best possible way.³⁸

On 27 October 2019, the Board of the BCRA made changes to Communication A6770, which has regulated inflows and outflows in the foreign exchange market since 1 September.³⁹ These changes, which were established in Communication A6815, seek to keep exchange rate stability and protect international reserves in a context of uncertainty.⁴⁰ This communication is temporary; natural and legal persons may continue withdrawing dollars from their bank accounts; the regular development of foreign trade is not affected, and there is no restriction to purchase US dollars for travelling.⁴¹

On 30 October 2019, COPOM decided to adjust the floor of the interest rate on liquidity bills (LELIQs) and established the monetary base target for November.⁴² Tougher foreign exchange controls are likely to increase the demand for assets in pesos.⁴³ However, in the current scenario of high uncertainty, it is bitterly critical to ensure positive real returns for depositors.⁴⁴ Accordingly, the COPOM reduced the floor of the interest rate on LELIQs to 63 per cent for November.⁴⁵ This implies a five percentage point fall against October, which is in line with market forecasts about a slowdown in the inflation rate.⁴⁶

³⁴ Measures to Safeguard Exchange Rate Stability and Savers, 1 September 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/01-09-19-medidas-para-proteger-estabilidad-cambiaria-y-ahorristas-i.asp>

³⁵ Measures to Safeguard Exchange Rate Stability and Savers, 1 September 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/01-09-19-medidas-para-proteger-estabilidad-cambiaria-y-ahorristas-i.asp>

³⁶ Decisions Taken by the Monetary Policy Council (COPOM), 18 September 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-180919-i.asp>

³⁷ Decisions Taken by the Monetary Policy Council (COPOM), 18 September 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-180919-i.asp>

³⁸ Decisions Taken by the Monetary Policy Council (COPOM), 18 September 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-180919-i.asp>

³⁹ Adjustments to Safeguard Exchange Rate Stability, 27 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Adecuaciones-para-proteger-la-estabilidad-cambiaria-i.asp>

⁴⁰ Adjustments to Safeguard Exchange Rate Stability, 27 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Adecuaciones-para-proteger-la-estabilidad-cambiaria-i.asp>

⁴¹ Adjustments to Safeguard Exchange Rate Stability, 27 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Adecuaciones-para-proteger-la-estabilidad-cambiaria-i.asp>

⁴² Decisions Taken by the Monetary Policy Council (COPOM), 30 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-301019-i.asp>

⁴³ Decisions Taken by the Monetary Policy Council (COPOM), 30 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-301019-i.asp>

⁴⁴ Decisions Taken by the Monetary Policy Council (COPOM), 30 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-301019-i.asp>

⁴⁵ Decisions Taken by the Monetary Policy Council (COPOM), 30 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-301019-i.asp>

⁴⁶ Decisions Taken by the Monetary Policy Council (COPOM), 30 October 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-301019-i.asp>

On 22 November 2019, the BCRA published the first biannual Report on Financial Inclusion (IIF, in Spanish), which seeks to disclose the development of financial inclusion in Argentina and the measures adopted in this regard, and to discuss the progress made in financial inclusion as monitored by means of specific metrics.⁴⁷ On the basis of international experience, this report analyzes the development of the indicators that assess access to, use and quality of, financial services in the December 2015-March 2019 period.⁴⁸ The IIF is the result of efforts undertaken at institutional level to contribute to the assessment, analysis and exposition of the challenges of financial inclusion in Argentina.⁴⁹ In turn, the BCRA has introduced some changes in its regulatory framework with a view to fostering new points of access to bank accounts; streamlining the process for opening bank accounts; promoting greater use of electronic means of payment; and encouraging transactions through electronic channels.⁵⁰

On 29 November 2019, the COPOM set the monetary base target for the coming period and kept the current floor unchanged for the interest rate on LELIQs in line with the current economic schedule.⁵¹ The BCRA has made net purchases of foreign currency for USD2.427 billion since October 28, involving a rise of ARS79 billion in the average monetary base target for November, which stood at ARS1,662 billion.⁵² The BCRA sterilized part of this rise, as a result of which November's average was ARS94 billion (5.7 per cent) below the target, amounting to ARS1,568 billion.⁵³

On 19 December 2019, the BCRA authorized a new financing tool in pesos through which banks could finance exports of small- and medium-sized enterprises.⁵⁴ In a context where domestic loans in dollars for the exporting sector have declined by USD5.5 billion (35 per cent) in the past four months, the BCRA aims at providing the financial system with a tool so that exporters may recover financing capacity.⁵⁵

On 19 December 2019, the BCRA reduced the floor of the interest rate on LELIQs by five points, from 63 per cent to 58 per cent.⁵⁶ The BCRA Board considers that the benchmark interest rate is inappropriate and potentially inconsistent with the projected nominal evolution of key economic variables for a number of reasons: the current macroeconomic situation during this period of

⁴⁷ The BCRA Publishes the First Report on Financial Inclusion, 22 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Inf-inclusion-financiera-201901-i.asp>

⁴⁸ The BCRA Publishes the First Report on Financial Inclusion, 22 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Inf-inclusion-financiera-201901-i.asp>

⁴⁹ The BCRA Publishes the First Report on Financial Inclusion, 22 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Inf-inclusion-financiera-201901-i.asp>

⁵⁰ The BCRA Publishes the First Report on Financial Inclusion, 22 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Inf-inclusion-financiera-201901-i.asp>

⁵¹ Decisions Taken by the Monetary Policy Council (COPOM), 29 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-291119-i.asp>

⁵² Decisions Taken by the Monetary Policy Council (COPOM), 29 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-291119-i.asp>

⁵³ Decisions Taken by the Monetary Policy Council (COPOM), 29 November 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Decisiones-del-Comite-de-Politica-Monetaria-291119-i.asp>

⁵⁴ New tool to boost exporting SMEs business, 19 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/herramienta-para-impulsar-pymes-exportadoras-i.asp>

⁵⁵ New tool to boost exporting SMEs business, 19 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/herramienta-para-impulsar-pymes-exportadoras-i.asp>

⁵⁶ The BCRA Sets the Floor of the Interest Rate on LELIQs at 58%, 19 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/El-BCRA-fijo-limite-inferior-LELIQ-i.asp>

transition; the changes that the bill brought before the National Congress will entail; a call for a social pact; and the search for a sustainable sovereign debt scheme.⁵⁷

On 30 December 2019, the BCRA agreed with the Ministry of Territorial Development and Environment of Argentina to extend until end of January 2020 the freeze on mortgage loans adjusted for the unit of purchasing power (*unidad de valor adquisitivo*, or UVA), a benefit for debtors derived from offsetting rises in installments.⁵⁸ This measure was ordered in the context of the economic crisis Argentina is undergoing.⁵⁹

On 3 January 2020, the BCRA endorsed the measure announced by the Executive Branch to help companies meet their investment and working capital needs, including the payment of the increased salary to private-sector employees.⁶⁰ To this end, minimum reserve requirements will be eased for financial institutions granting loans to small and medium-sized enterprises (SMEs) at a 40 per cent annual rate, which stands substantially below the current rates prevailing in the market.⁶¹ This measure will enable institutions to have greater funds available in pesos and so channel up to 60 per cent of their loans to SMEs and at better financial conditions.⁶²

On 9 January 2020, the BCRA issued regulations for the operation of payment accounts provided by payment service providers (PSP).⁶³ Such regulations give the system further transparency and increase the protection of financial users.⁶⁴ Argentina has, thus, taken a significant step to regulate PSPs in order to be in line with other countries in the region and in Europe that already have a regulatory framework for PSPs.⁶⁵

On 17 January 2020, the BCRA offered LELIQs for 7 and 14-day periods as from January 21 with the aim of improving monetary policy interest rate transmission and favoring the control on liquidity conditions.⁶⁶ In turn, the coefficient for calculating the borrowing rate on overnight transactions will remain unchanged next week but will be lowered to 0.5 as from January 27.⁶⁷ This will stimulate the extension of maturity periods of the BCRA's remunerated liabilities.⁶⁸

⁵⁷ The BCRA Sets the Floor of the Interest Rate on LELIQs at 58%, 19 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/El-BCRA-fijo-limite-inferior-LELIQ-i.asp>

⁵⁸ Benefit for UVA-adjusted mortgage loans to be extended 30 days, 30 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/beneficios-hipotecario-UVA-30-dias-i.asp>

⁵⁹ Benefit for UVA-adjusted mortgage loans to be extended 30 days, 30 December 2019. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/beneficios-hipotecario-UVA-30-dias-i.asp>

⁶⁰ Easing of Minimum Reserve Requirements for Institutions Financing SMEs, 3 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/noticia-03-01-20-i.asp>

⁶¹ Easing of Minimum Reserve Requirements for Institutions Financing SMEs, 3 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/noticia-03-01-20-i.asp>

⁶² Easing of Minimum Reserve Requirements for Institutions Financing SMEs, 3 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/noticia-03-01-20-i.asp>

⁶³ Further Protection for Financial Services Users, 9 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/proteccion-usuarios-financieros-090120-i.asp>

⁶⁴ Further Protection for Financial Services Users, 9 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/proteccion-usuarios-financieros-090120-i.asp>

⁶⁵ Further Protection for Financial Services Users, 9 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/proteccion-usuarios-financieros-090120-i.asp>

⁶⁶ Changes on LELIQ Auctions, 17 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Modificaciones-subastas-LELIQ-i.asp>

⁶⁷ Changes on LELIQ Auctions, 17 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Modificaciones-subastas-LELIQ-i.asp>

⁶⁸ Changes on LELIQ Auctions, 17 January 2020. Access Date: 2 February 2020. <http://www.bcra.gov.ar/Noticias/Modificaciones-subastas-LELIQ-i.asp>

On 23 January 2020, the BCRA established the relaunch of the universal free account, with the aim of favoring financial inclusion for the most vulnerable sectors while promoting greater banking access and facilitating access to means of payment, in line with the actions undertaken under the National Plan called “Argentina against Hunger.”⁶⁹ With this relaunch, the BCRA seeks to boost financial inclusion, moving towards full banking throughout the country.⁷⁰

On 28 January 2020, the BCRA agreed with the Ministry of Territorial Development and Environment of Argentina to implement an offsetting mechanism to mitigate the rises in UVA-adjusted mortgage loan installments that debtors should face in February. Starting in February and for 12 months, the government will implement an installment convergence mechanism for UVA-adjusted mortgage loans, in a shared effort between financial institutions and debtors. This mechanism avoids the 26 per cent leap in the installment expected as of February establishing, instead, a 12-month convergence period. To ensure this convergence process and in line with the shared effort initiative established in the Social Solidarity and Productive Reactivation Act, financial institutions will contribute a total of ARS1,411 million during the applicable period.⁷¹

On 30 January 2020, the Board of the BCRA reduced the floor of the interest rate on LELIQs by two points, from 50 per cent to 48 per cent. The decision was adopted in view of the recessive conditions in which the economy has been performing and seeks to define an interest rate path compatible with economic recovery. The Board of the BCRA holds that interest rates should allow the monetary market to reach an equilibrium, thus contributing to optimize saving and financing in pesos.⁷²

On 7 February 2020, the Board of the BCRA ordered financial institutions to reinforce the security measures in all their branches. All in all, these measures seek to re-establish and improve security standards for bank employees and financial users in answer to the unfortunate incident that took place in Isidro Casanova neighbourhood. This resolution was adopted within the framework of the Standing Committee for Bank Security and re-established on 4 February. In this scenario, the BCRA assessed the need of adopting regulatory changes immediately. In turn, more comprehensive measures have been analyzed in order to reinforce bank security regulations.⁷³

Argentina has taken actions to both promote inclusive growth, as well as to safeguard against downside risk.

Thus, Argentina receives a score of +1.

Analyst: Zhenyu Xu

Australia: 0

Australia has partially complied with its commitment to promote inclusive growth and to safeguard against downside risk.

⁶⁹ Relaunch of the Universal Free Account, 23 January 2020. Access Date: 2 February 2020.

http://www.bcra.gov.ar/Noticias/Cuenta-Gratuita-Universal_i.asp

⁷⁰ Relaunch of the Universal Free Account, 23 January 2020. Access Date: 2 February 2020.

http://www.bcra.gov.ar/Noticias/Cuenta-Gratuita-Universal_i.asp

⁷¹ The Government Announces the Implementation of Facilities to Mitigate the Increase in UVA-Adjusted Mortgage Loan Installments. Access Date: 21 March 2020. <http://www.bcra.gov.ar/Noticias/Deudores-hipotecarios-uva-i.asp>

⁷² The BCRA Set a New Reduction on the Monetary Policy Rate. Access Date: 21 March 2020.

<http://www.bcra.gov.ar/Noticias/BCRA-avanzo-con-una-nueva-baja-tasa-pol%C3%ADtica-monetaria-i.asp>

⁷³ BCRA to Reestablish Security Measures at Banks. Access Date: 21 March 2020.

<http://www.bcra.gov.ar/Noticias/seguridad-bancaria-sucursales-i.asp>

On 12 December 2019, Minister for Employment, Skills, Small and Family Business Michaelia Cash announced that it will be partnering with nine organisations that will pilot industry-led employment pathways to help young people into work.⁷⁴ Minister Cash said that the AUD10 million Youth Jobs PaTH industry pilots will equip young people with the training and experience they need to walk directly into jobs where there is demand for more workers.⁷⁵

On 17 December 2019, Minister Cash announced that remote communities across Australia will receive specialised language, literacy, numeracy and digital literacy (LLND) skills training as part of a three-year pilot program.⁷⁶ The government has called for expressions of interest from Indigenous service providers to work with remote communities to co-design and deliver adult LLND skills training that is uniquely tailored, flexible and locally relevant to each community.⁷⁷

On 23 January 2020, Education and Training Minister Sue Ellery commenced the AUD3 million pilot program to support current Aboriginal staff at the Department of Education to become school teachers and a partnership with Curtin University to offer a bachelor of education where 33 current staff are first participants of the program.⁷⁸

On 4 February 2020, the Reserve Bank of Australia announced that interest rates would be kept unchanged since lowering rates to 0.75 per cent in October as part of efforts to extend a record 29-year run without a recession.⁷⁹

On 7 February 2020, the Australian government announced that it will overhaul English language courses for humanitarian refugees to improve the jobless rate and settle more new arrivals in regional areas. Population Minister Alan Tudge said the government will trial a reformed program by 1 July.⁸⁰

Australia has taken steps towards promoting inclusive growth and towards safeguarding against downside risks; however, they have been limited to only domestic level.

Thus, Australia receives a score of 0.

Analyst: Shubdeep Randhawa

⁷⁴ Industry Pilots Announced for Youth Jobs PaTH: Ministers' Media Centre, Australian Government 12 December 2019. Access Date: 7 February 2020. <https://ministers.employment.gov.au/cash/industry-pilots-announced-youth-jobs-path>

⁷⁵ Industry Pilots Announced for Youth Jobs PaTH: Ministers' Media Centre, Australian Government 12 December 2019. Access Date: 7 February 2020. <https://ministers.employment.gov.au/cash/industry-pilots-announced-youth-jobs-path>

⁷⁶ Pilot Program to Develop Tailored Training in Remote Communities, Ministers' Media Centre, Australian Government 17 December 2019. Access Date: 7 February 2020. <https://ministers.employment.gov.au/cash/pilot-program-develop-tailored-training-remote-communities>

⁷⁷ Pilot Program to Develop Tailored Training in Remote Communities, Ministers' Media Centre, Australian Government 17 December 2019. Access Date: 7 February 2020. <https://ministers.employment.gov.au/cash/pilot-program-develop-tailored-training-remote-communities>

⁷⁸ New Program to Support Aboriginal Staff to Become Teachers, Government of Western Australia — Media Statements 23 January 2020. Access Date: February 8, 2020.

<https://www.mediastatements.wa.gov.au/Pages/McGowan/2020/01/New-program-to-support-Aboriginal-staff-to-become-teachers.aspx>

⁷⁹ Australia's Central Bank Keeps Interest Rates on Hold, The Business Times. The Business Times 4 February 2020. Access Date: February 8, 2020. <https://www.businesstimes.com.sg/government-economy/australias-central-bank-keeps-interest-rates-on-hold>

⁸⁰ Govt to Overhaul Lacklustre Humanitarian Refugee English Skills, news.com.au — Australia's #1 news site. SKY 6 February 2020. Access Date: 8 February, 2020. <https://www.news.com.au/national/politics/govt-to-overhaul-lacklustre-humanitarian-refugee-english-skills/video/8605c74bb1be03b24f02ada596d4c766>

Brazil: -1

Brazil has not complied with its commitment to promote inclusive growth and to safeguard against downside risk.

Brazil has done no action complied with the commitment on inclusive growth and protection against downside risk.

Analyst: Zeng Lecheng

Canada: +1

Canada has fully complied with the commitment to inclusive growth and protection against downside risk.

On 1 August 2019, the federal government announced an investment of CAD4.9 million in Manitoba. The investment will go towards initiatives to drive economic and growth in northern Manitoba, the establishment of youth entrepreneurship centres, Indigenous-related programs.⁸¹

On 1 September 2019, the amendment to the Canada Labour Code on balancing work and home life came into force.⁸² The amendment addresses work-life balance issues, including leaves, annual vacations and general holidays, hours of work and overtime and other breaks.

On 10 December 2019, Canada, the United States and Mexico signed the amendments to the improvements to the Canada–United States–Mexico Agreement.⁸³ The amendments address the areas of labour protection, trilateral economic relationship and intellectual property.

On 1 January 2020, the basic personal amount, which the amount of money Canadians can earn before they have to pay federal income tax, was increased from CAD12,298 to CAD13,229.⁸⁴

On 31 January 2020, Minister of Finance Bill Morneau announced that the Advisory Committee on Open Banking will undertake a second phase of work to continue to examine the merits of open banking with a particular focus on data security in financial services.⁸⁵ The committee will provide advice on potential solutions and standards to enhance data protection in the financial sector, examining issues such as governance, consumer control of personal data, privacy and security.

Canada has taken actions that both promote inclusive growth, as well as safeguard against downside risk.

⁸¹ The Government of Canada contributes to inclusive economic growth in Manitoba, the Government of Canada (Ottawa). 01 August 2019. Access date: 13 March 2020. <https://www.canada.ca/en/western-economic-diversification/news/2019/07/the-government-of-canada-contributes-to-inclusive-economic-growth-in-manitoba.html>

⁸² Labour Program: Current and future legislative and regulatory changes, the Government of Canada (Ottawa). Access date: 2 February 2020. <https://www.canada.ca/en/employment-social-development/programs/laws-regulations/labour/current-future-legislative.html>

⁸³ Canada signs agreement on amendments to the new NAFTA, the Prime Minister of Canada (Mexico City). 10 December 2019. Access date: 2 February 2020. <https://pm.gc.ca/en/news/news-releases/2019/12/10/canada-signs-agreement-amendments-new-nafta>

⁸⁴ 2020 Brings Lower Taxes for the Middle Class and People Working Hard to Join It, the Government of Canada. 23 December 2019. Access date: 1 February 2020. <https://www.canada.ca/en/department-finance/news/2019/12/2020-brings-lower-taxes-for-the-middle-class-and-people-working-hard-to-join-it.html>

⁸⁵ Minister Morneau announces second phase of open banking review with a focus on data security in financial services, the Government of Canada (Ottawa). 31 January 2020. Access date: 1 February 2020. <https://www.canada.ca/en/department-finance/news/2020/01/minister-morneau-announces-second-phase-of-open-banking-review-with-a-focus-on-data-security-in-financial-services.html>

Thus, Canada receives a score of +1.

Analyst: Olga Tumurova

China: +1

China has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 28 June 2019, the People's Bank of China (PBC) held the Leading Group Meeting for Poverty Alleviation and Development of the PBC and the Meeting on Implementing and Promoting Self-examination and Self-rectification in Targeted Poverty Alleviation was held in Beijing.⁸⁶ The PBC addresses immediate challenges while gathering momentum for long-term development at the same time, taking measures to promptly rectify current problems, expand visions to draw up overall plans, improve policies which can bring about long-term benefits, and promote effective linkage of the tough battle against poverty and rural vitalization strategy.⁸⁷

On 11 July 2019, the PBC held a meeting in Lhasa, Tibet, to push forward targeted poverty alleviation efforts by the financial sector in areas of extreme poverty.⁸⁸ The meeting has emphasized problem orientation as well as goal orientation and improving the effectiveness of targeted poverty alleviation through financial measures, thus provide even stronger financial support.⁸⁹

On 20 July 2019, the Office of Financial Stability and Development Committee under the State Council released a series of measures to further open up China's financial sector.⁹⁰ Measures permit foreign-funded institutions to conduct credit rating business on all types of bonds in China's inter-bank and exchange bond markets, and to obtain Type-A lead underwriting licenses in the inter-bank bond market; and China will further facilitate the investments of foreign-funded institutions in the inter-bank bond market.⁹¹

On 20 August 2019, the PBC decided to increase the targeted credit line by RMB50 billion to support small and medium-sized banks in expanding their credit supply to small and micro businesses and private enterprises.⁹² In this way, liquidity will be injected into the targeted sector and the cost of social financing will be lowered, and the credit line targeting small and micro businesses will reach RMB369.5 billion after the raise.⁹³

On 27 August 2019, the PBC released the FinTech Development Plan (2019-2021) to outline guidelines, basic principles, development targets, key tasks and supportive measures for fintech

⁸⁶ PBC Holds Leading Group Meeting, People's Bank of China 3 July 2019. Access Date: 30 January 2020.

<http://www.PBC.gov.cn/en/3688110/3688172/3853320/index.html>

⁸⁷ PBC Holds Leading Group Meeting, People's Bank of China 3 July 2019. Access Date: 30 January 2020.

<http://www.PBC.gov.cn/en/3688110/3688172/3853320/index.html>

⁸⁸ Lhasa Meeting to Advance Targeted Poverty Alleviation, People's Bank of China 18 July 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3861682/index.html>

⁸⁹ Lhasa Meeting to Advance Targeted Poverty Alleviation, People's Bank of China 18 July 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3861682/index.html>

⁹⁰ PBC Official Interprets Measures for Further Opening Up the Financial Sector, People's Bank of China 24 July 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3864659/index.html>

⁹¹ PBC Official Interprets Measures for Further Opening Up the Financial Sector, People's Bank of China 24 July 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3864659/index.html>

⁹² PBC Extends Credit Line for Small and Medium-Sized Banks, People's Bank of China 02 August 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3869279/index.html>

⁹³ PBC Extends Credit Line for Small and Medium-Sized Banks, People's Bank of China 02 August 2019. Access Date: 30 January 2020. <http://www.PBC.gov.cn/en/3688110/3688172/3869279/index.html>

development in the next three years.⁹⁴ As the plan envisions, by 2021, it will institute a sound fundamental framework for fintech development supported by multiple pillars, so as to further enhance technological application in the financial sector, achieve in-depth integration and coordinated development of finance and technology, elevate public satisfaction via digital, Internet-based and intelligent financial products and services, and promote China's fintech development to be world leading.⁹⁵

On 25 October 2019, the PBC and the European Central Bank signed an amendment agreement to extend the current Bilateral Currency Swap Arrangement for another three.⁹⁶ The extended swap arrangement will play an important role in maintaining financial market stability and promoting local currency usage between China and Europe, as well as facilitating bilateral trade and investment.⁹⁷

On 7 November 2019, the State Council has issued a guideline on better using foreign investment with a focus on safeguarding the national treatment of foreign-funded enterprises.⁹⁸ The guideline puts forward 20 policies in four aspects to create a more "fair, transparent and predictable" business environment for foreign investors.⁹⁹

On 13 November 2019, the National Bureau of Statistics (NBS) said that China will introduce unified regional gross domestic product (GDP) accounting in early 2020.¹⁰⁰ The reform is an inevitable requirement for improving the quality of statistical data and the credibility of government statistics and can give better play to the statistical supervision and provide more solid data support for macro decision-making.¹⁰¹

On 15 November 2019, the National Development and Reform Commission (NDRC) announced that China will release frozen pork reserves to the market at an appropriate time to meet public demand and will also step up efforts to boost hog production through central budget support to scale up breeding farms and improve waste utilization.¹⁰² China's consumer price index (CPI), a main gauge of inflation, rose 3.8 per cent year on year last month, mainly driven by soaring pork prices, which rose 101.3 per cent year on year in October, contributing nearly two thirds of the CPI growth.¹⁰³

On 15 November 2019, the NDRC and other 14 departments released a guideline to promote deeply integrated development of the manufacturing industry and modern service industry, which will offer

⁹⁴ PBC Releases FinTech Development Plan, 27 August 2019. Access Date: 30 January 2020.
<http://www.PBC.gov.cn/en/3688110/3688172/3880801/index.html>

⁹⁵ PBC Releases FinTech Development Plan, 27 August 2019. Access Date: 30 January 2020.
<http://www.PBC.gov.cn/en/3688110/3688172/3880801/index.html>

⁹⁶ PBC and ECB extend the Bilateral Currency Swap Arrangement, 25 October 2019. Access Date: 30 January 2020.
<http://www.PBC.gov.cn/en/3688110/3688172/3908398/index.html>

⁹⁷ PBC and ECB extend the Bilateral Currency Swap Arrangement, 25 October 2019. Access Date: 30 January 2020.
<http://www.PBC.gov.cn/en/3688110/3688172/3908398/index.html>

⁹⁸ China issues guideline on improving business environment for foreign investors, 7 November 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-11/07/content_75385329.htm

⁹⁹ China issues guideline on improving business environment for foreign investors, 7 November 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-11/07/content_75385329.htm

¹⁰⁰ China reforms regional GDP accounting to boost data quality, 14 November 2019. Access Date: 30 January 2020.
http://www.china.org.cn/business/2019-11/14/content_75406840.htm

¹⁰¹ China reforms regional GDP accounting to boost data quality, 14 November 2019. Access Date: 30 January 2020.
http://www.china.org.cn/business/2019-11/14/content_75406840.htm

¹⁰² China to release pork reserves at appropriate time, 15 November 2019. Access Date: 30 January 2020.
http://www.china.org.cn/business/2019-11/15/content_75411958.htm

¹⁰³ China to release pork reserves at appropriate time, 15 November 2019. Access Date: 30 January 2020.
http://www.china.org.cn/business/2019-11/15/content_75411958.htm

critical support for high-quality growth of the manufacturing industry.¹⁰⁴ The guideline introduced a total of 10 typical business models with huge potential and promising outlook, including construction of intelligent factories, innovative application of the industrial internet and optimization of supply chain management.¹⁰⁵

On 19 December 2019, Chinese Vice Premier Han Zheng called for enhanced development and reform efforts to ensure steady economic growth in 2020 to fulfill the 13th Five-Year Plan.¹⁰⁶ According to him, major foreign investment projects will be facilitated while more opening-up policies will be rolled out and the business environment will be further improved, and he also urged acceleration in implementing regional development strategies such as those concerning the Beijing-Tianjin-Hebei region, the Yangtze River and the Guangdong-Hong Kong-Macau Greater Bay Area to nurture new engines for China's high-quality growth.¹⁰⁷

On 25 December 2019, Minister of Finance Liu Kun briefed lawmakers on the tax cuts and fee reduction work at the third plenary meeting of the ongoing bimonthly session of the country's top legislature entrusted by the State Council.¹⁰⁸ He said China's massive tax and fee cut measures saved enterprises and individuals nearly RMB1.97 trillion (about USD280.73 billion) in the first 10 months of the year.¹⁰⁹ According to Liu, the tax and fee cut measures have eased the cost burden on enterprises, offered support to private and small and micro businesses, enabled enterprises to invest more in research and development and boosted personal incomes and capacity for consumption.¹¹⁰

On 25 December 2019, the NBS said China will revise historical regional GDP data under a unified accounting mechanism to be introduced early next year.¹¹¹ The new mechanism will unify the standards and procedures for calculating national and local GDP numbers, which had been calculated under different accounting methods adopted by local and national statistics authorities since 1985 and the reform is expected to close the current discrepancy between national and regional figures, improving data quality while enhancing the credibility of government statistics.¹¹²

On 1 January 2020, Premier Li Keqiang signed a State Council decree to publish the regulation on implementing the foreign investment law to better protect the legitimate rights and interests of foreign investors.¹¹³ As a matching regulation to the foreign investment law, the regulation highlights the promotion and protection of foreign investment and details measures to ensure the effective

¹⁰⁴ China to nurture new business models for integrated development, 16 November 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-11/16/content_75414651.htm

¹⁰⁵ China to nurture new business models for integrated development, 16 November 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-11/16/content_75414651.htm

¹⁰⁶ Chinese vice premier calls to ensure steady economic growth, 20 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/20/content_75532442.htm

¹⁰⁷ Chinese vice premier calls to ensure steady economic growth, 20 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/20/content_75532442.htm

¹⁰⁸ China's tax and fee cuts reach 1.97 trln yuan, 26 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/26/content_75550728.htm

¹⁰⁹ China's tax and fee cuts reach 1.97 trln yuan, 26 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/26/content_75550728.htm

¹¹⁰ China's tax and fee cuts reach 1.97 trln yuan, 26 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/26/content_75550728.htm

¹¹¹ China to issue revised local GDP numbers under unified accounting, 26 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/27/content_75556226.htm

¹¹² China to issue revised local GDP numbers under unified accounting, 26 December 2019. Access Date: 30 January 2020. http://www.china.org.cn/business/2019-12/27/content_75556226.htm

¹¹³ China releases regulation on implementing foreign investment law, 1 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/01/content_75568406.htm

implementation of the law.¹¹⁴ The regulation also stipulates investment policies for enterprises from Hong Kong, Macau and Taiwan, and legal responsibilities for violations of the regulation.¹¹⁵

On 1 January 2020, the PBC decided to cut the reserve requirement ratio for financial institutions by 50 basis points from 6 January to spur the real economy.¹¹⁶ The move will cut the cash that lenders must hold as reserves, releasing about RMB800 billion (USD114.6 billion) of long-term liquidity to bolster the economy and reduce social financing costs.¹¹⁷ More than RMB120 billion in long-term funds is expected to be unlocked for small and medium-sized lenders, which will build up their capacities to support the targeted enterprises.¹¹⁸

On 9 January 2020, the State-owned Assets Supervision and Administration Commission released a report on pushing mergers and restructurings among centrally administered state-owned enterprises in 2020 to improve their efficiency and competitiveness.¹¹⁹ Consolidations will focus on area with overlapping investments and homogeneous competition.¹²⁰ Equipment manufacturing, chemicals, marine engineering equipment, oil refining businesses and overseas gas and oil assets are among the sectors that will see accelerated restructurings.¹²¹

On 12 January 2020, Minister for Industry and Information Technology Miao Wei said China will not significantly cut its subsidies for new energy vehicles this year, as part of its effort to stabilize market expectations and ensure the healthy and sustainable development of the industry.¹²² It is hoped new energy vehicle enterprises will have the confidence to boost their innovation capabilities, improve product quality and strengthen market development.¹²³

On 13 January 2020, the China Banking and Insurance Regulatory Commission showed the data of China disposing a total of RMB2 trillion (around USD288.4 billion) of non-performing loans last year and shrinking shadow banking assets by RMB16 trillion.¹²⁴

On 3 February 2020, the PBC conducted reverse repo operations in the amount of RMB1.2 trillion to maintain reasonable and adequate liquidity in the banking system and sound operation of the

¹¹⁴ China releases regulation on implementing foreign investment law, 1 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/01/content_75568406.htm

¹¹⁵ China releases regulation on implementing foreign investment law, 1 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/01/content_75568406.htm

¹¹⁶ China to cut RRR by 50 basis points, 2 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/02/content_75570159.htm

¹¹⁷ China to cut RRR by 50 basis points, 2 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/02/content_75570159.htm

¹¹⁸ China to cut RRR by 50 basis points, 2 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/02/content_75570159.htm

¹¹⁹ China to push restructurings of central SOEs in 2020, 9 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/09/content_75594478.htm

¹²⁰ China to push restructurings of central SOEs in 2020, 9 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/09/content_75594478.htm

¹²¹ China to push restructurings of central SOEs in 2020, 9 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/09/content_75594478.htm

¹²² China will not significantly cut new energy vehicle subsidies this year, 12 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/12/content_75604467.htm

¹²³ China will not significantly cut new energy vehicle subsidies this year, 12 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/12/content_75604467.htm

¹²⁴ China handles 2 trln yuan of bad loans in 2019, 13 January 2020. Access Date: 30 January 2020. http://www.china.org.cn/business/2020-01/13/content_75606272.htm

money market during the period of epidemic prevention and control. The liquidity in the whole banking system is RMB900 billion more than that of the same period of last year.¹²⁵

On 7 February 2020, the NDRC invested RMB2 million (about USD28.67 million) to help treat severe cases of novel coronavirus infection. The investment was directed to three hospitals in Hubei Province, the heart of the coronavirus outbreak, for building treatment units for severe cases. The commission said it will prioritize medical treatment and quarantine facilities in future investments to combat the virus.¹²⁶

On 7 February 2020, the Agricultural Development Bank of China (ADBC) approved emergency loans worth RMB10.07 billion amid the novel coronavirus pneumonia outbreak. The move aims to finance enterprises in manufacturing and purchasing of prevention and control supplies, as well as anti-epidemic materials including grain, cotton and oil. The loans will fully support enterprises in purchasing masks and protective equipment, as well as ensuring market supplies.¹²⁷

On 6 February 2020, the Ministry of Finance allocated a total of RMB71.85 billion (about USD10.3 billion) of fiscal funds to support the control of the novel coronavirus outbreak. The supervision was strengthened to ensure those in need get the funds and it continued to roll out favorable policies to support epidemic control.¹²⁸

On 9 February 2020, the PBC announced adoption of a mix of measures to facilitate and support financial institutions in issuing financial bonds of all sorts, as well as asset-backed securities and securities company commercial papers during the period of epidemic prevention and control. During this period, financial institutions may send electronic copies of application and filing documents for bond issuance via e-mail and other channels for the remote handling of bond issuance. The validity of financial bond quotas will be extended, and the validity countdown for the approved or registered bond quotas will be suspended starting from 1 February 2020.¹²⁹

On 9 February 2020, the PBC issued loans totaling RMB300 billion (about USD43 billion) to policy and commercial banks via its re-lending program as part of measures to finance the control of the novel coronavirus outbreak. The special loans will be issued at a preferential rate and the central bank will strictly track the use of funds to prevent potential arbitrage.¹³⁰

On 11 February 2020, the Ministry of Industry and Information Technology unveiled a string of 20 measures to support small and medium-sized enterprises (SMEs) and help boost their innovation capabilities. The move is part of China's broader efforts to maintain economic stability and help companies' temporary difficulties caused by the novel coronavirus epidemic. The ministry also said it has encouraged local governments to roll out their own favorable fiscal policies to support SMEs.

¹²⁵ PBC to inject RMB1.2 trillion through open market operations on February 3, 2020. Access Date: 20 March 2020.
<http://www.pbc.gov.cn/en/3688110/3688172/3966152/index.html>

¹²⁶ China invests 200 mln yuan to treat severe nCoV cases. Access Date: 20 March 2020.
http://www.china.org.cn/business/2020-02/08/content_75684784.htm

¹²⁷ China's rural policy bank loans firms over 10 bln yuan to combat coronavirus. Access Date: 20 March 2020.
http://www.china.org.cn/business/2020-02/09/content_75686741.htm

¹²⁸ China allocates 71.8 bln yuan of fiscal funds for epidemic control. Access Date: 20 March 2020.
http://www.china.org.cn/business/2020-02/10/content_75688562.htm

¹²⁹ PBC Takes Measures for Bond Issuance by Financial Institutions to Support Epidemic Control. Access Date: 30 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3969153/index.html>

¹³⁰ China to offer 300 bln yuan credit support for epidemic control. Access Date: 20 March 2020.
http://www.china.org.cn/business/2020-02/10/content_75688561.htm

Also, more efforts will be made to help SMEs better apply for loans from banks and adopt cutting-edge technologies to advance digital transformation.¹³¹

On 12 February 2020, the Ministry of Commerce released a circular to arrange for the steady supply of daily necessities in key cities to win the battle against the novel coronavirus outbreak. Supply of daily necessities including rice, flour, cooking oil, meat, eggs, dairy products, vegetables and instant food should be guaranteed, the ministry said. The circular also stressed efforts to monitor the dynamics of market supply and demand, as well as safeguard the market order.¹³²

On 12 February 2020, the ADBC issued bonds worth RMB5 billion (about USD715.3 million) for both the battle against the novel coronavirus outbreak and poverty alleviation. The move aims to support the production of medical supplies and daily necessities amid the country's epidemic prevention and control efforts. The funds will also be used to develop industries involved in the poverty alleviation campaign, including grain, oil and agricultural product processing, tourism, energy-saving and environmental protection.¹³³

On 13 February 2020, the PBC, jointly with the China Banking and Insurance Regulatory Commission (CBIRC), reviewed and approved the application of Mastercard NUCC Information Technology (Beijing) Co., Ltd. for beginning preparations for a bankcard clearing institution. Mastercard NUCC, a joint venture started by Mastercard in China, applied as a market entity for beginning preparations to set up a bank card clearing institution and operate Mastercard in China. As an important part of China's financial opening-up efforts, the opening-up of the bankcard market will help promote the development of payment and clearing services in China in a more open and internationalized way, so that diversified and differentiated services will be offered. The approval of Mastercard NUCC's application adds to the concrete moves China has taken to further open up its financial sector and deepen financial supply-side structural reform.¹³⁴

On 14 February 2020, the State Council officially approved and released the Opinions on Further Accelerating the Development of Shanghai as an International Financial Center and Providing Financial Support for the Integrated Development of the Yangtze River Delta Region. It is a major development strategy determined by the Communist Party of China Central Committee to accelerate the development of Shanghai as an international financial center and the integrated development of Yangtze River Delta, which also fully demonstrates our continuous efforts in improving the national governance system and enhancing governance capacity in the financial sector under the guidelines of the Fourth Plenary Session of the 19th Central Committee.¹³⁵

On 25 February 2020, the China Securities Regulatory Commission (CSRC), the Ministry of Finance, the PBC and the CBIRC jointly released an announcement recently, allowing qualified pilot commercial banks and insurers with proper investment management capacity to participate in the trading of treasury bond futures at the China Financial Futures Exchange in line with the principles

¹³¹ Regulator unveils new steps for SMEs. Access Date: 20 March 2020. http://www.china.org.cn/business/2020-02/11/content_75692911.htm

¹³² China to ensure daily necessities supplies amid anti-epidemic battle. Access Date: 20 March 2020. http://www.china.org.cn/business/2020-02/12/content_75696272.htm

¹³³ China's rural policy bank issues bonds for epidemic control. Access Date: 20 March 2020. http://www.china.org.cn/business/2020-02/12/content_75696273.htm

¹³⁴ PBC Approves Mastercard NUCC's Application for Bankcard Clearing Institution Preparations. Access Date: 30 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3970813/index.html>

¹³⁵ PBC, CBIRC, CSRC, SAFE and Shanghai Municipal People's Government Release the Opinions on Further Accelerating the Development of Shanghai as an International Financial Center and Providing Financial Support for the Integrated Development of the Yangtze River Delta Region. Access Date: 20 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3972683/index.html>

of law compliance, manageable risks and sustainable business development. The participation of commercial banks and insurers in treasury bond futures trading can satisfy their need for risk management, broaden the spectrum of investment products and improve their management of bond assets. Meanwhile, it will also help diversify investor base and promote the stable and orderly development of the treasury bond futures market.¹³⁶

On 28 February 2020, the PBC conducted central bank bills swap operation in order to improve the liquidity of banks' perpetual bonds, support banks to replenish capital through perpetual bond issuance, and enable the financial sector to better serve the real economy. The bonds swapped with the PBC included the perpetual bonds issued not only by large-sized commercial banks and joint-stock banks, but also by urban commercial banks, which indicated the support for the small and medium-sized banks to replenish capital through perpetual bond issuance.¹³⁷

On 29 February 2020, the Ministry of Commerce, along with other five government departments issued a guideline to guide financial institutions to issue extra low-interest loans totaling RMB300 billion (around USD42.82 billion) to self-employed businesses. Self-employed businesses will also see a cut in their social insurance contributions, rent and value-added tax burdens, the guideline said, promising easier access to the market for these businesses.¹³⁸

On 4 March 2020, the Standing Committee of the Political Bureau of the Communist Party of China Central Committee said in a meeting that the country will accelerate the construction of new infrastructure such as 5G networks and data centers. A total of 25 provincial-level regions have put new infrastructure projects in their government work reports, with 21 intending to advance 5G network construction.¹³⁹

On 12 March 2020, the PBC, the NDRC, the Ministry of Finance, the CBIRC, the CSRC and the State Administration of Foreign Exchange (SAFE) jointly released the Work Plan for Coordinated Regulation of Financial Infrastructures. In the next step, the PBC will work closely with relevant authorities and local governments to steadily push forward reforms laid out in the plan, unify regulatory standards, enhance market access administration, optimize the layout of facilities and improve governance structure, so as to put in place an advanced, reliable and flexible financial infrastructure system featuring well-balanced layout and effective governance.¹⁴⁰

On 16 March 2020, the PBC implemented targeted required reserve ratio (RRR) cuts for inclusive finance to shore up the real economy and lower the actual costs of financing, lowering the RRR for banks that meet assessment criteria by 0.5 to 1 per cent. In addition, eligible joint-stock commercial banks will enjoy an additional targeted RRR cut of one percentage point for lending in inclusive finance. The cuts will release RMB550 billion of long-term funds. Implementing a sound monetary policy while making it more flexible and appropriate, the PBC will attach greater importance to facilitating the recovery of the real economy. Refraining from indiscriminate massive stimulus, the PBC will strike a balance between internal and external equilibria, keep liquidity reasonable and adequate, ensure the growth of money and credit as well as the Aggregate Financing to the Real

¹³⁶ Diversify Investor Base for Treasury Bond Futures and Promote Sound and Orderly Market Development. Access Date: 20 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3977429/index.html>

¹³⁷ PBC Conducted CBS Operation on February 28. Access Date: 20 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3980004/index.html>

¹³⁸ China steps up support for self-employed businesses amid epidemic. Access Date: 20 March 2020. http://www.china.org.cn/business/2020-02/29/content_75758024.htm

¹³⁹ China speeds up 'new infrastructure' investment to combat economic pressure. Access Date: 20 March 2020. http://www.china.org.cn/business/2020-03/05/content_75777877.htm

¹⁴⁰ PBC, NDRC and Four Other Authorities Jointly Release the Work Plan for Coordinated Regulation of Financial Infrastructures. Access Date: 20 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3988223/index.html>

Economy well aligned with economic growth, so as to create a favorable monetary and financial environment for high-quality development and supply-side structural reform.¹⁴¹

China has taken actions to both promote inclusive growth, as well as to safeguard against downside risk.

Thus, China receives a score of +1.

Analyst: Zhenyu Xu

France: +1

France has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 2 July 2019, the Ministry of Economy and Finance organized a meeting with representatives from the Paris financial marketplace to launch a new step in its commitment to addressing climate change and announced it was strengthening its commitments with a view to speeding up the transition to an economy that is compatible with international commitments to limit global warming.¹⁴² The Ministry of Economy and Finance will continue working hard to increase the greening of the financial system.¹⁴³ The transparency framework applied by financial entities with respect to the climate will be amended under the energy and climate law, in light of the evaluation, which is due to be published this week, and to bring it into line with the new European framework.¹⁴⁴

On 9 July 2019, Prime Minister Édouard Philippe delivered a speech at the Paris Europlace International Forum, which seeks to promote and develop the Paris financial centre.¹⁴⁵ Prime Minister Philippe took the opportunity to point out that “the French economy has become the most competitive and attractive in Europe” and that three challenges remain to be overcome: the reorganization of the European financial system, the financing of growth, and sustainable finance.¹⁴⁶ To give new impetus to capital markets, France, together with Germany and the Netherlands, launched a high-level group to make proposals. This will doubtless produce results, like the rebirth of Euronext, which has extended its federal model to other European stock exchanges.¹⁴⁷

On 11 July 2019, the government passed a corporate tax rare cut from 33.3 per cent to 25 per cent by 2022.¹⁴⁸ Reducing the tax will provide more room for maneuver with regard to investment, innovation and success. It is also a key factor in the country’s attractiveness.¹⁴⁹

¹⁴¹ PBC Scheduled to Conduct Targeted RRR Cuts on March 16, Releasing RMB550 Billion Long-term Funds. Access Date: 20 March 2020. <http://www.pbc.gov.cn/en/3688110/3688172/3989478/index.html>

¹⁴² A further step towards greening the financial system, 2 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/a-further-step-towards-greening-the-financial-system>

¹⁴³ A further step towards greening the financial system, 2 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/a-further-step-towards-greening-the-financial-system>

¹⁴⁴ A further step towards greening the financial system, 2 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/a-further-step-towards-greening-the-financial-system>

¹⁴⁵ Paris Europlace: the challenges to overcome, 10 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/paris-europlace-the-challenges-to-overcome>

¹⁴⁶ Paris Europlace: the challenges to overcome, 10 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/paris-europlace-the-challenges-to-overcome>

¹⁴⁷ Paris Europlace: the challenges to overcome, 10 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/paris-europlace-the-challenges-to-overcome>

¹⁴⁸ Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

On 11 July 2019, Parliament adopted a tax on the digital giants following a final vote by the Senate.¹⁵⁰ The new tax re-establishes fiscal justice by obliging this new economic model to obey the same rules as those applying to all other economic activities.¹⁵¹ The tax is 3 per cent and is levied on turnover.¹⁵² It only concerns companies whose turnover from provision of digital services exceeds EUR750 million at international level and EUR25 million at national level.¹⁵³

On 2 September 2019, the Ministry of Economics and Finance and Japanese Minister of Economy, Trade and Industry Hiroshige Seko exchanged views and shared information about the latest situation about the Alliance formed between Renault and Nissan.¹⁵⁴ They reaffirmed the strong support of both the French and the Japanese Governments to the Alliance formed between Renault and Nissan and encouraged both companies' sincere discussion to enhance competitiveness of the Alliance and their shared wish to maintain and reinforce this winning cooperation.¹⁵⁵

On 16 September 2019, Prime Minister Philippe presented the government's ambition for logistics on a visit to Aulnay-sous-Bois (Seine-Saint-Denis), which was based in particular on new organisation between businesses, the State and various partners.¹⁵⁶ The logistics sector represents 10 per cent of France's gross domestic product (GDP) and 1.8 million jobs. France has four major international gateways: Le Havre, Marseille, Dunkirk and Roissy.¹⁵⁷ Logistics is a strategic sector for France.¹⁵⁸ In order to improve its competitiveness, the Prime Minister announced the creation of France Logistique, which is opening up a new method of organisation between businesses (carriers, logistics specialists, shippers), the State and partners (sectors, regions).¹⁵⁹ An interministerial logistics committee will meet annually.¹⁶⁰

On 20 September 2019 the Franco-German Economic and Financial Council released a joint statement. On trade, it stated "we remain committed to supporting a proportionate and clear EU response, preventing escalation through fair and balanced negotiated solutions and asserting

¹⁴⁹ Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

¹⁵⁰ Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

¹⁵¹ Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

¹⁵² Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

¹⁵³ Tax on digital services: an efficacious fiscal justice measure, 12 July 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/tax-on-digital-services-an-efficacious-fiscal-justice-measure>

¹⁵⁴ Automotive industry: Franco-Japanese cooperation, 2 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/automotive-industry-franco-japanese-cooperation>

¹⁵⁵ Automotive industry: Franco-Japanese cooperation, 2 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/automotive-industry-franco-japanese-cooperation>

¹⁵⁶ France's ambition for logistics, 17 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁵⁷ France's ambition for logistics, 17 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁵⁸ France's ambition for logistics, 17 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁵⁹ France's ambition for logistics, 17 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁶⁰ France's ambition for logistics, 17 September 2019. Access Date: 3 February 2020.
<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

European rights under WTO rules in case of trade sanctions,” continuing by stating “it is essential to protect the EU’s trade policy and sovereignty.”¹⁶¹

On 16 October 2019 the French-German Declaration of Toulouse was released. It stated that “trade tensions should be addressed” and recommitted to “safeguard and strengthen the multilateral trading system with a reformed WTO at its core.”¹⁶² This included on improving rules, reinforcing monitoring and implementation mechanisms, and securing two-tiered dispute settlement system. It included encouraging the EU to continue its engagement with the U.S. and other countries. It included a statement of support to update trade policy compatibility with EU climate policies, including social and environmental dimensions.

On 20 November 2019, the Council of Economic Analysis released a memo on reforming taxation.¹⁶³ According to the memo’s estimate, EUR4.6 billion of corporate tax revenue is lost annually in France due to tax avoidance by French and foreign multinationals through tax havens.¹⁶⁴ The reform will impose a minimum tax rate on the profits of multinational and also require that a portion of the profits of multinationals be taxed where their consumers or internet users are located.¹⁶⁵

On 13 January 2020, Minister of Economy and Finance Bruno Le Maire and Minister of State for the Digital Sector Mounir Mahjoubi, met with France’s institutional investors at their offices to officially set out their funding pledges for tech business and mark the starting point of their implementation phase.¹⁶⁶ The investors’ pledges will be valid for both the private equity segment, by financing French venture capital funds, and listed investments, by awarding global tech mandates to asset managers based in France.¹⁶⁷

On 19 January 2020, President Emmanuel Macron and US President Donald Trump agreed to avoid tariff escalation and to continue efforts to reach an international agreement under Organisation for Economic Co-operation and Development (OECD) on taxing digital companies by the end of 2020.¹⁶⁸ By avoiding tariff escalation, the aim is to protect French companies, and particularly those in the agricultural sector.¹⁶⁹

On 23 January 2020, Minister Le Maire and American Secretary of Treasury reached an agreement on a common global framework between France and the United States on digital tax.¹⁷⁰ Digital

¹⁶¹ 50th Franco-German Economic and Financial Council, German Federal Ministry for Economic Affairs and Energy, 20 September 2019. Access Date: 23 September 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190919-50th-franco-german-economic-and-financial-council.html>.

¹⁶² French-German Declaration of Toulouse, France’s Ministry for Europe and Foreign Affairs, 16 October 2019. Access Date: 23 September 2020. <https://www.diplomatie.gouv.fr/en/country-files/germany/events/article/french-german-declaration-of-toulouse-16-oct-19>.

¹⁶³ International corporate tax, 20 November 2019. Access Date: 3 February 2020.

<https://www.gouvernement.fr/en/international-corporate-tax>

¹⁶⁴ International corporate tax, 20 November 2019. Access Date: 3 February 2020.

<https://www.gouvernement.fr/en/international-corporate-tax>

¹⁶⁵ International corporate tax, 20 November 2019. Access Date: 3 February 2020.

<https://www.gouvernement.fr/en/international-corporate-tax>

¹⁶⁶ €6bn for tech companies, 13 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/eu6bn-for-tech-companies>

¹⁶⁷ €6bn for tech companies, 13 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/eu6bn-for-tech-companies>

¹⁶⁸ Digital tax, 28 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/digital-tax>

¹⁶⁹ Digital tax, 28 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/digital-tax>

¹⁷⁰ Digital tax, 28 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/digital-tax>

companies will pay their fair share of taxes in 2020.¹⁷¹ France wishes to use this time to progress towards an international solution under the OECD based on two pillars of minimum tax (global minimum tax on companies) and digital tax.¹⁷²

On 12 March 2020, President Macron announced in his speech that the government would set up a EUR45 billion fund to be used for cancelling of deferring social security contribution for companies, in order to prevent the bankruptcy of those affected by the stoppage or a sharp slowdown in their activities. In addition, a guarantee fund of EUR300 billion should make it possible to secure bank loans taken out by companies so as to avoid any risk of bankruptcy, particularly of small and medium-sized enterprises.¹⁷³

On 17 March 2020, Minister Le Maire said that France will pump EUR45 billion (USD50.22 billion) of crisis measures into the economy to help companies and workers, with output expected to contract 1 per cent this year due to the coronavirus outbreak. Le Maire said the package — worth nearly 2 per cent of GDP — would inevitably weigh on the public finances and push the national debt over 100 per cent of GDP.¹⁷⁴

On 18 March 2020, Minister Le Maire unveiled various provisions for adaptation to European Union economic and financial law. Empowering the government in this way, as justified by this exceptional situation, will enable it to respond, where applicable within tight timescales. The need for the measures to be adopted will, however, be assessed in due course in light of the progress made in the ongoing negotiations; these measures will be taken in liaison with the European Commission, in keeping with its mandate.¹⁷⁵

On 20 March 2020, The European Commission approved France's plan to guarantee up to EUR300 billion (USD323 billion) in state aid to ease the economic burden of the coronavirus. The EU body approved three measures by France to help its economy manage the impact of the coronavirus outbreak. These are expected to mobilize EUR300 billion of liquidity support for companies affected by this unprecedented situation.¹⁷⁶

France has taken actions to both promote inclusive growth, as well as to safeguard against downside risk.

Thus, France receives a score of +1.

Analyst: Zhenyu Xu

Germany: +1

Germany has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

¹⁷¹ Digital tax, 28 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/digital-tax>

¹⁷² Digital tax, 28 January 2020. Access Date: 3 February 2020. <https://www.gouvernement.fr/en/digital-tax>

¹⁷³ After declaring 'war' on COVID-19, France readies measures to uphold economy. Access Date: 21 March 2020. <https://www.euractiv.com/section/coronavirus/news/after-declaring-war-on-covid-19-france-readies-measures-to-uphold-economy/>

¹⁷⁴ France to Mobilize 45 Billion Euros as Economy Slumps 1% in 2020. Access Date: 21 March 2020.

<https://www.nytimes.com/reuters/2020/03/17/world/europe/17reuters-health-coronavirus-france-economy.html>

¹⁷⁵ Adaptation to European Union economic and financial law. Access Date: 21 March 2020.

<https://www.gouvernement.fr/en/adaptation-to-european-union-economic-and-financial-law>

¹⁷⁶ EU backs France's €300 billion in aid to businesses hurt by virus. Access Date: 21 March 2020. <https://www.france24.com/en/20200321-eu-backs-france-s-%E2%AC300-billion-in-aid-to-businesses-hurt-by-coronavirus>

On 20 September 2019 the Franco-German Economic and Financial Council released a joint statement. On trade, it stated “we remain committed to supporting a proportionate and clear EU response, preventing escalation through fair and balanced negotiated solutions and asserting European rights under WTO rules in case of trade sanctions,” continuing by stating “it is essential to protect the EU’s trade policy and sovereignty.”¹⁷⁷

On 24 September 2019, Minister Altmaier hosted the third Industrial Conference in Berlin in order to discuss expanding Germany’s industrial competitiveness.¹⁷⁸ Germany announced that it must develop new technology and to “safeguard and strengthen growth, prosperity, and jobs.”¹⁷⁹ The conference was attended by 17 members representing civil society — industrial organizations, employers’ organizations and unions, alongside two government ministries.¹⁸⁰ Unions expressed the need to strengthen innovation within the industry and to take account the necessity of ecological restructuring.¹⁸¹

On 16 October 2019 the French-German Declaration of Toulouse was released. It stated that “trade tensions should be addressed” and recommitted to “safeguard and strengthen the multilateral trading system with a reformed WTO at its core.”¹⁸² This included on improving rules, reinforcing monitoring and implementation mechanisms, and securing two-tiered dispute settlement system. It included encouraging the EU to continue its engagement with the U.S. and other countries. It included a statement of support to update trade policy compatibility with EU climate policies, including social and environmental dimensions.

On 17 October 2019, Economic Affairs Minister Peter Altmaier and Federal Minister of Education and Research Anja Karliczek signed the Franco-German Roadmap with the French Minister of Economy and Finance Bruno Le Maire and French Research Minister Frédérique Vidal.¹⁸³ The roadmap is for research and innovation on artificial intelligence. Minister Altmaier also agreed to cooperation with France on economic and fiscal policy within the new framework of the Aachen Treaty.¹⁸⁴

On 6 November 2019, State Secretary at the Federal Ministry for Economic Affairs and Energy Ulrich Nussbaum and the Japanese Vice Minister of Economy, Trade, and Industry, Shigehiro

¹⁷⁷ 50th Franco-German Economic and Financial Council, German Federal Ministry for Economic Affairs and Energy, 20 September 2019. Access Date: 23 September 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190919-50th-franco-german-economic-and-financial-council.html>.

¹⁷⁸ Boosting industrial competitiveness (Berlin) 24 September 2019. Access Date: 3 February 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190924-boosting-industrial-competitiveness.html>

¹⁷⁹ Boosting industrial competitiveness (Berlin) 24 September 2019. Access Date: 3 February 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190924-boosting-industrial-competitiveness.html>

¹⁸⁰ Boosting industrial competitiveness (Berlin) 24 September 2019. Access Date: 3 February 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190924-boosting-industrial-competitiveness.html>

¹⁸¹ Boosting industrial competitiveness (Berlin) 24 September 2019. Access Date: 3 February 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20190924-boosting-industrial-competitiveness.html>

¹⁸² French-German Declaration of Toulouse, France’s Ministry for Europe and Foreign Affairs, 16 October 2019. Access Date: 23 September 2020. <https://www.diplomatie.gouv.fr/en/country-files/germany/events/article/french-german-declaration-of-toulouse-16-oct-19>.

¹⁸³ Joint declarations from the 21st Franco-German Ministerial Council (Berlin) 17 October 2019. Access Date: 3 February 2020. <https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20191017-joint-declarations-from-the-21st-franco-german-ministerial-council.html>

¹⁸⁴ Joint declarations from the 21st Franco-German Ministerial Council (Berlin) 17 October 2019. Access Date: 3 February 2020. <https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20191017-joint-declarations-from-the-21st-franco-german-ministerial-council.html>

Tanaka, signed a joint statement to strengthen cooperation on trade issues and to work towards renewable energies, artificial intelligence, and other forward-looking technologies.¹⁸⁵

On 29 November 2019, the Bundestag approved the 2020 Federal Ministry for Economic Affairs and Energy budget, which increased its funding by EUR1.022 billion from the 2019 budget.¹⁸⁶ Federal Minister Altmaier announced that part of the budget will be spent on new technologies for sustainable economic development, such as electric transportation, battery cell production, funding for small and medium enterprises, developing artificial intelligence, and providing support to regions affected by structural changes.¹⁸⁷

On 1 March 2020, Head of the Federal Office for Migration and Refugees Hans-Eckhard Sommer announced that Germany will implement a new immigration law which will make it easier for skilled foreigners to work in Germany.¹⁸⁸ The new immigration law will remove the provision which states that those outside the European Union may take a job in Germany if there are no workers from the European Union that can take that job.¹⁸⁹

On 4 March 2020, Chancellor Angela Merkel has announced that the government will aid companies and employees affected by the coronavirus outbreak by investing EUR12.4 billion in a stimulus package.¹⁹⁰ In addition, the coalition relaxed regulations on short-term work compensation, allowing larger companies to attain aid to offset profits during forcible shut-downs.¹⁹¹

Germany has taken action in promoting sustainable growth and trade with nations outside of Europe and has worked towards minimizing downside risk.

Thus, Germany receives a score of +1.

Analyst: Mathuja Jeyakumar

India: +1

India has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

¹⁸⁵ Germany and Japan intensify cooperation on trade issues and forward-looking technologies — signing of a joint statement (Berlin) November 6 2019. Access Date: 3 February 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20191106-germany-and-japan-intensify-cooperation-on-trade-issues-and-forward-looking-technologies.html>

¹⁸⁶ Minister Altmaier: Federal Ministry for Economic Affairs and Energy Budget is a Good Signal for Technologies of the Future (Berlin) 29 November 2019. Access Date: 17 March 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20191129-altmaier-federal-ministry-for-economic-affairs-and-energy-budget-is-a-good-signal-for-technologies-of-the-future.html>

¹⁸⁷ Minister Altmaier: Federal Ministry for Economic Affairs and Energy Budget is a Good Signal for Technologies of the Future (Berlin) 29 November 2019. Access Date: 17 March 2020.

<https://www.bmwi.de/Redaktion/EN/Pressemitteilungen/2019/20191129-altmaier-federal-ministry-for-economic-affairs-and-energy-budget-is-a-good-signal-for-technologies-of-the-future.html>

¹⁸⁸ Germany's BAMF looks to southern Europe for skilled labor (Bonn) 1 February 2020. Access Date: 3 February 2020.

<https://www.dw.com/en/germanys-bamf-looks-to-southern-europe-for-skilled-labor/a-52225546>

¹⁸⁹ Germany sets out new law to find skilled immigrants (Bonn) 20 November 2018. Access Date: 3 February 2020.

<https://www.dw.com/en/germany-sets-out-new-law-to-find-skilled-immigrants/a-46381146>

¹⁹⁰ Germany boosts investments to bolster economy amid virus fallout (Berlin) 9 March 2020. Access Date: 17 March 2020. <https://www.thejakartapost.com/news/2020/03/09/germany-boosts-investments-to-bolster-economy-amid-virus-fallout.html>

¹⁹¹ Germany boosts investments to bolster economy amid virus fallout (Berlin) 9 March 2020. Access Date: 17 March 2020. <https://www.thejakartapost.com/news/2020/03/09/germany-boosts-investments-to-bolster-economy-amid-virus-fallout.html>

On 4 August 2019, the state government of Jharkhand announced a free refill-scheme for liquified petroleum gas (LPG) for families living below the poverty line.¹⁹² The scheme aims to replace hazardous cooking fuels used in rural India with clean and efficient alternatives.¹⁹³

On 4 August 2019, the state of Western Odisha announced a raise in the average number of days of employment for citizens under the Mahatma Gandhi National Rural Employment Guarantee Scheme as well as an upgrade of welfare benefits.¹⁹⁴ In doing so, it hopes to tackle poverty migration and improve labour market access for marginalized communities.¹⁹⁵

On 27 August 2019, Chief Minister of Chhattisgarh Bhupesh Baghel announced a minimum income guarantee scheme for 20 per cent of the poorest families of the state.¹⁹⁶ The scheme attempts to reduce poverty and remonetise the economy.¹⁹⁷

On 18 September 2019, the government announced a plan to peg wages for workers under the Mahatma Gandhi National Rural Employment Guarantee Act to inflation.¹⁹⁸ The measure is expected to increase wages, thereby increasing purchasing power and reviving demand in rural areas.¹⁹⁹

On 19 September 2019 Chief Minister of Karnataka B.S. Yediyurappa announced to establish an exclusive body to boost innovation in information technology.²⁰⁰ He announced steps to strengthen conditions for a strong start-up culture in the state, thereby promoting fast and inclusive growth.²⁰¹

¹⁹² PM Ujjwala Yojana beneficiaries in Jharkhand to get free LPG refill, The Hindu (Chennai), 04 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/pm-ujjwala-yojana-beneficiaries-in-jharkhand-to-get-free-lpg-refill/article28813147.ece>

¹⁹³ PM Ujjwala Yojana beneficiaries in Jharkhand to get free LPG refill, The Hindu (Chennai), 04 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/pm-ujjwala-yojana-beneficiaries-in-jharkhand-to-get-free-lpg-refill/article28813147.ece>

¹⁹⁴ Odisha attempts to improve work participation under MGNREGS, The Hindu (Chennai), 04 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/odisha-attempts-to-improve-work-participation-under-mgnregs/article28810891.ece>

¹⁹⁵ Odisha attempts to improve work participation under MGNREGS, The Hindu (Chennai), 04 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/odisha-attempts-to-improve-work-participation-under-mgnregs/article28810891.ece>

¹⁹⁶ Chhattisgarh to launch a pilot project on NYAY scheme, The Hindu (Chennai), 27 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/chhattisgarh-to-launch-a-pilot-project-on-nyay-scheme/article29262099.ece>

¹⁹⁷ Chhattisgarh to launch a pilot project on NYAY scheme, The Hindu (Chennai), 27 August 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/chhattisgarh-to-launch-a-pilot-project-on-nyay-scheme/article29262099.ece>

¹⁹⁸ Government to peg MGNREGA wages to inflation in bid to hike incomes, The Hindu (Chennai), 18 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/government-to-peg-mgnrega-wages-to-inflation-in-bid-to-hike-incomes/article29443145.ece>

¹⁹⁹ Government to peg MGNREGA wages to inflation in bid to hike incomes, The Hindu (Chennai), 18 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/government-to-peg-mgnrega-wages-to-inflation-in-bid-to-hike-incomes/article29443145.ece>

²⁰⁰ Karnataka to set up exclusive body to boost innovation, The Hindu (Chennai), 19 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/karnataka/karnataka-to-set-up-exclusive-body-to-boost-innovation/article29462048.ece>

²⁰¹ Karnataka to set up exclusive body to boost innovation, The Hindu (Chennai), 19 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/karnataka/karnataka-to-set-up-exclusive-body-to-boost-innovation/article29462048.ece>

On 20 September 2019, Minister of Finance Nirmala Sitharaman announced the reduction of the corporate tax rate for domestic firms and new manufacturing units by 10 to 12 per cent.²⁰² The policy aims to increase investment, leading to more jobs and economic activity in India.²⁰³

On 15 October 2019, Chief Minister of Andhra Pradesh Y.S. Jagan Mohan Reddy launched a financial support scheme for farmers, stressing that the condition of farmers was a vital sign of economic growth and progress.²⁰⁴ He also announced that the government would run shops to market subsidised seeds, fertilizers and pesticides as well as offer cold storage and processing facilities, thereby aiming at improving the productivity and living conditions of farmers.²⁰⁵

On 28 October 2019, the Supreme Court approved the raise if minimum wages adopted by the state government in Delhi.²⁰⁶ The policy attempts to tackle recession and poverty in the capital.²⁰⁷

On 27 November 2019, the government of Andhra Pradesh decided to raise the income limit for the Below Poverty Line category.²⁰⁸ Parallel to this, it also announced to introduce a new scheme to provide financial assistance for women aged 45 to 60.²⁰⁹

On 1 December 2019, Governor of Maharashtra B.S. Koshayari announced plans to ensure that 80 per cent of jobs in the private sector are reserved for locals.²¹⁰ The aim of this law is to reduce unemployment in the state.²¹¹

On 4 December 2019, the Delhi Assembly passed a bill to set up a skill and entrepreneurship university.²¹² Chief Minister Arvid Kejirwal said the university will create jobs and increase economic productivity.²¹³

²⁰² Govt cuts corporate tax to spur investment, jobs, The Hindu (Chennai), 20 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/business/Economy/govt-cuts-corporate-tax-to-spur-investment-jobs/article29469500.ece>

²⁰³ Govt cuts corporate tax to spur investment, jobs, The Hindu (Chennai), 20 September 2019. Access Date: 07.02.2020. <https://www.thehindu.com/business/Economy/govt-cuts-corporate-tax-to-spur-investment-jobs/article29469500.ece>

²⁰⁴ A.P. govt. launches Rythu Bharosa scheme that provides ₹13,500 to farmers, The Hindu (Chennai), 15 October 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/no-eligible-farmer-will-be-left-out-jagan/article29694153.ece>

²⁰⁵ A.P. govt. launches Rythu Bharosa scheme that provides ₹13,500 to farmers, The Hindu (Chennai), 15 October 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/no-eligible-farmer-will-be-left-out-jagan/article29694153.ece>

²⁰⁶ 55 lakh workers to benefit from increased minimum wages notified by Delhi govt: Arvind Kejriwal, The Hindu (Chennai), 28 October 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Delhi/55-lakh-workers-to-benefit-from-increased-minimum-wages-notified-by-delhi-govt-arvind-kejriwal/article29813006.ece>

²⁰⁷ 55 lakh workers to benefit from increased minimum wages notified by Delhi govt: Arvind Kejriwal, The Hindu (Chennai), 28 October 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Delhi/55-lakh-workers-to-benefit-from-increased-minimum-wages-notified-by-delhi-govt-arvind-kejriwal/article29813006.ece>

²⁰⁸ Andhra Pradesh to raise income limit for BPL category, The Hindu (Chennai), 27 November 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/andhra-pradesh-to-raise-income-limit-for-bpl-category/article30098727.ece>

²⁰⁹ Andhra Pradesh to raise income limit for BPL category, The Hindu (Chennai), 27 November 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/andhra-pradesh-to-raise-income-limit-for-bpl-category/article30098727.ece>

²¹⁰ Maharashtra to ensure 80% quota in private jobs for locals, says Koshayari, The Hindu (Chennai), 01 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/maharashtra-governor-bhagat-singh-koshayari-addresses-the-joint-sitting-of-legislature/article30129998.ece>

²¹¹ Maharashtra to ensure 80% quota in private jobs for locals, says Koshayari, The Hindu (Chennai), 01 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/other-states/maharashtra-governor-bhagat-singh-koshayari-addresses-the-joint-sitting-of-legislature/article30129998.ece>

On 18 December 2019, the government announced its vision of providing all villages in the country with broadband access by 2022.²¹⁴ Besides closing the digital divide and ensuring access and inclusion of all parts of society, this also entails investments from various stakeholders.²¹⁵

On 22 December 2019, Chief Minister Jagan Mohan Reddy launched the Nethanna Nestham scheme, under which 85,000 handloom weaver families across Andhra Pradesh will be receiving financial aid for the duration of five years.²¹⁶ This is part of the government's commitment to uplift the lower classes.²¹⁷

On 9 January 2020, the state government of Kerala announced it was readying a scheme to extend wage subsidies to new investors for a five-year period based on the number of jobs they create.²¹⁸ Special attention will be given to female employees.²¹⁹ The measure aims to tackle unemployment at the State.²²⁰

On 25 January 2020, Home Minister of Karnataka Basavaraj Bommai announced that the State government wanted to promote integrated development of the coastal districts, which a special focus on fisheries and harbours as well as infrastructure development to connect the hinterlands with the coast.²²¹ These aim of these measures would be to improve the export capacity of the State and ultimately enhance economic development.²²²

On 1 February 2020, during the presentation of the budget, Minister of Finance Nirmala Sitharaman introduced planned transport infrastructure investments of INR1.7 million. The planned investments include the development of a solar power capacity for Indian Railways and the introduction of a Chennai-Bengaluru Expressway as well as a suburban rail project in Bengaluru. The budget plan also

²¹² Assembly passes Bill to set up skill and entrepreneurship university, The Hindu (Chennai), 04 December 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Delhi/assembly-passes-bill-to-set-up-skill-and-entrepreneurship-university/article30153705.ece>

²¹³ Assembly passes Bill to set up skill and entrepreneurship university, The Hindu (Chennai), 04 December 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Delhi/assembly-passes-bill-to-set-up-skill-and-entrepreneurship-university/article30153705.ece>

²¹⁴ Govt. aims to provide broadband access to all villages by 2022, The Hindu (Chennai), 17 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/govt-unveils-7-lakh-cr-national-broadband-mission/article30332256.ece>

²¹⁵ Govt. aims to provide broadband access to all villages by 2022, The Hindu (Chennai), 17 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/govt-unveils-7-lakh-cr-national-broadband-mission/article30332256.ece>

²¹⁶ Jagan launches scheme for handloom weavers, The Hindu (Chennai), 22 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/jagan-launches-scheme-for-handloom-weavers/article30369202.ece>

²¹⁷ Jagan launches scheme for handloom weavers, The Hindu (Chennai), 22 December 2019. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/andhra-pradesh/jagan-launches-scheme-for-handloom-weavers/article30369202.ece>

²¹⁸ Wage subsidy for new investors soon: CM, The Hindu (Chennai), 09 January 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/kerala/wage-subsidy-for-new-investors-soon-cm/article30524947.ece>

²¹⁹ Wage subsidy for new investors soon: CM, The Hindu (Chennai), 09 January 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/kerala/wage-subsidy-for-new-investors-soon-cm/article30524947.ece>

²²⁰ Wage subsidy for new investors soon: CM, The Hindu (Chennai), 09 January 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/national/kerala/wage-subsidy-for-new-investors-soon-cm/article30524947.ece>

²²¹ Minister Bommai says State govt. will promote integrated development of coastal districts, The Hindu (Chennai), 27 January 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Mangalore/minister-bommai-says-state-govt-will-promote-integrated-development-of-coastal-districts/article30660866.ece>

²²² Minister Bommai says State govt. will promote integrated development of coastal districts, The Hindu (Chennai), 27 January 2020. Access Date: 07.02.2020. <https://www.thehindu.com/news/cities/Mangalore/minister-bommai-says-state-govt-will-promote-integrated-development-of-coastal-districts/article30660866.ece>

contained plans to develop five new smart cities and promote industry and commerce with INR273 billion by 2021. Additionally, Minister Sitharaman proposed to raise fish production.²²³

On 2 February 2020, the government introduced a proposal to remove the dividend distribution tax.²²⁴ The new tax regime is expected to spur investment in the capital market especially by lower income individuals.²²⁵

On 6 February 2020, the Monetary Policy Committee of the Reserve Bank of India (RBI) decided to keep its repo rates unchanged.²²⁶ It did so in reaction to accelerating inflation, with some analysis even speaking of stagflation.²²⁷

On 8 February 2020, Kerala Minister of Finance T.M. Thomas Isaac announced that 5,000 kilometres of roads will be completed in the state until 2021.²²⁸ The 2020-2021 budget also contains plans to invest in waterway and railway development.²²⁹

On 8 February 2020, Kerala Finance Minister Isaac announced an INR3.2 billion allocation in the state budget for the tourism sector.²³⁰ The funds will support existing tourist destinations as well as new projects in maintaining growth.²³¹

On 10 February 2020, the RBI announced that banks are now allowed to deduct the equivalent amount of incremental credit disbursed by them as retail loans and loans to micro, small and medium enterprises over and above the outstanding level of credit to these segments from their net demand and time liabilities for maintenance of the cash reserve ratio.²³² This step is part of RBI's strategy to

²²³ Budget 2020 live updates | New scheme to bring down direct tax disputes, The Hindu (Chennai), 01 February 2020. Access Date: 07.02.2020. <https://www.thehindu.com/business/budget/2020-union-budget-live-updates/article30709479.ece>

²²⁴ New dividend distribution tax framework would encourage investments, debt MFs: CBDT, The Hindu (Chennai), 02 February 2020. Access Date: 08.02.2020. <https://www.thehindu.com/news/national/new-ddt-framework-would-encourage-investments-debt-mfs-cbdt/article30720970.ece>

²²⁵ New dividend distribution tax framework would encourage investments, debt MFs: CBDT, The Hindu (Chennai), 02 February 2020. Access Date: 08.02.2020. <https://www.thehindu.com/news/national/new-ddt-framework-would-encourage-investments-debt-mfs-cbdt/article30720970.ece>

²²⁶ Indian central bank holds rate steady as expected amid accelerating inflation. Reuters (Toronto), 06 February 2020. Access Date: 07.02.2020. <https://www.nasdaq.com/articles/indian-central-bank-holds-rates-steady-as-expected-amid-accelerating-inflation-2020-02-0>

²²⁷ India's central bank holds steady, seeks balance growth and inflation risks, Gulf News (Dubai), 06 February 2020. Access Date: 07.02.2020. <https://gulfnews.com/business/indiass-central-bank-holds-steady-seeks-balance-growth-and-inflation-risks-1.69532345>

²²⁸ 5,000 km of roads to be completed next fiscal year, The Hindu (Chennai), 08 February 2020. Access Date: 08.02.2020. <https://www.thehindu.com/news/national/kerala/5000-km-of-roads-to-be-completed-next-fiscal/article30766316.ece>

²²⁹ 5,000 km of roads to be completed next fiscal year, The Hindu (Chennai), 08 February 2020. Access Date: 08.02.2020. <https://www.thehindu.com/news/national/kerala/5000-km-of-roads-to-be-completed-next-fiscal/article30766316.ece>

²³⁰ Thatwamasi circuit, museums in Alappuzha among projects, The Hindu (Chennai), 08 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/kerala/kerala-budget-cbl-to-drive-tourism-marketing/article30766293.ece>

²³¹ Thatwamasi circuit, museums in Alappuzha among projects, The Hindu (Chennai), 08 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/kerala/kerala-budget-cbl-to-drive-tourism-marketing/article30766293.ece>

²³² Incentivising Bank Credit to Specific Sectors — Exemption from CRR Maintenance, Reserve Bank of India (Mumbai), 10 February 2020. Access Date: 16.03.2020. <https://www.rbi.org.in/Scripts/NotificationUser.aspx?Id=11807&Mode=0>

facilitate the flow of bank credit to productive sectors that are likely to have multiplier effects and hence to support economic growth.²³³

On 11 February 2020, Punjab's Mahatma Gandhi State Institute of Public Administration and the National Institute of Smart Government signed a memorandum of understanding for capacity building on digital government services in Punjab.²³⁴ It covers the sharing of infrastructure as well as the training of civil servants.²³⁵

On 12 February 2020, Kerala Minister for Women and Child Development K.K. Shylaja announced the set-up of fifteen creches for the children of agricultural workers.²³⁶ The pilot project is intended to ensure the development well-being of disadvantaged children.²³⁷

On 12 February 2020, the Confederation of Indian Industry opened a new chapter in Karnataka.²³⁸ Chapter chair K. Prakash Rao said the chapter would dedicate its work to develop the region through work on production excellence, finance and taxation, industry-academia interaction, information technology, basic infrastructure and transportation and tourism.²³⁹

On 15 February 2020, Tamil Nadu Deputy Chief Minister O. Panneerselvam announced that the State Government will launch the Chennai City Partnership in cooperation with the World Bank.²⁴⁰ The partnership comprises urban mobility, water resilience and urban governance and is intended to spur the sustainable growth of Chennai and the surrounding region.²⁴¹

On 17 February 2020, the government of Tamil Nadu announced it would reduce staff and bureaucracy in an effort to enhance the productivity of government departments and thereby free up resources for development programmes.²⁴²

²³³ Incentivising Bank Credit to Specific Sectors — Exemption from CRR Maintenance, Reserve Bank of India (Mumbai), 10 February 2020. Access Date: 16.03.2020. <https://www.rbi.org.in/Scripts/NotificationUser.aspx?Id=11807&Mode=0>

²³⁴ MoU signed for capacity building, The Hindu (Chennai), 11 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/mou-signed-for-capacity-building/article30788414.ece>

²³⁵ MoU signed for capacity building, The Hindu (Chennai), 11 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/mou-signed-for-capacity-building/article30788414.ece>

²³⁶ Kerala plans to establish 15 anganwadi-cum-creches, The Hindu (Chennai), 12 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Thiruvananthapuram/state-plans-to-establish-15anganwadi-cum-creches/article30796058.ece>

²³⁷ Kerala plans to establish 15 anganwadi-cum-creches, The Hindu (Chennai), 12 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Thiruvananthapuram/state-plans-to-establish-15anganwadi-cum-creches/article30796058.ece>

²³⁸ CII opens Mangaluru chapter to concentrate on region's growth, The Hindu (Chennai), 12 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/karnataka/cii-opens-mangaluru-chapter-to-concentrate-on-regions-growth/article30796310.ece>

²³⁹ CII opens Mangaluru chapter to concentrate on region's growth, The Hindu (Chennai), 12 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/karnataka/cii-opens-mangaluru-chapter-to-concentrate-on-regions-growth/article30796310.ece>

²⁴⁰ Plan comprises urban mobility, water resilience, urban governance and finance, The Hindu (Chennai), 15 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/chennai/a-billion-dollar-project-for-sustainable-growth-of-the-city/article30825109.ece>

²⁴¹ Plan comprises urban mobility, water resilience, urban governance and finance, The Hindu (Chennai), 15 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/chennai/a-billion-dollar-project-for-sustainable-growth-of-the-city/article30825109.ece>

²⁴² The Staff Rationalisation Committee's report, submitted to the Chief Minister last week, looks at rationalising revenue expenditures among other aspects, The Hindu (Chennai), 17 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/tamil-nadu/tamil-nadu-to-implement-rationalisation-committee-recommendations/article30840353.ece>

On 17 February 2020, during the inauguration of the BioAsia 2020 conference on the life sciences sector, Telangana Industries and IT Minister K.T. Rama Rao explained that the Telangana government intends to support the state capital Hyderabad's emergence as a major hub for life sciences through the government's Life Sciences Grid.²⁴³ It is a planned network of infrastructure, stakeholders, skilled workforce and efficient processes in support of the life sciences sector.²⁴⁴

On 21 February 2020, the Kerala State Government opened a Custom's Electronic Data Interchange clearance facility at Beypore Port.²⁴⁵ The facility is expected to increase business growth and promote economic growth in the area and is part of a government initiative to promote smaller ports.²⁴⁶

On 25 February 2020, Mumbai's Chhatrapatri Shivaji Maharaj International Airport announced the introduction of new routes to destinations in the Commonwealth of Independent States (CIS), thereby promoting tourism and trade between the CIS and India.²⁴⁷

On 25 February 2020, Rajasthan State Industries Commissioner Muktanand Agrawal announced the development of an e-platform for handicraft and handmade items.²⁴⁸ The platform will facilitate the direct access of artisans to the domestic and foreign markets and hence increase their revenues.²⁴⁹

On 26 February 2020, the government approved setting up a National Technical Textiles Mission for the period between 2020/21 and 2023/24.²⁵⁰ Through investing in market development, market promotion, international technical collaborations and investment promotions, the Mission aims at improving India's global market position in technical textiles.²⁵¹

²⁴³ Eyes doubling of enterprise value to \$100 billion, Minister tells BioAsia meet, The Hindu (Chennai), 17 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/telangana/ts-to-give-fillip-to-life-sciences-sector/article30844596.ece>

²⁴⁴ Eyes doubling of enterprise value to \$100 billion, Minister tells BioAsia meet, The Hindu (Chennai), 17 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/telangana/ts-to-give-fillip-to-life-sciences-sector/article30844596.ece>

²⁴⁵ Service will facilitate quicker movement of containers by eliminating paperwork, The Hindu (Chennai), 21 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/kochi/customs-e-clearance-facility-getting-ready-at-beypore-port/article30875145.ece>

²⁴⁶ Service will facilitate quicker movement of containers by eliminating paperwork, The Hindu (Chennai), 21 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/kochi/customs-e-clearance-facility-getting-ready-at-beypore-port/article30875145.ece>

²⁴⁷ Mumbai to get more flights to CIS countries, The Hindu (Chennai), 25 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/mumbai/mumbai-to-get-more-flights-to-cis-countries/article30908229.ece>

²⁴⁸ First e-platform for handicraft products being developed, The Hindu (Chennai), 25 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/other-states/first-e-platform-for-handicraft-products-being-developed/article30907657.ece>

²⁴⁹ First e-platform for handicraft products being developed, The Hindu (Chennai), 25 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/other-states/first-e-platform-for-handicraft-products-being-developed/article30907657.ece>

²⁵⁰ The ₹1,480-crore Mission, to be implemented from 2020-2021 to 2023-2024, aims at positioning India as a global leader in technical textiles, The Hindu (Chennai), 26 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/cabinet-approves-national-technical-textiles-mission/article30921634.ece#>

²⁵¹ The ₹1,480-crore Mission, to be implemented from 2020-2021 to 2023-2024, aims at positioning India as a global leader in technical textiles, The Hindu (Chennai), 26 February 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/cabinet-approves-national-technical-textiles-mission/article30921634.ece#>

On 1 March 2020, Tamil Nadu Industries Minister M.C. Sampath declared that the Empowered Committee issued clearance to 36 investment projects for Tamil Nadu, which will provide employment opportunities for up to 23,000 people.²⁵²

On 3 March 2020, the Tamil Nadu State Office of Indian Oil Corporation Limited held a conclave to discuss the possible applications of LPG.²⁵³ Exploring its use is part of India's efforts to counter climate change in the energy sector.²⁵⁴

On 5 March 2020, the government of Karnataka announced the allocation of INR5 billion for the state capital's suburban rail.²⁵⁵ Additionally, it opened the Namma Metro for private investments in the form of public-private partnerships.²⁵⁶

On 8 March 2020, Telangana Finance Minister T. Harish Rao announced that 58.5 million farmers with outstanding loans will be cleared of their burden as part of a loan waiver program of the government, following news that state revenues were on a steady growth rate of 6 per cent.²⁵⁷

On 9 March 2020, Telangana Finance Minister Rao announced a fund of INR100 billion to develop the area of Hyderabad.²⁵⁸

On 10 March 2020, the Department of Tourism of Tamil Nadu held a workshop with tourism-related small-scale industries and businesses.²⁵⁹ The workshop aimed at identifying and integrating entrepreneurs as well as offering training and guidance for improving their livelihood.²⁶⁰

Overall, India has taken active steps to promoting sustainable and inclusive economic growth by working towards the alleviation of poverty and the inclusion of marginalized stakeholders such as farmers, citizens in rural areas and women into the national and global economy. India has pursued actions with the aim of increasing investment, such as by reducing its corporate tax rate for domestic companies. The RBI has made efforts to promote growth amidst high inflation levels. India has hence complied with all elements of the commitment.

²⁵² In just two meetings, panel has cleared 36 projects: M.C. Sampath, The Hindu (Chennai), 01 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/tamil-nadu/in-just-two-meetings-panel-has-cleared-36-projects-mc-sampath/article30953961.ece>

²⁵³ 'Use of liquid energy sources should be improved to tackle climate change', The Hindu (Chennai), 03 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Coimbatore/use-of-liquid-energy-sources-should-be-improved-to-tackle-climate-change/article30966646.ece>

²⁵⁴ 'Use of liquid energy sources should be improved to tackle climate change', The Hindu (Chennai), 03 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Coimbatore/use-of-liquid-energy-sources-should-be-improved-to-tackle-climate-change/article30966646.ece>

²⁵⁵ Suburban rail get ₹500 crore; Namma Metro to be opened for private investment, The Hindu (Chennai), 05 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/bangalore/suburban-rail-gets-500-crore-namma-metro-to-be-opened-for-private-investment/article30994007.ece>

²⁵⁶ Suburban rail get ₹500 crore; Namma Metro to be opened for private investment, The Hindu (Chennai), 05 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/bangalore/suburban-rail-gets-500-crore-namma-metro-to-be-opened-for-private-investment/article30994007.ece>

²⁵⁷ State on growth path with six% hike in State's Own Revenue, says Finance Minister, The Hindu (Chennai), 08 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/national/telangana/no-new-taxes-proposed-in-state-budget-says-harish-rao/article31016361.ece>

²⁵⁸ ₹10,000 cr. for city urban agglomeration, The Hindu (Chennai), 09 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Hyderabad/10000-cr-for-city-urban-agglomeration/article31018388.ece>

²⁵⁹ Workshop on improving tourism sector, The Hindu (Chennai), 10 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Madurai/workshop-on-improving-tourism-sector/article31033594.ece>

²⁶⁰ Workshop on improving tourism sector, The Hindu (Chennai), 10 March 2020. Access Date: 16.03.2020. <https://www.thehindu.com/news/cities/Madurai/workshop-on-improving-tourism-sector/article31033594.ece>

Thus, India receives a score of +1.

Analyst: Katharina Kuhn

Indonesia: +1

Indonesia has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 18 July 2019, Bank Indonesia cut its benchmark interest rate for the first time in nearly two years. This cut made room for accommodative monetary policy, in line with expectations of low inflation to further support economic growth.²⁶¹

On 9 August 2019, Trade Minister Enggartiasto Lukit announced that he will immediately recommend to an interministerial team a 20-25 per cent tariff on dairy products from the European Union as the appropriate response to the EU's plan to impose anti-subsidy duties of 8-18 per cent on palm biodiesel from Indonesia. He also requested that dairy product importers should find new sources of supply other than from EU members.²⁶²

On 23 August 2019, Bank Indonesia Governor Perry Warjiyo announced that Indonesia's central bank cut interest rates on 22 August 2019 as a “preemptive move” to encourage growth at a time when risks to the global economy are piling up.²⁶³

On 24 September 2019, the Department of Finance stated that Indonesia has set aside IDR10 trillion (USD708.72 million) as a buffer for fiscal risks next year, a 43 per cent increase from such an allocation this year, due to global economic uncertainty.²⁶⁴

On 13 January 2020, President Joko Widodo announced Indonesia signed 11 business deals with the United Arab Emirates worth a combined IDR314.9 trillion (USD23 billion) covering investment in energy and other sectors.²⁶⁵

On 20 January 2020, President Widodo announced the Indonesian government plans to table a bill in parliament on 16 January that will revise 79 separate existing laws and 1,244 clauses. These all-around laws on job creation will reform Indonesia's labor legislation, make it easier for companies to secure permits, and relax foreign ownership rules, local content requirements and land procurement.²⁶⁶

²⁶¹ Indonesia central ban cuts rates for first time in nearly two years to fire up growth, Reuters (Jakarta) 8 July 2019. Access Date 7 February 2020. <https://www.reuters.com/article/us-indonesia-economy-rates/indonesia-central-bank-cuts-rates-for-first-time-in-nearly-two-years-to-fire-up-growth-idUSKCN1UD0SG>

²⁶² Indonesia minister propose dairy tariffs to fight EU biodiesel duties, Reuters (Jakarta) 9 August 2019. Access Date 7 February 2020. <https://www.reuters.com/article/us-indonesia-eu-trade/indonesia-minister-proposes-dairy-tariffs-to-fight-eu-biodiesel-duties-idUSKCN1UZ0FW>

²⁶³ Another Asian central bank cuts interest rates — analysts say the region's not done easing yet, CNBC (Jakarta) 23 August 2019. Access Date 7 February 2020. <https://www.cnbc.com/2019/08/23/bank-indonesia-cuts-rates-analysts-expect-more-policy-easing-in-asia.html>

²⁶⁴ Indonesia set aside \$700 million as fiscal buffer in 2020 budget, Reuters (Jakarta) 24 September 2019. Access Date 7 February 2020. <https://www.reuters.com/article/us-indonesia-economy-budget-risks/indonesia-sets-aside-700-million-as-fiscal-buffer-in-2020-budget-idUSKBN1W91VM>

²⁶⁵ Indonesia, UAE sign business deals worth about \$2 billion: Widodo, Reuters (Jakarta) 13 January 2020. Access Date 7 February. <https://www.reuters.com/article/us-indonesia-emirates-deals/indonesia-uae-sign-business-deal-worth-about-23-billion-widodo-idUSKBN1ZC08R>

²⁶⁶ Indonesia Is Set to Overhaul 79 Laws in a Push for Jobs and Foreign Investment, Bloomberg (Jakarta) 20 January 2020. Access Date 7 February 2020. <https://www.bloomberg.com/news/articles/2020-01-20/indonesia-set-to-recast-almost-80-laws-in-jobs-investment-push>

On 20 February 2020, Bank Indonesia cut the seven-day reverse repurchase rate by 25 basis points to 4.75 per cent, the first easing in 2020 and following four cuts of 100 basis points in 2019. This movement has generally been viewed as Indonesia stepped up efforts to ward off the impact of the coronavirus outbreak.²⁶⁷

On 25 February 2020, Finance Minister Sri Mulyani Indrawati announced that the government of Indonesia has launched a stimulus package worth IDR10.3 trillion (USD742.6 million) to protect its economy from the impact of the coronavirus outbreak in China.²⁶⁸

On 11 March 2020, Minister Indrawati announced an immediate tax relief for the manufacturing industry in Indonesia. Since 11 March, the manufacturing companies no longer need to pay out income tax for their workers for six months, which aims to reinforce Indonesia's economy under the pressure of the coronavirus outbreak around the world.²⁶⁹

On 13 March 2020, Minister Indrawati declared an IDR120 trillion (USD8.1 billion) of stimulus package to support Southeast Asia's biggest economy as the spread of the COVID-19 disrupts global activity. The stimulus represents about 0.8 per cent of gross domestic product, which includes exempting some workers in manufacturing from income tax and giving manufacturing companies a discount on corporate tax payments.²⁷⁰

Indonesia has taken actions to both promote inclusive growth, as well as to safeguard against downside risk.

Thus, Indonesia receives a score of +1.

Analyst: Zimu Zhao

Italy: +1

Italy has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 1 January 2020, the government introduced a 3 per cent service tax on digital service revenues which aligned with the European Commission's 2018 Directive Proposal that harmonizes taxes in the digital single market.²⁷¹ The tax will apply to businesses which exceed total revenues by EUR750 million and total digital revenues produced in Italy which surpass EUR5.5 million.²⁷² Digital services

²⁶⁷ Indonesia c.bank cuts rates as virus risks mount, trims outlook, Reuters (Jakarta) 20 February 2020. Access Date 20 February 2020. Access Date 15 March 2020. <https://www.nasdaq.com/articles/indonesia-c.bank-cuts-rates-as-virus-risks-mount-trims-outlook-2020-02-20>

²⁶⁸ UPDATE 1-Indonesia announces nearly \$750 mln stimulus in response to coronavirus, Reuters (Jakarta) 25 February 2020, Access Date: 15 March 2020. <https://www.reuters.com/article/indonesia-economy/update-1-indonesia-announces-nearly-750-mln-stimulus-in-response-to-coronavirus-idUSL3N2AP2P1>

²⁶⁹ UPDATE 1-Indonesia announces tax relief for manufacturing during virus outbreak, Reuters (Jakarta) 11 March 2020, Access Date: 15 March 2020. <https://www.reuters.com/article/health-coronavirus-indonesia-economy/update-1-indonesia-announces-tax-relief-for-manufacturing-during-virus-outbreak-idUSL4N2B439A>

²⁷⁰ Indonesia to support economy with \$8 bln stimulus to counter virus impact, Reuters(Jakarta) 13 March 2020, Access Date: 20 March 2020. <https://www.reuters.com/article/health-coronavirus-indonesia-economy/indonesia-to-support-economy-with-8-bln-stimulus-to-counter-virus-impact-idUSJ9N2AX00D>

²⁷¹ Possible Double Taxation Behind the Italian Digital Services Tax (Milan) 3 February 2020. Access Date: 3 February 2020. <https://news.bloombergtax.com/daily-tax-report-international/insight-possible-double-taxation-behind-the-italian-digital-services-tax>

²⁷² Possible Double Taxation Behind the Italian Digital Services Tax (Milan) 3 February 2020. Access Date: 3 February 2020. <https://news.bloombergtax.com/daily-tax-report-international/insight-possible-double-taxation-behind-the-italian-digital-services-tax>

encompass advertising on digital services, collecting and transmitting consumer data, and digital platforms, which facilitate the sale of goods between users.²⁷³

On 14 January 2020, the Italian Development Cooperation stated that it will donate EUR4.55 million into the tomato industry in Egypt and Iraq.²⁷⁴ The funds will go to two United Nations Industrial Development Organization projects.²⁷⁵ In Egypt, the project will improve market strategies, improve linkages between supplying and processing factories, strengthen skills of workers, and subsequently improve tomato production quality.²⁷⁶

On 9 August 2019, Italy attended the ninth Italy-Latin America and Caribbean Conference with the theme of “Together for sustainable growth.”²⁷⁷ The conference launched proposals that align with the objectives stated in the United Nations 2030 Agenda for Sustainable Development.²⁷⁸ Sustainable growth, strengthening ties between Italy and Latin America, and further collaboration on innovation and economy were discussed.²⁷⁹

On 13 January 2020, President Matteo Salvini stalled on approving the new European Stability Mechanism Treaty, which acts as a rescue fund by providing loans to economically troubled countries.²⁸⁰ Salvini stated that enabling the treaty to pass would devalue the investments Italian citizens have placed in government bonds.²⁸¹

On 10 March 2020, Prime Minister Giuseppe Conte announced that the government will spend as much as EUR25 billion on stimulus measures to deter the effect of the coronavirus outbreak on the economy.²⁸² Stimulus measures include compensation for companies whose turnover has fallen over 25 per cent, boosting guarantee funds on loans for small- and medium-sized enterprises, and help for workers experiencing layoffs.

On 27 February 2020, President of the National Council for Economics and Labour Tiziano Treu announced legislative proposals on reducing gender inequalities in the labour market during the

²⁷³ Possible Double Taxation Behind the Italian Digital Services Tax (Milan) 3 February 2020. Access Date: 3 February 2020. <https://news.bloombergtax.com/daily-tax-report-international/insight-possible-double-taxation-behind-the-italian-digital-services-tax>

²⁷⁴ Egypt: Italy to invest in tomato project (Avignon) 22 January 2020. Access Date: 3 February 2020. http://www.tomatonews.com/en/egypt-italy-to-invest-in-tomato-project_2_919.html

²⁷⁵ Egypt: Italy to invest in tomato project (Avignon) 22 January 2020. Access Date: 3 February 2020. http://www.tomatonews.com/en/egypt-italy-to-invest-in-tomato-project_2_919.html

²⁷⁶ Egypt: Italy to invest in tomato project (Avignon) 22 January 2020. Access Date: 3 February 2020. http://www.tomatonews.com/en/egypt-italy-to-invest-in-tomato-project_2_919.html

²⁷⁷ IX Italy-Latin America and Caribbean Conference, ‘together for sustainable growth’ (Rome) 9 August 2019. Access Date: 3 February 2020. https://www.esteri.it/mae/it/sala_stampa/archivionotizie/approfondimenti/ix-conferenza-italia-america-latina-e-caraibi-insieme-per-crescita-sostenibile.html

²⁷⁸ IX Italy-Latin America and Caribbean Conference, ‘together for sustainable growth’ (Rome) 9 August 2019. Access Date: 3 February 2020. https://www.esteri.it/mae/it/sala_stampa/archivionotizie/approfondimenti/ix-conferenza-italia-america-latina-e-caraibi-insieme-per-crescita-sostenibile.html

²⁷⁹ IX Italy-Latin America and Caribbean Conference, ‘together for sustainable growth’ (Rome) 9 August 2019. Access Date: 3 February 2020. https://www.esteri.it/mae/it/sala_stampa/archivionotizie/approfondimenti/ix-conferenza-italia-america-latina-e-caraibi-insieme-per-crescita-sostenibile.html

²⁸⁰ Italy emerges as biggest obstacle to eurozone banking union (13 January 2020). Access Date: 3 February 2020. <https://www.ft.com/content/b9dea3b6-3384-11ea-a329-0bcf87a328f2>

²⁸¹ Italy emerges as biggest obstacle to eurozone banking union (13 January 2020). Access Date: 3 February 2020. <https://www.ft.com/content/b9dea3b6-3384-11ea-a329-0bcf87a328f2>

²⁸² Italy Announces \$28 Billion Plan to Cushion Virus-Hit Economy (Milan) 10 March 2020. Access Date: 17 March 2020. <https://www.bloomberg.com/news/articles/2020-03-10/conte-calls-on-ecb-to-do-whatever-it-takes-against-coronavirus>

Labor Commission hearing in parliament.²⁸³ The changes regard reforming Article 46 of the Code of Equal Opportunities Between Men and Women to better enable women to participate equally to men in the labour sector by emphasizing co-parenting, ensuring equal wages and utilizing collective bargaining.²⁸⁴

On 12 January 2020, the National Council for Economics and Labour filed a memorandum against dumping and low wages with the Italian Chamber of Deputies.²⁸⁵ Council President Treu complained that the workers' unions which were signing national collective agreements on behalf of the workers were not representative of such workers.²⁸⁶ Those unions are lesser-known and present multi-sectoral characteristics which discriminate against various production areas and eliminate the separation between supply chains and labour markets.²⁸⁷

Italy has taken action in promoting trade with other countries by increasing trade liberalization. Italy has also protected its own markets against the coronavirus outbreak which threatens the stability of Italian industries.

Thus, Italy receives a score of +1.

Analyst: Mathuja Jeyakumar

Japan: +1

Japan has fully complied with the commitment on inclusive growth and protection against downside risk.

On 3 September 2019, Prime Minister Shinzo Abe announced the adoption of the Cool Japan Strategy. Cool Japan Strategy focuses on not only the growth of the economy, but also the internal connection between Japanese businesses and the rest of the world, by promoting communications from local communities, small- and medium-sized businesses to attract the world more effectively, and carrying regional revitalizations in Japan.²⁸⁸

²⁸³ Comunicato N. 21 Del 27 Febbraio 2020 — Lavoro, Cnel: Contratto 2° Livello Puo' Ridurre Gap Gender (Rome) 27 February 2020. Access Date: 17 March 2020. <https://www.cnel.it/Comunicazione-e-Stampa/Notizie/ArtMID/694/ArticleID/1112/COMUNICATO-N-21-DEL-27-FEBBRAIO-2020-LAVORO-CNEL-CONTRATTO-2176-LIVELLO-PUO'-RIDURRE-GAP-GENDER>

²⁸⁴ Comunicato N. 21 Del 27 Febbraio 2020 — Lavoro, Cnel: Contratto 2° Livello Puo' Ridurre Gap Gender (Rome) 27 February 2020. Access Date: 17 March 2020. <https://www.cnel.it/Comunicazione-e-Stampa/Notizie/ArtMID/694/ArticleID/1112/COMUNICATO-N-21-DEL-27-FEBBRAIO-2020-LAVORO-CNEL-CONTRATTO-2176-LIVELLO-PUO'-RIDURRE-GAP-GENDER>

²⁸⁵ Comunicato N. 4 Del 14 Gennaio 2020 — Sindacati, Treu: Rappresentanza Per Contrastare Dumping E Salari Bassi (Rome) 14 January 2020. Access Date: 17 March 2020. <https://www.cnel.it/Comunicazione-e-Stampa/Notizie/ArtMID/694/ArticleID/997/COMUNICATO-N-4-DEL-14-GENNAIO-2020-SINDACATI-TREU-RAPPRESENTANZA-PER-CONTRASTARE-DUMPING-E-SALARI-BASSI>

²⁸⁶ Comunicato N. 4 Del 14 Gennaio 2020 — Sindacati, Treu: Rappresentanza Per Contrastare Dumping E Salari Bassi (Rome) 14 January 2020. Access Date: 17 March 2020. <https://www.cnel.it/Comunicazione-e-Stampa/Notizie/ArtMID/694/ArticleID/997/COMUNICATO-N-4-DEL-14-GENNAIO-2020-SINDACATI-TREU-RAPPRESENTANZA-PER-CONTRASTARE-DUMPING-E-SALARI-BASSI>

²⁸⁷ Comunicato N. 4 Del 14 Gennaio 2020 — Sindacati, Treu: Rappresentanza Per Contrastare Dumping E Salari Bassi (Rome) 14 January 2020. Access Date: 17 March 2020. <https://www.cnel.it/Comunicazione-e-Stampa/Notizie/ArtMID/694/ArticleID/997/COMUNICATO-N-4-DEL-14-GENNAIO-2020-SINDACATI-TREU-RAPPRESENTANZA-PER-CONTRASTARE-DUMPING-E-SALARI-BASSI>

²⁸⁸ Intellectual Property Strategy Headquarters. Access date: 6 February 2020. https://japan.kantei.go.jp/98_abe/actions/201909/_00002.html

On 6 September 2019, Prime Minister Abe announced that the Japan Oil, Gas and Metals National Corporation has reached to its final decision to invest in the Arctic LNG 2 Project, which connects and transfers liquid natural gas from the Arctic region to Japan via the Arctic Sea Route. The announcement was being made at Vladivostok, Russia, during Prime Minister Abe's visit to the fifth Eastern Economic Forum and other events.²⁸⁹

On 19 September 2019, the Council on Investment for the Future, summoned by Prime Minister Shinzo Abe, organized a Headquarters for Digital Market Competition. The action is expected to help facilitate better rules for Japanese digital industry and encouragement for protection of development and privacy of business in relevant industries.²⁹⁰

On 3 October 2019, Prime Minister Abe called for regulatory reforms in reaction to the coming of the Fourth Industrial Revolution, during his 31st meeting of the Council on Investments for the Future. Abe also mentioned using artificial intelligence technology to establish a more advanced, detailed business regulatory system of Japan, which is based on big data.²⁹¹

On 18 October 2019, Prime Minister Abe urged that “full economic attention” needs to be given in regards to the fallout of natural disasters by Typhoon No. 19 of 2019, during his meeting of the Ministerial Council on the Monthly Economic Report. He also commented on and let aware of the current recovery risk Japanese economy is facing following the US-China Trade Tensions and Brexit.²⁹²

On 31 October 2019, Prime Minister Abe publicly called for his members of the Council for Promotion of Regulatory Reform to prepare and unfold the necessary regulation reform regarding various economic fields, including business, finance, agriculture, telecommunications or broadcasting. Prime Minister Abe expressed his opinion on “bold reforms” and they would always be necessary, significant, and due to change in the outlook of reality economic conditions.²⁹³

On 22 November 2019, Prime Minister Abe announced that Japan began a scheme that offers JPY3 million for people moving to Tokyo to promote their head start of new businesses and job applications. Prime Minister Abe highlighted his support for people moving to Tokyo, seeking new opportunities which provide a backbone for the development of the economy.²⁹⁴

On 13 February 2020, Prime Minister Abe announced on the eighth meeting of the Novel Coronavirus Response Headquarters that the government will make “all-out efforts” to help finance of local, small and medium enterprises in tourist industry and other sectors, by providing a total of JPY500 billion “for emergency lending and loan guarantees at the Japan Finance Corporation and other institutions.”²⁹⁵

²⁸⁹ Eastern Economic Forum and Other Events: Third Day. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201909/_00006.html

²⁹⁰ Council on Investments for the Future. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201909/_00016.html

²⁹¹ Council on Investments for the Future. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201910/_00007.html

²⁹² Ministerial Council on the Monthly Economic Report and Other Relative Issues. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201910/_00036.html

²⁹³ Council for Promotion of Regulatory Reform. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201910/_00068.html

²⁹⁴ Council on Overcoming Population Decline and Vitalizing Local Economy. Access date: 6 February 2020.
https://japan.kantei.go.jp/98_abe/actions/201911/_00058.html

²⁹⁵ Eighth Meeting of the Novel Coronavirus Response Headquarters. Access date: 14 March 2020.
https://japan.kantei.go.jp/98_abe/actions/202002/_00019.html

On 1 March 2020, Prime Minister Abe required the Novel Coronavirus Response Headquarters to release JPY270 billion within the dates until 10 March 2020, to help relieve the economic risk by mobilizing the emergency contingency package.²⁹⁶

On 10 March 2020, Prime Minister Abe ordered cabinet ministers and members to “provide strong liquidity support amounting to a total of JPY1.6 trillion, including real interest-free unsecured loans ... so that small- and medium-sized business operators across the country facing very severe situations can steadily continue their respective businesses ... [and] also support the efforts to secure supply chains,” on the 19th meeting of the Novel Coronavirus Response Headquarters. Prime Minister Shinzo Abe also collectively decided to take “fiscal measures of a total of JPY430 billion, by utilizing this fiscal year’s contingency funds of JPY270 billion and other means.”²⁹⁷

Japan has taken actions that promote inclusive growth. Its actions safeguarding against the downside risk also reach to a constant level, including taking firm actions against the possible negative fallout of natural disasters, and diversifying its economic structure based on new technologies in reaction to various global economic threats, in many considerate approaches.

Thus, Japan receives a score of +1.

Analyst: Zeng Lecheng

Korea: 0

Korea has partially complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 10 December 2019, the Ministry of Justice announced new policy measures aimed at improving the human rights of foreigners working in the local hotel and entertainment sectors with the E-6 visa.²⁹⁸ Under the revised rules, local immigration offices will hold direct meetings and interviews with foreign workers in the hotel and entertainment sectors to ascertain whether they suffered human rights violations, including sex trafficking.²⁹⁹ The authorities have had difficulties recognizing rights violations, as employers and agents usually handled paperwork on behalf of foreign workers.³⁰⁰

On 12 December 2019, President Moon Jae-in announced that his government will push for the epoch-making development of the country’s agricultural and fisheries sectors in tandem with a response to the fourth industrial revolution.³⁰¹

On 19 December 2019, Finance Minister Hong Nam-Ki announced that Korea will implement its economic policy next year to invigorate investment and create more jobs, while laying the foundation to tackle the country’s chronic low birthrate and maintain decent economic expansion over the mid-

²⁹⁶ 16th Meeting of the Novel Coronavirus Response Headquarters. Access date: 14 March 2020. https://japan.kantei.go.jp/98_abe/actions/202003/_00001.html

²⁹⁷ 19th Meeting of the Novel Coronavirus Response Headquarters. Access date: 14 March 2020. https://japan.kantei.go.jp/98_abe/actions/202003/_00012.html

²⁹⁸ Gov’t to Better Protect Human Rights of Foreign Entertainment Workers, Yonhap News Agency 10 December 2019. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191210003600315?section=search>

²⁹⁹ Gov’t to Better Protect Human Rights of Foreign Entertainment Workers, Yonhap News Agency 10 December 2019. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191210003600315?section=search>

³⁰⁰ Gov’t to Better Protect Human Rights of Foreign Entertainment Workers, Yonhap News Agency 10 December 2019. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191210003600315?section=search>

³⁰¹ Moon Vows Gov’t Efforts to Transform Agricultural System, Yonhap News Agency 12 December 2019. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191212004300315?section=search>

to-long haul.³⁰² The ministry said it will allocate about 70 per cent of the 2020 budget in the first half of next year to prop up the slowing economy.³⁰³ The finance ministry said job-creating sectors and firms will receive an array of tax and other benefits, while the government will draw up more measures to help facilitate local firms' hiring of more women.³⁰⁴

On 20 January 2020, Finance Minister Hong announced that Korea will focus on promoting economic cooperation this year with Russia, Mongolia and other countries located north of the Korean Peninsula in line with the diplomatic initiative of its New Northern Policy.³⁰⁵ The finance ministry said that Under the initiative, Korea will expand its cooperative scheme with Russia in the sectors of railroad, electricity, gas, ports, agriculture and fisheries.³⁰⁶

On 3 February 2020, Vice Finance Minister Kim Yong-beom announced in a meeting with senior economic and financial officials that Korea will swiftly take measures to stabilize its financial markets in case of increased volatility amid growing concerns about the economic impact of the rapidly spreading new coronavirus in China and other countries.³⁰⁷ The Vice Finance Minister also said that in case of a rise in volatility, the government will cope with its contingency plan.³⁰⁸

On 6 February 2020, the Ministry of Education announced that the government will spend KRW2.9 trillion over the next seven years on nurturing world-class master's and doctoral degree holders in new industries and basic academic fields.³⁰⁹ The long-term human resources development program was announced by the ministry and the National Research Foundation of Korea as part of Phase Four of the Brain Korea 21 project.³¹⁰ Brain Korea 21, also known as BK21, is a representative university support project initiated by the ministry to offer scholarships and research expenses to outstanding scholars attending master's and doctoral degree courses.³¹¹

On 7 February 2020, Finance Minister Hong announced that Korea will provide KRW2 trillion won in financial support to small merchants who are expected to take a hit from the rapid spread of the novel coronavirus.³¹²

³⁰² Economic Policy to Center on Boosting Investment, Job Creation in 2020, Yonhap News Agency 19 December 2019.

Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191218007100320?section=search>

³⁰³ Economic Policy to Center on Boosting Investment, Job Creation in 2020, Yonhap News Agency 19 December 2019.

Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191218007100320?section=search>

³⁰⁴ Economic Policy to Center on Boosting Investment, Job Creation in 2020, Yonhap News Agency 19 December 2019.

Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20191218007100320?section=search>

³⁰⁵ S. Korea to Focus on Promoting Economic Cooperation with Russia, Mongolia, Yonhap News Agency 20 January, 2020. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20200120001100320?section=search>

³⁰⁶ S. Korea to Focus on Promoting Economic Cooperation with Russia, Mongolia, Yonhap News Agency 20 January, 2020. Access Date: 31 January 2020. <https://en.yna.co.kr/view/AEN20200120001100320?section=search>

³⁰⁷ S. Korea to swiftly take measures against virus-triggered volatility, Yonhap News Agency 3 February 2020. Access Date 7 February 2020. <https://en.yna.co.kr/view/AEN20200204000600320?section=economy/economy>

³⁰⁸ S. Korea to swiftly take measures against virus-triggered volatility, Yonhap News Agency 3 February 2020. Access Date: 7 February 2020. <https://en.yna.co.kr/view/AEN20200204000600320?section=economy/economy>

³⁰⁹ S. Korea to Spend 2.9 Tln Won by 2027 to Nurture Elite Scholars in New Industries, Yonhap News Agency 5 February 2020. Access Date: 7 February 2020. <https://en.yna.co.kr/view/AEN20200206008200315?section=national/politics>

³¹⁰ S. Korea to Spend 2.9 Tln Won by 2027 to Nurture Elite Scholars in New Industries, Yonhap News Agency 5 February 2020. Access Date: 7 February 2020. <https://en.yna.co.kr/view/AEN20200206008200315?section=national/politics>

³¹¹ S. Korea to Spend 2.9 Tln Won by 2027 to Nurture Elite Scholars in New Industries, Yonhap News Agency 5 February 2020. Access Date: 7 February 2020. <https://en.yna.co.kr/view/AEN20200206008200315?section=national/politics>

³¹² S. Korea to offer 2 tln won in financial support to small merchants amid virus fallout, Yonhap News Agency 7 February 2020. Access Date: 7 February 2020.

<https://en.yna.co.kr/view/AEN20200207001500320?section=economy/economy>

Korea has taken some steps towards promoting inclusive growth and towards safeguarding against downside risks however they have been limited to only domestic level.

Thus, Korea receives a score of 0.

Analyst: Shubdeep Randhawa

Mexico: +1

Mexico has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 16 December 2019, the National Minimum Wage Commission (Conasami) announced the increase of general minimum salary to MXN 123.22 from MXN 102.68, representing a 20 per cent gain, the increase takes effect on 1 January, 2020.³¹³ Minimum wage for the North Border Free Zone, which already has a higher minimum wage, will rise by only 5 per cent, to MXN185.56 per day and minimum pay for professionals also will increase by only 5 per cent.³¹⁴

On 19 December 2019, the central bank cut its benchmark interest rate to 7.25 per cent citing softening headline inflation and slack in the economy, but highlighted concern that a recent minimum wage hike could stoke price pressures.³¹⁵

On 3 January 2020, the Finance Ministry announced that Mexico has completed its annual oil hedging program for 2020 at \$49 a barrel.³¹⁶ The hedge price is notably lower than 2019, which was hedged at \$55 per barrel, but in line with the oil price set out in the 2020 budget.³¹⁷ The oil hedging program, the world's largest financial oil deal, is designed to protect Latin America's second-largest economy against oil price crashes.³¹⁸

On 16 January 2020, President Andrés Manuel López Obrador hailed the US Senate's approval of the United States-Mexico-Canada Agreement (USMCA) trade deal, forecasting it would deliver a boost to the Mexican economy.³¹⁹

Mexico has taken steps towards promoting inclusive growth and towards safeguarding against downside risks.

³¹³ Mexico to Increase General Minimum Wage by 20 Percent for 2020: Insights, Holland & Knight 16 December. Access Date: 8 February 2020. <https://www.hklaw.com/en/insights/publications/2019/12/mexico-to-increase-general-minimum-wage-by-20-percent-for-2020>

³¹⁴ Mexico to Increase General Minimum Wage by 20 Percent for 2020: Insights, Holland & Knight 16 December. Access Date: 8 February 2020. <https://www.hklaw.com/en/insights/publications/2019/12/mexico-to-increase-general-minimum-wage-by-20-percent-for-2020>

³¹⁵ Mexican Central Bank Cuts Rates, Flags Higher Inflation Risk, Thomson Reuters, 20 December 2019. Access Date: 8 February 2020. <https://www.reuters.com/article/us-mexico-economy-rates/mexican-central-bank-cuts-rates-flags-higher-inflation-risk-idUSKBN1YN2JI>

³¹⁶ Mexico Hedges Oil Output for 2020 as Risks Grow, Thomson Reuters, 3 January 2020. Access Date: 8 February 2020. <https://www.reuters.com/article/us-mexico-hedge/mexico-hedges-oil-output-for-2020-as-risks-grow-idUSKBN1Z2277>

³¹⁷ Mexico Hedges Oil Output for 2020 as Risks Grow, Thomson Reuters, 3 January 2020. Access Date: 8 February 2020. <https://www.reuters.com/article/us-mexico-hedge/mexico-hedges-oil-output-for-2020-as-risks-grow-idUSKBN1Z2277>

³¹⁸ Mexico Hedges Oil Output for 2020 as Risks Grow, Thomson Reuters, 3 January 2020. Access Date: 8 February 2020. <https://www.reuters.com/article/us-mexico-hedge/mexico-hedges-oil-output-for-2020-as-risks-grow-idUSKBN1Z2277>

³¹⁹ Mexico Hails USMCA Trade Deal Approval, Expects More Investment, Thomson Reuters, 16 January 2020. Access Date: 8 February 2020. <https://www.reuters.com/article/us-usa-trade-usmca-mexico/mexico-hails-usmca-trade-deal-approval-expects-more-investment-idUSKBN1ZF2GR>

Thus, Mexico receives a score of +1.

Analyst: Shubdeep Randhawa

Russia: +1

Russia has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 2 August 2019, President Vladimir Putin signed Federal Law on Ratification of the Agreement between the Russian Federation and the Arab Republic of Egypt on Comprehensive Partnership and Strategic Cooperation.³²⁰ The agreement stipulates that the parties support developing cooperation in commercial and economic fields.

On 5 September 2019, President Putin approved the provision of subsidies that bring mortgage interest rates to two per cent for young families in the Far Eastern Federal District.³²¹

On 25 October 2019, Prime Minister Dmitry Medvedev signed the Agreement on the Free Trade Zone between the Eurasian Economic Union and its member states, on the one side, and Serbia, on the other side.³²²

On 2 November 2019, Prime Minister Medvedev signed the new edition of the Programme of Multilateral Trade and Economic Cooperation of the Shanghai Cooperation Organization member states at the Heads of Government Council Meeting.³²³

On 1 January 2020, the Pension Fund raised the maternity (family) capital from RUB453,026 to RUB466,617.^{324,325}

On 20 February 2020, President Putin announced RUB25.7 trillion government investment in improving the quality of the economic environment and economic growth, health care, digital economy and infrastructure.³²⁶

On 20 February 2020, consultations between representatives of the United Nations Industrial Development Organization (UNIDO) and Russia have focused on the key results of projects funded by the country's voluntary contributions to UNIDO's Industrial Development Fund.³²⁷ The projects focused on promoting economic growth and development and were implemented in Armenia, Cuba, Ethiopia, Kyrgyzstan and Tajikistan.

³²⁰ The law ratifying the agreement between Russia and Egypt on comprehensive partnership and strategic cooperation, President of Russia (Moscow). 02 August 2019. Access date: 2 February 2020. <http://en.kremlin.ru/acts/news/61221>

³²¹ Instructions following Eastern Economic Forum Plenary meeting. President of Russia (Moscow). 21 September 2019. Access date: 31 January 2020. <http://en.kremlin.ru/acts/news/61602>

³²² Eurasian Intergovernmental Council meeting, The Russian Government (Moscow). 25 October 2019. Access date: 25 January 2020. <http://government.ru/en/news/38189/>

³²³ The SCO Heads of Government Council Meeting. The Russian Government (Moscow). 02 November 2019. Access date: 1 February 2020. <http://government.ru/en/news/38252/>

³²⁴ What you need to know about maternity capital (in Russian). Access date: 2 February 2020. http://www.pfrf.ru/grazdanam/family_capital/chto_nuzh_znat/

³²⁵ Maternity (Family) Capital. Access date: 2 February 2020. <http://www.pfrf.ru/en/matcap/>

³²⁶ National Projects: Russia's New Development Paradigm, Valdai (Moscow). 20 February 2020. Access date: 15 March 2020. <https://valdaiclub.com/a/highlights/national-projects-russia-s-new-development/>

³²⁷ UNIDO and the Russian Federation discuss key results within Russia-funded projects and plan future joint work, Valdai (Moscow). 20 February 2020. Access date: 15 March 2020. <https://valdaiclub.com/a/highlights/national-projects-russia-s-new-development/>

Russia has taken actions to promote inclusive growth and safeguard against downside risk.

Thus, it is given a score of +1.

Analyst: Olga Tumurova

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 1 September 2019, the Saudi General Entertainment Authority announced the launch of new license packaged for entertainment projects in Saudi Arabia, thereby hoping to increase the economic activity in the Saudi entertainment sector and to attract investments.³²⁸

On 9 September 2019, Crown Prince Mohammed bin Salman announced plans to list Saudi Aramco on the Riyadh stock exchange. Doing so is expected to contribute to the diversification of the Saudi economy away from oil.³²⁹

On 11 September 2019, SAMI Navantia Naval Industries, a joint venture between Saudi Arabian Military Industries and Navantia S.A., signed a contract with the Spanish shipbuilder Navantia to collaborate on Combat System Integration.³³⁰ The collaboration is expected to contribute to the transfer of technology and to create new job opportunities in Saudi Arabia.³³¹

On 11 September 2019, Minister of Finance Mohammed bin Abdullah Al-Jadaan indicated that Saudi Arabia will continue to provide strong support to the Fund for International Development of the Organization of Petroleum Exporting Countries. The fund is a major contributor to development finance in 130 developing countries.³³²

On 18 September 2019, Minister Al-Jadaan declared the subscription of Saudi Arabia to the Special Data Dissemination Standard of the International Monetary Fund that regulates the provision of economic and financial data to the public.³³³ This step aims at enhancing financial disclosure and transparency in accordance with international standards, thereby contributing to a positive investment climate and confidence in the Saudi economy.³³⁴

³²⁸ GEA launches new licensing package to boost the entertainment sector's economic activity, Saudi Press Agency (Riyadh), 01 September 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1964039>

³²⁹ Saudi plans gradual share sale at home for Aramco, Al Jazeera (Doha), 09 September 2019. Access Date: 06.02.2020. <https://www.aljazeera.com/ajimpact/saudi-plans-gradual-share-sale-homearamco-190909154538633.html>

³³⁰ SAMI-Navantia signs €900 million contract with Navantia to localize 60% of naval industries and ToT, Saudi Press Agency (Riyadh), 11 September 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1967835>

³³¹ SAMI-Navantia signs €900 million contract with Navantia to localize 60% of naval industries and ToT, Saudi Press Agency (Riyadh), 11 September 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1967835>

³³² KSA Continues its Full Support to OFID, Minister of Finance reported, Saudi Press Agency, (Riyadh), 11 September 2010. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1968127>

³³³ Saudi Arabia Subscribes to the IMFs Special Data Dissemination Standard, International Monetary Fund (Washington), 18 September 2019. Access Date: 06.02.2020.

<https://www.imf.org/en/News/Articles/2019/09/18/pr19338-saudi-arabia-subscribes-to-the-imfs-special-data-dissemination-standard>

³³⁴ Saudi Arabia Subscribes to IMFs SDDS, Saudi Press Agency, 19 September 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1971495>

On 27 September 2020, Saudi Arabia launched a visa regime for 49 countries.³³⁵ The opening is expected to boost the local tourism industry, creating thousands of jobs.³³⁶

On 17 October 2019, King Abdulaziz City for Science and Technology in cooperation with the Massachusetts Institute of Technology (MIT) announced to organize a forum to introduce the Ibn Khaldun Fellowship Program for female Saudi scientists and engineers who hold a doctoral degree.³³⁷ By offering Saudi female researchers an opportunity to cooperate with MIT faculty members, Saudi Arabia hopes to strengthen the research environment in Saudi universities.³³⁸

On 28 October 2019, King Abdulaziz and his Companions Foundation for Giftedness and Creativity and the United Nations Educational, Scientific and Cultural Organization signed a letter of intent to promote international scientific cooperation in education in science, technology, engineering and mathematics as a key driver for sustainable economic growth.³³⁹

On 29 October 2019, the Saudi Arabian General Investment Authority announced the signing and exchange of 23 investment agreements, which are expected to contribute to the diversification of the Saudi economy and will bring great new jobs.³⁴⁰

On 6 November 2019, the government signed an agreement with the World Economic Forum to establish a branch of its Centre for the Fourth Industrial Revolution in Saudi Arabia.³⁴¹ The centre will promote the development and adoption of technologies and best practices to harness the Fourth Industrial Revolution in the region.³⁴²

On 13 November 2019, the Ministry of Culture signed an agreement with the Andrea Bocelli Foundation to provide psychosocial support for disadvantaged children and youths in Saudi Arabia

³³⁵ Saudi Arabia to open up to foreign tourists with new visas, BBC (London), 27 September 2019. Access Date: 06.02.2020. <https://www.bbc.co.uk/news/business-49848068>

³³⁶ Saudi Arabia Opens Door to Tourists from All Over the World, Attracts SR 115 Billions 3 Riyadh, Saudi Press Agency (Riyadh), 28 September 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1974988>

³³⁷ KACST and MIT organize a forum to introduce Ibn Khaldun Fellowship Program, Saudi Press Agency, 17 October 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1983661>

³³⁸ KACST and MIT organize a forum to introduce Ibn Khaldun Fellowship Program, Saudi Press Agency, 17 October 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1983661>

³³⁹ Mawhiba, UNESCO Sign Letter of Intent to Build Strong Partnership and Promote International Scientific Cooperation, Saudi Press Agency (Riyadh), 28 October 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1987601>

³⁴⁰ US\$15 billion in new foreign investment deals signed at the Future Investment Initiative, Saudi Press Agency (Riyadh), 29 October 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1988731>

³⁴¹ Saudi Arabia and World Economic Forum to set up Fourth Industrial Revolution centre, The National Business (Abu Dhabi), 06 November 2019. Access Date: 06.02.2020. <https://www.thenational.ae/business/economy/saudi-arabia-and-world-economic-forum-to-set-up-fourth-industrial-revolution-centre-1.934270>

³⁴² Saudi Arabia Signs Agreement with the World Economic Forum to Establish a Branch in the Kingdom of the Centre for the Fourth Industrial Revolution, Saudi Press Agency (Riyadh), 06 November 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1995378>

through music education.³⁴³ Doing so, the project attempts to empower disadvantaged children and stimulate innovation.³⁴⁴

On 24 November 2019, SAMI Navantia Naval Industries, a joint project between the Saudi Arabian Military Industries and Navantia S.A., launched its On-the-Job Training program.³⁴⁵ By training naval engineers, the project contributes to Saudi Arabia's aim to localize 50 per cent of its military equipment spending by 2030.³⁴⁶

On 25 November 2019, the Disabled People Association in partnership with the Institute of Public Administration launched the Kafaah Initiative.³⁴⁷ By training disabled government employees, the initiative seeks to enhance the working opportunities of disabled employees in public institutions.³⁴⁸

On 25 November 2019, Saudi Arabia joined the Information for All Programme.³⁴⁹ The program aims to promote access to information through digitization and preservation and supports training in communication and information based on international standards and best practices.³⁵⁰

On 9 December 2019, the Human Resources Development Fund (Hadaf) changed and updated its regulations for Female Transportation.³⁵¹ The program aims at promoting safe commuting services and reducing the transportation costs for Saudi women working in the private sector.³⁵²

On 18 December 2019, the Saudi Minister of Economy and Planning Mohammad bin Mazid Al-Tuwaijri and Minister of Foreign Affairs of the Republic of Korea Kang Kyung-Wha signed an agreement between the King Abdullah University of Science and Technology and the Korea Institute of Ceramic Engineering and Technology to promote, and cooperate in, energy efficiency.³⁵³

³⁴³ The Saudi Ministry of Culture partners with Andrea Bocelli Foundation in "Voices of the World" programme, Saudi Press Agency (Riyadh), 13 November 2019. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1998237>

³⁴⁴ The Saudi Ministry of Culture partners with Andrea Bocelli Foundation in "Voices of the World" programme, Saudi Press Agency (Riyadh), 13 November 2019. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=1998237>

³⁴⁵ SAMINavantia Launches On-Job Training Program with First Batch of Saudi Engineers, Saudi Press Agency (Riyadh), 24 November 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002417>

³⁴⁶ SAMINavantia Launches On-Job Training Program with First Batch of Saudi Engineers, Saudi Press Agency (Riyadh), 24 November 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002417>

³⁴⁷ Disabled People Association and Institute of Public Administration Launch "Kafaah" Initiative, Saudi Press Agency (Riyadh), 25 November 2019. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002720>

³⁴⁸ Disabled People Association and Institute of Public Administration Launch "Kafaah" Initiative, Saudi Press Agency (Riyadh), 25 November 2019. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002720>

³⁴⁹ KSA Joins Information for All Programme (IFAP), Saudi Press Agency (Riyadh), 25 November 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002667>

³⁵⁰ KSA Joins Information for All Programme (IFAP), Saudi Press Agency (Riyadh), 25 November 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2002667>

³⁵¹ Hadaf Updates Female Transportation Program "Wusool", Saudi Press Agency (Riyadh), 09 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2008698>

³⁵² Hadaf Updates Female Transportation Program "Wusool", Saudi Press Agency (Riyadh), 09 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2008698>

³⁵³ Saudi-Korean Joint Committee Holds Meetings of the 19th Session in Riyadh, Saudi Press Agency (Riyadh), 18 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2012838>

On 18 December 2019, King Abdulaziz announced that Riyadh is to become the first digital capital city in the Arab world by 2020.³⁵⁴ This initiative seeks to encourage investment in information and communications technology (ICT), enhance tech entrepreneurship in the Arab region and develop knowledge on ICT in the region.³⁵⁵

On 24 December 2019, Hadaf launched the electronic Career Education and Development Portal “Subol.”³⁵⁶ It provides education and career guidance for students, job seekers, employers and employees that aim to help the target groups to identify labour market trends and career paths.³⁵⁷

On 27 December 2019, the Saudi Authority for Intellectual Property held a three-day training program for intellectual property support centres.³⁵⁸ The course equipped more than 60 participants from public and private institutions with the relevant knowledge to manage intellectual property rights to support innovation and economic development.³⁵⁹

On 31 December 2019, the Saudi Industrial Development Fund announced the expansion of financing the mining sector, thereby increasing non-oil job opportunities.³⁶⁰

On 1 January 2020, the Saudi Electric Services Polytechnic and MAERSK signed two cooperation and training agreements to cooperate in the field of renewable energy and heavy equipment in Saudi Arabia.³⁶¹

On 1 January 2020, the Saudi Aviation Association signed a memorandum of understanding with BAE System Saudi Development and Training.³⁶² Among other things, it aims to enhance training programs for youth in the company.

On 2 January 2020, the Ministry of Culture signed two memoranda of cooperation with the Ministry of Education and the Technical and Vocational Training Corporation.³⁶³ The aim is to improve cultural education in public and higher education institutions.³⁶⁴

³⁵⁴ Riyadh set to become Arab world’s first digital capital in 2020, Saudi Press Agency (Riyadh), 18 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2012917>

³⁵⁵ Riyadh set to become Arab world’s first digital capital in 2020, Saudi Press Agency (Riyadh), 18 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2012917>

³⁵⁶ Hadaf Launches Career Education and Development Portal to Empower National Cadres, Saudi Press Agency (Riyadh), 24 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2014615>

³⁵⁷ Hadaf Launches Career Education and Development Portal to Empower National Cadres, Saudi Press Agency (Riyadh), 24 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2014615>

³⁵⁸ Training Camp Programs for the Intellectual Property Support Centers Launched, Saudi Press Agency (Riyadh), 27 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2015705>

³⁵⁹ Training Camp Programs for the Intellectual Property Support Centers Launched, Saudi Press Agency (Riyadh), 27 December 2019. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2015705>

³⁶⁰ SIDF expands financing of mining sector, Saudi Press Agency (Riyadh), 31 December 2019. Access: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2016904>

³⁶¹ SESP signs cooperation agreement with MAERSK, Saudi Press Agency (Riyadh), 01 January 2020. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2017345>

³⁶² Saudi Aviation Association and BAE Systems Sing MoU, Saudi Press Agency (Riyadh), 01 January 2020. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2017255>

³⁶³ Ministry of Culture Signs Memorandums of Cooperation with Ministry of Education and TVTC, Saudi Press Agency (Riyadh), 02 January 2020. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2018748>

On 5 January 2020, the Salam Project for Cultural Communication launched the third edition of the Young Leaders Global Communication Program.³⁶⁵ It attempts to enhance the cultural knowledge and communication skills of 60 male and female youths through a series of courses and workshops.³⁶⁶

On 23 January 2020, Hadaf and the Saudi Abyat Building Materials Academy signed a memorandum of cooperation to train Saudi works in the construction and building sector through specialized training programs.³⁶⁷ The aim of this initiative is to meet the needs of the labour market.³⁶⁸

On 4 February 2020, Prince Faisal bin Bandar bin Abdulaziz, Governor of the Riyadh Region, announced the adoption of two initiatives to enhance the protection of women and children in cyberspace.³⁶⁹ Part of this is to be achieved by providing women with enhanced training in cyber security and empowering them to occupy leading positions in the cyber security sector.³⁷⁰

On 5 February 2020, the Saudi National Cybersecurity Authority signed a memorandum of understanding with NEOM company to develop capabilities in cybersecurity technologies for smart cities.³⁷¹

On 5 February 2020, the Saudi Minister of Energy Prince Abdulaziz bin Salman hosted the Clean Energy and Innovation Mission, in which 24 countries and the European Union participated.³⁷² The meeting discussed ways to accelerate and increase investments in research and development of clean energy as well as private sector collaborations in the field.³⁷³

³⁶⁵ Salam Project for Cultural Communication Launches Young Saudi Leaders of Global Communication Program 3rd edition, Saudi Press Agency (Riyadh), 05 January 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2019253>

³⁶⁶ Salam Project for Cultural Communication Launches Young Saudi Leaders of Global Communication Program 3rd edition, Saudi Press Agency (Riyadh), 05 January 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2019253>

³⁶⁷ Hadaf Signs a Memorandum of Cooperation with Abyat Academy to Train Saudi Cadres in Construction Sector, Saudi Press Agency (Riyadh), 23 January 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2025774>

³⁶⁸ Hadaf Signs a Memorandum of Cooperation with Abyat Academy to Train Saudi Cadres in Construction Sector, Saudi Press Agency (Riyadh), 23 January 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2025774>

³⁶⁹ Crown Prince adopts two new initiatives on Cybersecurity, Governor of Riyadh Region announces, Saudi Press Agency (Riyadh), 04 February 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2030534>

³⁷⁰ Crown Prince adopts two new initiatives on Cybersecurity, Governor of Riyadh Region announces, Saudi Press Agency (Riyadh), 04 February 2020. Access Date: 06.02.2020.

<https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2030534>

³⁷¹ Global Cybersecurity Forum Witnesses Signing of Five MoUs, Saudi Press Agency (Riyadh), 05 February 2020. Access Date: 06.02.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2031017>

³⁷² In presence of Minister of Energy, preparatory meeting for clean energy and mission of innovation (CEM11/MI5) concluded with participation of 24 countries, Saudi Press Agency (Riyadh), 05 February 2020. Access Date: 16.03.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2031069>

³⁷³ In presence of Minister of Energy, preparatory meeting for clean energy and mission of innovation (CEM11/MI5) concluded with participation of 24 countries, Saudi Press Agency (Riyadh), 05 February 2020. Access Date: 16.03.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2031069>

On 15 March 2020, during a phone call with United Kingdom Prime Minister Boris Johnson, Crown Prince Salman stressed Saudi Arabia's intention to coordinate efforts to alleviate the economic ramifications of the COVID-19 pandemic through the G20.³⁷⁴

On 16 March 2020, the Saudi Arabian Monetary Authority (SAMA) decided to cut the Repo Rate from 1.75 per cent to 1 per cent and the Reverse Repo Rate from 1.25 per cent to 0.5 per cent in order to preserve monetary stability in light of the current COVID-19 pandemic.³⁷⁵

Overall, Saudi Arabia has taken active action to promote stable economic growth by diversifying its economy and promoting a positive investment climate through confidence and transparency. Through conducting training programs for youth, women, and disabled people, Saudi Arabia attempted to promote inclusive growth and market access for marginalized groups of society. Saudi Arabia has moreover taken several measures against downside risks, such as investing in non-oil sectors and increasing financial transparency. Saudi Arabia has hence complied with all elements of the commitment.

Thus, Saudi Arabia receives a score of +1.

Analyst: Katharina Kuhn

South Africa: +1

South Africa has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 2 July 2019, Premier of KwaZulu-Natal Province Sihle Zikalala signed a travel agency agreement with China Comfort Tourism Group. The premier points out that KwaZulu-Natal expected to benefit handsomely from an agreement sealed with a giant Chinese travel agency due to the hundreds of thousands of incoming Chinese tourists.³⁷⁶

On 27 August 2019, Premier Zikalala announced multi-billion investment into Kwazulu-Natal economy, this investment included a ZAR6.5 billion commitment by Richards Bay Minerals, a ZAR1.5 billion investment by the Mara Group, which it has injected into its cellphone manufacturing operations at the Dube Trade Port Special Economic Zone, a ZAR40 billion investment by Toyota, ZAR1 billion from Sumitomo Rubber and an ZAR8 billion investment from Mondi.³⁷⁷

On 1 November 2019, Premier of Free State province Sisi Ntombela launched the 2019 Investment Prospectus in the inaugural Free State Investment Conference. All the projects in the prospectus (which included renewable energy, agriculture, mining, manufacturing, aviation, engineering, agro-processing and infrastructure industries) require ZAR123 billions of which ZAR16 billion has been

³⁷⁴ HRH the Crown Prince received phone call from British Prime Minister, Saudi Press Agency (Riyadh), 16 March 2020. Access Date: 16.03.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2047986>

³⁷⁵ SAMA's decision on repo and reverse repo rates, Saudi Press Agency (Riyadh), 16 March 2020. Access Date: 16.03.2020. <https://www.spa.gov.sa/viewstory.php?lang=en&newsid=2048195>

³⁷⁶ KwaZulu-Natal benefits from Chinese travel agency agreement, South African Government(Durban) 3 July 2019. Access Date 7 February 2020. <https://www.gov.za/speeches/giant-chinese-travel-agency-3-jul-2019-0000>

³⁷⁷ Premier Sihle Zikalala announces multi-billion investment into KwaZulu-Natal economy, South African Government(Durban) 7 August 2019. Access Date 7 February 2020. <https://www.gov.za/speeches/kwazulu-natal-economy-receive-multi-billion-capital-injection-next-few-months-27-aug-2019>

invested by the private sector to date, leaving a net shortfall of ZAR108 billion and when completed will create 21,240 jobs.³⁷⁸

On 5 November 2019, President Cyril Ramaphosa introduced Africa's first automotive Special Economic Zone in Gauteng province. This project is feasible and necessary to add momentum towards turning Gauteng City Region into a single, multi-tier and integrated special economic zone.³⁷⁹

On 6 November 2019, President Ramaphosa led the government in hosting this momentous Second South Africa investment conference. The conference focused on the green economy as well as the role of micro, small and medium-sized enterprises in unlocking the potential of young people. The manufacturing, the role of tourism in the country's growth trajectory and the opportunities in the agro-processing industry were also the main discussion topics through the conference.³⁸⁰

On 1 January 2020, President Ramaphosa, has addressed the South African Heads of Mission accredited to countries on the African continent, these include economic integration across the continent and the operationalisation of the African Continental Free Trade Area (AfCFTA), the economic and financial inclusion of women and the fight against gender based violence, and the promotion of good governance.³⁸¹

On 2 February 2020, Minister of Finance and Economic Opportunities David Maynier launched start-up online investment course to boost Western Cape digital economy growth which can offer opportunities for those who understand the risks and rewards of early-stage investing.³⁸²

On 3 February 2020, Department of Economic Development and Tourism recognized load shedding support available for businesses in the Western Cape, this movement had a major impact to the bottom line of businesses, affects the economy negatively and possibly results in job losses.³⁸³

On 7 February 2020, DEDAT of the government of South Africa has announced that they are going to launch a series of methods supporting businesses to beat load shedding in Western Cape Province. One of the ways to achieve energy security is through the installation of solar photo-voltaic in citizens' business or home.³⁸⁴

³⁷⁸ Free State Economic, Small Business Development, Tourism and Environmental Affairs launches 2019 Investment Prospectus, South African Government (Bloemfontein) 1 November 2019. Access Date 7 February 2020.

<https://www.gov.za/speeches/free-state-ready-do-business-1-nov-2019-0000>

³⁷⁹ President Cyril Ramaphosa launches Africa's first automotive Special Economic Zone(SEZ) in Gauteng, South African Government (Pretoria) 5 November 2019. Access Date 7 February 2020. <https://www.gov.za/speeches/president-cyril-ramaphosa-launches-africa%280%99s-first-automotive-special-economic-zone-sez>

³⁸⁰ Government on South Africa Investment Conference, South African Government(Pretoria) 6 November 2019. Access Date: 7 February 2020. <https://www.gov.za/speeches/all-systems-6-nov-2019-0000>

³⁸¹ President Cyril Ramaphosa calls on business to support African's economic aspirations, South African Government (Pretoria) 28 January 2020. Access Date 7 February 2020. <https://www.gov.za/speeches/business-support-28-jan-2020-0000>

³⁸² MEC David Maynier launches start-up online investment course to boost Western Cape digital economy growth, South African Government (Pretoria) 3 February 2020. Access Date 7 February 2020. <https://www.gov.za/speeches/free-start-investor-course-launched-boost-digital-economy-growth-western-cape-3-feb-2020>

³⁸³ Western Cape Economic Development and Tourism supports businesses to beat load shedding, South African Government (Pretoria) 7 February 2020. Access Date 7 February 2020. <https://www.gov.za/speeches/load-shedding-support-available-businesses-western-cape-7-feb-2020-0000>

³⁸⁴ Western Cape Economic Development and Tourism supports businesses to beat load shedding, South Africa Government (Preoria) 7 February 2020. Access Date 15 March 2020. <https://www.gov.za/speeches/load-shedding-support-available-businesses-western-cape-7-feb-2020-0000>

On 9 March 2020, the Department of Economic Development, Environment, Conservation and Tourism of the North West province announced that they will continue to finance Bophelo ba Nneta Building Co-operative. With the assistance from the government, the Bophelo ba Nneta cooperative can receive an operational tool to increase their production. This is part of the government intervention aimed at building sufficient capacity to create sustainable enterprises.³⁸⁵

South Africa has taken actions to both promote inclusive growth, as well as to safeguard against downside risk.

Thus, South Africa receives a score of +1.

Analyst: Zimu Zhao

Turkey: 0

Turkey has partially complied with the commitment to inclusive growth and protection against downside risk.

On 1 October 2019, Minister of Trade Ruhsar Peckan signed a framework agreement between Turkey and Jordan for a joint economic committee to boost bilateral trade and economic relations. This agreement aims to enhance macroeconomic cooperation between the two countries.³⁸⁶

Turkey has taken actions that safeguard against downside risk but not actions that promote inclusive growth.

Thus, it is given a score of 0.

Analyst: Olga Tumurova

United Kingdom: +1

The United Kingdom has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 1 July 2019, Ministers from Scotland and England signed a growth deal for the border region between England and Scotland.³⁸⁷ The deal entails GBP394.5 million worth of investment in districts on both sides of the border and aims at accelerating economic development in the region, creating jobs and encouraging future investments.³⁸⁸

On 13 July 2019, during his visit to Kenya, International Development Secretary Rory Stewart announced a UK aid package to tackle climate change in several African countries.³⁸⁹ The package

³⁸⁵ North West Finance on Bophelo ba Nneta Building Co-operative, South Africa Government (Preoria) 9 March 2020. Access Date 15 March 2020

<https://www.gov.za/speeches/bophelo-ba-nneta-building-co-operative-doing-well-and-keen-expand-its-customer-base-9-mar>

³⁸⁶ Turkey, Jordan sign agreement to boost bilateral trade, Anadolu Agency (Istanbul). 02 October 2019. Access date: 1 February 2020. <https://www.aa.com.tr/en/turkey/turkey-jordan-sign-agreement-to-boost-bilateral-trade/1599568>

³⁸⁷ Boost for Borderlands: Growth Deal signed, Government of the United Kingdom (London), 1 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/boost-for-borderlands-growth-deal-signed>

³⁸⁸ Boost for Borderlands: Growth Deal signed, Government of the United Kingdom (London), 1 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/boost-for-borderlands-growth-deal-signed>

³⁸⁹ UK aid's biggest ever single direct commitment to tackle climate change in Africa, Government of the United Kingdom (London), 13 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/uk-aids-biggest-ever-single-direct-commitment-to-tackle-climate-change-in-africa>

supports sub-Saharan African countries to build resilience to climate change and develop low carbon economies.³⁹⁰

On 17 July 2019, Chancellor of the Exchequer Philipp Hammond announced that the United Kingdom will contribute GBP15 million to a World Bank's Identification for Development (ID4D) initiative.³⁹¹ By providing identification documents to unregistered people in poor communities, the initiatives aim at alleviating poverty.³⁹²

On 18 July 2019, the Education Secretary Damian Hinds launched the National Retraining Scheme.³⁹³ The related digital service Get Help to Retrain offers adults help to discover new opportunities and to build their career based on local job and training opportunities.³⁹⁴ The scheme aims to fit the labour market to the needs of the smart and digital economy.³⁹⁵

On 19 July 2019, Business Minister Lord Henley introduced a new economic blueprint to develop the South East Midlands.³⁹⁶ Plans are directed at turning the area into a centre of investing and implementing new technology, which is expected to create new jobs and opportunities in the area.³⁹⁷ Economic Blueprints were introduced for Buckinghamshire, Cambridgeshire and Peterborough as well as Oxfordshire.³⁹⁸ The blueprints set out plans for how to increase earning power and opportunities for people and businesses in the regions by building on their unique strengths.³⁹⁹

On 22 July 2019, the government unveiled a GBP80 million investment to promote the development of electric vehicles and hybrid aircrafts.⁴⁰⁰ Through the investment, the Government wants to contribute to tackling climate change and to promote clean growth.⁴⁰¹

³⁹⁰ UK aid's biggest ever single direct commitment to tackle climate change in Africa, Government of the United Kingdom (London), 13 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/uk-aids-biggest-ever-single-direct-commitment-to-tackle-climate-change-in-africa>

³⁹¹ UK takes action to help world's poorest access financial and public services, Government of the United Kingdom (London), 17 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/uk-takes-action-to-help-worlds-poorest-access-financial-and-public-services>

³⁹² UK takes action to help world's poorest access financial and public services, Government of the United Kingdom (London), 17 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/uk-takes-action-to-help-worlds-poorest-access-financial-and-public-services>

³⁹³ Scheme to help adults retrain gets underway, Government of the United Kingdom (London), 18 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/scheme-to-help-adults-retrain-gets-underway>

³⁹⁴ Scheme to help adults retrain gets underway, Government of the United Kingdom (London), 18 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/scheme-to-help-adults-retrain-gets-underway>

³⁹⁵ Scheme to help adults retrain gets underway, Government of the United Kingdom (London), 18 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/scheme-to-help-adults-retrain-gets-underway>

³⁹⁶ Innovation and commercialisation at heart of new economic plan for South East Midlands, Government of the United Kingdom (London), 19 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/innovation-and-commercialisation-at-heart-of-new-economic-plan-for-south-east-midlands>

³⁹⁷ Innovation and commercialisation at heart of new economic plan for South East Midlands, Government of the United Kingdom (London), 19 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/innovation-and-commercialisation-at-heart-of-new-economic-plan-for-south-east-midlands>

³⁹⁸ Five new regional economic blueprints launched in boost to jobs and growth, Government of the United Kingdom (London), 19 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/five-new-regional-economic-blueprints-launched-in-boost-to-jobs-and-growth>

³⁹⁹ Five new regional economic blueprints launched in boost to jobs and growth, Government of the United Kingdom (London), 19 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/five-new-regional-economic-blueprints-launched-in-boost-to-jobs-and-growth>

⁴⁰⁰ New investment to drive forward next generation of net zero planes and cars, Government of the United Kingdom (London), 22 July 2019. Access Date: 08.02.2020. [https://www.gov.uk/government/news/new-investment-to-drive-forward-next-generation-of-netzero-planes-and-cars](https://www.gov.uk/government/news/new-investment-to-drive-forward-next-generation-of-net-zero-planes-and-cars)

On 22 July 2019, the government launched a new research and development competition for projects aiming to radically increase the productivity and agility of UK manufacturing.⁴⁰²

On 8 August 2019, Foreign Secretary Dominic Raab signed a new partnership with Mexico that is aimed at promoting sustainable and inclusive economic growth in both countries.⁴⁰³ Besides political cooperation, the partnership promotes investment and trade in a variety of sectors.⁴⁰⁴ The UK Government will moreover support Mexico in tackling poverty and inequality, thereby opening up markets for UK businesses.⁴⁰⁵

On 16 August 2019, Tourism Minister Rebecca Pow launched a competition to enhance broadband facilities in conference centres across the United Kingdom, thereby supporting the business events sector.⁴⁰⁶ The funding will help venues to attract more international business events, which in turn is expected to promote economic growth and encourage trade and investment.⁴⁰⁷

On 17 August 2019, Chancellor Sajid Javid announced a fund of over GBP600 million in support of the building of the new homes.⁴⁰⁸ The fund will especially focus on infrastructure investments that are necessary to increase housing.⁴⁰⁹

On 24 August 2019, the government announced a GBP5 million investment into research on low carbon transport.⁴¹⁰ The research will enhance economic growth and productivity in the respective research hubs while contributing to sustainable growth.⁴¹¹

⁴⁰¹ New investment to drive forward next generation of net zero planes and cars, Government of the United Kingdom (London), 22 July 2019. Access Date: 08.02.2020. [https://www.gov.uk/government/news/new-investment-to-drive-forward-next-generation-of-netzero-planes-and-cars](https://www.gov.uk/government/news/new-investment-to-drive-forward-next-generation-of-net-zero-planes-and-cars)

⁴⁰² UK advanced manufacturing gets boost with new investment in digital tech competition, Government of the United Kingdom (London), 22 July 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/uk-advanced-manufacturing-gets-boost-with-new-investment-in-digital-tech-competition>

⁴⁰³ Foreign Secretary to sign landmark agreement to boost economic growth in UK and Mexico, Government of the United Kingdom (London), 08 August 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/foreign-secretary-to-sign-landmark-agreement-to-boost-economic-growth-in-uk-and-mexico>

⁴⁰⁴ Foreign Secretary to sign landmark agreement to boost economic growth in UK and Mexico, Government of the United Kingdom (London), 08 August 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/foreign-secretary-to-sign-landmark-agreement-to-boost-economic-growth-in-uk-and-mexico>

⁴⁰⁵ Foreign Secretary to sign landmark agreement to boost economic growth in UK and Mexico, Government of the United Kingdom (London), 08 August 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/foreign-secretary-to-sign-landmark-agreement-to-boost-economic-growth-in-uk-and-mexico>

⁴⁰⁶ £250,000 boost for broadband in conference centres, Government of the United Kingdom (London), 16 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/250000-boost-for-broadband-in-conference-centres>

⁴⁰⁷ £250,000 boost for broadband in conference centres, Government of the United Kingdom (London), 16 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/250000-boost-for-broadband-in-conference-centres>

⁴⁰⁸ £600 million boost for housing, Government of the United Kingdom (London), 17 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/600-million-boost-for-housing>

⁴⁰⁹ £600 million boost for housing, Government of the United Kingdom (London), 17 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/600-million-boost-for-housing>

⁴¹⁰ Cardiff's new transport research network receives £1m UK Government cash boost to turn vehicles green, Government of the United Kingdom (London), 24 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/cardiffs-new-transport-research-network-receives-1m-uk-government-cash-boost-to-turn-vehicles-green>

On 25 August 2019, International Development Secretary Alok Sharma announced that the United Kingdom will provide support to female entrepreneurs and business women across Africa through business training and improved access to business loans in order to promote economic growth on the continent.⁴¹²

On 26 August 2019, Prime Minister Boris Johnson confirmed that an additional 50 towns will benefit from the Future High Streets Fund.⁴¹³ The funding will enable towns to invest in vital infrastructure and introduce new homes and workplaces in city centres, thereby enabling local growth.⁴¹⁴

On 27 August 2019, Digital Secretary Nicky Morgan launched a UK-wide competition to support rural communities in harnessing new 5G technology.⁴¹⁵ The application of 5G in rural communities will help to support business growth and encourage innovation.⁴¹⁶

On 28 August 2019, International Development Secretary Alok Sharma announced a new Commission to increase infrastructure projects in developing countries.⁴¹⁷ He said a special focus will be given to mobilise private sector investment to create jobs and build sustainable economic growth.⁴¹⁸

On 2 September 2019, during his first visit to Mozambique, Minister for Africa Andrew Stephenson stated the United Kingdom was committed to partner with Mozambique to increase jobs and opportunities for young people.⁴¹⁹ The United Kingdom will support Mozambique by providing

⁴¹¹ Cardiff's new transport research network receives £1m UK Government cash boost to turn vehicles green, Government of the United Kingdom (London), 24 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/cardiffs-new-transport-research-network-receives-1m-uk-government-cash-boost-to-turn-vehicles-green>

⁴¹² UK aid to break down barriers for female entrepreneurs in Africa, Government of the United Kingdom (London), 25 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-to-break-down-barriers-for-female-entrepreneurs-in-africa>

⁴¹³ £1 billion Future High Streets Fund expanded to 50 more areas, Government of the United Kingdom (London), 26 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/1-billion-future-high-streets-fund-expanded-to-50-more-areas>

⁴¹⁴ £1 billion Future High Streets Fund expanded to 50 more areas, Government of the United Kingdom (London), 26 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/1-billion-future-high-streets-fund-expanded-to-50-more-areas>

⁴¹⁵ 30m to spark rollout of next generation 5G in rural Wales and help countryside capitalise on tech revolution, Government of the United Kingdom (London), 27 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/30m-to-spark-rollout-of-next-generation-5g-in-rural-wales-and-help-countryside-capitalise-on-tech-revolution>

⁴¹⁶ 30m to spark rollout of next generation 5G in rural Wales and help countryside capitalise on tech revolution, Government of the United Kingdom (London), 27 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/30m-to-spark-rollout-of-next-generation-5g-in-rural-wales-and-help-countryside-capitalise-on-tech-revolution>

⁴¹⁷ International Development Secretary to boost infrastructure in the poorest countries with UK aid, Government of the United Kingdom (London), 28 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/international-development-secretary-to-boost-infrastructure-in-the-poorest-countries-with-uk-aid>

⁴¹⁸ International Development Secretary to boost infrastructure in the poorest countries with UK aid, Government of the United Kingdom (London), 28 August 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/international-development-secretary-to-boost-infrastructure-in-the-poorest-countries-with-uk-aid>

⁴¹⁹ UK aid to empower young people and boost jobs in Mozambique, Government of the United Kingdom (London), 02 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-to-empower-young-people-and-boost-jobs-in-mozambique>

skills training to young Mozambicans, thereby helping to meet the needs of companies and contributing to economic growth.⁴²⁰

On 5 September 2019, the Department for International Trade introduced an online tool that will around British business to report issues impeding their participation in global trade.⁴²¹ The tool will support the Government in tackling trade barriers that limit the competitiveness of British exports.⁴²²

On 10 September 2019, Ministers announced investing more than GBP500,000,000 in green technologies, thereby aiming at tackling climate change and increasing sustainability while promoting economic growth.⁴²³

On 20 September 2019, the Coastal Communities Fund announced projects to support around 1,000 jobs and attract investment from public and private investment sources.⁴²⁴ The projects aim at creating new jobs for coastal communities and hence contributing to evening out regional inequalities.⁴²⁵

On 20 September 2019, the government announced new investments into research and small businesses to encourage researchers and businesses to explore opportunities in science and innovation and industries.⁴²⁶ The idea behind these investments is to harness cooperation between business and academia to build businesses of the future.⁴²⁷

On 24 September 2019, Prime Minister Johnson announced GBP515 million of funding to the United Nations in order to tackle impediments to education for girls across the world.⁴²⁸ Boris

⁴²⁰ UK aid to empower young people and boost jobs in Mozambique, Government of the United Kingdom (London), 02 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-to-empower-young-people-and-boost-jobs-in-mozambique>

⁴²¹ New service to open overseas markets for UK businesses (London), 05 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/new-service-to-open-overseas-markets-for-uk-businesses>

⁴²² New service to open overseas markets for UK businesses (London), 05 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/new-service-to-open-overseas-markets-for-uk-businesses>

⁴²³ Over £500m new investment in green technologies for a cleaner and healthier future, Government of the United Kingdom (London), 10 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/over-500m-new-investment-in-green-technologies-for-a-cleaner-and-healthier-future>

⁴²⁴ Government announces over £10 million for 5 more coastal communities, Government of the United Kingdom (London), 20 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/government-announces-over-10-million-for-5-more-coastal-communities>

⁴²⁵ Government announces over £10 million for 5 more coastal communities, Government of the United Kingdom (London), 20 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/government-announces-over-10-million-for-5-more-coastal-communities>

⁴²⁶ Science superstars and small businesses could bring the next big innovations to market with £100 million boost, Government of the United Kingdom (London), 20 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/science-superstars-and-small-businesses-could-bring-the-next-big-innovations-to-market-with-100-million-boost>

⁴²⁷ Science superstars and small businesses could bring the next big innovations to market with £100 million boost, Government of the United Kingdom (London), 20 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/science-superstars-and-small-businesses-could-bring-the-next-big-innovations-to-market-with-100-million-boost>

⁴²⁸ PM steps up UK effort to get every girl in the world into school, Government of the United Kingdom (London), 24 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

Jonson stressed that by supporting the schooling and empowerment of girls and women, the Government hopes to contribute to inclusive economic growth in underdeveloped regions.⁴²⁹

On 1 October 2019, Education Secretary Gavin Williamson announced a series of measures to build a skilled workforce that is fit for the requirements of the Fourth Industrial Revolution and to increase productivity.⁴³⁰ The main focus of these measures will be investment and support in technical education, which is expected to lead to the establishment of an Institute of Technology in every region in England.⁴³¹

On 2 October 2019, Secretary of State for Scotland Alister Jack announced a GBP25 million new Growth Deal for two regions in Scotland.⁴³² Based on support from the British Government, the initiative hopes to attract investment from local partners and to boost the local economy and deliver skilled jobs.⁴³³ A similar deal was announced for Northern Ireland the same day, also designed to support economic growth, create jobs or invest in local projects.⁴³⁴

On 8 October 2019, International Development Secretary Alok Sharma announced the cooperation of the United Kingdom with the Bill & Melinda Gates Foundation to research and produce crops that can withstand the impacts of climate change as well as pests and diseases.⁴³⁵ The initiative contributes to tackling poverty and making agriculture more resilient.⁴³⁶

On 11 October 2019, Digital Secretary Nicky Morgan announced a new law to ensure broadband access for people living in blocks of flats.⁴³⁷ He stressed that delivering digital infrastructure is crucial to promote the growth and productivity of the British economy.⁴³⁸

⁴²⁹ PM steps up UK effort to get every girl in the world into school, Government of the United Kingdom (London), 24 September 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

⁴³⁰ New measures announced to help boost the nation's skills, Government of the United Kingdom (London), 01 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/new-measures-announced-to-help-boost-the-nations-skills>

⁴³¹ New measures announced to help boost the nation's skills, Government of the United Kingdom (London), 01 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/new-measures-announced-to-help-boost-the-nations-skills>

⁴³² Scottish Secretary announces £25 million for new Growth Deal, Government of the United Kingdom (London), 02 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/scottish-secretary-announces-25-million-for-new-growth-deal>

⁴³³ Scottish Secretary announces £25 million for new Growth Deal, Government of the United Kingdom (London), 02 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/scottish-secretary-announces-25-million-for-new-growth-deal>

⁴³⁴ £163 million economic package for Northern Ireland, Government of the United Kingdom (London), 02 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/163-million-economic-package-for-northern-ireland>

⁴³⁵ UK aid partners with Gates Foundation to tackle global food insecurity, Government of the United Kingdom (London), 08 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-partners-with-gates-foundation-to-tackle-global-food-insecurity>

⁴³⁶ UK aid partners with Gates Foundation to tackle global food insecurity, Government of the United Kingdom (London), 08 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-partners-with-gates-foundation-to-tackle-global-food-insecurity>

⁴³⁷ Millions set to benefit from faster broadband with new plans to tackle rogue landlords, Government of the United Kingdom (London), 10 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/millions-set-to-benefit-from-faster-broadband-with-new-plans-to-tackle-rogue-landlords>

⁴³⁸ Millions set to benefit from faster broadband with new plans to tackle rogue landlords, Government of the United Kingdom (London), 10 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/millions-set-to-benefit-from-faster-broadband-with-new-plans-to-tackle-rogue-landlords>

On 24 October 2019, the government announced to sponsor new PhDs and researchers to work on pressing issues in Artificial Intelligence and sustainable development solutions.⁴³⁹ It hopes to attract and retain talent through this investment and to build a workforce that is fit for the future.⁴⁴⁰

On 25 October 2019, the government introduced a deal with the mobile phone industry to enhance mobile coverage in rural areas.⁴⁴¹ The initiative attempts to tackle the digital divide between urban and rural areas, thereby supporting regional economic growth.⁴⁴²

On 1 November 2019, Housing Secretary Jon Robert Jenrick announced five additional Housing Infrastructure Fund projects, based on which the Government will make investments in transportation infrastructure, schools and other utilities in order to ensure that local communities have the appropriate infrastructure to build housing.⁴⁴³ The investments are expected to boost local economies.⁴⁴⁴

On 1 November 2019, the government announced a new grant scheme for rural businesses to boost productivity and create local jobs.⁴⁴⁵

On 2 November 2019, Works and Pensions Secretary Thérèse Coffey confirmed a series of changes to be introduced to the Disability Confident Scheme which promotes workplace inclusivity.⁴⁴⁶ The changes includes new public reporting requirements for Disability Confident employers to promote effective compliance with the scheme.⁴⁴⁷

On 5 November 2019, Business Minister Kelly Tolhurst announced funding opportunities for businesses in the United Kingdom.⁴⁴⁸ The funding is part of a broader initiative that aims to increase

⁴³⁹ Government backs next generation of scientists to transform healthcare and tackle climate change, Government of the United Kingdom (London), 24 October 2019. Access Date: 07.02.2020.

<https://www.gov.uk/government/news/government-backs-next-generation-of-scientists-to-transform-healthcare-and-tackle-climate-change>

⁴⁴⁰ Government backs next generation of scientists to transform healthcare and tackle climate change, Government of the United Kingdom (London), 24 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/government-backs-next-generation-of-scientists-to-transform-healthcare-and-tackle-climate-change>

⁴⁴¹ £1 billion deal set to solve poor mobile coverage, Government of the United Kingdom (London), 25 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/1-billion-deal-set-to-solve-poor-mobile-coverage>

⁴⁴² £1 billion deal set to solve poor mobile coverage, Government of the United Kingdom (London), 25 October 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/1-billion-deal-set-to-solve-poor-mobile-coverage>

⁴⁴³ Full steam ahead as infrastructure revolution advances, Government of the United Kingdom (London), 01 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/full-steam-ahead-as-infrastructure-revolution-advances>

⁴⁴⁴ Full steam ahead as infrastructure revolution advances, Government of the United Kingdom (London), 01 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/full-steam-ahead-as-infrastructure-revolution-advances>

⁴⁴⁵ Rural businesses to benefit from £35m government fund, Government of the United Kingdom (London), 01 November 2019. Access Date: 08.02.2020. <https://www.gov.uk/government/news/rural-businesses-to-benefit-from-35m-government-fund>

⁴⁴⁶ Disability Confident scheme leads to inclusive workforce, Government of the United Kingdom (London), 02 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/disability-confident-scheme-leads-to-inclusive-workforce>

⁴⁴⁷ Disability Confident scheme leads to inclusive workforce, Government of the United Kingdom (London), 02 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/disability-confident-scheme-leads-to-inclusive-workforce>

⁴⁴⁸ £56 mission to boost business productivity, Government of the United Kingdom (London), 05 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/56-million-to-boost-business-productivity>

productivity in the United Kingdom by supporting especially small businesses in tackling management issues and in becoming more profitable and productive.⁴⁴⁹

On 5 November 2019, Housing Minister Esther McVey launched a new expert advisory council dedicated to the digital transformation of the property sector.⁴⁵⁰ The council is expected to support and grow the sector, thereby making it easier and cheaper to build and buy new homes.⁴⁵¹

On 20 December 2019, Local Government Secretary Robert Jenrick declared that spending for local governments will be substantially increased in 2020, thereby increasing the spending power of local authorities for social care.⁴⁵² The increase in funding will support local growth and promote the protection of marginalized and vulnerable parts of local communities.⁴⁵³

On 7 January 2020, the United Kingdom's export credit agency UK Export Finance guaranteed GBP47.6 million to support Solarcentury in building two of the largest solar plants in Spain, thereby promoting British exports and supporting green collar jobs in the United Kingdom.⁴⁵⁴

On 10 January 2020, the government announced GBP71 million new funding to turn the former site of the SSI Steelworks company into a business zone for tech companies, manufacturing and clean energy.⁴⁵⁵ Doing so, the government attempts to create new jobs, thereby promoting economic growth and prosperity in the North of the country.⁴⁵⁶

On 15 January 2020, the government announced to provide GBP2 billion to Northern Ireland to increase infrastructure investment and transform public services.⁴⁵⁷ The financial package attempts to spur reforms in health, education and justice.⁴⁵⁸

⁴⁴⁹ £56 mission to boost business productivity, Government of the United Kingdom (London), 05 November 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/56-million-to-boost-business-productivity>

⁴⁵⁰ PropTech dragons form new expert property innovation council, Government of the United Kingdom (London), 05 November 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/proptech-dragons-form-new-expert-property-innovation-council>

⁴⁵¹ PropTech dragons form new expert property innovation council, Government of the United Kingdom (London), 05 November 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/proptech-dragons-form-new-expert-property-innovation-council>

⁴⁵² Biggest multi-billion pound spending increase for councils in decade, Government of the United Kingdom, 20 December 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/biggest-multi-billion-pound-spending-increase-for-councils-in-a-decade>

⁴⁵³ Biggest multi-billion pound spending increase for councils in decade, Government of the United Kingdom, 20 December 2019. Access Date: 07.02.2020. <https://www.gov.uk/government/news/biggest-multi-billion-pound-spending-increase-for-councils-in-a-decade>

⁴⁵⁴ UK solar company secures funding to build two major solar plants in Spain, Government of the United Kingdom (London), 07 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-solar-company-secures-funding-to-build-two-major-solar-plants-in-spain>

⁴⁵⁵ Teesside transformation backed by £71m government funding, Government of the United Kingdom (London), 10 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/teesside-transformation-backed-by-71m-government-funding>

⁴⁵⁶ Teesside transformation backed by £71m government funding, Government of the United Kingdom (London), 10 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/teesside-transformation-backed-by-71m-government-funding>

⁴⁵⁷ UK Government commits to £2bn to support new Northern Ireland Executive, Government of the United Kingdom (London), 15 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-government-commits-2bn-to-support-new-northern-ireland-executive>

⁴⁵⁸ UK Government commits to £2bn to support new Northern Ireland Executive, Government of the United Kingdom (London), 15 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-government-commits-2bn-to-support-new-northern-ireland-executive>

On 15 January 2020, the government announced measures to support and enhance regional connectivity across the United Kingdom.⁴⁵⁹ The measures will ensure domestic transport connections, including connections to regional airports, for all communities.⁴⁶⁰

On 16 January 2020, International Development Secretary Alok Sharma announced new programmes to promote the access of African women entrepreneurs to global markets.⁴⁶¹

On 20 January 2020, during the UK-Africa Investment Summit, Secretary of State for International Development Alok Sharma and the Minister of International Cooperation of Egypt Dr. Rania Al-Mashat agreed to enhance economic cooperation.⁴⁶² The cooperation is expected to contribute to sustainable economic growth in Egypt.⁴⁶³ Besides Egypt, the United Kingdom is also partnering with Ethiopia, Ghana, Kenya and the African Development Bank to promote British private sector investments in environmentally-friendly infrastructure projects.⁴⁶⁴ The UK Government also announced the Growth Gateway, which is a service to help African, UK and other businesses to trade with and invest in each other.⁴⁶⁵ The idea behind the Growth Gateway is to capitalise on opportunities for international growth in African markets.⁴⁶⁶

On 29 January 2020, Housing Secretary Robert Jenrick announced a new credit scheme to support small and medium sized building firms in entering the market.⁴⁶⁷ The scheme is part of the Government's commitment to provide a million new homes by 2024.⁴⁶⁸

On 30 January 2020, the Bank of England's Monetary Policy Committee announced to maintain Bank Rate at 0.75 per cent.⁴⁶⁹ According to the committee, this is part of a monetary policy that aims

⁴⁵⁹ Government announces measures on regional connectivity, Government of the United Kingdom (London), 15 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/government-announces-measures-on-regional-connectivity>

⁴⁶⁰ Government announces measures on regional connectivity, Government of the United Kingdom (London), 15 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/government-announces-measures-on-regional-connectivity>

⁴⁶¹ UK aid boosts support for African women entrepreneurs to expand businesses into global markets, Government of the United Kingdom (London), 16 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

⁴⁶² UK — Egypt announce joint economic partnership, Government of the United Kingdom (London), 20 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-egypt-announce-joint-economic-partnership>

⁴⁶³ UK — Egypt announce joint economic partnership, Government of the United Kingdom (London), 20 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/uk-egypt-announce-joint-economic-partnership>

⁴⁶⁴ International Development Secretary launches new venture to create rich pipeline of infrastructure projects across Africa, Government of the United Kingdom (London), 20 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/international-development-secretary-launches-new-venture-to-create-rich-pipeline-of-infrastructure-projects-across-africa>

⁴⁶⁵ Growth Gateway announced at UK-Africa Investment Summit, Government of the United Kingdom (London), 20 January 2020. Access Date: 08.02.2020. <https://www.gov.uk/government/news/growth-gateway-announced-at-uk-africa-investment-summit>

⁴⁶⁶ Growth Gateway announced at UK-Africa Investment Summit, Government of the United Kingdom (London), 20 January 2020. Access Date: 08.02.2020. <https://www.gov.uk/government/news/growth-gateway-announced-at-uk-africa-investment-summit>

⁴⁶⁷ Housing Secretary confirms £1 billion of finance to support small and medium sized builders, Government of the United Kingdom (London), 29 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/housing-secretary-confirms-1-billion-of-finance-to-support-small-and-medium-sized-builders>

⁴⁶⁸ Housing Secretary confirms £1 billion of finance to support small and medium sized builders, Government of the United Kingdom (London), 29 January 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/housing-secretary-confirms-1-billion-of-finance-to-support-small-and-medium-sized-builders>

⁴⁶⁹ Bank Rate maintained at 0.75% — January 2020, Bank of England (London), 30 January 2020. Access Date: 08.02.2020. <https://www.bankofengland.co.uk/monetary-policy-summary-and-minutes/2020/january-2020>

to ensure a sustainable return to the 2 per cent inflation target of the United Kingdom, thereby promoting economic stability.⁴⁷⁰

On 6 February 2020, the Social Mobility Commission launched a new guide to help employers attract and retain employees from socio-economically diverse backgrounds.⁴⁷¹ With this initiative, it hopes to facilitate the labour market access of underprivileged social groups.⁴⁷²

On 20 February 2020, Life Sciences Minister Nadhim Zahawi introduced a new GBP10 million scheme to support researchers and businesses across the UK in the development of medical technology, thereby strengthening the sector.⁴⁷³

On 20 February 2020, Digital Secretary Oliver Dowden announced GBP35 million of funding for nine projects across the country that tackle the spread of 5G technology.⁴⁷⁴ Part of the funding will be used to create jobs in rural areas.⁴⁷⁵

On 21 February 2020, the UK Prosperity Fund launched its Future Cities Programme in three cities in South Africa.⁴⁷⁶ The programme targets improvements in transport, urban resilience, and sustainable planning.⁴⁷⁷

On 24 February 2020, Local Government Secretary Robert Jenrick confirmed a GBP49.2 billion package for local councils in England.⁴⁷⁸ The funding includes increased budgets for social care, rewards for building new homes, support for rural areas as well as funds to enable economic growth.⁴⁷⁹

⁴⁷⁰ Bank Rate maintained at 0.75% — January 2020, Bank of England (London), 30 January 2020. Access Date: 08.02.2020. <https://www.bankofengland.co.uk/monetary-policy-summary-and-minutes/2020/january-2020>

⁴⁷¹ Helping employers increase socio-economic diversity and inclusion, Government of the United Kingdom (London), 06 February 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/helping-employers-increase-socio-economic-diversity-and-inclusion>

⁴⁷² Helping employers increase socio-economic diversity and inclusion, Government of the United Kingdom (London), 06 February 2020. Access Date: 07.02.2020. <https://www.gov.uk/government/news/helping-employers-increase-socio-economic-diversity-and-inclusion>

⁴⁷³ £10 million boost to improve patient care with new technologies, Government of the United Kingdom (London), 20 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/10-million-boost-to-improve-patient-care-with-new-technologies>

⁴⁷⁴ New £65 million package for 5G trials, Government of the United Kingdom (London), 20 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/new-65-million-package-for-5g-trials>

⁴⁷⁵ New £65 million package for 5G trials, Government of the United Kingdom (London), 20 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/new-65-million-package-for-5g-trials>

⁴⁷⁶ Prosperity Fund's Future Cities Programme launches in South Africa, Government of the United Kingdom (London), 21 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/prosperity-funds-future-cities-programme-launches-in-south-africa>

⁴⁷⁷ Prosperity Fund's Future Cities Programme launches in South Africa, Government of the United Kingdom (London), 21 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/prosperity-funds-future-cities-programme-launches-in-south-africa>

⁴⁷⁸ Government confirms multi-billion pound spending increase for councils, Government of the United Kingdom, 25 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/government-confirms-multi-billion-pound-spending-increase-for-councils>

⁴⁷⁹ Government confirms multi-billion pound spending increase for councils, Government of the United Kingdom, 25 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/government-confirms-multi-billion-pound-spending-increase-for-councils>

On 28 February 2020, UK Rail Minister Chris Heaton-Harris confirmed a GBP20 million fund to improve rail connections across the United Kingdom.⁴⁸⁰ The fund is part of the Government's GBP500 million package to reopen former routes and stations that had been closed in the 1960s and is hoped to improve infrastructure across the country and facilitate economic growth in less well-connected regions.⁴⁸¹

On 6 March 2020, Prime Minister Boris Johnson announced a GBP46 million package to support research for a coronavirus vaccine as well as to develop a rapid test for the disease.⁴⁸²

On 6 March 2020, Communities Secretary Robert Jenrick announced a new GBP6.5 million English language programme to help local authorities to meet the English language needs of their communities.⁴⁸³ Language classes are hoped to increase integration and social and economic mobility of peripheral communities.⁴⁸⁴

On 6 March 2020, Business Secretary Alok Sharma and UK Education Secretary Gavin Williamson announced a GBP186.9 million investment into sciences.⁴⁸⁵ The funding is partly dedicated to improving A level participation in the hard sciences, especially among girls and disadvantaged groups.⁴⁸⁶

On 9 March 2020, the government extended delivery hours for food retailers.⁴⁸⁷ By increasing the frequency of their deliveries, the food industry is hoped to respond better to the consequences of the Covid-19 pandemic.⁴⁸⁸

On 9 March 2020, Trade Commissioner for Africa Emma Wade-Smith met with businesses of different sizes across the UK to discuss future investment and support opportunities of British business in Africa.⁴⁸⁹

⁴⁸⁰ £20 million to connect communities across the country with new railway stations, Government of the United Kingdom (London), 28 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/20-million-to-connect-communities-across-the-country-with-new-railway-stations>

⁴⁸¹ £20 million to connect communities across the country with new railway stations, Government of the United Kingdom (London), 28 February 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/20-million-to-connect-communities-across-the-country-with-new-railway-stations>

⁴⁸² PM announces new funding in fight against spread of coronavirus, Government of the United Kingdom (London), 06 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/pm-announces-new-funding-in-fight-against-spread-of-coronavirus>

⁴⁸³ Thousands to benefit from new English language classes, Government of the United Kingdom (London), 06 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/thousands-to-benefit-from-new-english-language-classes>

⁴⁸⁴ Thousands to benefit from new English language classes, Government of the United Kingdom (London), 06 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/thousands-to-benefit-from-new-english-language-classes>

⁴⁸⁵ Multi-million government investment in the future of UK science, Government of the United Kingdom (London), 06 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/multi-million-government-investment-in-the-future-of-uk-science>

⁴⁸⁶ Multi-million government investment in the future of UK science, Government of the United Kingdom (London), 06 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/multi-million-government-investment-in-the-future-of-uk-science>

⁴⁸⁷ New measures on night time deliveries to supermarkets to support coronavirus response, Government of the United Kingdom (London), 09 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/new-measures-on-night-time-deliveries-to-supermarkets-to-support-coronavirus-response>

⁴⁸⁸ New measures on night time deliveries to supermarkets to support coronavirus response, Government of the United Kingdom (London), 09 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/new-measures-on-night-time-deliveries-to-supermarkets-to-support-coronavirus-response>

On 9 March 2020, Scottish Ministers and leading UK mobile network companies signed a GBP1 billion deal to improve mobile network coverage in rural areas across Scotland.⁴⁹⁰ The improved network coverage is hoped to spur economic growth in the respective areas.⁴⁹¹

On 11 March 2020, the government announced GBP532 million of funding to the plug-in car grant scheme as part of its 2020 Budget.⁴⁹² The scheme is aimed at incentivising customers to switch to ultra-low emission vehicles.⁴⁹³

On 11 March 2020, the government announced a GBP150 million aid packet to support developing economies in recovering from the impact of the COVID-19 pandemic.⁴⁹⁴ Countries will receive support if they experience a severe decline in national income or falling government revenues as a result of the virus.⁴⁹⁵

On 11 March 2020, the Bank of England voted to decrease the Bank of England base rate to 0.25 per cent from formerly 0.75 per cent.⁴⁹⁶ The Bank of England also announced a new Term Funding Scheme to support small and medium enterprises and lowered the capital buffer rate for UK banks to 0 per cent from 1 per cent.⁴⁹⁷ The measures are intended to counter the economic ramifications of COVID-19.⁴⁹⁸

⁴⁸⁹ Africa business opportunities encouraged by HMTC UK tour, Government of the United Kingdom (London), 09 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/africa-business-opportunities-encouraged-by-hmtc-uk-tour>

⁴⁹⁰ £1 billion deal to end poor rural mobile coverage agreed, Government of the United Kingdom (London), 09 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/1-billion-deal-to-end-poor-rural-mobile-coverage-agreed>

⁴⁹¹ £1 billion deal to end poor rural mobile coverage agreed, Government of the United Kingdom (London), 09 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/1-billion-deal-to-end-poor-rural-mobile-coverage-agreed>

⁴⁹² Update on plug-in vehicle grants following today's budget, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/plug-in-vehicle-grants-update-following-todays-budget>

⁴⁹³ Update on plug-in vehicle grants following today's budget, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/plug-in-vehicle-grants-update-following-todays-budget>

⁴⁹⁴ UK helps world's poorest countries withstand the economic disruption of coronavirus, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/uk-helps-worlds-poorest-countries-withstand-the-economic-shock-of-coronavirus>

⁴⁹⁵ UK helps world's poorest countries withstand the economic disruption of coronavirus, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/uk-helps-worlds-poorest-countries-withstand-the-economic-shock-of-coronavirus>

⁴⁹⁶ HMRC late payment interest rates to be revised after Bank of England reduces rate, Government of the United Kingdom (London), 13 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/hmrc-late-payment-interest-rates-to-be-revised-after-bank-of-england-reduces-rate>

⁴⁹⁷ Bank of England measures to respond to the economic shock from Covid-19, Bank of England (London), 11 March 2020. Access Date: 16.03.2020. <https://www.bankofengland.co.uk/news/2020/march/boe-measures-to-respond-to-the-economic-shock-from-covid-19>

⁴⁹⁸ Bank of England measures to respond to the economic shock from Covid-19, Bank of England (London), 11 March 2020. Access Date: 16.03.2020. <https://www.bankofengland.co.uk/news/2020/march/boe-measures-to-respond-to-the-economic-shock-from-covid-19>

On 11 March 2020, Chancellor Sunak set out a GBP12 billion action plan as part of the new government budget to respond to the economic impact of COVID-19.⁴⁹⁹ The funding will be used to support public services, individuals and businesses that may be affected by the outbreak.⁵⁰⁰

On 12 March 2020, The UK Office for Low Emission Vehicles confirmed the continuation of three electric charging schemes for another year.⁵⁰¹ The grant scheme supports citizens in installing charging technology for electrical vehicles in their homes and workplaces.⁵⁰²

On 14 March 2020, during a phone call, Prime Minister Johnson and Australian Prime Minister Scott Morrison agreed to work closely, including through the G20, in order to prevent long-term economic damage from COVID-19.⁵⁰³

On 15 March 2020, during a phone call between Prime Minister Johnson and Saudi Arabian Crown Prince Mohammed bin Salman, both leaders agreed to work closely, including through the G20, to limit economic disruption caused by the COVID-19 pandemic.⁵⁰⁴

On 16 March 2020, Farming Minister Victoria Prentis awarded a total of GBP1 million to nine organisations that help farms and land managers prepare for agriculture after Brexit.⁵⁰⁵ The organisations will use the money to help farmers fully understand, and adapt to, the changes they will be facing after December 2020.⁵⁰⁶

On 16 March 2020, the Environment Agency launched the National Framework for Water Resources, which will bring together industry, regulators and government to promote and improve sustainable water usage.⁵⁰⁷

Overall, the United Kingdom has taken active steps to promote sustainable and inclusive growth through investments at the national and international level. The Bank of England is committed to stability, thereby aiming to safeguard downside risks. The United Kingdom has therefore complied with all elements of the commitment.

⁴⁹⁹ Chancellor delivers Budget 2020, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/chancellor-delivers-budget-2020>

⁵⁰⁰ Chancellor delivers Budget 2020, Government of the United Kingdom (London), 11 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/chancellor-delivers-budget-2020>

⁵⁰¹ Update on the infrastructure grant schemes, Government of the United Kingdom (London), 12 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/update-on-the-infrastructure-grants-schemes>

⁵⁰² Update on the infrastructure grant schemes, Government of the United Kingdom (London), 12 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/update-on-the-infrastructure-grants-schemes>

⁵⁰³ PM Call with Prime Minister of Australia Scott Morrison: 14 March 2020, Government of the United Kingdom (London), 14 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/pm-call-with-prime-minister-of-australia-scott-morrison-14-march-2020>

⁵⁰⁴ PM call with Crown Prince Mohammed bin Salman: 15 March 2020, Government of the United Kingdom (London), 15 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/pm-call-with-crown-prince-mohammed-bin-salman-15-march-2020>

⁵⁰⁵ £1 million to support transition to future farming system, Government of the United Kingdom (London), 16 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/1-million-to-support-transition-to-future-farming-system>

⁵⁰⁶ £1 million to support transition to future farming system, Government of the United Kingdom (London), 16 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/1-million-to-support-transition-to-future-farming-system>

⁵⁰⁷ Preserving our water resources in a changing climate — industry and government tackle threat to future water supplies, Government of the United Kingdom (London), 16 March 2020. Access Date: 16.03.2020. <https://www.gov.uk/government/news/preserving-our-water-resources-in-a-changing-climate-industry-and-government-tackle-threat-to-future-water-supplies>

Thus, the United Kingdom receives a score of +1.

Analyst: Katharina Kuhn

United States: 0

The United States has partially complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 1 July 2019, the Office of the US Trade Representative proposed possible additional duties for a list of 89 importing goods from the European Union, as announced a countermeasure responding to EU subsidies on aircraft products. The list of products being announced as goods possibly undergone additional tariffs worth USD4 billion.⁵⁰⁸

On 9 July 2019, the federal bank regulatory agencies released regulatory capital rules that would simplify capital treatment for mortgage servicing assets, certain deferred tax assets, investments from capital instruments of unconsolidated financial institutions, minority interest, and would clarify and reduce regulatory burden. This action aims at banking organizations that do not use the “advanced approaches” capital framework.⁵⁰⁹

On 22 July 2019, the federal bank regulatory agencies and the Department of Treasury’s Financial Crimes Enforcement Network released a joint statement announcing efforts to increase transparency in regards to risk-focused approach to Bank Secrecy Act/anti-money laundering supervision. The effort would allow agencies to do better evaluation and procedure plans regarding different risk profile of each bank.⁵¹⁰

On 23 July 2019, the Federal Reserve Board and the Federal Deposit Insurance Corporation (FDIC) made public of eight large financial firms’ resolution plans, required according to the Dodd-Frank Act, by July, 2019. The “eight big domestic firms” include Bank of America, Bank of New York Mellon Corporation, Citigroup, Goldman Sachs, JP Morgan Chase & Co., Morgan Stanley, State Street Corporation, and Wells Fargo. The aim is to release the public part of the resolution plans, and even though confidential part remains secretive, it is asked to summarize the outline into elements of published resolution plans to maintain transparency. The relevant agencies were set to review both the public and the confidential part of the resolution plan.⁵¹¹

On 31 July 2019, the Federal Reserve Open Market Committee announced about its updated monetary policy that the target range of federal funds rate is being decreased to 2 to 2-1/4 per cent. The committee believed that this action would affect the US economy to obtain better employment situation, price stability, expansion of economic activity, and strong labour market conditions.⁵¹²

On 23 August 2019, President Donald J. Trump ordered the US Trade Representative (USTR) to increase 5 per cent of the tariffs on USD550 billion worth of imports from China. In addition, USTR

⁵⁰⁸ USTR Proposes Additional Products for Tariff Countermeasures in Response to Harm Caused by EU Aircraft Subsidies. Access date: 5 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2019/july/ustr-proposes-additional-products>

⁵⁰⁹ Agencies simplify regulatory capital rules. Access date: 5 February 2020. <https://www.federalreserve.gov/newsevents/pressreleases/bcreg20190709a.htm>

⁵¹⁰ Federal bank regulatory agencies and FinCEN improve transparency of risk-focused BSA/AML supervision. Access date: 5 February 2020. <https://www.federalreserve.gov/newsevents/pressreleases/bcreg20190722a.htm>

⁵¹¹ Agencies release public sections of resolution plans for eight large banks. Access date: 5 February 2020. <https://www.federalreserve.gov/newsevents/pressreleases/bcreg20190723a.htm>

⁵¹² Agencies release public sections of resolution plans for eight large banks. Access date: 5 February 2020. <https://www.federalreserve.gov/newsevents/pressreleases/bcreg20190723a.htm>

announced that it would begin the procedure of increasing the tariff from 25 per cent to 30 per cent for another USD250 billion worth of imports from China. A previously scheduled increase to 15 per cent tariff on USD300 billion worth of Chinese imports also came into effect.⁵¹³

On 23 August 2019, President Trump signed the Small Business Reorganization Act of 2019 including simplifying process for reorganization of small business, adding subchapters under Chapter 11 of Bankruptcy Code, aiming at easing pressure faced by small business owners and debtors in regards to their economic situations.⁵¹⁴

On 5 September 2019, the Department of Treasury published its plan to reform the housing financial system. The plan includes 50 administrative and legislative changes aiming at establishing a better platform for taxpayers in regards to home purchasing issues, protecting taxpayers against possible bailouts, and promoting competitions within the house finance industry.⁵¹⁵

On 18 September 2019, the Federal Reserve Board and its Federal Open Market Committee decided that the target range for federal funds rate is being lowered to 1-3/4 to 2 per cent, in a joint meeting session. The new monetary policy came into effect on 19 September 2019. The Federal Reserve expressed that its board still remain optimistic in the ongoing economic conditions, but the situations of labour market had been tightened, resulting in difficulties of finding workers.⁵¹⁶

On 27 September 2019, the Federal Reserve, the FDIC and the Office of Comptroller of the Currency completed the ultimate rule to increase the threshold barrier for residential real estate transactions demanding an appraisal estimated from USD250,000 to USD400,000. This was the first change of appraisal demanded since 1994, resulted by appreciation in residential real estate transactions after the last changing. This action aims at lifting the barrier of real estate transactions to prevent them from posing a threat to financial system.⁵¹⁷

On 28 October 2019, the Federal Reserve Board and the FDIC announced that they decided to maintain the existing policies regarding large firms' resolution plans of bankruptcy in place, but modify or decrease the requirements for small businesses, which do not pose as effective threat to financial system, regarding their resolution plans of bankruptcy.⁵¹⁸

On 30 October 2019, the Federal Reserve Open Market Committee announced about its updated monetary policy that the target range of federal funds rate is being decreased to 1-1/2 to 1-3/4 per cent, including information regarding its voting procedures. The committee believed that this action

⁵¹³ USTR Statement on Section 301 Tariff Action Regarding China. Access date: 5 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2019/august/ustr-statement-section-301-tariff>

⁵¹⁴ Bill Announcement. Access date: 5 February 2020. <https://www.whitehouse.gov/briefings-statements/bill-announcement-50/>

⁵¹⁵ Treasury Department Submits Housing Reform Plan to President. Access date: 5 February 2020. <https://home.treasury.gov/news/featured-stories/treasury-department-submits-housing-reform-plan-to-president>

⁵¹⁶ Minutes of the Board's discount rate meetings on August 26 and September 18, 2019. Access date: 5 February 2020. <https://www.federalreserve.gov/newsevents/pressreleases/files/monetary20191015a1.pdf>

⁵¹⁷ Agencies issue final rule to exempt residential real estate transactions of \$400,000 or less from appraisal requirements. Access date: 5 February 2020.

<https://www.federalreserve.gov/newsevents/pressreleases/bcreg20190927a.htm>

⁵¹⁸ Agencies finalize changes to resolution plan requirements; keeps requirements for largest firms and reduces requirements for smaller firms. Access date: 5 February 2020.

<https://www.federalreserve.gov/newsevents/pressreleases/bcreg20191028b.htm>

would affect the US economy to obtain better employment situation, price stability, expansion of economic activity, and strong labour market conditions.⁵¹⁹

On 10 January 2020, President Trump announced to impose new sanctions with respect to the additional sectors of Iranian economy. Sanctions aim at all foreign financial institutions and personnel having connections with and transactions of any important goods or services related to any portion of Iranian economy, except for agricultural goods, food, and medical devices to and from Iran.⁵²⁰

On 15 January 2020, President Trump signed Phase One Economic and Trade Agreement between the Government of the United States and the Government of the People's Republic of China with China. After a series of negotiations and exchanges between both sides, the agreement includes rebalancing the trade situation and relationship with China.⁵²¹

On 5 February 2020, Treasury Under Secretary for International Affairs Brent McIntosh and Monetary Authority of Singapore Deputy Managing Director Jacqueline Loh met in Singapore to discuss about the cooperation situation in finance industry and trade between the United States and Singapore. In the joint statement made by representatives from both sides, "the United States and Singapore support allowing financial service suppliers to transfer data across borders and oppose generally applicable data localization requirements as long as financial regulators have access to data needed for regulatory and supervisory purposes."⁵²²

On 3 March 2020, the Federal Reserve Open Market Committee announced about its updated monetary policy that the target range of federal funds rate is being decreased to 1 to 1-1/4 per cent, including information regarding its voting procedures. The Committee believed that this action is based on the current outlook of US economy.⁵²³

On 3 March 2020, Treasury Secretary Steven Mnuchin and Federal Reserve Chair Jerome H. Powell initiated a call with the G7 finance ministers and central bank governors to discuss the protection of economy from the disease COVID-19. Participants of the call, the G7 finance ministers and central bank governors then made a joint statement to "reaffirm [their] commitment to use all appropriate policy tools to achieve strong, sustainable growth and safeguard against downside risks. Alongside strengthening efforts to expand health services, G7 finance ministers are ready to take actions, including fiscal measures where appropriate, to aid in the response to the virus and support the economy during this phase."⁵²⁴

On 10 March 2020, Department of Commerce's Bureau of Industry and Security announced to extend the license granted for Huawei and its US-affiliates to be on the entity list. The action aims at

⁵¹⁹ Federal Reserve issues FOMC statement. Access date: 5 February 2020.

<https://www.federalreserve.gov/news-events/pressreleases/monetary20191030a.htm>

⁵²⁰ Issuance of Executive Order of January 10, 2020, "Imposing Sanctions With Respect to Additional Sectors of Iran".

Access date: 5 February 2020. <https://www.treasury.gov/resource-center/sanctions/Programs/Documents/13902.pdf>

⁵²¹ President Donald J. Trump is Signing a Landmark Phase One Trade Agreement with China. Access date: 5 February 2020. <https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-signing-landmark-phase-one-trade-agreement-china/>

⁵²² United States — Singapore Joint Statement on Financial Services Data Connectivity. Access date: 13 March 2020. <https://home.treasury.gov/news/press-releases/sm899>

⁵²³ Federal Reserve issues FOMC statement. Access date: 3 March 2020.

<https://www.federalreserve.gov/news-events/pressreleases/monetary20200303a.htm>

⁵²⁴ Statement of G7 Finance Ministers and Central Bank Governors. Access date: 13 March 2020.

<https://home.treasury.gov/news/press-releases/sm927>

giving more time space for US suppliers to seek alternative source of equipment, according to Department of Commerce.⁵²⁵

On 15 March 2020, the Federal Reserve Open Market Committee announced about its updated monetary policy that the target range of federal funds rate is being decreased to 0 to 1/4 per cent, including information regarding its voting procedures. The committee also decided to “increase its holdings of Treasury securities by at least USD500 billion and its holdings of agency mortgage-backed securities by at least USD200 billion.” The committee believed that this action would help US economy out of rough conditions being faced under the threats of COVID-19, including the fact that unemployment rate remains high, and the systematic threat to the financial market and public health system. The decisions aim at fostering highest level of employment and price stability.⁵²⁶

On 16 March 2020, the Federal Reserve Board decided to approve actions by all local Federal Reserve Banks to lower the discount rate (primary credit rate) from 1-3/4 per cent to 1/4 per cent, effective immediately.⁵²⁷

US has taken actions that do not promote inclusive growth. Its actions safeguarding against the downside risk also only reach to a limited level, considering the effect of its trade policies implemented acts as a negative factor, despite its implemented regulations to secure the financial system, and policies to stimulate market economy.

Thus, the United States receives a score of 0.

Analyst: Zeng Lecheng

European Union: +1

The European Union has fully complied with its commitment to promote inclusive growth and to safeguard against downside risk.

On 6 July 2019, the EU amended its economic agreement with the Kyrgyz Republic.⁵²⁸ The 1999 Partnership and Cooperation Agreement was amended to improve Kyrgyzstan’s economic sector, by promoting safer business environments, adding protections on intellectual property rights, and adopting several European standards (sanitary and phytosanitary standards, competition and transparency, capital movement, etc.).⁵²⁹ Kyrgyzstan accepted further trade provisions, going beyond

⁵²⁵ Department of Commerce Asks for Public Input on Huawei Temporary General License Extensions. Access date: 13 March 2020. <https://www.commerce.gov/news/press-releases/2020/03/department-commerce-asks-public-input-huawei-temporary-general-license>

⁵²⁶ Federal Reserve issues FOMC statement. Access date: 15 March 2020.

<https://www.federalreserve.gov/newsevents/pressreleases/monetary20200315a.htm>

⁵²⁷ Federal Reserve Board approves actions by the Boards of Directors of the Federal Reserve Banks of Kansas City, Boston, Philadelphia, Cleveland, Richmond, Atlanta, Chicago, St. Louis, Dallas, and San Francisco. Access date: 16 March 2020. <https://www.federalreserve.gov/newsevents/pressreleases/monetary20200316a.htm>

⁵²⁸ EU and Kyrgyz Republic initial Enhanced Partnership and Cooperation Agreement, European Commission (Bishkek) 6 July 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2046&title=EU-and-Kyrgyz-Republic-initial-Enhanced-Partnership-and-Cooperation-Agreement>

⁵²⁹ EU and Kyrgyz Republic initial Enhanced Partnership and Cooperation Agreement, European Commission (Bishkek) 6 July 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2046&title=EU-and-Kyrgyz-Republic-initial-Enhanced-Partnership-and-Cooperation-Agreement>

World Trade Organization requests. It agreed to ban export duties for several products and to reduce technical barriers to trade, which will promote investments from Europe.⁵³⁰

On 19 November 2019, the EU held its second meeting with Ghana under the Economic Partnership Agreement.⁵³¹ Ghana will open its market to products from the EU, beginning by the first quarter of 2020.⁵³²

On 19 December 2019, the Council of the EU announced a proposal supporting the export of agricultural produce from the Republic of Moldova.⁵³³ The EU agreed to expand trade of produce under the Deep and Comprehensive Free Trade Area.⁵³⁴ The EU agreed to the increase of duty-free tariff quotas in regards to grapes by 50 per cent, plums by 50 per cent, and cherries by 1,500 tonnes.⁵³⁵ The EU will also benefit from duty-free access to Moldova's market.⁵³⁶

On 17 January 2020, the EU concluded its first round of negotiations with Comoros, Madagascar, Mauritius, Seychelles and Zimbabwe to expand the Economic Partnership Agreement.⁵³⁷ All countries agreed to work towards improving and developing rules of origination, customs, technical barriers to trade, and sanitary and phytosanitary standards.⁵³⁸

On 27 September 2019, the EU adjusted steel safeguard measures and consulted members of the World Trade Organization on the amendments.⁵³⁹ The EU updated the list of product exclusions from developing countries and improved quota functioning for certain products, such as hot-rolled flat steel and automobile-related steel.⁵⁴⁰

⁵³⁰ EU and Kyrgyz Republic initial Enhanced Partnership and Cooperation Agreement, European Commission (Bishkek) 6 July 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2046&title=EU-and-Kyrgyz-Republic-initial-Enhanced-Partnership-and-Cooperation-Agreement>

⁵³¹ EU-Ghana endorse market access offer and schedule under Economic Partnership Agreement (Brussels) 29 November 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2087&title=EU-Ghana-endorse-market-access-offer-and-schedule-under-Economic-Partnership-Agreement>

⁵³² EU-Ghana endorse market access offer and schedule under Economic Partnership Agreement (Brussels) 29 November 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2087&title=EU-Ghana-endorse-market-access-offer-and-schedule-under-Economic-Partnership-Agreement>

⁵³³ EU opens door to further duty-free imports from Republic of Moldova (Brussels) 20 December 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2098&title=EU-opens-door-to-further-duty-free-imports-from-Republic-of-Moldova>

⁵³⁴ EU opens door to further duty-free imports from Republic of Moldova (Brussels) 20 December 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2098&title=EU-opens-door-to-further-duty-free-imports-from-Republic-of-Moldova>

⁵³⁵ EU opens door to further duty-free imports from Republic of Moldova (Brussels) 20 December 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2098&title=EU-opens-door-to-further-duty-free-imports-from-Republic-of-Moldova>

⁵³⁶ EU opens door to further duty-free imports from Republic of Moldova (Brussels) 20 December 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2098&title=EU-opens-door-to-further-duty-free-imports-from-Republic-of-Moldova>

⁵³⁷ EU and five Eastern and Southern African countries kick off negotiations to deepen trade relations (Brussels) 17 January 2020. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2102&title=EU-and-five-Eastern-and-Southern-African-countries-kick-off-negotiations-to-deepen-trade-relations>

⁵³⁸ EU and five Eastern and Southern African countries kick off negotiations to deepen trade relations (Brussels) 17 January 2020. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2102&title=EU-and-five-Eastern-and-Southern-African-countries-kick-off-negotiations-to-deepen-trade-relations>

⁵³⁹ Commission decides to adjust the existing safeguards for steel (Brussels) 27 September 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2066>

⁵⁴⁰ Commission decides to adjust the existing safeguards for steel (Brussels) 27 September 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2066>

On 15 November 2019, the EU initiated a trade dispute with Colombia through the World Trade Organization.⁵⁴¹ Colombia introduced anti-dumping duties which contradict World Trade Organization law.⁵⁴² The anti-dumping policies affect 3 per cent to 8 per cent of European imports and affects 85 per cent of the EU frozen fry market (the market is worth over EUR19 million annually).⁵⁴³

On 12 February 2020, the European Commission approved the EU-Vietnam trade agreement which will go into force in 2020 following Vietnam's ratification of the agreement.⁵⁴⁴ The agreement will remove tariffs on almost all goods and both parties will work towards sustainable development by respecting labour rights, environmental protections, and commitments within the Paris Agreement on climate change.⁵⁴⁵ The two parties will also ratify the eight fundamental conventions of the International Labour Organization.⁵⁴⁶

On 24 January 2020, the EU along with 16 members of the World Trade Organization agreed to implement a multi-party interim appeal arrangement.⁵⁴⁷ The arrangement is a two-step trade dispute settlement measure which will prevent blockage and paralysis of the World Trade Organization (WTO) Appellate Body to facilitate international trade.⁵⁴⁸

On 17 February 2020, the EU requested a WTO panel with India on those its trade restrictions on European exporters.⁵⁴⁹ India placed tariffs, going as high as 20 per cent, on various information and communications technology from EU exporters, including cell phones and telephone handsets, which violates India's agreements with the WTO's duty-free clauses.⁵⁵⁰ Colombia has been

⁵⁴¹ European Union launches WTO trade dispute against Colombia's unfair duties on frozen fries (Brussels) 15 November 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2083>

⁵⁴² European Union launches WTO trade dispute against Colombia's unfair duties on frozen fries (Brussels) 15 November 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2083>

⁵⁴³ European Union launches WTO trade dispute against Colombia's unfair duties on frozen fries (Brussels) 15 November 2019. Access Date: 1 Feb 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2083>

⁵⁴⁴ Commission welcomes European Parliament's approval of EU-Vietnam trade and investment agreements (Brussels) 12 February 2020. Access Date: 17 March 2020.

<https://trade.ec.europa.eu/doclib/press/index.cfm?id=2114&title=Commission-welcomes-European-Parliaments-approval-of-EU-Vietnam-trade-and-investment-agreements>

⁵⁴⁵ Commission welcomes European Parliament's approval of EU-Vietnam trade and investment agreements (Brussels) 12 February 2020. Access Date: 17 March 2020.

<https://trade.ec.europa.eu/doclib/press/index.cfm?id=2114&title=Commission-welcomes-European-Parliaments-approval-of-EU-Vietnam-trade-and-investment-agreements>

⁵⁴⁶ Commission welcomes European Parliament's approval of EU-Vietnam trade and investment agreements (Brussels) 12 February 2020. Access Date: 17 March 2020.

<https://trade.ec.europa.eu/doclib/press/index.cfm?id=2114&title=Commission-welcomes-European-Parliaments-approval-of-EU-Vietnam-trade-and-investment-agreements>

⁵⁴⁷ EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement (Brussels) 24 January 2020. Access Date: 17 March 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2106&title=EU-and-16-WTO-members-agree-to-work-together-on-an-interim-appeal-arbitration-arrangement>

⁵⁴⁸ EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement (Brussels) 24 January 2020. Access Date: 17 March 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2106&title=EU-and-16-WTO-members-agree-to-work-together-on-an-interim-appeal-arbitration-arrangement>

⁵⁴⁹ Trade enforcement: EU requests WTO panels with India and Colombia on ICT products and frozen fries (Brussels) 12 February 2020. Access Date: 17 March 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2116&title=Trade-enforcement-EU-requests-WTO-panels-with-India-and-Colombia-on-ICT-products-and-frozen-fries>

⁵⁵⁰ Trade enforcement: EU requests WTO panels with India and Colombia on ICT products and frozen fries (Brussels) 12 February 2020. Access Date: 17 March 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2116&title=Trade-enforcement-EU-requests-WTO-panels-with-India-and-Colombia-on-ICT-products-and-frozen-fries>

committing anti-dumping duties which have been affecting 3-8 per cent of the frozen fry market in Belgium, Germany and the Netherlands.⁵⁵¹

The EU has taken action to promote trade with non-European Union members by increasing trade liberalization. The EU has also protected its own markets against countries' policies which threaten the stability of their industries.

Thus, the EU receives a score of +1.

Analyst: Mathuja Jeyakumar

⁵⁵¹ Trade enforcement: EU requests WTO panels with India and Colombia on ICT products and frozen fries (Brussels) 12 February 2020. Access Date: 17 March 2020. <https://trade.ec.europa.eu/doclib/press/index.cfm?id=2116&title=Trade-enforcement-EU-requests-WTO-panels-with-India-and-Colombia-on-ICT-products-and-frozen-fries>

2. Macroeconomics: Exchange Rates

“We also reaffirm the exchange rate commitments made by our Finance Ministers and Central Bank Governors in March 2018.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina			+1
Australia			+1
Brazil			+1
Canada			+1
China	-1		
France			Not applicable
Germany			Not applicable
India			+1
Indonesia			+1
Italy			Not applicable
Japan			+1
Korea			+1
Mexico			+1
Russia			+1
Saudi Arabia		0	
South Africa			+1
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average		+0.82 (91%)	

Background

The issue of exchange rate flexibility has been on the G20 agenda since the establishment of the forum, and commitments to move toward more market-determined exchange rate systems have been reiterated at almost each G20 summit.

At the 2009 Pittsburgh Summit, G20 leaders committed under the G20 Framework for Strong, Sustainable and Balanced Growth to “undertake monetary policies consistent with price stability in the context of market oriented exchange rates that reflect underlying economic fundamentals.”⁵⁵² At the 2010 Toronto Summit, the leaders decided to further enhance exchange rate flexibility, particularly in emerging markets, and mentioned that “market-oriented exchange rates that reflect underlying economic fundamentals contribute to global economic stability.”⁵⁵³ At the 2010 Seoul Summit, G20 leaders agreed to the Seoul Action Plan, which provided for a move towards more market-determined exchange rates.⁵⁵⁴ At the 2011 Cannes Summit, G20 leaders considered exchange

⁵⁵² G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

⁵⁵³ G20 Toronto Summit Declaration, G20 Information Centre (Toronto) 27 June 2010. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2010/to-communique.html>

⁵⁵⁴ G20 Seoul Summit Leaders’ Declaration, G20 Information Centre (Toronto) 12 November 2010. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2010/g20seoul.html>

rate volatility as “a risk to growth and financial stability” and renewed their Seoul Summit commitment to avoid persistent exchange rate misalignments and to refrain from competitive devaluation.⁵⁵⁵ At the 2012 Los Cabos Summit, G20 leaders reiterated their exchange rates commitment and welcomed the commitment by China to “allow market forces to play a larger role in determining movements in the renminbi (RMB), continue to reform its exchange rate regime, and to increase the transparency of its exchange rate policy.”⁵⁵⁶ At St. Petersburg, the commitment was renewed in virtually the same form.⁵⁵⁷ The previous G20 exchange rate commitments were reiterated at Antalya,⁵⁵⁸ Hangzhou,⁵⁵⁹ Hamburg⁵⁶⁰ and Buenos Aires.⁵⁶¹

Commitment Features

This commitment refers to the communiqué of the G20 finance ministers’ and central bank governors’ meeting held on 19-20 March 2018 in Buenos Aires, Argentina. The communiqué stated that “flexible exchange rates, where feasible, can serve as a shock absorber. We recognise that excessive volatility or disorderly movements in exchange rates can have adverse implications for economic and financial stability. We will refrain from competitive devaluations, and will not target our exchange rates for competitive purposes.”⁵⁶²

Thus, the commitment requires G20 members to allow the value of their currencies to be flexible in order to serve as a shock absorber. Market-determined exchange rate or a floating exchange rate is an exchange rate that is determined by market forces with minimal government or central bank interference affecting the value of the currency. In a pure float there is no government or central bank intervention at all in the foreign exchange market, leaving the value of the currency subject entirely to market forces.⁵⁶³

At the same time, commitments on exchange rates flexibility in the G20 documents always go along with promises to refrain from competitive devaluation and not to target exchange rates for competitive purposes. Refraining from competitive devaluation is one of the aspects of flexible exchange rate regime. Competitive devaluation, often referred to as a currency war, is a policy involving measures taken by national governments to decrease the value of their currencies in order to increase exports, boost growth and domestic employment, or avoid deflation. Thus, competitive devaluation can be considered as an action aimed against the market-determined exchange rate goal. G20 members should achieve market-determined flexible exchange rates by refraining from interference with the price of their currencies, including competitive devaluation attempts.

⁵⁵⁵ Cannes Final Declaration, G20 Information Centre (Toronto), 4 November 2011. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

⁵⁵⁶ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

⁵⁵⁷ G20 Toronto Summit Declaration, G20 Information Centre (Toronto) 27 June 2010. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2010/to-communique.html>

⁵⁵⁸ G20 Leaders’ Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2015/151116-communique.html>

⁵⁵⁹ G20 Leaders’ Communiqué Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁵⁶⁰ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

⁵⁶¹ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

⁵⁶² Communiqué, Finance Ministers and Central Bank Governors (Buenos Aires), Centre for International Institutions Research (Moscow) 20 March 2018. Access Date: 4 April 2020. https://www.ranepa.ru/images/media/g20/2018buenosaires/communique_g20_finance_2018.pdf

⁵⁶³ Floating Exchange Rate, Cory Mitchell, Investopedia, 9 April 2020. <https://www.investopedia.com/terms/f/floatingexchangerate.asp>

Scoring Guidelines

-1	G20 member does not move toward a more flexible and market-determined exchange rate.
0	G20 member moves toward a more market-determined exchange rate and exchange rate flexibility, but fails to refrain from competitive devaluation of its currency.
+1	G20 member moves toward a more market-determined exchange rate and exchange rate flexibility, including by refraining from competitive devaluation of its currency.

*Centre for International Institutions Research***Argentina: +1**

Argentina has fully complied with the commitment on exchange rate flexibility.

On 1 September 2019, Argentina imposed currency controls in an attempt to stabilise markets as the country faces a deepening financial crisis. The government restricted foreign currency purchases following a sharp drop in the value of the peso. Firms will have to seek central bank permission to sell pesos to buy foreign currency and to make transfers abroad.⁵⁶⁴

On 27 January 2020, Argentina's central bank released policy guidelines aimed at increasing the monetary supply and avoiding major exchange rate fluctuations. The bank said in a statement that it supported a managed exchange rate float to avoid sharp fluctuations in the value of the currency. The monetary policy should promote a “prudent expansion” of the monetary supply, the bank said.⁵⁶⁵

Argentina has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

*Analyst: Irina Popova***Australia: +1**

Australia has fully complied with the commitment on exchange rate flexibility.

According to the Reserve Bank of Australia Annual Report 2019, the last time the bank intervened in foreign exchange markets was in 2008.⁵⁶⁶

Australia refrained from competitive devaluation of its currency.

Thus, it is awarded a score of +1.

*Analyst: Andrei Sakharov***Brazil: +1**

Brazil has fully complied with the commitment on exchange rate flexibility.

⁵⁶⁴ Argentina imposes currency controls to support economy, BBC (London) 2 September 2019. Access date: 20 May 2020. <https://www.bbc.com/news/business-49547189>

⁵⁶⁵ More money, managed float: Argentina central bank draws policy guidelines, Reuters (Buenos Aires) 28 January 2019. Access date: 20 May 2020. <https://www.reuters.com/article/us-argentina-cenbank/more-money-managed-float-argentina-central-bank-draws-policy-guidelines-idUSKBN1ZQ2JC>

⁵⁶⁶ Operations in Financial Markets, Reserve Bank of Australia (Canberra) 16 October 2019. Access Date: 17 May 2020 <https://www.rba.gov.au/publications/annual-reports/rba/2019/pdf/operations-in-financial-markets.pdf>.

The Brazilian economy operates with a floating exchange rate regime and, consistent with the inflation-targeting regime, the Central Bank of Brazil does not intervene in the foreign exchange market to determine the exchange rate level. Nonetheless, the bank pursues the permanent and functionality of the foreign exchange market, and may intervene to reduce excessive volatility by offering foreign exchange hedge or liquidity to market agents by means of several instruments.⁵⁶⁷

Brazil refrained from competitive devaluation of its currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

Canada: +1

Canada has fully complied with the commitment on exchange rate flexibility.

According to the information on the Bank of Canada official website the last time the bank intervened in foreign exchange markets to affect movements in the Canadian dollar was in September 1998. Canada's current policy is to intervene in foreign exchange markets on a discretionary, rather than a systematic, basis and only in the most exceptional of circumstances.⁵⁶⁸

Canada refrained from competitive devaluation of its currency.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

China: -1

China has not complied with the commitment on exchange rate flexibility.

China maintains strict control of the renminbi's rate on the mainland. Every morning, the People's Bank of China sets a so-called daily midpoint fix, based on the previous day closing level and quotations taken from inter-bank dealers. The currency is allowed to trade within a narrow band of 2 per cent above or below the day's midpoint rate.⁵⁶⁹

No evidence of China taking steps towards more flexible exchange rates was found within the monitoring period.

Thus, China receives a score of -1.

Analyst: Alexander Ignator

⁵⁶⁷ Foreign exchange policy, Central Bank of Brazil (Brasilia). Access date: 20 May 2020.

<https://www.bcb.gov.br/en/financialstability/fxpolicy>

⁵⁶⁸Foreign Exchange Intervention, Bank of Canada (Ottawa). Access Date: 17 May 2020.

<https://www.bankofcanada.ca/rates/exchange/foreign-exchange-intervention/>.

⁵⁶⁹ The yuan hit an 11-year low this week. Here's a look at how China controls its currency, CNBC (Englewood Cliffs) 28 August 2019. Access date: 18 May 2020. <https://www.cnbc.com/2019/08/28/china-economy-how-pboc-controls-the-yuan-rmb-amid-trade-war.html>

France: Not applicable

France is a member of the European Monetary Union. All the decisions concerning monetary policy and exchange rates are made by the European Central Bank. Thus, France is not assessed on the implementation of this commitment.

Analyst: Irina Popova

Germany: Not applicable

Germany is a member of the European Monetary Union. All the decisions concerning monetary policy and exchange rates are made by the European Central Bank. Thus, Germany is not assessed on the implementation of this commitment.

Analyst: Andrey Shelepor

India: +1

India has fully complied with the commitment on exchange rate flexibility.

The exchange rate of the rupee along with other major currencies such as US dollar, euro, and yen are published by the Reserve Bank of India on a monthly and daily basis. The spot exchange rate specifies how much the rupee is equivalent to a unit of the specified currency. The rupee followed a pegged exchange rate system until 1991, after which it shifted to a floating exchange rate system.⁵⁷⁰

India has refrained from competitive devaluation of its currency and has a free-floating exchange rate for its national currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

Indonesia: +1

Indonesia has fully complied with the commitment on exchange rate flexibility.

Bank Indonesia decided in 2005 to adopt the inflation targeting framework, in which inflation is the primary monetary policy objective, while adhering to the free floating exchange rate system. Exchange rate stability plays a crucial role in achieving price and financial system stability. For this reason, Bank Indonesia also operates an exchange rate policy designed to minimise excessive rate volatility, rather than to peg the exchange rate to a particular level.⁵⁷¹

Indonesia refrained from competitive devaluation of its currency and has a free-floating exchange rate for its national currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

⁵⁷⁰ Reserve Bank of India (Delhi). Access date: 19 May 2020.

<https://www.rbi.org.in/SCRIPTs/PublicationsView.aspx?id=17985>

⁵⁷¹Monetary Policy Objectives, Bank of Indonesia (Jakarta). Access date: 18 May 2020.

<https://www.bi.go.id/en/moneter/tujuan-kebijakan/Contents/Default.aspx>

Italy: Not applicable

Italy is a member of the European Monetary Union. All the decisions concerning monetary policy and exchange rates are made by European Central Bank. Thus, Italy is not assessed on the implementation of this commitment.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment on exchange rate flexibility.

Japan introduced a floating exchange rate system in February 1973. Since then the Japanese economy has experienced large fluctuations in foreign exchange rates; to mitigate the negative influence of such fluctuations on the Japanese economy, Japan's authorities conduct foreign exchange market interventions as needed. Under Article 7, Section 3 of the Foreign Exchange and Foreign Trade Act of Japan, “the Minister of Finance shall endeavor to stabilize the exchange rate of Japanese currency by taking necessary measures such as the buying and selling of foreign means of payment.” The Bank of Japan, as the agent of the Minister of Finance, executes foreign exchange interventions in accordance with the directions of the Minister of Finance by using the Foreign Exchange Fund Special Account. When foreign exchange rate developments are regarded as too volatile and the Minister of Finance decides to conduct an intervention, the Ministry of Finance Forex Division informs the Bank of Japan Forex Division of such decision, and officially announces the total amount of interventions.⁵⁷²

Generally, Japan does not apply foreign exchange interventions.

Japan has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

Korea: +1

Korea has fully complied with the commitment on exchange rate flexibility.

In December 1997, the daily fluctuation limits for the interbank exchange rate were abolished and, thus, Korea's exchange rate system was shifted to a free-floating system.⁵⁷³

Korea refrained from competitive devaluation of its currency and has a free-floating exchange rate for its national currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

Mexico: +1

Mexico has fully complied with the commitment on exchange rate flexibility.

⁵⁷² Outline of the Bank of Japan's Foreign Exchange Intervention Operations, Bank of Japan. Access date: 23 March 2020. https://www.boj.or.jp/en/intl_finance/outline/expkainyu.htm/

⁵⁷³ Exchange Rate System, Bank of Korea (Seoul). Access date: 19 May 2020. <https://www.bok.or.kr/eng/main/contents.do?menuNo=400186>

The peso's exchange rate system is described as floating, but the Bank of Mexico has a policy of active intervention in the foreign exchange market.⁵⁷⁴

On 10 March 2019, the Bank of Mexico stepped into the foreign exchange market to prop up the peso after the currency plummeted to an all-time low on the back of collapsing global oil prices and fears over the economic impact of coronavirus. The bank said the country's currency commission increased the size of its program of foreign exchange auctions to USD30 billion from USD20 billion to "maintain an orderly operation of the exchange market."⁵⁷⁵

Mexico has refrained from competitive devaluation of its currency and has a free-floating exchange rate for its national currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

Russia: +1

Russia has fully complied with the exchange rate commitment.

According to the Bank of Russia, Russia is using a floating exchange rate regime, which implies that the exchange rate of the ruble is not fixed and that there are no pre-established targets for the exchange rate or the pace of its movements. The dynamics of the exchange rate of the ruble are determined by the ratio of the demand for and supply of foreign currency in the foreign exchange market. In normal conditions, the Bank of Russia does not conduct any foreign exchange interventions to influence the exchange rate of the ruble.⁵⁷⁶

Russia has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: 0

Saudi Arabia has partly complied with the commitment on maintaining flexibility of the national currency.

On 4 April 2020, the Saudi Arabian Monetary Authority (SAMA) affirmed its commitment to its exchange rate policy of pegging the Saudi riyal to the US dollar as a strategic choice that supported economic growth in Saudi Arabia for over three decades. Furthermore, SAMA remained committed to maintaining the exchange rate at the official rate of 3.75 riyals to the dollar as an anchor of monetary and financial stability.⁵⁷⁷

Saudi Arabia has not targeted its exchange rate for competitive purposes, however no evidence of Saudi Arabia taking steps toward more flexible exchange rates was found within the monitoring period.

⁵⁷⁴ Mexican Peso, IBanFirst. Access date: 20 May 2020. <https://ibanfirst.com/currency-reference-centre/mxn/>

⁵⁷⁵ <https://www.reuters.com/article/us-mexico-peso/mexico-central-bank-props-up-battered-peso-rates-outlook-uncertain-idUSKBN20W32Q>

⁵⁷⁶ Exchange rate regime of the Bank of Russia, Bank of Russia 20 March 2020. Access Date: 15 May 2020. www.cbr.ru/eng/dkp/exchange_rate.

⁵⁷⁷ SAMA Affirms Commitment to Exchange Rate Policy, Saudi Arabian Monetary Authority (Riyadh) 4 April 2020. Access date: 18 May 2020. <http://www.sama.gov.sa/en-us/news/pages/news-557.aspx>

Thus, Saudi Arabia receives a score of 0.

Analyst: Alexander Ignatov

South Africa: +1

South Africa has fully complied with the exchange rate commitment.

South Africa has a floating exchange rate which is described as “supervised.” The South African Reserve Bank, therefore, reserves the right to intervene on the spot market to influence the value of the rand, mainly against the US dollar.⁵⁷⁸

South Africa has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

Analyst: Alexander Ignatov

Turkey: +1

Turkey has fully complied with the exchange rate commitment.

On 5 December 2020, the Central Bank of the Republic of Turkey (CBRT) published the Monetary and Exchange Rate Policy for 2020 where stated the following:

- The CBRT will continue to implement a floating exchange rate regime;
- Exchange rates are not used as a policy tool under the current regime;
- The supply and demand for foreign exchange are mainly determined by economic fundamentals, the monetary and fiscal policies implemented, international developments and expectations;

The CBRT has no nominal or real exchange rate target. Nevertheless, if the exchange rates deviate significantly from economic fundamentals and exchange rate movements permanently affect price stability or pose risk to financial stability, the CBRT will not remain indifferent to these developments and respond with the instruments at its disposal.⁵⁷⁹

Turkey has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the exchange rate commitment.

⁵⁷⁸ South African Rand, iBanFirst. Access date: 18 May 2020. <https://ibanfirst.com/currency-reference-centre/zar/>

⁵⁷⁹ Monetary and Exchange Rate Policy for 2020, Central Bank of Turkey (Ankara) 5 December 2019. Access date: 18 May 2020. <https://www.tcmb.gov.tr/wps/wcm/connect/0a520b12-e5de-4948-956a-1a1c4b45b2d0/MonetaryandExchangeRatePolicyfor2020.pdf?MOD=AJPERES>

The Bank of England does not set the exchange rate.⁵⁸⁰

The UK has a market-determined flexible exchange rate, and no facts of competitive devaluation of its currency during the compliance period have been found.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: +1

The United States has fully complied with the commitment on exchange rate flexibility.

No information on the Federal Reserve System's market interventions targeting the exchange rate of the US dollar has been registered during the monitoring period.

The United States has refrained from competitive devaluation of its currency.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment on exchange rate flexibility.

Euro has a free-floating exchange rate and no information on the European Central Bank interventions targeting the exchange rate of euro has been registered during the monitoring period.

The European Union refrained from competitive devaluation of its currency.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

⁵⁸⁰ Who sets exchange rates?, Bank of England. Access Date: 3 April 2020.
<https://www.bankofengland.co.uk/knowledgebank/who-sets-exchange-rates>.

3. Trade: Open Markets

“[We strive to] ... keep our markets open.”

G20 Osaka Leaders' Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia		0	
Brazil		0	
Canada		0	
China		0	
France			Not applicable
Germany			Not applicable
India		0	
Indonesia		0	
Italy			Not applicable
Japan	-1		
Korea	-1		
Mexico		0	
Russia		0	
Saudi Arabia		0	
South Africa		0	
Turkey		0	
United Kingdom		0	
United States	-1		
European Union			+1
Average		-0.12 (41%)	

Background

Maintaining free trade and open market access has been a feature of G20 summits since the Washington Summit in 2008. Before the 2017 Hamburg Summit it primarily took the form of an anti-protectionism pledge. This pledge was part of the response by the G20 to the 2008 financial crisis and was extended three times: at the 2009 London Summit, at the 2010 Toronto Summit and at the Los Cabos Summit until the end of 2014. At the 2013 St. Petersburg Summit, it was again extended until the end of 2016. At the 2015 and 2016 G20 summits in Antalya and Hangzhou, the G20 reaffirmed the commitment to a standstill and rollback on protectionist measures.

More recently, however, with increasingly differing opinions on trade policies' contribution to domestic and international economic growth and employment, G20 leaders have been less precise on the issues of international trade, despite affirmations of support for a “free, fair, non-discriminatory, transparent, predictable and stable trade and investment environment.”⁵⁸¹

Nevertheless, the upsurge in protectionism remains a primary threat to market access around the world. The World Trade Organization (WTO) estimated that by mid-October 2019 trade restrictions imposed

⁵⁸¹ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto), 29 June 2019. Access Date: 4 April 2020.
<http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

by the G20 economies had reached their historic peaks, with a 37% increase, compared to the previous period (mid-October 2018 to mid-May 2019) and a trade coverage of over USD460 billion.⁵⁸²

The traditionally applied indicator for trade openness, measured as the sum of a country's total exports and total imports divided by its gross domestic product (GDP), is criticized by the WTO on the grounds that it correlates with some of economies' innate characteristics and thus cannot be utilized for cross-country comparisons.⁵⁸³ Additionally such measurement cannot be applied to the monitoring of the G20 performance during the summit cycles, due to the lags in trade and GDP data availability. As such, given the history of the institution's activity on trade and the corresponding leaders' pledges the compliance assessment is based on the traditional G20 commitment to avoid protectionist measures.

Commitment Features

This commitment requires that G20 members maintain a non-restrictive trade environment and ensure free access to their domestic markets. The Osaka Summit leaders' declaration calls for G20 members not to impose new protectionist measures and roll back those restrictions, which were imposed previously.

According to the WTO definition, protectionist measures include "tariffs, non-tariff measures, subsidies, and burdensome administrative procedures regarding imports."⁵⁸⁴ Subsidies in particular cause competition-distorting effects.

To fully comply with the commitment the G20 members need to avoid imposing new protectionist measures and eliminate the ones in force.

Scoring Guidelines

-1	G20 member implemented one or more protectionist measures AND did not roll back any existing measures.
0	The G20 member did not implement new protectionist measures BUT existing measures were not rolled back OR the G20 member did implement new protectionist measures BUT at least one existing measure was rolled back.
+1	The G20 member did not implement any new protectionist measures AND rolled back at least one existing measure

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment to keep its market open.

On 24 July 2019, the Ministry of Treasury of Argentina adopted Resolution 417/2019 simplifying the procedure to obtain export licenses for liquefied natural gas. As a consequence, licenses will be issued in 15 working days instead of 45 working days.⁵⁸⁵

On 9 August 2019, the Executive of Argentina issued Decree 555/2019 eliminating the import duties set on 38 eight-digit tariff lines related to used oilfield equipment. According to the import download

⁵⁸² Trade restrictions among G20 economies remain at historic highs, World Trade Organization, 21 November 2019. https://www.wto.org/english/news_e/news19_e/trdev_21nov19_e.htm

⁵⁸³ A Practical Guide to Trade Policy Analysis, World Trade Organization 2012. Access date: 20 August 2020. https://www.wto.org/english/res_e/publications_e/wto_unctad12_e.pdf.

⁵⁸⁴ G20 governments refrain from extensive use of restrictive measures, but some slippage evident, Pascal Lamy, World Trade Organization, 14 September 2018. http://www.wto.org/english/news_e/news09_e/trdev_14sep09_e.htm.

⁵⁸⁵ Argentina simplifica los procesos para exportar gas natural, Government of Argentina (Buenos Aires) 26 July 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/argentina-simplifica-los-procesos-para-exportar-gas-natural>.

facility of the World Trade Organization (WTO), the previous applicable duties ranged between 3.5% and 18.5%.⁵⁸⁶

On 7 November 2019, the Secretariat of Industry of Argentina adopted Resolution 235/2019 updating the list of products recognized as part of the Promotion Scheme for the Argentine Naval Industry and that are subject to a 0% import duty. The new list adds 10 new products to the list enclosed in 7 eight-digits tariff lines (one of the products has been inserted in the list with a temporary character and is to be removed on 15/11/2020).⁵⁸⁷

On 14 December 2019, the Argentine Executive adopted Decree 37/2019 amending the export tax regime introduced via Decree 793/2018. One of the changes introduced with the new legislation is the decrease of the export tax applicable on 595 eight-digits tariff lines. The new duties have been reduced from 30 per cent and 12 per cent depending on the product to 9 per cent. The new export duties have entered into force on 14 December 2019 and apply until 31 December 2020.⁵⁸⁸

On 27 December 2019, the Argentine Executive adopted the Decree 99/2019 on the reduction of the export tax applicable on services rendered in the country when such services shall be effectively used or exploited abroad. Concretely, the new legislation reduced the export tax from 12 per cent to 5 per cent. The new export duty entered into force on 1 January 2020 and is to be terminated on 31 December 2021.⁵⁸⁹

On 27 December 2019, the Argentine Executive adopted new legislation regulating export duties, modifying the internal taxation of imports and establishing a temporary tax applicable to the acquisition of foreign currency as well as other goods and services made by Argentine residents using foreign currency.⁵⁹⁰

On 9 January 2020, the Argentine Ministry of Productive Development adopted Resolution 1/2020 amending the import license regime. The new legislation modified the list of products subject to non-automatic import licenses adding 607 new products enclosed in 304 eight-digits tariff lines. In addition, the tolerance margin assessed over the free-on-board value of the imported goods was reduced from 7 per cent to 5 per cent for the products subject to these types of licenses. Finally, it also reduced the validity of the licenses from 180 calendar days to a 90 calendar-day term. Resolution 1/2020 entered into force on 10 January 2020.⁵⁹¹

Argentina rolled back several restrictive measures but at the same time introduced new ones.

Thus, it receives a score of 0.

Analyst: Irina Popova

⁵⁸⁶ Decreto 555/2019, Legislative Information of Government of Argentina (Buenos Aires) 9 August 2019. Access date: 20 May 2020. <http://servicios.infoleg.gob.ar/infolegInternet/anexos/325000-329999/326498/norma.htm>

⁵⁸⁷ Resolución 235/2019, Official Journal of Government of Argentina (Buenos Aires) 7 November 2019. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/220956/20191108?busqueda=1>

⁵⁸⁸ Decreto 37/2019, Official Journal of Government of Argentina (Buenos Aires) 14 December 2019. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/223859/20191214?busqueda=1>

⁵⁸⁹ Decreto 99/2019, Official Journal of Government of Argentina (Buenos Aires) 27 December 2019. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/224184/20191228>

⁵⁹⁰ Decreto 99/2019, Official Journal of Government of Argentina (Buenos Aires) 27 December 2019. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/224184/20191228>

⁵⁹¹ Resolución 1/2020, Official Journal of Government of Argentina (Buenos Aires) 8 January 2020. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/224467/20200109?busqueda=1>

Australia: 0

Australia has partially complied with the commitment to keep the markets open.

Australia introduced new trade-restrictive measures during the monitoring period.

On 1 September 2019, the Australian Government introduced mandatory import permits on cut flowers and foliage from Kenya, Colombia and Ecuador. The permit application must include details on supply chain management system.⁵⁹²

On 29 March 2020, the Minister of Treasury of Australia announced a temporary amendment to the Foreign Acquisitions and Takeovers Act 1975, which would make all foreign investments into Australia subject to government approval.⁵⁹³

On 9 April 2020 Australia notified the World Trade Organization (WTO) of its decision to introduce temporary quantitative restrictions on non-commercial exports of personal protective equipment and sanitizers essential to combatting the COVID-19 pandemic. According to the communication the “measure seeks to prevent individuals and criminal syndicates from hoarding, pricegouging and profiteering on noncommercial exports from Australia” and will not cover legitimate commercial and humanitarian exports.⁵⁹⁴

Australia rolled back one of the previously introduced trade-restrictive measures during the monitoring period.

On 1 May 2020, Australia notified the WTO of its unilateral trade measure introduced in response to the COVID-19 crisis. The country introduced a temporary tariff concession measure, with custom duty refunds available, to facilitate the importation of supplies critical in the fight against COVID-19 outbreak, including medical and hygiene products.⁵⁹⁵

Australia both introduced new restrictive measures and rolled back some of the existing ones during the monitoring period.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Andrei Sakharov

Brazil: 0

Brazil has partially complied with the commitment to keep its market open.

On 4 October 2019, President Jair Bolsonaro signed a law to modernize the country's regulatory regime for telecommunication services. It lifts restrictions on asset sales and seeks to encourage

⁵⁹² 125-2019 — Reminder: Import permits required to import cut flowers and foliage from Kenya, Colombia and Ecuador from 1 September 2019, Department of Agriculture, Water and the Environment of Australia (Canberra) 5 August 2019. Access Date: 14 May 2020. <https://www.agriculture.gov.au/import/industry-advice/2019/125-2019>

⁵⁹³ Changes to foreign investment framework, Treasurer of the Commonwealth of Australia (Canberra) 29 March 2020. Access Date: 14 May 2020. <https://ministers.treasury.gov.au/ministers/josh-frydenberg-2018/media-releases/changes-foreign-investment-framework/>

⁵⁹⁴ Notification pursuant to the Decision on notification procedures for quantitative restrictions (G/L/59/REV.1), World Trade Organization (Geneva) 16 April 2020. Access Date: 14 May 2020.

https://www.wto.org/english/tratop_e/covid19_e/notifications_e.htm.

⁵⁹⁵ Unilateral measures relating to the COVID-19 pandemic: measures to facilitate the importation of vital medical supplies, World Trade Organization (Geneva) 4 May 2020. Access Date: 14 May 2020.

https://www.wto.org/english/tratop_e/covid19_e/notifications_e.htm.

investment in broadband in remote areas of Brazil by allowing companies to own outright telecom assets, such as cell towers and real estate.⁵⁹⁶

On 26 September 2019, the decision was made that allowed the Central Bank of Brazil to authorize to recognize the increase in foreign capital participation in domestic financial institutions, as well as the licensing of new branches of foreign financial institutions, as being in the interest of the government. Furthermore, a new law eliminated, in September 2019, the reciprocity requirement that had regulated insurance and reinsurance operations within the country to date, and which conditioned the capacity of foreign firms to carry out insurance transactions and establish in Brazil on equal treatment of Brazilian insurers in the foreign country.⁵⁹⁷

On 17 June 2019, Brazil's Congress passed Law 13.842 amending the Brazilian Aviation Code to remove restrictions on foreign ownership and control of national airlines. Previously, airlines wishing to establish in Brazil faced a foreign ownership limit and were required to have exclusive Brazilian management and control. As a result of the amendment, from, international airlines can now own a subsidiary company in Brazil, subject to the requirement that its headquarters and administration are based in the country.

On 19 November 2019, the Government of Brazil reduced the import duty set on certain yarns of polyester and influenza vaccines for a concrete quota, as well as renewing and altering the application of another tariff-rate quota set on two other products.⁵⁹⁸

On 30 December 2019, the Brazilian Foreign Trade Chamber (Camex) issued Resolution No 23 reducing the applicable import duties on 400 products enclosed in 114 eight-digits tariff lines. The affected products are related to the regime of auto-parts not produced in the country. The new import duties have been set at 2 per cent. According to the WTO tariff download facility, the previously applicable import tariffs ranged between 4.67 per cent and 20 per cent depending on the product. The new legislation entered into force on 2 January 2020.⁵⁹⁹

On 30 December 2019, the Brazilian government eliminated the import duties set on solar cells.⁶⁰⁰

On 30 December 2019, the Government of Brazil eliminated the import duties on 250 capital goods enclosed in 135 eight-digits tariff lines. However, it restored the import duties on 19 ex-tarifários. The amendment introduced led to an increase in the import duty from 0 per cent to values ranging between 6 per cent and 16.22 per cent depending on the tariff line.⁶⁰¹

⁵⁹⁶ Report shows trade restrictions by WTO members at historically high levels, WTO (Geneva) 12 December 2019. Access date: 20 May 2020. https://www.wto.org/english/news_e/news19_e/dgra_12dec19_e.htm

⁵⁹⁷ Report shows trade restrictions by WTO members at historically high levels, WTO (Geneva) 12 December 2019. Access date: 20 May 2020. https://www.wto.org/english/news_e/news19_e/dgra_12dec19_e.htm

⁵⁹⁸ Resolução Nº 11, Diário Oficial da União (Brasília) 22 November 2019. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/resolucao-n-11-de-19-de-novembro-de-2019-229205656>

⁵⁹⁹ RESOLUÇÃO Nº 23, Diário Oficial da União (Brasília) 31 December 2019. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/resolucao-n-23-de-30-de-dezembro-de-2019-236097333>

⁶⁰⁰ RESOLUÇÃO Nº 25, Diário Oficial da União (Brasília) 31 December 2019. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/resolucao-n-25-de-30-de-dezembro-de-2019-236099128>

⁶⁰¹ RESOLUÇÃO Nº 30, Diário Oficial da União (Brasília) 31 December 2019. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/resolucao-n-30-de-30-de-dezembro-de-2019-237206913>

On 30 December 2019, the Government of Brazil eliminated the import duties on 18 information technology and telecommunications products enclosed in 12 eight-digits tariff lines. However, it restored the import duties on four products.⁶⁰²

Brazil rolled back several restrictive measures but at the same time introduced new ones.

Thus, it receives a score of 0.

Analyst: Irina Popova

Canada: 0

Canada has partially complied with the commitment to keep the markets open.

Canada introduced new trade-restrictive measures during the monitoring period.

On 23 August 2019, the Department of Finance released the communication on the new measures to protect domestic steel and aluminum industry. The measures included new anti-dumping regulations, addition of certain aluminum products to the import control list and making their exports subject to general import permit.⁶⁰³

Canada rolled back some of the previously introduced trade-restrictive measures during the monitoring period.

On 23 August 2019, the Department of Finance announced the exclusion of certain specific heavy plate and stainless steel products from the list of goods subject to safeguard measures, allowing Canadian companies to have access to surtax-free sources of supply of the products concerned.⁶⁰⁴

On 11 May 2020 Canada notified the World Trade Organization of its additional unilateral trade measures, taken in response to the spread of the COVID-19 pandemic. Canada waived custom duties on medical supplies identified in the list of goods critical for combating COVID-19 by the World Health Organization and the World Customs Organization.⁶⁰⁵

Canada both introduced new restrictive measures and rolled back some of the existing ones during the monitoring period.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Andrei Sakharov

⁶⁰² RESOLUÇÃO GECEX Nº 29, Diário Oficial da União (Brasília) 9 January 2020. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/resolucao-gecex-n-29-de-30-de-dezembro-de-2019.-237206952>

⁶⁰³ Government Takes Further Steps to Protect Canada's Steel and Aluminum Workers and Industries, Canadian Department of Finance (Ottawa) 23 August 2019. Access Date: 14 May 2020. <https://www.canada.ca/en/department-finance/news/2019/08/government-takes-further-steps-to-protect-canadas-steel-and-aluminum-workers-and-industries.html>.

⁶⁰⁴ Government Takes Further Steps to Protect Canada's Steel and Aluminum Workers and Industries, Canadian Department of Finance (Ottawa) 23 August 2019. Access Date: 14 May 2020. <https://www.canada.ca/en/department-finance/news/2019/08/government-takes-further-steps-to-protect-canadas-steel-and-aluminum-workers-and-industries.html>.

⁶⁰⁵ Unilateral Measures Relating to the COVID-19 Pandemic: Measures to Facilitate the Importation of Medical Supplies, Including Personal Protective Equipment, World Trade Organization (Geneva) 14 May 2020. Access Date: 14 May 2020. https://www.wto.org/english/tratop_e/covid19_e/notifications_e.htm.

China: 0

China has partially complied with the commitment on keeping its national market open.

On 29 November 2019, the Chinese government published new rules concerning ownership of insurance companies in China. According to the new ruling market access was significantly eased, in particular, a requirement of 30-years minimum period of insurance business operations was removed along with some procedural amendments.⁶⁰⁶

On 19 December 2019, the Chinese State Council Tariffs and Tax Standards Commission announced that several products would be excluded from the tariff roster imposed on US import back in 2018. New regulations would include various petroleum products and plastics.⁶⁰⁷

On 21 February 2020 the Chinese State Council Tariffs and Tax Standards Commission announced that several products would be excluded from the tariff roster imposed on US import back in 2018. New regulations would include various wooden products, machinery, medical and control equipment.⁶⁰⁸

On 17 March 2020, the Chinese State Taxation Administration released *Announcement 2020/15*, which raised the export rebate tax on 1,464 products, effective from 20 March. For 380 product lines, the rate was raised to 9%. These included plant growth regulators. For another 1,084 product lines including porcelain sanitary appliances, the rate was raised to 13%.⁶⁰⁹

China imposed new protectionist measures and rolled back several existing ones.

Thus, China receives a score of 0.

Analyst: Alexander Ignatov

France: Not applicable

Trade policy is set by the European Commission. Thus, as a member of the European Union, France is not assessed for compliance with this commitment.

On 1 July 2019, the further reduction of import tariffs under the Expansion of the Information Technology Agreement (131 tariff lines at eight-digit level, in HS Chapters 35; 37; 39; 59; 84; 85; 88; 90) became effective for EU members.⁶¹⁰

Analyst: Irina Popova

⁶⁰⁶ China: Market access conditions for foreign insurance companies relaxed, Global Trade Alert. Access date: 23 March 2020. <https://www.globaltradealert.org/intervention/78444/fdi-entry-and-ownership-rule/china-market-access-conditions-for-foreign-insurance-companies-relaxed>

⁶⁰⁷ China: Some retaliatory tariffs on certain US imports waived, Global Trade Alert. Access date: 23 March 2020. <https://www.globaltradealert.org/intervention/78047/import-tariff/china-some-retaliatory-tariffs-on-certain-us-imports-waived>

⁶⁰⁸ China: More retaliatory tariffs on US imports suspended, Global Trade Alert. Access date: 23 March 2020. <https://www.globaltradealert.org/state-act/43280/china-more-retaliatory-tariffs-on-us-imports-suspended>

⁶⁰⁹ PRC State Taxation Administration, 17 March 2020. (财政部 税务总局公告2020年第15号 关于提高部分产品出口退税率的公告). Access date: 20 August 2020. . <http://www.chinatax.gov.cn/chinatax/n810341/n810755/c5146338/content.html>

⁶¹⁰ Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

Germany: Not applicable

Trade policy is set by the European Commission. Thus, as a member of the European Union, Germany is not assessed for compliance with this commitment.

On 1 July 2019, the further reduction of import tariffs under the Expansion of the Information Technology Agreement (131 tariff lines at 8-digit level, in HS Chapters 35; 37; 39; 59; 84; 85; 88; 90) became effective for EU members.⁶¹¹

Analyst: Andrey Shelepor

India: 0

India has partially complied with the commitment to keep the markets open.

On 24 August 2019, the Indian Ministry of Finance withdrawn the levy of a surcharge on the capital gains tax payable on the transfer of derivatives (futures and options) by foreign portfolio investors (FPIs). The surcharge will continue to be applicable to the gains from the transfer of such derivatives by any person other than FPIs.⁶¹²

On 31 August 2019, the Ministry of Commerce and Industry through Notification No. 15/2015-2020 amended the import policy for “Agarbatti” and other odoriferous preparations which operate by burning (under HS 3307.41) and other products (under HS 3307.49) to “restricted,” i.e., imports would require a license and also restricted to be used by the importer only. Such imports were free of conditions before.⁶¹³

On 5 September 2019, the Ministry of Commerce and Industry through Notification No. 18/2015-2020 amended and liberalized the import policy of chlorotrifluoroethene. Earlier, the imports of the same were restricted to only actual users of the product against a license and from a country which is a party to the Montreal Protocol on Substances that Deplete the Ozone Layer. These restrictions have henceforth been removed for chlorotrifluoroethene and it can be freely imported.⁶¹⁴

On 29 September 2019, the Ministry of Commerce and Industry through Notification No. 21/2015-2020 prohibited the export of onions “until further orders.” The export ban has been announced to control the domestic price rise of onions.⁶¹⁵

On 9 April 2020, the Ministry of Finance through Notification No. 20/2020-Customs exempted the imports of ventilators, face and surgical masks, personal protection equipment, COVID-19 testing kits, and inputs for the manufacture of any of these products from the customs duty and the health tax.⁶¹⁶

⁶¹¹ Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

⁶¹² Official Press Release — Government withdraws enhanced surcharge on tax payable on transfer of certain assets, Press Information Bureau of Indian Government (Delhi) 24 August 2019. Access date: 18 May 2020. <https://pib.gov.in/newsite/PrintRelease.aspx?relid=192802>

⁶¹³ Notification 15/2015-2020, Directorate General of Foreign Trade (Delhi) 31 August 2019. Access date: 18 May 2020. <https://www.globaltradealert.org/state-act/38340/india-import-restriction-on-certain-odoriferous-preparations>

⁶¹⁴ Notification No. 18/2015-2020, Directorate General of Foreign Trade (Delhi) 5 September 2019. Access date: 18 May 2020.

<https://dgft.gov.in/sites/default/files/notification%20No.%2018%20dated%2005.09.2019%20in%20english.pdf>

⁶¹⁵ Notification No. 49/2015-2020, Directorate General of Foreign Trade (Delhi) 29 September 2019. Access date: 18 May 2020. https://dgft.gov.in/sites/default/files/Noti%2049%20dt%202.03.2020%20Eng_0.pdf

⁶¹⁶ Notification No. 20/2020—Customs, Ministry of Finance (Delhi) 9 April 2020. Access date: 18 May 2020. <https://www.cbic.gov.in/resources//htdocs-cbec/customs/cs-act/notifications/notfns-2020/cs-tarr2020/cs20-2020.pdf>

On 17 April 2020, the Indian Directorate General of Foreign Trade through Notification No. 3/2015-2020 amended the export policy of formulations made of paracetamol (including fixed-dose combinations) from “restricted” to “free.” Henceforth, exports of these formulations will not require the application for an export license. The export policy of paracetamol and its formulations was amended to “restricted” on 3 March 2020 in light of the COVID-19 pandemic. The exports of paracetamol (as an active pharmaceutical ingredient) continue to remain restricted.⁶¹⁷

India both introduced new restrictive measures and rolled back some of the existing ones during the monitoring period.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Irina Popova

Indonesia: 0

Indonesia has partially complied with the commitment to keep the markets open.

On 13 August 2019, the Ministry of Trade announced regulation 63/2019 on the importation of salt. The regulation rolls back some of the import restrictions in place in the salt industry. In contrast to previous legislation, it allows the importation of salt for purposes other than as raw material.⁶¹⁸

On 18 October 2019, the Ministry of Trade issued regulation 80/2019 amending regulation 109/2018 on the exportation of coffee. Compared to its original regulation, the amendment makes it easier to obtain a license to export from Indonesia. Whereas previously the exporter needed to face an inspection by the local trading office (Dinas), it now may submit a “self-declaration of conformity” regarding its basic company information *inter alia* on output, plantation area and the number of employees.⁶¹⁹

On 24 October 2019, the Minister of Finance issued Regulation Number 153/PMK.010/2019 imposing definitive duties on imports of aluminium foil. The rate of duty between 7 November 2019 and 6 November 2020 is 6 per cent. The rate of duty between 7 November 2020 and 6 November 2021 is 4 per cent. A number of developing countries are exempt from duties.⁶²⁰

On 11 January 2020, Indonesian authorities imposed a definitive safeguard duty on imports of evaporators roll-bond evaporator and fin-cross evaporator used in the cooling system of freezers and refrigerators. The rate of duty between 11 January 2020 and 10 January 2021 is 17 per cent. The rate of duty between 11 January 2021 and 10 January 2022 is 15.5 per cent. The rate of duty between 11 January 2022 and 10 January 2023 is 14 per cent. A number of developing countries are exempt from duties.⁶²¹

⁶¹⁷ Notification No. 03/2015-2020, Directorate General of Foreign Trade (Delhi) 17 April 2020. Access date: 18 May 2020. <https://www.globaltradealert.org/state-act/43763/india-export-license-requirement-removed-for-exports-of-formulations-made-from-paracetamol>

⁶¹⁸ Ministry of Trade regulation 63/2019 (in Bahasa Indonesia), Ministry of Trade of Indonesia (Jakarta) 13 August 2019. Access date: 18 May 2020. <http://jdih.kemendag.go.id/peraturan/detail/1871/2>

⁶¹⁹ Ministry of Trade regulation 80/2019 (in Bahasa Indonesia), Ministry of Trade of Indonesia (Jakarta) 18 October 2019. Access date: 18 May 2020. <http://jdih.kemendag.go.id/peraturan/detail/1881/2>

⁶²⁰ Regulation No. 153/PMK.010/2019, Government of Indonesia, Ministry of Finance (Jakarta) 24 October 2019. Access date: 18 May 2020. <https://jdih.kemenkeu.go.id/fullText/2019/153~PMK.010~2019Per.pdf>

⁶²¹ WTO, Committee on Safeguards — Notification pursuant to article 12.1(c) of the Agreement on Safeguards — Notification pursuant to article 9, footnote 2 of the Agreement on Safeguards: Indonesia — Evaporators, Document No. G/SG/N/10/IDN/22/Suppl.1 ; G/SG/N/11/IDN/22, WTO (Geneva) 24 Janauary 2020. Access date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/G/SG/N10IDN22S1.pdf>

Indonesia both introduced new restrictive measures and rolled back some of the existing ones during the monitoring period.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Pavel Doronin

Italy: Not applicable

Trade policy is set by the European Commission. Thus, as a member of the European Union, Italy is not assessed for compliance with this commitment.

On 1 July 2019, the further reduction of import tariffs under the Expansion of the Information Technology Agreement (131 tariff lines at 8-digit level, in HS Chapters 35; 37; 39; 59; 84; 85; 88; 90) became effective for the EU members.⁶²²

Analyst: Andrei Sakharov

Japan: -1

Japan has not complied with the commitment to keep its market open.

On 1 August 2019, the Ministry of Economy, Trade and Industry of Japan amended foreign direct investment restrictions creating new sectors that are now considered to be new restricted information and communications technology businesses mostly in the telecommunications and technology sectors.⁶²³

Japan introduced new protectionist measure and did not roll back any existing measures.

Thus, it receives a score of -1.⁶²⁴

Analyst: Pavel Doronin

Korea: -1

Korea has not complied with the commitment on keeping the national market open.

On 24 December 2019, the government of Korea announced its intention to cut tariffs on 77 products in 2020. The measure is said to bolster the country's industrial competitiveness and stabilize prices of domestic goods. The products covered by a tariff quota include crude oil, liquefied natural gas and cobalt sulfate, a key ingredient in making batteries for electric vehicles.⁶²⁵

On 19 March 2020, the government of Korea extended the antidumping duty on Japanese steel plates. The Korea Trade Commission said Seoul will continue to apply the 13.17 per cent antidumping tariff on the Japanese products for the next five years. Korea has been imposing the

⁶²² Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

⁶²³ METI (2019) 対内直接投資等に係る事前届出対象業種の追加等を行います Add industries subject to prior notification pertaining to inward direct investment, etc., Ministry of Economy, Trade and Industry of Japan (Tokyo) 1 August 2019. Access date: 18 May 2020. <https://www.meti.go.jp/press/2019/05/20190527002/20190527002.html>

⁶²⁴ WTO and UNCTAD databases were used to search for trade measures, also search in open sources was conducted.

⁶²⁵ S. Korea to cut tariff rates on 77 products in 2020, the Korea Herald (Seoul) 24 December 2019. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20191224000149&np=73&mp=8>

tariff on the Japanese plates since April 2011. Recent extension is the second one with the first one announced back in 2016.⁶²⁶

Despite the fact that Korea has announced its intention to cut the tariffs, on evidence proving the realization of this plan has been found. At the same time, the restrictive measures against certain import products have been prolonged.

Thus, Korea receives a score of -1.

Analyst: Alexander Ignatov

Mexico: 0

Mexico has partially complied with the commitment to keep its market open.

On 17 September 2019, the Mexican Secretariat of Economy issued a notice decreasing the quota of sugar allowed to be exported to the United States of America during the period lasting from 1 October 2019, to 30 September 2020.⁶²⁷ The new total volume has been set at 439,315.574 metric tons, which represents a decrease when compared to the 811,513.082 metric tons that was approved for the prior annual period.

On 31 October 2019, the Secretary of Economy of Mexico announced the new applicable reference prices for sugar. The new price has decreased from MXN 12,711.52 per tonne (USD 663.08 at the time of the announcement) to MXN 11,434.32 per ton (USD 596.42 at the time of the announcement).⁶²⁸

On 29 November 2019, the Secretariat of Finance and Public Credit of Mexico adopted a new Agreement modifying the applicable tax exemptions for fuel used by the fishing and agricultural industries. The new legislation decreased the percentage of the subsidized tax credit as it follows:

- from 48.54 per cent to 45.81 per cent in the case of gasoline
- from 56.71 per cent to 52.38 per cent for diesel used by the fishing industry
- from 45.37 per cent to 41.91 per cent in the case of diesel for the agricultural industry.⁶²⁹

On 31 December 2019, the Secretariat of Finance and Public Credit of Mexico adopted a new Agreement modifying the applicable tax exemptions for fuel used by the fishing and agricultural industries. The new legislation increased the percentage of the subsidized tax credit as it follows:

- from 45.81 per cent to 48.33 per cent in the case of gasoline,
-

⁶²⁶ S. Korea to extend antidumping duty on Japanese steel plates, Yonhap News Agency (Seoul) 19 March 2020. Access date: 18 May 2020. <https://en.yna.co.kr/view/AEN20200319007400320>

⁶²⁷ Aviso Mediante El Cual Se Da A Conocer El Monto Del Cupo Máximo, Para Exportar Azúcar A Los Estados Unidos De América Durante El Periodo Comprendido Entre El 1 De Octubre De 2019 Y El 30 De Septiembre De 2020, Official journal of Mexico (Mexico City) 19 September 2019. Access date: 20 May 2020.
http://www.dof.gob.mx/nota_detalle.php?codigo=5572454&fecha=17/09/2019

⁶²⁸ AVISO por el que se da a conocer el precio de referencia del azúcar base estándar para el pago de la caña de azúcar de la zafra 2019/2020, propuesto por el Comité Nacional para el Desarrollo Sustentable de la Caña de Azúcar, Official journal of Mexico (Mexico City) 19 September 2019. Access date: 20 May 2020.
http://dof.gob.mx/nota_detalle.php?codigo=5577349&fecha=31/10/2019

⁶²⁹ ACUERDO por el que se dan a conocer los estímulos fiscales a la gasolina y al diésel en los sectores pesquero y agropecuario para el mes de diciembre de 2019, Official journal of Mexico (Mexico City) 29 November 2019. Access date: 20 May 2020. http://dof.gob.mx/nota_detalle.php?codigo=5580415&fecha=29/11/2019

- from 52.38 per cent to 57.02 per cent for diesel used by the fishing industry,
- from 41.91 per cent to 45.61 per cent in the case of diesel for the agricultural industry.⁶³⁰

Mexico has launched a new protectionist measure during the compliance period. At the same time, some of the existing measures were rolled back.

Thus, it receives a score of 0.

Analyst: Irina Popova

Russia: 0

Russia has partially complied with the commitment on trade.

On 25 October 2019, Russia notified the World Trade Organization on several trade-facilitating measures, including extension of the temporary elimination of export duties on certain types of wheat (effective 29 June 2019 to 1 July 2021); temporary elimination of import tariffs on certain products, e.g., (from 5 per cent) on high tenacity yarn of nylon or other polyamides, whether or not textured, of aramids (effective 4 July 2019 to 31 July 2022), aniline and its salts (effective 4 July 2019 to 30 June 2022), (from 7.5 per cent) on non-coniferous chemical wood pulp, semi-bleached or bleached (effective 14 July 2019 to 31 May 2022); reduction of import tariffs on motor cars and other motor vehicles principally designed for the transport of persons, including station wagons and racing cars; and (from 11.4 per cent to 10 per cent; from 15.7 per cent to 15 per cent and from 13.6 per cent to 12.5 per cent) on certain aircraft (for example helicopters, aeroplanes); spacecraft (including satellites) and suborbital and spacecraft launch vehicles (effective 1 September 2019).⁶³¹ On 21 August 2019, Russia temporary increased import tariffs (from zero to 5 per cent) on mixing or kneading machines (concrete or mortar mixers). The measure will be effective until 31 August 2021.⁶³²

On 25 August 2019, Russia temporary suspended antidumping duties on imports of steel railway wheels from Ukraine.⁶³³

Russia has launched a new protectionist measure during the compliance period. At the same time, some of the existing measures were rolled back.

Thus, Russia receives a score of 0.

Analyst: Andrey Shelepor

Saudi Arabia: 0

Saudi Arabia has partially complied with the commitment on keeping the national market open.

Saudi Arabia has not imposed any new protectionist measures within the monitoring period. However, Saudi Arabia has not removed existing measures.

⁶³⁰ ACUERDO por el que se dan a conocer los estímulos fiscales a la gasolina y al diésel en los sectores pesquero y agropecuario para el mes de enero de 2020, Official journal of Mexico (Mexico City) 31 December 2019. Access date: 20 May 2020. http://dof.gob.mx/nota_detalle.php?codigo=5583177&fecha=31/12/2019

⁶³¹ Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 15 May 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

⁶³² Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 15 May 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

⁶³³ Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 15 May 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

Thus, Saudi Arabia receives a score of 0.

Analyst: Alexander Ignatov

South Africa: 0

South Africa has partially complied with the commitment on keeping its national market open.

On 16 August 2019, the South African Revenue Service (SARS) increased the general import duties on tinplate. New regulation raises the import tariff up to 10 per cent.⁶³⁴

On 20 September 2019, the SARS lifted the customs duty on wheat and wheaten flour by 30–40 per cent.⁶³⁵

On 18 October 2019, the SARS increased the general import duties on beet and cane sugar by approximately 20 per cent.⁶³⁶

On 25 October 2019, the SARS increased the general import duties on wheat and wheaten products by 30–60 per cent.⁶³⁷

On 17 January 2020, the SARS decreased the general import duties on wheat and wheaten products by 20–30 per cent.⁶³⁸

On 2 March 2020, the SARS decreased the general import duties on wheat and wheaten products and sugar.^{639,640}

On 13 March 2020, the SARS increased the import duties on frozen chicken portions and frozen boneless chicken portions.⁶⁴¹

South Africa removed several protectionist measures, but some of those imposed within the monitoring period are still in place.

⁶³⁴ South Africa Revenue Service (SARS), Government Gazette No. 42640 No. R. 1075 of 16 August 2019. Access date: 25 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2019-32%20-%20R1075%20GG42640%20Sch%201P1%20Tin%20Plate.pdf>

⁶³⁵ South Africa Revenue Service (SARS), Government Gazette No. 42529 No. R. 924 of 14 June 2019. Access date: 25 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2019-26%20-%20R924%20GG42529%20Schedule%201P1%20Wheat.pdf>

⁶³⁶ South Africa Revenue Service (SARS), Government Gazette No. 42773 No. R.1346 of 18 October 2019. Access date: 25 March 2020. <https://www.globaltradealert.org/state-act/38666/sacu-customs-duty-increase-on-sugar-october-2019>

⁶³⁷ South Africa Revenue Service (SARS), Government Gazette No. 42789 No. R. 1383 of 25 October 2019. Access date: 25 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2019-39%20-%20R1383%20GG42789%20WHEAT.pdf>

⁶³⁸ South Africa Revenue Service (SARS), Government Gazette No. 42959 No. R. 36 of 17 January 2020. Access date: 25 March 2020. <https://www.globaltradealert.org/state-act/43155/sacu-customs-duty-decrease-on-wheat-and-wheaten-products-january-2020>

⁶³⁹ South Africa Revenue Service (SARS), Government Gazette No. 43061 No. R. 237 of 12 March 2020. Access date: 26 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2020-18%20-%20R237%20GG43061%20Sch1P1%20Wheat%20-%20202%20March%202020.pdf>

⁶⁴⁰ South Africa Revenue Service (SARS), Government Gazette No. 43061 No. R.238 of 2 March 2020. Access date: 25 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2020-17%20-%20R238%20GG43061%20Sch1P1%20Sugar%20-%20202%20March%202020.pdf>

⁶⁴¹ Government Gazette No. 43091 No. R.309 of 13 March 2020. Access date: 26 March 2020. <https://www.sars.gov.za/AllDocs/Embargo/Tariffs/LAPD-LSec-CE-TA-2020-19%20-%20R309%20GG43091%20Sch%201P1%20Part%201%20Chicken%20Eng%20-%202013%20March%202020.pdf>

Thus, South Africa receives a score of 0.

Analyst: Alexander Ignatov

Turkey: 0

Turkey has partially complied with the commitment on trade.

On 25 October 2019, the Turkish Ministry of Agriculture and Forestry announced imposing a temporary import ban on the imports of breeding cattle. It is announced in the press release that, with the measure, the government aims at balancing the supply and demand conditions of the breeding cattle to ensure the sustainable development of the animal husbandry. The ministry announced that the import ban is imposed temporarily, however, the announcement did not specify when the import ban will be abolished.⁶⁴²

On 12 December 2019, the government of Turkey introduced additional customs duties on forklifts and other works trucks classified under the tariff subheadings 8427.10, 8427.20 and 8427.90.⁶⁴³

On 21 March 2020, the government of Turkey revised the licensing requirement (2020/1) on imports of safety glass of size and shape suitable for incorporation in motor vehicles classified under the tariff subheadings 7007.11.10 and 7007.21.20. With the revision, the subject products are excluded from the licensing requirement.⁶⁴⁴

On 25 March 2020, the government of Turkey abolished the additional duties imposed on disposable masks classified in the Turkish Customs Schedule under the customs tariff code 6307.90.98.10.11. The decision is taken as part of the efforts to cope with the coronavirus pandemic.⁶⁴⁵

On 18 April 2020, through a presidential decree, the government of Turkey temporarily increased the import duties on iron and steel products by 5 per cent. With the decision, tariff rates of 68 HS codes under the tariff chapter 72 is increased. The increase in the tariff rates will be valid until 15 July 2020. Tariff rates will be reduced to their previous levels after this date.⁶⁴⁶

Turkey has implemented new protectionist measures during the compliance period. At the same time, some of the existing measures were rolled back.

Thus, it receives a score of 0.

Analyst: Pavel Doronin

United Kingdom: 0

The United Kingdom has partially complied with the commitment on trade.

⁶⁴² Press Release of the Turkish Ministry of Agriculture and Forestry concerning the import ban on breeding cattle, Turkish Ministry of Agriculture and Forestry (Ankara) 15 October 2019. Access date: 18 May 2020.

<https://www.tarimorman.gov.tr/HAYGEM/Haber/104/Basin-Duyurusu>

⁶⁴³ Presidential Decree on Import Regime, Official gazette of Turkey (Ankara) 12 December 2019. Access date: 18 May 2020. <https://www.resmigazete.gov.tr/eskiler/2019/12/20191212-14.pdf>

⁶⁴⁴ Amendment Communiqué on Import Surveillance No. 2020/1, Official gazette of Turkey (Ankara) 21 March 2020. Access date: 18 May 2020. <https://www.resmigazete.gov.tr/eskiler/2020/03/20200321-6.htm>

⁶⁴⁵ Presidential Decree on Import Regime No: 2286, Official gazette of Turkey (Ankara) 25 March 2020. Access date: 18 May 2020. <https://www.resmigazete.gov.tr/eskiler/2020/03/20200325-6.pdf>

⁶⁴⁶ Amendment Decree to the Import Regime Decree, Official gazette of Turkey (Ankara) 18 April 2020. Access date: 18 May 2020. <https://www.resmigazete.gov.tr/eskiler/2020/04/20200418-7.pdf>

On 1 July 2019, the further reduction of import tariffs under the Expansion of the Information Technology Agreement (131 tariff lines at 8-digit level, in HS chapters 35; 37; 39; 59; 84; 85; 88; 90) became effective for members of the European Union.⁶⁴⁷

On 17 December 2019, the European Union issued imposed an additional import duty on a number of fruit and vegetables for the period 2020-2021.⁶⁴⁸

The UK has introduced several trade measures in response to the COVID-19 outbreak. In particular, on 13 March 2020, the UK announced the introduction of an export ban on hydroxychloroquine due to anticipated shortages in the country following the COVID-19 outbreak.⁶⁴⁹ On 20 March 2020, the export ban was expanded to cover 82 medicines.⁶⁵⁰ On 31 March 2020, several additional medicines were included in the list.⁶⁵¹ At the same time, the UK temporary eliminated the import duty and the value-added tax (VAT) imposed on imports of certain medical supplies, equipment and protective garments.⁶⁵²

On 3 April 2020, the European Commission announced temporary elimination of the VAT on imports and import duty on some goods in response to the COVID-19 outbreak.⁶⁵³

The UK has implemented new protectionist measures during the compliance period. At the same time, some of the existing measures were rolled back.

Thus, the UK receives a score of 0.

Analyst: Andrey Shelepor

United States: -1

The United States has not complied with the commitment to keep the markets open.

The United States introduced trade-restrictive measures during the monitoring period.

On 6 January 2020, the United States Bureau of Industry and Security enacted new regulations restricting exports of certain artificial intelligence software. With the new regulations the Bureau

⁶⁴⁷ Summary and Status of G-20 trade and trade-related measures since October 2008 (Excel Format), WTO. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/g20_annex_bis_november19_e.xls.

⁶⁴⁸ Commission Implementing Regulation (EU) 2019/2163 of 17 December 2019, Official Journal of the European Union 18 December 2019. Access Date: 15 May 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32019R2163>.

⁶⁴⁹ Medicines that cannot be parallel exported from the UK, UK Government 20 March 2020. Access Date: 15 May 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/874142/Medicines_that_cannot_be_parallel_exported_from_the_UK_20_March.csv/preview.

⁶⁵⁰ Medicines that cannot be parallel exported from the UK, UK Government 20 March 2020. Access Date: 15 May 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/874142/Medicines_that_cannot_be_parallel_exported_from_the_UK_20_March.csv/preview.

⁶⁵¹ List of medicines that cannot be parallel exported from the UK, UK Government 3 April 2020. Access Date: 15 May 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/877739/Medicines_that_cannot_be_parallel_exported_from_the_UK.csv/preview.

⁶⁵² Pay no import duty and VAT on medical supplies, equipment and protective garments (COVID-19), UK Government 31 March 2020. Access Date: 15 May 2020. <https://www.gov.uk/guidance/pay-no-import-duty-and-vat-on-medical-supplies-equipment-and-protective-garments-covid-19>

⁶⁵³ Commission Decision (EU) 2020/491 of 3 April 2020 on relief from import duties and VAT exemption on importation granted for goods needed to combat the effects of the COVID-19 outbreak during 2020, Official Journal of the European Union 3 April 2020. Access Date: 15 May 2020. <https://eur-lex.europa.eu/eli/dec/2020/491/oj>.

made neural network software “subject to license requirement for the export and reexport … to all destinations, except Canada.”⁶⁵⁴

On 27 March 2020, the United States Congress Passed the Coronavirus Aid, Relief, and Economic Security Act (CARES Act). The Act contained provisions of discriminatory nature to foreign goods and services, including direct financial grants and tax relief to American enterprises.⁶⁵⁵

On 3 April 2020, the Community Development Financial Institutions Fund of the United States Treasury Department announced the start of 2020 Bank Enterprise Award Program inviting applications for the fiscal year 2020 funding round. The program distributes grants for community development projects. The applicants must, *inter alia*, comply with the Buy American Act of 1933.⁶⁵⁶

On 3 April 2020, US President Donald Trump issued the Memorandum on Allocating Certain Scarce or Threatened Health and Medical Resources to Domestic Use, restricting exports of personal protective equipment from the United States.⁶⁵⁷

On 10 April 2020, the Federal Emergency Management Agency published a temporary rule making exports of certain types of personal protective equipment subject to the agency’s approval.⁶⁵⁸

On 13 May 2020, the United States notified the World Trade Organization of the introduction of temporary measure requiring export authorization for the producers of certain personal protective equipment items, namely several types of respirators, surgical masks, protective gloves or surgical gloves.⁶⁵⁹

The United States introduced trade-restrictive measures but failed to roll back any pre-existing protectionist measures during the monitoring period.

Thus, it is awarded a score of -1.

Analyst: Andrei Sakharov

European Union: +1

European Union has fully complied with the commitment to keep the markets open.

On 18 February 2020, the Council of the European Union issued Regulation (EU) 2020/231 amending the 2019-2020 import tariff quota list to expand the HS code coverage of certain hard fish

⁶⁵⁴ Federal Register / Vol. 85, No. 3 / Rules and Regulations, United States Government (Washington) 6 January 2020. Access Date: 14 May 2020. <https://www.govinfo.gov/content/pkg/FR-2020-01-06/pdf/2019-27649.pdf>.

⁶⁵⁵ Coronavirus Aid, Relief, and Economic Security Act or the CARES Act, United States Congress (Washington) 27 March 2020. Access Date: 14 May 2020. <https://www.congress.gov/bill/116th-congress/house-bill/748>

⁶⁵⁶ Community Development Financial Institutions Fund, US Treasury Department (Washington) 3 April 2020. Access Date 14 May 2020. <https://www.federalregister.gov/documents/2020/04/03/2020-07012/community-development-financial-institutions-fund>.

⁶⁵⁷ Memorandum on Allocating Certain Scarce or Threatened Health and Medical Resources to Domestic Use, White House (Washington) 3 April 2020. Access Date 14 May 2020. <https://www.whitehouse.gov/presidential-actions/memorandum-allocating-certain-scarce-threatened-health-medical-resources-domestic-use/>.

⁶⁵⁸ United States of America: Presidential memorandum and subsequent FEMA rule restricting exports by intermediaries of personal protective equipment, Global Trade Alert 10 April 2020. Access Date 14 May 2020. <https://www.globaltradealert.org/intervention/78995/export-ban/united-states-of-america-presidential-memorandum-and-subsequent-fema-rule-restricting-exports-by-intermediaries-of-personal-protective-equipment>.

⁶⁵⁹ Notification pursuant to the Decision on notification procedures for quantitative restrictions (G/L/59/Rev.1), World Trade Organization (Geneva) 14 May 2020. Access Date: 14 May 2020. https://www.wto.org/english/tratop_e/covid19_e/notifications_e.htm.

roes to include HS code 1604.32.00 alongside the already included HS code 0305.20.00, see related state act. The import tariff quota was set at 1,500 tonnes for fresh or frozen hard fish roes salted or in brine, for processing falling under both HS code 1604.32.00 and 0305.20.00, with in-quota imports exempt from the import duty set at 20%.⁶⁶⁰

On 20 March 2020, the European Commission issued Commission Implementing Regulation (EU) 2020/426 of 19 March 2020 permitting exports of certain personal protective equipment including protective masks, gloves and garments to a number of countries without a license.⁶⁶¹

On 3 April 2020, the European Commission issued Decision (EU) 2020/491 eliminating the import duty on certain goods imported and distributed free of charge to persons either at risk from or affected by COVID-19 as well as persons combating it the COVID-19 outbreak. Additionally, goods released for free circulation which are imported by or on behalf of the state including “State bodies, public bodies and other bodies governed by public law or by or on behalf of organisations approved by the competent authorities in the Member States.” Notably, the value-added tax on imported goods was also eliminated, see related intervention.⁶⁶²

The European Union's action to expand its tariff quote on fisheries to allow more fish to be imorted had a liberalizing effect, while the rollback of the earlier COVID-19 related measures was a liberalization aimed at resporing the earlier level. Thus the net effect was to keep the EU market open.

Thus, the EU receives a score of +1.

Analyst: Irina Popova

⁶⁶⁰ Council Regulation (EU) 2020/231 of 18 February 2020, amending Regulation (EU) 2018/1977 opening and providing for the management of autonomous Union tariff quotas for certain fishery products for the period 2019-2020, Official Journal of the European Union (Brussels) 20 February 2020. Access date: 18 May 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R0231>

⁶⁶¹ Commission Implementing (EU) 2020/426 of 19 March 2020, amending Implementing Regulation (EU) 2020/402 making the exportation of certain products subject to the production of an export authorization, Official Journal of the European Union (Brussels) 20 March 2020. Access date: 18 May 2020. https://eur-lex.europa.eu/eli/reg_impl/2020/426/oj

⁶⁶² Commission Decision (EU) 2020/491 of 3 April 2020, on relief from import duties and VAT exemption on importation granted for goods needed to combat the effects of the COVID-19 outbreak during 2020, Official Journal of the European Union (Brussels) 3 April 2020. Access date: 18 May 2020. <https://eur-lex.europa.eu/eli/dec/2020/491/oj>

4. Trade: Reform of the World Trade Organization

“We reaffirm our support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil			+1
Canada		0	
China			+1
France		0	
Germany			+1
India			+1
Indonesia			+1
Italy		0	
Japan			+1
Korea			+1
Mexico			+1
Russia			+1
Saudi Arabia		0	
South Africa			+1
Turkey			+1
United Kingdom			+1
United States		0	
European Union			+1
Average		+0.70 (85%)	

Background

International trade and issues relating to the World Trade Organization (WTO) have been key topics of discussion at every G20 summit since the 2008 Washington Summit, where members agreed to “strive to reach agreement this year on modalities that leads to a successful conclusion to the WTO’s Doha Development Agenda with an ambitious and balanced outcome.”⁶⁶³ This summit introduced the established commitment to reject protectionism that featured in every communiqué until the 2018 Buenos Aires Summit, and was the first of many commitments to conclude the Doha Development Round as soon as possible. The Doha Development Round of trade negotiations primarily concerns the introduction of lower tariff barriers as well as reforms to include agriculture, services, and intellectual property in the purview of WTO regulations.⁶⁶⁴

⁶⁶³ Declaration of the Summit on Financial Markets and the World Economy, G20 Information Centre (Toronto) 15 November 2008. Access Date: 18 November 2019. <http://www.g20.utoronto.ca/2008/2008declaration1115.html>

⁶⁶⁴ The Doha Round, World Trade Organization (Geneva) No Date. Access Date: 12 December 2019. https://www.wto.org/english/tratop_e/dda_e/dda_e.htm

The 2012 Los Cabos Summit declaration included a commitment to “urge progress in streamlining WTO accession procedures for the world’s poorest countries, in addition to the standard commitments on anti-protectionism and completing the Doha Development Round.”⁶⁶⁵

The 2013 St. Petersburg Summit declaration emphasized the importance of regional trade agreements within the context of the WTO and included a document titled “Advancing Transparency in Regional Trade Agreements” as an annex to the declaration.⁶⁶⁶

At the 2016 Hangzhou Summit, the “Hangzhou consensus” feature of openness included a commitment to reject protectionism and promote global trade and investment.⁶⁶⁷ The communiqué also supported the work of the recently established G20 Trade and Investment Working Group.⁶⁶⁸

The 2017 Hamburg Summit declaration discussed how the “benefits of international trade and investment have not been shared widely enough” and proceeded to outline a commitment to mitigate the harmful effects of trade while nevertheless re-affirming the “crucial role” of the rules-based global trading system.⁶⁶⁹

The 2018 Buenos Aires Summit leaders’ declaration “[noted] current trade issues” and stated that the multilateral trading system “is currently falling short of its objectives,” marking the greatest emphasis placed on WTO reform of any G20 summit until that date.⁶⁷⁰ It lacked any mention of fighting protectionism.

Commitment Features

This commitment requires members to support the necessary reform of the WTO. For the purposes of this assessment, “support” is understood to mean “the action, or act of providing aid, assistance, or backing up an initiative, or entity.”⁶⁷¹ Such support can encompass implementing new policies or supporting existing policies that contribute to WTO reform.

WTO reform concerns three key features, which are based on key priorities outlined by WTO director-general Roberto Azevêdo on 19 July 2019: addressing problems with the existing dispute settlement system including the current shortage of appointments to the Appellate Body, “strengthening the work of the WTO’s regular bodies; and improving the WTO’s negotiating work.”⁶⁷² The proposed WTO reforms mainly concern the work program of the ongoing Doha Development Round.

⁶⁶⁵ G20 Leaders’ Declaration, G20 Information Centre (Toronto) 19 June 2012. Access Date: 12 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.pdf>

⁶⁶⁶ G20 Leaders’ Declaration, G20 Information Centre (Toronto) 6 September 2013. Access Date: 12 December 2019. <http://www.g20.utoronto.ca/2013/2013-0906-declaration.html#trade>

⁶⁶⁷ G20 Leaders’ Communiqué: Hangzhou Summit, G20 Information Centre (Toronto) 5 September 2016. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁶⁶⁸ G20 Leaders’ Communiqué: Hangzhou Summit, G20 Information Centre (Toronto) 5 September 2016. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

⁶⁶⁹ G20 Leaders’ Declaration: Shaping an Interconnected World, G20 Information Centre (Toronto) 8 July 2017. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

⁶⁷⁰ G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development, G20 Information Centre (Toronto) 1 December 2018. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

⁶⁷¹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 21 April 2020

⁶⁷² Azevêdo: WTO reform is already happening, World Trade Organization (Washington) 19 July 2019. Access Date: 18 November 2019. https://www.wto.org/english/news_e/news19_e/tnc_19jul19_e.htm.

Actions that count for addressing the dispute settlement system include active discussion both within and outside the WTO framework to resolve the current impasse over appointments to the WTO's Appellate Body and participation in discussions to ensure that the Appellate Body will be sufficiently responsive to national sovereignty concerns in the future.

Actions that count for strengthening the work of the WTO's regular bodies include improving monitoring of WTO regulations, increasing transparency in applying WTO regulations, respecting decisions made by the Appellate Body in contentious cases, and generally working to uphold the rules-based global trade regime. Actions can be either domestic or international in nature and include the sharing of best practices with regards to upholding WTO regulations.

Actions that count for improving the WTO's negotiating work include making substantive proposals, cooperating in negotiations on sensitive matters such as fisheries and agricultural subsidies, updating the global trade system to reflect recent technological developments, and balancing the concerns of both corporations and citizens regarding global trade.

To fully comply with the commitment, members must take action in all three commitment areas of resolving the current impasse over appointments to the WTO's Appellate Body, strengthening the work of the WTO's regular bodies and improving the WTO's negotiating work. To partially comply, members must take action in two of the three commitment areas. In addition, actions will be differentiated based on whether they are a strong or weak action in the commitment area. Strong actions for this commitment are defined as newly implemented policies, proposals that directly originate from the member as opposed to proposals that the member is a signatory to and policies that indicate a significant degree of support for the WTO and the current reform process. Members must take at least two strong actions to fully comply with the commitment and at least one strong action to partially comply. No compliance indicates a member has taken action in none or one of the commitment areas.

Scoring Guidelines

-1	G20 member takes action in zero or one of the three commitment areas of resolving the current Appellate Body impasse OR strengthening the work of the WTO's regular bodies OR improving the WTO's negotiating work.
0	G20 member takes action in two of the three commitment areas of resolving the current Appellate Body impasse OR strengthening the work of the WTO's regular bodies OR improving the WTO's negotiating work. Member takes at least one strong action.
+1	G20 member takes action in all three commitment areas of resolving the current Appellate Body impasse AND strengthening the work of the WTO's regular bodies AND improving the WTO's negotiating work. Member takes at least two strong actions.

Compliance Director: Christopher Sims

Lead Analyst: Daniel Scarpitti

Argentina: 0

Argentina has partially complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

From 16 to 18 July 2019, Argentina and the Republic of Peru held the second round of negotiations for a trade agreement.⁶⁷³ The negotiations were meant to consolidate bilateral trade relations and

⁶⁷³ 2nd Round of Argentina-Peru negotiations, Ministry of Foreign Affairs, International Trade and Worship Argentina 19 July 2019. Access Date: 9 February 2020. <https://www.cancilleria.gob.ar/en/announcements/news/2nd-round-argentina-peru-negotiations>

modernize existing framework which establish free trade of goods.⁶⁷⁴ Argentina stressed its negotiating efforts in relation to certain sectors, such as government procurement and services, agriculture and industry.⁶⁷⁵

On 1 October 2019, the Argentine-India Business Forum was held, where the Secretary for International Economic Relations of the Foreign Ministry, Secretary of Foreign Trade, the President of the Argentine Investment and Trade Promotion Agency, the Indian Ambassador to Argentina and the Argentine Ambassador to India were present.⁶⁷⁶ A large delegation of companies of the Confederation of Indian Industry (CII) were invited.⁶⁷⁷ Meetings were held between Argentine and Indian companies to discuss potential joint business initiatives.⁶⁷⁸ The forum discussed the economic bilateral relationship between the two members and its challenges.⁶⁷⁹

On 4 October 2019, a Business Forum was held at the Argentine Foreign Ministry, jointly organized by the Ministry of Foreign Affairs and Worship and the French-Argentine Chamber of Commerce and Industry.⁶⁸⁰ The event was attended by the French Ambassador, president of CII France Argentine, European Union Ambassador and the Undersecretary for Commercial Strategy and Economic Promotion of Foreign Ministry.⁶⁸¹ It discussed the opportunities and challenges of the bilateral economic ties and stressed specifically on three sectors with an eye to the future; energy, human resources and transport.⁶⁸²

⁶⁷⁴ 2nd Round of Argentina-Peru negotiations, Ministry of Foreign Affairs, International Trade and Worship Argentina 19 July 2019. Access Date: 9 February 2020. <https://www.cancilleria.gob.ar/en/announcements/news/2nd-round-argentina-peru-negotiations>

⁶⁷⁵ 2nd Round of Argentina-Peru negotiations, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 19 July 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/2nd-round-argentina-peru-negotiations>

⁶⁷⁶ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁶⁷⁷ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁶⁷⁸ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁶⁷⁹ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁶⁸⁰ Business Forum with France held at the Argentine Foreign Ministry, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 4 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-france-held-argentine-foreign-ministry>

⁶⁸¹ Business Forum with France held at the Argentine Foreign Ministry, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 4 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-france-held-argentine-foreign-ministry>

⁶⁸² Business Forum with France held at the Argentine Foreign Ministry, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 4 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-france-held-argentine-foreign-ministry>

On 16 January, Argentina was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁶⁸³ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁶⁸⁴

On 2 March 2020, Argentina held trade discussions with the UK regarding strengthening existing trade relations.⁶⁸⁵ The meeting, which saw foreign office officials from Boris Johnson's cabinet meet with members of President Alberto Fernandez's government for the first time, involved discussions on boosting trade and investment.⁶⁸⁶ The meeting is said to have revolved around additional matters of climate change, human rights, and boosting trade in transport, public services, oil, gas and financial services.⁶⁸⁷ However, Argentine ministers have made clear that further discussions will only occur if the UK is willing to discuss the Falklands claim issue.⁶⁸⁸

Argentina has participated in addressing problems with the existing dispute settlement system in signing onto the proposal to fill vacant seats on the Appellate Body. Additionally, Argentina has strengthened the work of the WTO's regular bodies in working to uphold the rules-based global trade regime. However, Argentina has not taken action to improve the WTO's negotiating work.

Thus, Argentina receives a score of 0.

Analyst: Srijan Sahu

Australia: +1

Australia has fully complied with its commitment to reaffirm its "support for the necessary reform of the World Trade Organization (WTO) to improve its functions."

On 5 July 2019, Australia announced further support for its partnership with two key programs of the World Trade Organization — the Enhanced Integrated Framework and the Standards and Trade Development Facility, in recognition of the importance of the WTO in driving economic growth,

⁶⁸³ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁶⁸⁴ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁶⁸⁵ UK/Argentina discuss trade and business opportunities, but also Malvinas, MercoPress (Buenos Aires) 3 March 2020. Access Date: 19 March 2020. <https://en.mercopress.com/2020/03/03/uk-argentina-discuss-trade-and-business-opportunities-but-also-malvinas>

⁶⁸⁶ UK/Argentina discuss trade and business opportunities, but also Malvinas, MercoPress (Buenos Aires) 3 March 2020. Access Date: 19 March 2020. <https://en.mercopress.com/2020/03/03/uk-argentina-discuss-trade-and-business-opportunities-but-also-malvinas>

⁶⁸⁷ UK/Argentina discuss trade and business opportunities, but also Malvinas, MercoPress (Buenos Aires) 3 March 2020. Access Date: 19 March 2020. <https://en.mercopress.com/2020/03/03/uk-argentina-discuss-trade-and-business-opportunities-but-also-malvinas>

⁶⁸⁸ UK/Argentina discuss trade and business opportunities, but also Malvinas, MercoPress (Buenos Aires) 3 March 2020. Access Date: 19 March 2020. <https://en.mercopress.com/2020/03/03/uk-argentina-discuss-trade-and-business-opportunities-but-also-malvinas>

reducing global poverty and advancing gender equality.⁶⁸⁹ Australia's new commitments total over \$8 million.

On 20 August 2019, Minister for Trade, Tourism and Investment Simon Birmingham acknowledged the WTO's role in upholding the rules-based trading system and discussed the importance of regional trade agreements in a meeting with Malaysian International Trade and Industry Minister YB Datuk Darell Leiking.⁶⁹⁰ Ministers also expressed a shared interest in contributing to WTO reform to ensure the on-going value of the institution in the future.⁶⁹¹

On 14 November 2019, Australia co-organized a workshop on "Regulatory frameworks to facilitate trade in services" with Indonesia, South Korea, Turkey and Mexico, at the WTO.⁶⁹² The workshop discussed "the need for more transparent and predictable domestic regulations to help enhance productivity in services and for efficient services to strengthen developing countries' connectivity to the global economy."⁶⁹³

On 16 January, Australia was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁶⁹⁴ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁶⁹⁵

On 24 January 2019, Australia, the European Union, China, and 14 other WTO members agreed to create a temporary mechanism to settle trade disputes after American action rendered the Appellate Body incapable of effective policing world trade.⁶⁹⁶ The nations agreed to preserve the WTO's two-step dispute system until the Appellate Body becomes functional again.⁶⁹⁷

On 24 January 2019, Australia, Japan, and Singapore hosted an informal meeting to discuss electronic commerce negotiations.⁶⁹⁸ The countries discussed building up momentum in the negotiations into

⁶⁸⁹ Australia advances its commitment to aid for trade, Minister for Trade, Tourism and Investment (Canberra) 5 August 2019. Access Date: February 25, 2020. <https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-malaysia-trade-ministers-meeting>

⁶⁹⁰ Australia-Malaysia Trade Ministers' Meeting, Minister for Trade, Tourism and Investment (Canberra) 20 August 2019. Access Date: February 25, 2020. <https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-malaysia-trade-ministers-meeting>

⁶⁹¹ Australia-Malaysia Trade Ministers' Meeting, Minister for Trade, Tourism and Investment (Canberra) 20 August 2019. Access Date: February 25, 2020. <https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-malaysia-trade-ministers-meeting>

⁶⁹² Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁶⁹³ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁶⁹⁴ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁶⁹⁵ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁶⁹⁶ Canada, EU, China, others agree on temporary fix to WTO crisis, AGCanada (Brussels) 25 Jan 2019. Access Date: 23 February 2020. <https://www.agcanada.com/daily/canada-eu-china-others-agree-on-temporary-fix-to-wto-crisis>

⁶⁹⁷ Canada, EU, China, others agree on temporary fix to WTO crisis, AGCanada (Brussels) 25 Jan 2019. Access Date: 23 February 2020. <https://www.agcanada.com/daily/canada-eu-china-others-agree-on-temporary-fix-to-wto-crisis>

⁶⁹⁸ Australia, Japan, and Singapore welcome good progress in WTO electronic commerce negotiations, Minister for Trade, Tourism, and Investment (Davos) 28 Jan 2019. Access Date: 25 February 2020.

and beyond the Twelfth Ministerial Conference in June 2020.⁶⁹⁹ Minister for Trade, Tourism and Investment Simon Birmingham said that the negotiations “promotes digital trade and supports the modern trade needs of businesses, while boosting privacy and other consumer protections.”⁷⁰⁰

Australia has participated in addressing problems with the existing dispute settlement system, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work by accounting for recent technological developments.

Thus, Australia receives a score of +1.

Analyst: Tony Xun

Brazil: +1

Brazil has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 7 October 2019, Brazil presented a proposal to the WTO with recommendations for guidelines and best practices of the use of digital technologies and information and communication technologies.⁷⁰¹ The goal is to demonstrate Brazil’s commitment to keeping the WTO relevant to the nature of 21st-century trade.⁷⁰²

On 16 January 2020, Brazil was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁷⁰³ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁷⁰⁴

On 17 January 2020, the WTO released a report stating that Brazil was in full compliance with the recommendations and rulings of the Dispute Settlement Body in cases filed by the European Union

<https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-japan-and-singapore-welcome-good-progress-wto-electronic-commerce-negotiations>

⁶⁹⁹ Australia, Japan, and Singapore welcome good progress in WTO electronic commerce negotiations, Minister for Trade, Tourism, and Investment (Davos) 28 Jan 2019. Access Date: 25 February 2020.

<https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-japan-and-singapore-welcome-good-progress-wto-electronic-commerce-negotiations>

⁷⁰⁰ Australia, Japan, and Singapore welcome good progress in WTO electronic commerce negotiations, Minister for Trade, Tourism, and Investment (Davos) 28 Jan 2019. Access Date: 25 February 2020.

<https://www.trademinister.gov.au/minister/simon-birmingham/media-release/australia-japan-and-singapore-welcome-good-progress-wto-electronic-commerce-negotiations>

⁷⁰¹ Electronic Commerce in the World Trade Organization- Joint Note of Ministries of Foreign Affairs and Economy, Ministry of Foreign Relations (Brasilia) 11 October 2020. Access Date: 9 February 2020.

<http://www.itamaraty.gov.br/pt-BR/notas-a-imprensa/20978-comercio-eletronico-na-organizacao-mundial-do-comercio-nota-conjunta-dos-ministerios-das-relacoes-exterieiros-e-da-economia>

⁷⁰²Electronic Commerce in the World Trade Organization- Joint Note of Ministries of Foreign Affairs and Economy, Ministry of Foreign Relations (Brasilia) 11 October 2020. Access Date: 9 February 2020.

<http://www.itamaraty.gov.br/pt-BR/notas-a-imprensa/20978-comercio-eletronico-na-organizacao-mundial-do-comercio-nota-conjunta-dos-ministerios-das-relacoes-exterieiros-e-da-economia>

⁷⁰³ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020.

https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷⁰⁴ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020.

https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

and Japan, both of which concerned taxation of trade.⁷⁰⁵ The implementation was completed by 31 December 2019.⁷⁰⁶

On 24 January 2020, Brazil was among 15 other countries and the European Union that agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁷⁰⁷ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁷⁰⁸

Brazil has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO's regular bodies and improving the WTO's negotiating work.

Thus, Brazil receives a score of +1.

Analyst: Joy Fan

Canada: 0

Canada has partly complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 25 August 2019, Canada formalized an agreement with the European Union to set up a substitute appeals body for trade disputes between each other.⁷⁰⁹ Canada and the EU are working around the United States' refusal to allow new appointments in WTO's Appellate Body by agreeing to take appeals to three-member panels made up of people who used to sit on the WTO's Appellate Body.⁷¹⁰

On 4 September 2019, Canada introduced a concept paper at the WTO titled “Preventing the Use of Personal Information from being used for the Discrimination or Persecution of Natural Persons.”⁷¹¹ It aims to protect personal information from being used for purposes of discrimination or persecution in digital trade.⁷¹² This initiative was intended to facilitate improved economic

⁷⁰⁵ Brazil — Certain Measures Concerning Taxation and Charges — Status report regarding implementation of the DSB recommendations and rulings by Brazil — Addendum, World Trade Organization (Geneva) 17 January 2020. Access Date: 9 February 2020. https://www.wto.org/english/tratop_e/dispu_e/cases_e/ds472_e.htm

⁷⁰⁶ Brazil — Certain Measures Concerning Taxation and Charges — Status report regarding implementation of the DSB recommendations and rulings by Brazil — Addendum, World Trade Organization (Geneva) 17 January 2020. Access Date: 9 February 2020. https://www.wto.org/english/tratop_e/dispu_e/cases_e/ds472_e.htm

⁷⁰⁷ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁷⁰⁸ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁷⁰⁹ Canada and Europe make deal to work around blocked World Trade Organization, CBC (Montreal) 25 July 2019. Access Date: 20 February 2020. <https://www.cbc.ca/news/politics/canada-europe-world-trade-organization-1.5225331>

⁷¹⁰ Canada and Europe make deal to work around blocked World Trade Organization, CBC (Montreal) 25 July 2019. Access Date: 20 February 2020. <https://www.cbc.ca/news/politics/canada-europe-world-trade-organization-1.5225331>

⁷¹¹ WTO Joint Statement Initiative on Electronic Commerce, Global Affairs Canada (Ottawa) 5 September 2019. Access Date: 23 February 2020. <https://www.international.gc.ca/trade-agreements-accords-commerciaux/topics-domaines/other-autre/statement-concept-ecom-declaration-reflexion-09.aspx?lang=eng>

⁷¹² WTO Joint Statement Initiative on Electronic Commerce, Global Affairs Canada (Ottawa) 5 September 2019. Access date: February 23, 2020. <https://www.international.gc.ca/trade-agreements-accords-commerciaux/topics-domaines/other-autre/statement-concept-ecom-declaration-reflexion-09.aspx?lang=eng>

opportunities in the digital trading environment and seek the confidence of consumers in the digital economy.⁷¹³

On 12 September 2019, Canada filed a WTO dispute complaint against China's restriction on canola seed imports.⁷¹⁴ The Canadian government claims that the enhanced inspections of imports and the suspension of imports by two Canadian companies violate China's trade obligations.⁷¹⁵

On 10 December 2019, Canada signed the United States–Mexico–Canada Agreement.⁷¹⁶ The trade agreement is meant to improve the perceived deficiencies with the previous North American Free Trade Agreement by including measures like enforceable labour standards and stronger environmental protections.⁷¹⁷

On 16 January 2020, Canada was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁷¹⁸ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁷¹⁹

On 24 January 2020, Canada and 16 other countries agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁷²⁰ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁷²¹

Canada has participated in resolving the current Appellate Body impasse, and improving the WTO's negotiating work regarding digital trade, but not on strengthening the work of the WTO's regular bodies in the evidence above.

Thus, Canada receives a score of 0.

Analyst: Tony Xun

⁷¹³ WTO Joint Statement Initiative on Electronic Commerce, Global Affairs Canada (Ottawa) 5 September 2019. Access Date: February 23, 2020. <https://www.international.gc.ca/trade-agreements-accords-commerciaux/topics-domaines/other-autre/statement-concept-ecom-declaration-reflexion-09.aspx?lang=eng>

⁷¹⁴ Canada files WTO dispute complaint against Chinese import restrictions on canola seed, WTO (Geneva) 12 September 2019. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/ds589rfc_12sep19_e.htm

⁷¹⁵ Canada files WTO dispute complaint against Chinese import restrictions on canola seed, WTO (Geneva) 12 September 2019. Access Date: 3 April 2020. https://www.wto.org/english/news_e/news19_e/ds589rfc_12sep19_e.htm

⁷¹⁶ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁷¹⁷ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁷¹⁸ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷¹⁹ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷²⁰ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁷²¹ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

China: +1

China has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 21 August 2019, Chinese Foreign Minister Wang Yi met with representatives from Korea and Japan and offered to mediate the trade conflict between the two countries.⁷²² By doing so, China aims to advance negotiations on a trilateral trade agreement between the three countries.⁷²³

On 6 November 2019, China held an informal WTO Ministerial Meeting in Shanghai, presided over by Chinese Minister of Commerce Zhong Shan.⁷²⁴ The aim of the meeting was for all parties to share views on “firmly [supporting] the multilateral trading system, resolutely oppose unilateralism and protectionism, actively participate in the necessary reform of the WTO, safeguard the core values of the WTO, promote the success of the 12th WTO Ministerial Conference, and enhance the WTO’s confidence.”⁷²⁵

On 13 December 2019, China and the United States agreed to the contents of a phase-one trade agreement.⁷²⁶ This agreement addresses rising tariffs and contains provisions on “intellectual property rights, technology transfer, food and agricultural products, financial services, exchange rate and transparency, trade expansion, bilateral assessment and dispute settlement, and the final terms” to promote and improve the two nations’ economic and trade relations and global stability.⁷²⁷

On 15 January 2020, Vice-Premier of China Liu He signed the phase-one trade deal alongside United States President Donald Trump, ending a months-long “trade war” between the two nations.⁷²⁸ The trade deal aims

to advance bilateral trade and economic development between the two countries and promotes mutual cooperation to serve the interests of consumers and producers globally.⁷²⁹

On 16 January 2020, China was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁷³⁰ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁷³¹

⁷²² Chinese Foreign Minister Wang Yi offers to help Japan and South Korea to settle trade dispute, South China Morning Post (Hong Kong) 21 August 2019. Access Date: 7 February 2020. <https://www.scmp.com/news/china/diplomacy/article/3023738/chinese-foreign-minister-wang-yi-urges-japan-and-south-korea>

⁷²³ Chinese Foreign Minister Wang Yi offers to help Japan and South Korea to settle trade dispute, South China Morning Post (Hong Kong) 21 August 2019. Access Date: 7 February 2020. <https://www.scmp.com/news/china/diplomacy/article/3023738/chinese-foreign-minister-wang-yi-urges-japan-and-south-korea>

⁷²⁴ Informal WTO ministerial meeting held in Shanghai successfully, Ministry of Commerce People’s Republic of China (Beijing) 5 November 2019. Access Date: 7 February 2020.

<http://english.mofcom.gov.cn/article/newsrelease/significantnews/201911/20191102913782.shtml>

⁷²⁵ Informal WTO ministerial meeting held in Shanghai successfully, Ministry of Commerce People’s Republic of China (Beijing) 5 November 2019. Access Date: 7 February 2020.

<http://english.mofcom.gov.cn/article/newsrelease/significantnews/201911/20191102913782.shtml>

⁷²⁶ China, US agree on text of phase one trade deal, The People’s Republic of China (Beijing) 13 December 2019. Access Date: 7 February 2020. http://english.www.gov.cn/news/topnews/201912/13/content_WS5df3b07ec6d0bcf8c4c18d04.html

⁷²⁷ China, US agree on text of phase one trade deal, The People’s Republic of China (Beijing) 13 December 2019. Access Date: 7 February 2020. http://english.www.gov.cn/news/topnews/201912/13/content_WS5df3b07ec6d0bcf8c4c18d04.html

⁷²⁸ China-US phase one trade deal has bearing on world peace, prosperity, says vice-premier, The Republic of China (Beijing) 16 Jan 2020. Access Date: 7 February 2020.

http://english.www.gov.cn/statecouncil/liuhe/202001/16/content_WS5e1fc831c6d0891feec0252e.html

⁷²⁹ China-US phase one trade deal has bearing on world peace, prosperity, says vice-premier, The Republic of China (Beijing) 16 January 2020. Access Date: 7 February 2020.

http://english.www.gov.cn/statecouncil/liuhe/202001/16/content_WS5e1fc831c6d0891feec0252e.html

On 24 January 2020, China was among 15 other countries and the European Union that agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁷³² It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁷³³

On 18 February 2020, China's Ministry of Commerce issued the "Circular on Stabilizing Foreign Trade and Investment and Stimulating Consumption in Response to the Novel Coronavirus Pneumonia," to aid in stimulating foreign trade during the coronavirus outbreak.⁷³⁴ It encourages governments to "communicate closely with foreign investors, accelerate their approvals for import and export licensing, and help them resume operations," and emphasizes the need for e-commerce service development for foreign trade.⁷³⁵

China has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO's regular bodies and improving the WTO's negotiating work.

Thus, China receives a score of +1.

Analyst: Vanessa Li

France: 0

France has partially complied with its commitment to reaffirm its "support for the necessary reform of the World Trade Organization (WTO) to improve its functions."

On 6 November 2019, Chinese Premier Li Keqiang and Emmanuel Macron met to discuss continued bilateral cooperation that will have positive global effects.⁷³⁶ During the meeting, they reaffirmed the need for a coordinated stance on the reform of the WTO in order to promote free

⁷³⁰ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CataloguedList=260555,260554,259466,259467&CurrentCataloguedIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷³¹ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CataloguedList=260555,260554,259466,259467&CurrentCataloguedIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷³² Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 09 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁷³³ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 09 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁷³⁴ Support for Foreign-Invested Enterprises in China to Cope With Coronavirus, Reach Further 5 March 2020. Access Date: 20 March 2020. <https://www.eastwestbank.com/ReachFurther/en/News/Article/Support-for-Foreign-Invested-Enterprises-in-China-to-Cope-with-Coronavirus>

⁷³⁵ Support for Foreign-Invested Enterprises in China to Cope With Coronavirus, Reach Further 5 March 2020. Access Date: 20 March 2020. <https://www.eastwestbank.com/ReachFurther/en/News/Article/Support-for-Foreign-Invested-Enterprises-in-China-to-Cope-with-Coronavirus>

⁷³⁶ Li Keqiang Meets with President Emmanuel Macron of France, Ministry of Foreign Affairs of the People's Republic of China (Beijing) 6 November 2019. Access Date: 8 February 2020. https://www.fmprc.gov.cn/mfa_eng/zxxx_662805/t1714263.shtml

trade.⁷³⁷ Both countries stressed the necessity to tackle climate change, as well as strengthening relations in the agricultural and energy sector.⁷³⁸

On 20 January 2020, United States President Donald Trump and French President Emmanuel Macron announced a truce to a digital tax dispute in which the US administration threatened tariff retaliation on French goods.⁷³⁹ Both countries stressed the importance of avoiding tariff escalation for the betterment of both nations.⁷⁴⁰ This truce follows an 8 December 2019 statement by Finance Minister Bruno Le Maire that France was willing to launch a WTO dispute over proposed US retaliatory tariffs.⁷⁴¹

On 28 February 2020, the United States and France agreed to a continued truce on the digital services tax until the end of the calendar year.⁷⁴² This is to allow “broader tax reforms” to take place through the Organisation for Economic Co-operation and Development, that should result in equitable taxation and no further filings of WTO disputes on potential US tariffs.⁷⁴³

France has participated in both strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work through discussions with China and cooperation with the United States in the global trade system. However, France has yet to address the dispute settlement system.

Thus, France receives a score of 0.

Analyst: Khalil Khalifa

Germany: +1

Germany has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 1 October 2019, German Chancellor Angela Merkel hosted a meeting in Berlin attended by WTO Director-General Roberto Azevêdo to discuss ways to strengthen multilateralism and international cooperation to improve prospects for inclusive and sustainable growth.⁷⁴⁴ The heads of

⁷³⁷ Li Keqiang Meets with President Emmanuel Macron of France, Ministry of Foreign Affairs of the People’s Republic of China (Beijing) 6 November 2019. Access Date: 8 February 2020.

https://www.fmprc.gov.cn/mfa_eng/zxxx_662805/t1714263.shtml

⁷³⁸ Li Keqiang Meets with President Emmanuel Macron of France, Ministry of Foreign Affairs of the People’s Republic of China (Beijing) 6 November 2019. Access Date: 8 February 2020.

https://www.fmprc.gov.cn/mfa_eng/zxxx_662805/t1714263.shtml

⁷³⁹ France and U.S. Move Toward Temporary Truce in Trade War, New York Times (Paris) 20 January 2020. Access Date: 2 February 2020. <https://www.nytimes.com/2020/01/21/business/france-US-digital-tax.html>

⁷⁴⁰ France and U.S. Move Toward Temporary Truce in Trade War, New York Times (Paris) 20 January 2020. Access Date: 2 February 2020. <https://www.nytimes.com/2020/01/21/business/france-US-digital-tax.html>

⁷⁴¹ France willing to take Trump to WTO over proposed tariffs, EuroNews (Paris) 8 December 2019. Access Date: 23 February 2020. <https://www.euronews.com/2019/12/08/france-willing-to-take-trump-to-wto-over-proposed-tariffs>

⁷⁴² USTR vows to push for trade deals with Britain, EU; seeks reforms at WTO, Reuters (Washington) 28 February 2020. Access Date: 20 March 2020. <https://www.reuters.com/article/us-usa-trade/ustr-vows-to-push-for-trade-deals-with-britain-eu-seeks-reforms-at-wto-idUSKCN20M3BN>

⁷⁴³ USTR vows to push for trade deals with Britain, EU; seeks reforms at WTO, Reuters (Washington) 28 February 2020. Access Date: 20 March 2020. <https://www.reuters.com/article/us-usa-trade/ustr-vows-to-push-for-trade-deals-with-britain-eu-seeks-reforms-at-wto-idUSKCN20M3BN>

⁷⁴⁴ Chancellor Merkel, DG Azevêdo and other agency heads discuss challenges of multilateralism, World Trade Organization (Geneva) 1 October 2019. Access Date: February 15, 2020.

https://www.wto.org/english/news_e/news19_e/dgra_01oct19_e.htm

the International Labour Organization, International Monetary Fund, Organisation for Economic Co-operation and Development and the World Bank also attended the gathering.⁷⁴⁵

On 11 December 2019, Germany announced that it is aiming to find a permanent solution for the composition of the WTO's Appellate Body.⁷⁴⁶ The Appellate Body needs a minimum of three judges to function but the terms of two of the three remaining members of the appeals panel expired on Tuesday without replacements due to a blocking strategy by the United States.⁷⁴⁷ A foreign ministry spokeswoman had earlier said Germany would work with the European Union to devise a temporary solution and she hoped a permanent solution could be found before a WTO ministerial conference in June.⁷⁴⁸

On 13 December 2019, Germany gave EUR1 million to the WTO's Doha Development Agenda Global Trust Fund in order to help developing countries enhance their negotiating skillset.⁷⁴⁹ The money will be used to help developing and least-developed countries implement WTO agreements and to increase their trade negotiating skills.⁷⁵⁰

On 17 December 2019, Germany gave EUR1.3 million to the Enhanced Integrated Framework (EIF) for 2020 to help spur trade growth across the world's poorest countries.⁷⁵¹ An agreement was signed on 17 December 2019 at the WTO by Germany's Deputy Permanent Representative to the WTO, Hans-Peter Jugel, and William Axelsson, Deputy Director of the United Nations Office for Project Services, which manages the EIF's Trust Fund.⁷⁵²

Germany has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO's regular bodies and improving the WTO's negotiating work.

Thus, Germany receives a score of +1.

Analyst: Daniel Scarpitti

India: +1

India has fully complied with its commitment to reaffirm its "support for the necessary reform of the World Trade Organization (WTO) to improve its functions."

⁷⁴⁵ Chancellor Merkel, DG Azevêdo and other agency heads discuss challenges of multilateralism, World Trade Organization (Geneva) 1 October 2019. Access Date: February 15, 2020.
https://www.wto.org/english/news_e/news19_e/dgra_01oct19_e.htm

⁷⁴⁶ Germany wants solution for WTO appeals panel by June: spokeswoman, Thomson Reuters (Berlin) 11 December 2019. Access Date: February 15, 2020. <https://www.reuters.com/article/us-trade-wto-germany/germany-wants-to-find-solution-on-wto-appellate-body-by-june-spokeswoman-idUSKBN1YF1N0>

⁷⁴⁷ Germany wants solution for WTO appeals panel by June: spokeswoman, Thomson Reuters (Berlin) 11 December 2019. Access Date: February 15, 2020. <https://www.reuters.com/article/us-trade-wto-germany/germany-wants-to-find-solution-on-wto-appellate-body-by-june-spokeswoman-idUSKBN1YF1N0>

⁷⁴⁸ Germany wants solution for WTO appeals panel by June: spokeswoman, Thomson Reuters (Berlin) 11 December 2019. Access Date: February 15, 2020. <https://www.reuters.com/article/us-trade-wto-germany/germany-wants-to-find-solution-on-wto-appellate-body-by-june-spokeswoman-idUSKBN1YF1N0>

⁷⁴⁹ Germany gives EUR 1 million to help developing countries enhance negotiating skill-set, World Trade Organization (Geneva) 13 December 2019. Access Date: February 15, 2020. https://www.wto.org/english/news_e/pres19_e/pr846_e.htm

⁷⁵⁰ Germany gives EUR 1 million to help developing countries enhance negotiating skill-set, World Trade Organization (Geneva) 13 December 2019. Access Date: February 15, 2020. https://www.wto.org/english/news_e/pres19_e/pr846_e.htm

⁷⁵¹ Germany commits EUR 1.3 million to support trade initiatives in world's poorest countries, World Trade Organization (Geneva) 17 December 2019. Access Date: February 15, 2020. https://www.wto.org/english/news_e/news19_e/if_17dec19_e.htm

⁷⁵² Germany commits EUR 1.3 million to support trade initiatives in world's poorest countries, World Trade Organization (Geneva) 17 December 2019. Access Date: February 15, 2020. https://www.wto.org/english/news_e/news19_e/if_17dec19_e.htm

On 26 July 2019, a majority of WTO members endorsed the joint proposal by India, South Africa and seven other countries for reforming the WTO.⁷⁵³ The proposal, based on a concept paper by India, called for the resolution of the impasse over appointments to the Appellate Body.⁷⁵⁴ Further, it called for prohibiting unilateral trade measures and supported “development-centric” changes to strengthen the organization.⁷⁵⁵ The proponents of the plan claimed that it would “bring balance to the on-going discussions on WTO reform by reaffirming the importance of development to the work of this organization.”⁷⁵⁶

On 1 October 2019, the Argentine-India Business Forum was held, where the Secretary for International Economic Relations of the Foreign Ministry, Secretary of Foreign Trade, the President of the Argentine Investment and Trade Promotion Agency, the Indian Ambassador to Argentina and the Argentine Ambassador to India were present.⁷⁵⁷ Meetings were held between Argentinian and Indian companies to discuss potential joint business initiatives.⁷⁵⁸ The forum discussed the economic bilateral relationship between the two members and its challenges.⁷⁵⁹

On 16 January 2020, India was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁷⁶⁰ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁷⁶¹

On 28 January 2020, India called for the elimination of trade distorting subsidies on agriculture during a ministerial meeting in Davos.⁷⁶² Commerce Minister Piyush Goyal spoke on several topics including the fact that the least-developed countries have not achieved a proportionate share of

⁷⁵³ India’s proposal for WTO reforms supported by a large majority of countries, livemint (Geneva) 26 July 2019. Access Date: 9 February 2020. <https://www.livemint.com/news/india/india-s-proposal-for-wto-reforms-supported-by-a-large-majority-of-countries-1564144186373.html>

⁷⁵⁴ India’s proposal for WTO reforms supported by a large majority of countries, livemint (Geneva) 26 July 2019. Access Date: 9 February 2020. <https://www.livemint.com/news/india/india-s-proposal-for-wto-reforms-supported-by-a-large-majority-of-countries-1564144186373.html>

⁷⁵⁵ India’s proposal for WTO reforms supported by a large majority of countries, livemint (Geneva) 26 July 2019. Access Date: 9 February 2020. <https://www.livemint.com/news/india/india-s-proposal-for-wto-reforms-supported-by-a-large-majority-of-countries-1564144186373.html>

⁷⁵⁶ India’s proposal for WTO reforms supported by a large majority of countries, livemint (Geneva) 26 July 2019. Access Date: 9 February 2020. <https://www.livemint.com/news/india/india-s-proposal-for-wto-reforms-supported-by-a-large-majority-of-countries-1564144186373.html>

⁷⁵⁷ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁷⁵⁸ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁷⁵⁹ Business Forum with India to foster trade and investments, Ministry of Foreign Affairs, International Trade and Worship Argentina (Buenos Aires) 1 October 2019. Access Date: 9 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/business-forum-india-foster-trade-and-investments>

⁷⁶⁰ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷⁶¹ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷⁶² India to seek elimination of trade-distorting subsidies on agriculture in WTO, The Indian Express (New Delhi) 28 January 2020. Access date: 10 February 2020. <https://www.newindianexpress.com/business/2020/jan/28/india-to-seek-elimination-of-trade-distorting-subsidies-on-agriculture-in-wto-2095806.html>

global trade and the need for developing countries to have policy flexibility in order to better integrate into global markets.⁷⁶³

On 25 February 2020, India and the United States issued joint statements declaring their intent to pursue a major bilateral trade deal.⁷⁶⁴ Prime Minister Narendra Modi stated that “our commerce ministers have had positive talks on trade. Both of us have decided that our teams should give legal shape to these trade talks.”⁷⁶⁵

On 5 March 2020, India blocked the European Union’s request for the creation of a WTO dispute panel to rule on Indian tariffs on information technology and communications goods.⁷⁶⁶ The EU suggests that the import duties of up to 20 per cent are contrary to WTO free trade commitments.⁷⁶⁷ The EU is expected to request a second time for a dispute panel which will India will be unlikely to be able to block.⁷⁶⁸

Given its involvement in the joint proposal in particular, India has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

Thus, India receives a score of +1.

Analyst: Srijan Sabu

Indonesia: +1

Indonesia has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 14 November 2019, Indonesia co-organized a workshop on “Regulatory frameworks to facilitate trade in services” with Mexico, South Korea, Turkey and Australia, at the WTO.⁷⁶⁹ The workshop discussed “the need for more transparent and predictable domestic regulations to help enhance

⁷⁶³ India to seek elimination of trade-distorting subsidies on agriculture in WTO, The Indian Express (New Delhi) 28 January 2020. Access date: 10 February 2020. <https://www.newindianexpress.com/business/2020/jan/28/india-to-seek-elimination-of-trade-distorting-subsidies-on-agriculture-in-wto-2095806.html>

⁷⁶⁴ Modi-Trump talks: India, US negotiation on big trade deal, Live Mint (New Delhi) 5 February 2020. Access Date: 19 March 2020. <https://www.livemint.com/news/india/modi-trump-talks-india-us-negotiations-on-big-trade-deal-soon-11582618666817.html>

⁷⁶⁵ Modi-Trump talks: India, US negotiation on big trade deal, Live Mint (New Delhi) 5 February 2020. Access Date: 19 March 2020. <https://www.livemint.com/news/india/modi-trump-talks-india-us-negotiations-on-big-trade-deal-soon-11582618666817.html>

⁷⁶⁶ India blocks first request by EU at WTO for dispute panel on ICT import duties, The Hindu Business Line (Geneva) 5 March 2020. Access date: 19 March 2020. <https://www.thehindubusinessline.com/economy/india-blocks-first-request-by-eu-at-wto-for-dispute-panel-on-ict-import-duties/article30992950.ece>

⁷⁶⁷ India blocks first request by EU at WTO for dispute panel on ICT import duties, The Hindu Business Line (Geneva) 5 March 2020. Access date: 19 March 2020. <https://www.thehindubusinessline.com/economy/india-blocks-first-request-by-eu-at-wto-for-dispute-panel-on-ict-import-duties/article30992950.ece>

⁷⁶⁸ India blocks first request by EU at WTO for dispute panel on ICT import duties, The Hindu Business Line (Geneva) 5 March 2020. Access date: 19 March 2020. <https://www.thehindubusinessline.com/economy/india-blocks-first-request-by-eu-at-wto-for-dispute-panel-on-ict-import-duties/article30992950.ece>

⁷⁶⁹ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

productivity in services and for efficient services to strengthen developing countries' connectivity to the global economy.”⁷⁷⁰

On 16 December 2019, Indonesia filed a complaint against the European Union, regarding an inconsistency with the WTO’s Agreement on Technical Barriers to Trade, the 1994 General Agreement on Tariffs and Trade, and the Agreement on Subsidies and Countervailing Measures.⁷⁷¹

On 16 January 2020, Indonesia reaffirmed its commitment to the rulings of the Dispute Settlement Body and implementations of appropriate changes following a successful US complaint regarding restrictions on the importation of horticultural and animal products.⁷⁷²

On 16 January 2020, Indonesia was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁷⁷³ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁷⁷⁴

On 30 January 2020, Indonesia represented itself and the other countries of the Group of 33 on a new submission to the Special Safeguard Mechanism requesting that the WTO work together to reach an agreement to address inequalities from the Uruguay Round Agreement on Agriculture.⁷⁷⁵ The goal of the mechanism is to create an equitable playing field for agricultural producers in developing countries.⁷⁷⁶

Indonesia has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies in following due process and using the Dispute Settlement Body to reach an agreement and has also participated in improving the WTO’s negotiating work in its submission to the Special Safeguard Mechanism regarding the Agreement on Agriculture.

Thus, Indonesia receives a score of +1.

Analyst: Joy Fan

⁷⁷⁰ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁷⁷¹ European Union — Certain Measures concerning Palm Oil and Oil Palm Crop-Based Biofuels — Request for consultations by Indonesia, World Trade Organization (Geneva) 16 December 2019. Access Date: 9 February 2020. https://www.wto.org/english/tratop_e/dispu_e/cases_e/ds593_e.htm

⁷⁷² Indonesia — Importation of Horticultural Products, Animals and Animal Products — Status report regarding implementation of the DSB recommendations and rulings by Indonesia — Addendum, World Trade Organization (Geneva) 17 January 2020. Access Date: 09 February 2020. https://www.wto.org/english/tratop_e/dispu_e/cases_e/ds478_e.htm

⁷⁷³ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷⁷⁴ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁷⁷⁵ Committee on Agriculture — Special Session — Reaffirming multilateralism and development for MC12: Special Safeguard Mechanism (SSM), World Trade Organization (Geneva) 30 January 2020. Access Date: 09 February 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S006-1.aspx?Id=260757&IsNotification=False

⁷⁷⁶ Chair confident of making progress on agriculture talks ahead of Ministerial Conference, World Trade Organization (Geneva) 31 January 2020. Access Date: 09 February 2020. https://www.wto.org/english/news_e/news20_e/agri_31jan20_e.htm

Italy: 0

Italy has partially complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 16 October 2019, United States President Donald Trump and Italian President Sergio Mattarella announced their intention to cooperate on trade issues and avoid Italian retaliatory tariffs for US tariffs that was cleared by the WTO on Italian goods.⁷⁷⁷ Both countries discussed reworking Italy’s European Union barriers to avoid increasing tariffs and promote unrestricted and multilateral trade.⁷⁷⁸

On 23 November 2019, foreign ministers from the G20, including Italy’s Minister of Foreign Affairs Luigi Di Maio, agreed on the “urgent” need to reform the WTO.⁷⁷⁹ In order to address the key issues of the WTO, Sergio Mattarella and other G20 leaders proposed and agreed to promoting free trade to combat the downside risks facing the global economy.⁷⁸⁰

On 20 February 2020, Undersecretary of State Ivan Scalfarotto met with French Minister of State attached to the Minister for Europe and Foreign Affairs Jean-Baptiste Lemoyne to discuss WTO reform and European Union trade interests.⁷⁸¹ The aim is to solidify relations and increase cooperation with an eye towards the WTO Ministerial Conference in June.⁷⁸²

Italy has strengthened the work of the WTO and improved the organization’s negotiating work through bilateral agreements with the United States and in participating in reform discussion within the G20. However, it has not taken action to address the dispute settlement system.

Thus, Italy receives a score of 0.

Analyst: Khalil Khalifa

Japan: +1

Japan has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 11 December 2019, Japan’s Minister of Economy, Trade and Industry Hiroshi Kajiyama and Foreign Minister Toshimitsu Motegi issued statements on the WTO Appellate Body and WTO

⁷⁷⁷ Trump upbeat on trade talks with EU, hints at reprieve for some duties on Italian products, Reuters (Washington) 16 October 2019. Access Date: 6 February 2020. <https://www.reuters.com/article/us-usa-trade-italy/trump-upbeat-on-trade-talks-with-eu-hints-at-reprieve-for-some-duties-on-italian-products-idUSKBN1WV217>

⁷⁷⁸ Trump upbeat on trade talks with EU, hints at reprieve for some duties on Italian products, Reuters (Washington) 16 October 2019. Access Date: 6 February 2020. <https://www.reuters.com/article/us-usa-trade-italy/trump-upbeat-on-trade-talks-with-eu-hints-at-reprieve-for-some-duties-on-italian-products-idUSKBN1WV217>

⁷⁷⁹ G-20 foreign ministers agree WTO reforms "urgent" amid trade war, Kyodo (Nagoya) 23 November 2019. Access Date: 4 February 2020. <https://asia.nikkei.com/Politics/International-relations/G-20-foreign-ministers-agree-WTO-reforms-urgent-amid-trade-war>

⁷⁸⁰ G-20 foreign ministers agree WTO reforms "urgent" amid trade war, Kyodo (Nagoya) 23 November 2019. Access Date: 4 February 2020. <https://asia.nikkei.com/Politics/International-relations/G-20-foreign-ministers-agree-WTO-reforms-urgent-amid-trade-war>

⁷⁸¹ Italy — Meeting between Jean-Baptiste Lemoyne and his Italian counterpart, France Diplomatie Ministry for Europe and Foreign Affairs (Paris) 20 February 2020. Access Date: 20 March 2020. <https://www.diplomatie.gouv.fr/en/country-files/italy/events/article/italy-meeting-between-jean-baptiste-le moyne-and-his-italian-counterpart-paris>

⁷⁸² Italy — Meeting between Jean-Baptiste Lemoyne and his Italian counterpart, France Diplomatie Ministry for Europe and Foreign Affairs (Paris) 20 February 2020. Access Date: 20 March 2020. <https://www.diplomatie.gouv.fr/en/country-files/italy/events/article/italy-meeting-between-jean-baptiste-le moyne-and-his-italian-counterpart-paris>

reform.⁷⁸³ They emphasize Japan's contributions to initiatives of WTO reform, including co-chairing negotiations around updating WTO's regulations on the digital economy, and their promotion of the "Osaka Track" launched at the G20 Osaka Summit.⁷⁸⁴ Furthermore, they stress the importance of resolving the current impasse over appointments to the WTO's Appellate Body, referencing their April 2019 proposal on the subject.⁷⁸⁵

On 1 January 2020, a trade deal between the United States and Japan went into effect to reduce or eliminate tariffs on USD7.2 billion of American exports and lowering tariffs on Japanese industrial products.⁷⁸⁶ Japan and the United States plan to enter into another round of negotiations to further increase free trade between the two countries.⁷⁸⁷

On 14 January 2020, the trade ministers of Japan, the United States and the European Union issued a joint statement where they stated that current WTO rules are "insufficient to tackle market and trade distorting subsidization existing in certain jurisdictions."⁷⁸⁸ They also stated opposition to the WTO's classification of certain countries as developing countries.⁷⁸⁹

On 1 February 2020, Japan and the European Union entered into an Economic Partnership Agreement.⁷⁹⁰ The trade agreement "removes tariffs and other trade barriers and creates a platform to cooperate in order to prevent obstacles to trade, and helps [them] shape global trade rules in line with [their] high standards and shared values, and sends a powerful signal that two of the world's biggest economies reject protectionism."⁷⁹¹

On 7 and 10 February 2020, Japan launched two complaints at the WTO regarding the alleged illegal funding of commercial shipbuilders by Korea.^{792,793}

⁷⁸³ Statement by Minister Kajiyama on the WTO Appellate Body, Ministry of Foreign Affairs (Tokyo) 11 December 2019. Access Date: 7 February 2020. https://www.meti.go.jp/english/speeches/ministers_statements/2019/20191211_01.html

⁷⁸⁴ Paralysis of the WTO's Appellate Body and WTO Reform (Statement by Foreign Minister MOTEGI Toshimitsu), Ministry of Foreign Affairs (Tokyo) 11 December 2019. Access Date: 7 February 2020. https://www.mofa.go.jp/press/release/press1e_000140.html

⁷⁸⁵ Paralysis of the WTO's Appellate Body and WTO Reform (Statement by Foreign Minister MOTEGI Toshimitsu), Ministry of Foreign Affairs (Tokyo) 11 December 2019. Access Date: 7 February 2020. https://www.mofa.go.jp/press/release/press1e_000140.html

⁷⁸⁶ U.S. to get greater access to Japan agriculture market as trade deal takes effect, The Japan Times (New York) 31 December 2019. Access Date: 7 February 2020. <https://www.japantimes.co.jp/news/2019/12/31/business/us-japan-trade-deal/#.Xj4V3BNKj6Y>

⁷⁸⁷ U.S. to get greater access to Japan agriculture market as trade deal takes effect, The Japan Times (New York) 31 December 2019. Access Date: 7 February 2020. <https://www.japantimes.co.jp/news/2019/12/31/business/us-japan-trade-deal/#.Xj4V3BNKj6Y>

⁷⁸⁸ Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access Date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>

⁷⁸⁹ Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access Date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>

⁷⁹⁰ EU-Japan Economic Partnership Agreement, European Commission (Brussels) 31 January 2020. Access Date: 7 February 2020. <https://ec.europa.eu/trade/policy/in-focus/eu-japan-economic-partnership-agreement/>

⁷⁹¹ EU-Japan Economic Partnership Agreement, European Commission (Brussels) 31 January 2020. Access Date: 7 February 2020. <https://ec.europa.eu/trade/policy/in-focus/eu-japan-economic-partnership-agreement/>

⁷⁹² Japan's WTO petition over South Korea shipbuilding signals renewed tensions, The Japan Times (Geneva) 3 February 2020. Access Date: 7 February 2020. <https://www.japantimes.co.jp/news/2020/02/03/business/japan-wto-south-korean-shipbuilding/#.Xj4bBhNKj6Y>

On 11 March 2020, trade talks between Japan and Korea concerned with their trade dispute concluded without reaching a deal.⁷⁹⁴ Korea called for Japan to “return its trade regulations to the levels before July” 2019, in response to its augmentation of export controls through hiring 25 per cent more staff for the Korean Security Agency of Trade and Industry.⁷⁹⁵ Both Japan and Korea suspended visa-waivers between the two countries in response to the COVID-19 pandemic.⁷⁹⁶

On 19 March 2020, Japan requested that the WTO establish a panel on India’s increase in tariffs on products related to information and communications technologies (ICT) after bilateral consultations with India did not result in the removal of the tariffs.⁷⁹⁷ India had previously agreed to zero tariffs but has increased tariffs on ICT products six times between 2014 and 2019.⁷⁹⁸

Japan has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

Thus, Japan receives a score of +1.

Analyst: Quinn Teague-Colfer

Korea: +1

Korea has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 4 November 2019, President Moon Jae-in met with nations participating in the Regional Comprehensive Economic Partnership (RCEP), the world’s largest free trade agreement, during negotiations in Bangkok, Thailand.⁷⁹⁹ President Moon delivered a speech that emphasized the value of free trade between nations and further economic cooperation.⁸⁰⁰

On 14 November 2019, Korea co-organized a workshop on “Regulatory frameworks to facilitate trade in services” with Indonesia, Mexico, Turkey and Australia, at the WTO.⁸⁰¹ The workshop

⁷⁹³ Japan takes second complaint to WTO over South Korean shipbuilding, The Japan Times (Tokyo) 11 February 2020. Access Date: 22 March 2020. <https://www.japantimes.co.jp/news/2020/02/11/national/japan-second-complaint-wto-south-korea-shipbuilding/#.XngOOJNKj6Y>

⁷⁹⁴ Korea, Japan end marathon trade talks with no deal, The Korea Times (Seoul) 11 March 2020. Access Date: 22 March 2020. http://www.koreatimes.co.kr/www/nation/2020/03/120_285974.html

⁷⁹⁵ Korea, Japan end marathon trade talks with no deal, The Korea Times (Seoul) 11 March 2020. Access Date: 22 March 2020. http://www.koreatimes.co.kr/www/nation/2020/03/120_285974.html

⁷⁹⁶ Korea, Japan end marathon trade talks with no deal, The Korea Times (Seoul) 11 March 2020. Access Date: 22 March 2020. http://www.koreatimes.co.kr/www/nation/2020/03/120_285974.html

⁷⁹⁷ Japan Requests the Establishment of a Panel under the WTO Agreement Regarding India’s Measures Concerning Tariff Increase on ICT Products, Ministry of Economy, Trade and Industry (Tokyo) 19 March 2020. Access Date: 22 March 2020. https://www.meti.go.jp/english/press/2020/0319_001.html

⁷⁹⁸ Japan Requests the Establishment of a Panel under the WTO Agreement Regarding India’s Measures Concerning Tariff Increase on ICT Products, Ministry of Economy, Trade and Industry (Tokyo) 19 March 2020. Access Date: 22 March 2020. https://www.meti.go.jp/english/press/2020/0319_001.html

⁷⁹⁹ World’s biggest free trade deal concluded at RCEP summit, Government of Korea (Seoul) 5 November 2019. Access Date: 7 February 2020. <http://www.korea.net/Government/Current-Affairs/Foreign-Affairs/view?affairId=1981&subId=1766&articleId=178832&viewId=51510>

⁸⁰⁰ World’s biggest free trade deal concluded at RCEP summit, Government of Korea (Seoul) 5 November 2019. Access Date: 7 February 2020. <http://www.korea.net/Government/Current-Affairs/Foreign-Affairs/view?affairId=1981&subId=1766&articleId=178832&viewId=51510>

⁸⁰¹ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

discussed “the need for more transparent and predictable domestic regulations to help enhance productivity in services and for efficient services to strengthen developing countries’ connectivity to the global economy.”⁸⁰²

On 22 December 2019, Trade, Industry and Energy Minister Sung Yun-mo met with Chinese and Japanese trade ministers in Beijing to reaffirm their support for a trilateral free-trade deal.⁸⁰³ Additionally, they agreed to continue their joint efforts to deliver the RCEP trade deal, support reform of the WTO, and successfully develop a multilateral global trade system.⁸⁰⁴

On 16 January 2020, Korea was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁸⁰⁵ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁸⁰⁶

On 24 January 2020, Korea was among 15 other countries and the European Union that agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁸⁰⁷ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁸⁰⁸

On 10 March 2020, Korean Ministry of Trade, Industry and Energy Director General Lee Ho-hyun held a teleconference with Yoichi Iida, Japan’s head of the trade control department at the Ministry of Economy, Trade and Industry.⁸⁰⁹ Both countries agreed to further discussions on resolving bilateral tensions due to trade export controls placed on each other.⁸¹⁰

Korea has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

⁸⁰² Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁸⁰³ China, Japan, South Korea to push for RCEP signing in 2020, The Straits Times (Singapore) 24 December 2019. Access Date: 7 February 2020. <https://www.straitstimes.com/asia/east-asia/china-japan-south-korea-to-push-for-rcep-signing-in-2020>

⁸⁰⁴ China, Japan, South Korea to push for RCEP signing in 2020, The Straits Times (Singapore) 24 December 2019. Access Date: 7 February 2020. <https://www.straitstimes.com/asia/east-asia/china-japan-south-korea-to-push-for-rcep-signing-in-2020>

⁸⁰⁵ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁸⁰⁶ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁸⁰⁷ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: February 09, 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸⁰⁸ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: February 09, 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸⁰⁹ Japan and South Korea trade officials hold talks on contentious export controls, The Japan Times (Tokyo) 10 March 2020. Access Date: 20 March 2020. <https://www.japantimes.co.jp/news/2020/03/10/business/japan-south-korea-trade-talks/>

⁸¹⁰ Japan and South Korea trade officials hold talks on contentious export controls, The Japan Times (Tokyo) 10 March 2020. Access Date: 20 March 2020. <https://www.japantimes.co.jp/news/2020/03/10/business/japan-south-korea-trade-talks/>

Thus, Korea receives a score of +1.

Analyst: Vanessa Li

Mexico: +1

Mexico has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 30 September 2019, Mexico attended the informal meeting of the Council for Trade in Services in Special Session.⁸¹¹ Alongside Australia, Canada, New Zealand and Switzerland, Mexico proposed removing barriers to trade in environmental services including sewage, sanitation, refuse disposal, cleaning of exhaust gases, noise abatement, and environmental protection services.⁸¹² The proposal states that these actions would “reduce the costs of implementing environmental policies and help governments achieve environmental objectives.”⁸¹³

On 14 November 2019, Mexico co-organized a workshop on “Regulatory frameworks to facilitate trade in services” with Indonesia, South Korea, Turkey and Australia, at the WTO.⁸¹⁴ The workshop discussed “the need for more transparent and predictable domestic regulations to help enhance productivity in services and for efficient services to strengthen developing countries’ connectivity to the global economy.”⁸¹⁵

On 10 December 2019, Mexico signed the United States–Mexico–Canada Agreement (USMCA).⁸¹⁶ The trade agreement is meant to improve on the perceived deficiencies with the previous North American Free Trade Agreement by including measures like enforceable labour standards and stronger environmental protections.⁸¹⁷

On 16 January 2020, Mexico was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁸¹⁸ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁸¹⁹

⁸¹¹ WTO members engage in exploratory talks on market access for environmental services, World Trade Organization (Geneva) 30 September 2019. Access Date: 27 August 2020.
https://www.wto.org/english/news_e/news19_e/serv_30sep19_e.htm

⁸¹² WTO members engage in exploratory talks on market access for environmental services, World Trade Organization (Geneva) 30 September 2019. Access Date: 27 August 2020.
https://www.wto.org/english/news_e/news19_e/serv_30sep19_e.htm

⁸¹³ WTO members engage in exploratory talks on market access for environmental services, World Trade Organization (Geneva) 30 September 2019. Access Date: 27 August 2020.
https://www.wto.org/english/news_e/news19_e/serv_30sep19_e.htm

⁸¹⁴ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁸¹⁵ Workshop discusses domestic regulation role in facilitating trade in services, World Trade Organization (Geneva) 14 November 2019. Access Date: 27 August 2020. https://www.wto.org/english/news_e/news19_e/serv_14nov19_e.htm

⁸¹⁶ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁸¹⁷ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁸¹⁸ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020.
https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

On 24 January 2020, Mexico was among 15 other countries and the European Union that agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁸²⁰ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁸²¹

Mexico has participated in addressing the dispute settlement system, specifically resolving the Appellate Body impasses, has strengthened the work of the WTO's regular bodies through the USMCA, and has taken action to improve the WTO's negotiating work by making substantive proposals for trade in environmental services.

Thus, Mexico receives a score of +1.

Analyst: Srijan Sahu

Russia: +1

Russia has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 9 July 2019, Russia initiated a dispute against the anti-dumping duties imposed by the United States on steel imports which is currently in the consultation stage of the WTO dispute mechanism procedure.⁸²²

On 26 November 2019, Russia participated in a meeting of the WTO Agriculture Committee during which Russia proposed a Trade Distorting Support-reducing formula, which was welcomed by WTO members.⁸²³ Since the 2017 Ministerial Conference, this was the first submission to be introduced that was formula-based.⁸²⁴

On 16 January 2020, Russia was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁸²⁵ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁸²⁶

⁸¹⁹ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁸²⁰ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸²¹ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸²² Russia initiates WTO dispute against US dumping duties on steel, World Trade Organization 9 July 2019. Access Date: 7 February 2020. https://www.wto.org/english/news_e/news19_e/ds586rfc_09jul19_e.htm

⁸²³ Agriculture meeting marks “turning point” as negotiations enter decisive stage, chair says, World Trade Organization 26 November 2019. Access Date: 7 February 2020. https://www.wto.org/english/news_e/news19_e/agri_03dec19_e.htm

⁸²⁴ Agriculture meeting marks “turning point” as negotiations enter decisive stage, chair says, World Trade Organization 26 November 2019. Access Date: 7 February 2020. https://www.wto.org/english/news_e/news19_e/agri_03dec19_e.htm

⁸²⁵ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

On 4 February 2020, the WTO decision regarding the Russia-Ukraine rail equipment export dispute was delivered to the public, which Russia has appeared to comply with.⁸²⁷

Russia has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO's regular bodies and improving the WTO's negotiating work.

Thus, Russia receives a score of +1.

Analyst: Fiona Reuter

Saudi Arabia: 0

Saudi Arabia has partially complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 24 October 2019, the Cooperation Council for the Arab States of the Gulf (GCC), of which Saudi Arabia is a member, notified the WTO Committee on Safeguards that the GCC had begun a safeguard investigation into a variety of steel products.⁸²⁸ This partially meets the criteria of upholding the rules-based global trade regime under Action 2 of strengthening the existing work of the WTO as it is a signatory to this initiative.

On 24 January 2020, Saudi Arabia’s Minister of Commerce Majid Al-Qasabi presented the Riyadh Initiative on the Future of the WTO at the Informal WTO Ministerial Gathering.⁸²⁹ The Riyadh Initiative was officially launched under the G20 2020 Riyadh presidency, on March 11, 2020, at the G20 Trade and Investment Working Group’s first meeting, “to provide the political support needed to make progress in the discussions on WTO reforms among all WTO members.”⁸³⁰

Saudi Arabia has partly reinforced the existing work of the WTO. Saudi Arabia has also initiated additionally political support for discussions on WTO reforms under its G20 2020 presidency. However, it is yet to be determined if this Initiative will include addressing the WTO’s dispute settlement system and improving the WTO’s existing work and its negotiating work.

Thus, Saudi Arabia receives a score of 0.

Analyst: Christopher Sims

South Africa: +1

South Africa has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

⁸²⁶ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁸²⁷ WTO Delivers Mixed Ruling in Russia, Ukraine Rail Feud, RadioFreeEurope RadioLiberty (Ukraine) 5 Feb 2020. Access Date: 7 February 2020. <https://www.rferl.org/a/wto-delivers-mixed-ruling-in-russia-ukraine-rail-feud/30418121.html>

⁸²⁸ GCC launches safeguard investigation on certain steel products, WTO (Geneva) 24 October 2019. Access Date: 23 February 2020. https://www.wto.org/english/news_e/news19_e/safe_kwt_25oct19_e.htm

⁸²⁹ Informal WTO Ministerial Gathering, Personal Concluding Remarks by the Chair, Federal Councillor Guy Parmelin, Switzerland, 24 January 2020. Access Date: 24 September 2020. <https://www.newsd.admin.ch/newsd/message/attachments/60028.pdf>.

⁸³⁰ G20 Addresses International Trade and Investment Priorities Including the Impact of COVID-19 and Launched the Initiative on The Future of the WTO, G20 Saudi Arabia 2020, 11 March 2020. Access Date: 24 September 2020. https://g20.org/en/media/Documents/G20SS_PR_G20%20Trade%20%20Investment%20Working%20Group%20Meeting_EN.pdf.

On 10 July 2019, South Africa introduced a submission to the World Trade Organization to create an “inclusive approach” to transparency.⁸³¹ The document discussed simplifying the notification process and lessening punitive measures.⁸³²

On 26 July 2019, South Africa tabled a joint proposal with eight other WTO members that called for the resolution of the Appellate Body impasse and the prohibition of unilateral trade measures.⁸³³ The proposal also sought to make development a central focus of the WTO and addressed areas of needed reform in the WTO.⁸³⁴

On 6 December 2019, South Africa and India threatened to end a 20-year WTO ban on imposing tariffs on digital trade.⁸³⁵ The two countries argued in a document the digitalization of multiple products, such as 3D printing, warrants re-considering the ban.⁸³⁶ The ban, of which renewal required unanimous support, ended up being extended to June 2020.⁸³⁷

On 16 January, South Africa was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁸³⁸ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁸³⁹

South Africa has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

Thus, South Africa receives a score of +1.

Analyst: Geoffrey Burrows

⁸³¹ WTO members consider transparency reforms at Goods Council meeting, World Trade Organization (Geneva) 10 July 2019. Access Date: 4 February 2020. https://www.wto.org/english/news_e/news19_e/good_10jul19_e.htm

⁸³² WTO members consider transparency reforms at Goods Council meeting, World Trade Organization (Geneva) 10 July 2019. Access Date: 4 February 2020. https://www.wto.org/english/news_e/news19_e/good_10jul19_e.htm

⁸³³ India’s proposal for WTO reforms supported by a large majority of countries, Livemint (Geneva) 26 July 2019. Access Date: 5 February 2020. <https://www.livemint.com/news/india/india-s-proposal-for-wto-reforms-supported-by-a-large-majority-of-countries-1564144186373.html>

⁸³⁴ India, eight others, caution WTO against reforms that worsen imbalances, The Hindu BusinessLine (New Delhi) 17 July 2019. Access Date: 5 February 2020. <https://www.thehindubusinessline.com/economy/india-eight-others-caution-wto-against-reforms-that-worsen-imbalances/article28522575.ece>

⁸³⁵ WTO ban on tariffs for digital trade extended until June 2020, Reuters (Geneva) 10 December 2019. Access Date: 4 February 2020. <https://www.reuters.com/article/us-trade-wto-internet/wto-ban-on-tariffs-for-digital-trade-extended-until-june-2020-idUSKBN1YE16A>

⁸³⁶ Trade war goes digital: countries eye tariffs on Internet economy, Reuters (Geneva) 6 December 2019. Access Date: 5 February 2020. <https://www.reuters.com/article/trade-wto-internet/rpt-trade-war-goes-digital-countries-eye-tariffs-on-internet-economy-idUSL8N28G3QP>

⁸³⁷ WTO ban on tariffs for digital trade extended until June 2020, Reuters (Geneva) 10 December 2019. Access Date: 4 February 2020. <https://www.reuters.com/article/us-trade-wto-internet/wto-ban-on-tariffs-for-digital-trade-extended-until-june-2020-idUSKBN1YE16A>

⁸³⁸ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁸³⁹ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

Turkey: +1

Turkey has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

From 12 to 13 November 2019, Turkey participated in a meeting of the Technical Barriers to Trade Committee on the subject of safety and quality testing for products.⁸⁴⁰ At the meeting, there was discussion over cosmetic regulations introduced between 2016 and 2018 in Turkey, with which the United States disagreed.⁸⁴¹

On 16 January 2020, Turkey was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁸⁴² The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁸⁴³

On 19 March 2020, Turkey filed a complaint against the European Unions’ steel safeguard through the WTO.⁸⁴⁴ This shows an understanding and appreciation of the WTO’s regulations and dispute measures.

Turkey has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

Thus, Turkey receives a score of +1.

Analyst: Fiona Reuter

United Kingdom: +1

The United Kingdom has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 18 July 2019, the United Kingdom signed a trade and political continuity agreement with six Central American countries: Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.⁸⁴⁵ The UK-Central America Association Agreement will ensure that the UK and Central

⁸⁴⁰ WTO members discuss product quality, safety and standards, debate new trade concerns, World Trade Organization 15 November 2019. Access Date: 7 February 2020.

https://www.wto.org/english/news_e/news19_e/tbt_16nov19_e.htm

⁸⁴¹ WTO members discuss product quality, safety and standards, debate new trade concerns, World Trade Organization 15 November 2019. Access Date: 7 February 2020.

https://www.wto.org/english/news_e/news19_e/tbt_16nov19_e.htm

⁸⁴² Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020.

https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-

<DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True>

⁸⁴³ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020.

https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-

<DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True>

⁸⁴⁴ Turkey initiates WTO dispute complaint against EU steel safeguard, World Trade Organization (Geneva) 19 March 2020. Access Date: 25 March 2020. https://www.wto.org/english/news_e/news20_e/ds595rfc_19mar20_e.htm

⁸⁴⁵ UK and Central America sign continuity agreement, Foreign Commonwealth Office (Managua) 18 July 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-and-central-america-sign-continuity-agreement>

America trade on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁴⁶

On 22 August 2019, the United Kingdom signed a continuity free trade agreement with Korea.⁸⁴⁷ The UK-Korea Free Trade Agreement will ensure that the UK and Korea trade on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁴⁸

On 11 September 2019, the United Kingdom signed an Economic Partnership Agreement with the Southern African Customs Union and Mozambique.⁸⁴⁹ The Southern African Customs Union consists of South Africa, Botswana, Lesotho, Namibia and Eswatini.⁸⁵⁰ The UK-SACU+M Economic Partnership Agreement ensure that the UK will trade with the Southern African Customs Union and Mozambique on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁵¹

On 19 September 2019, the United Kingdom signed a continuity trade deal with Lebanon.⁸⁵² The UK-Lebanon Association Agreement will ensure that the UK and Lebanon trade on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁵³

On 10 October 2019, UK Secretary of State for International Trade Elizabeth Truss met with trade ministers from a number of Commonwealth countries and created an action plan to “boost trade among their countries to at least \$2 trillion by 2030, through the Commonwealth Collectivity Agenda.”⁸⁵⁴ They stated the need for the current impasse of the WTO’s Appellate Body to end, for WTO rules to be updated to address e-commerce, and for an international agreement regarding fish subsidies to reduce illegal fishing.⁸⁵⁵

⁸⁴⁶ UK and Central America sign continuity agreement, Foreign Commonwealth Office (Managua) 18 July 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-and-central-america-sign-continuity-agreement>

⁸⁴⁷ UK and Korea to sign trade continuity deal to ensure businesses are ready to trade post-Brexit, Department for International Trade (London) 21 August 2019. Access date: February 7 2020. <https://www.gov.uk/government/news/uk-and-korea-to-sign-trade-continuity-deal-to-ensure-businesses-are-ready-to-trade-post-brexit>

⁸⁴⁸ UK and Korea to sign trade continuity deal to ensure businesses are ready to trade post-Brexit, Department for International Trade (London) 21 August 2019. Access Date: February 7 2020. <https://www.gov.uk/government/news/uk-and-korea-to-sign-trade-continuity-deal-to-ensure-businesses-are-ready-to-trade-post-brexit>

⁸⁴⁹ UK agreed trade continuity with 6 African nations, Department for International Development (London) 11 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-agreed-trade-continuity-with-six-african-nations>

⁸⁵⁰ UK agreed trade continuity with 6 African nations, Department for International Development (London) 11 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-agreed-trade-continuity-with-six-african-nations>

⁸⁵¹ UK agreed trade continuity with 6 African nations, Department for International Development (London) 11 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-agreed-trade-continuity-with-six-african-nations>

⁸⁵² UK and Lebanon sign trade continuity agreement, Department for International Trade (London) 19 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-and-lebanon-sign-trade-continuity-agreement>

⁸⁵³ UK and Lebanon sign trade continuity agreement, Department for International Trade (London) 19 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-and-lebanon-sign-trade-continuity-agreement>

⁸⁵⁴ Commonwealth trade ministers: Reform WTO and resist protectionism, Department for International Trade (London) 10 October 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/commonwealth-trade-ministers-reform-wto-and-resist-protectionism>

⁸⁵⁵ Commonwealth trade ministers: Reform WTO and resist protectionism, Department for International Trade (London) 10 October 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/commonwealth-trade-ministers-reform-wto-and-resist-protectionism>

On 21 October 2019, the United Kingdom signed a trade continuity and strategic cooperation agreement with Georgia.⁸⁵⁶ The UK-Georgia Strategic Partnership and Cooperation Agreement will ensure that the UK and Georgia trade on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁵⁷

On 26 October 2019, the United Kingdom signed a trade and political continuity agreement with Morocco.⁸⁵⁸ The UK-Morocco Association Agreement will ensure that the UK and Morocco trade on the preferential terms detailed in the agreement after the United Kingdom has left the European Union, rather than the WTO terms.⁸⁵⁹

On 24 January 2020, the UK was among 15 other countries and the European Union that agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁸⁶⁰ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁸⁶¹

On 3 February 2020, the Prime Minister's Office issued a statement regarding the United Kingdom's future relationship with the European Union.⁸⁶² In the statement, the Prime Minister states the need to address regulatory barriers to trade in an effort to expand on the existing WTO Technical Barriers to Trade Agreement.⁸⁶³

On 2 March 2020, the United Kingdom published its overall negotiating objectives regarding a free trade agreement with the United States.⁸⁶⁴ The document outlines how the United Kingdom aims to strengthen economic ties with the United States, and “[facilitate] greater choice and lower prices” for Britons without hurting the National Health Service or lowering animal welfare and agricultural

⁸⁵⁶ UK and Georgia sign trade continuity and strategic cooperation agreement, Department for International Trade (London) 21 October 2019. Access Date: 7 February 2019. <https://www.gov.uk/government/news/uk-and-georgia-sign-trade-continuity-and-strategic-cooperation-agreement>

⁸⁵⁷ UK and Georgia sign trade continuity and strategic cooperation agreement, Department for International Trade (London) 21 October 2019. Access Date: 7 February 2019. <https://www.gov.uk/government/news/uk-and-georgia-sign-trade-continuity-and-strategic-cooperation-agreement>

⁸⁵⁸ UK and Morocco sign continuity agreement, Department for International Trade (London) 26 October 2019. Access Date: 7 February 2019. <https://www.gov.uk/government/news/uk-and-morocco-sign-continuity-agreement>

⁸⁵⁹ UK and Morocco sign continuity agreement, Department for International Trade (London) 26 October 2019. Access Date: 7 February 2019. <https://www.gov.uk/government/news/uk-and-morocco-sign-continuity-agreement>

⁸⁶⁰ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: February 09, 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸⁶¹ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: February 09, 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁸⁶² The Future Relationship between the UK and the EU, Prime Minister's Office (London) 3 February 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/speeches/the-future-relationship-between-the-uk-and-the-eu>

⁸⁶³ The Future Relationship between the UK and the EU, Prime Minister's Office (London) 3 February 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/speeches/the-future-relationship-between-the-uk-and-the-eu>

⁸⁶⁴ Liz Truss kick-starts UK-US trade talks, Department for International Trade (London) 1 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/liz-truss-kick-starts-uk-us-trade-talks>

standards.⁸⁶⁵ Additionally, the United Kingdom hopes to “futureproof” the free trade agreement for future changes in technology.⁸⁶⁶

On 3 March 2020, UK International Trade Secretary Liz Truss spoke at the WTO General Council.⁸⁶⁷ In the UK’s speech, she called for the WTO to amend its regulations to better challenge “unfair practices” and counter protectionism.⁸⁶⁸ Liz Truss affirmed her commitment to a “free, fair, rules-based international trade,” and denounced “industrial subsidies, state-owned enterprises and forced technology transfer.”⁸⁶⁹

On 5 March 2020, the United Kingdom issued a statement to the WTO meeting of the Dispute Settlement Body underlining their concern regarding the current impasse at the WTO Appellate Body and support for Mexico’s statement regarding the impasse.⁸⁷⁰ The statement recognizes the concerns causing the impasse, but stresses the situation’s urgency, and calls “on all Members to act urgently to restore the system to full functioning, whilst we prioritize discussions on a long-term solution to the concerns raised.”⁸⁷¹

The United Kingdom has participated in resolving the current Appellate Body impasse, strengthening the work of the WTO’s regular bodies and improving the WTO’s negotiating work.

Thus, the United Kingdom receives a score of +1.

Analyst: Quinn Teague-Colfer

United States: 0

The United States has partially complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

On 10 July 2019, the United States introduced a proposal to enhance transparency in the WTO.⁸⁷² The proposal gave WTO members more time to seek assistance and comply with standards before penalties would kick in.⁸⁷³

⁸⁶⁵ Liz Truss kick-starts UK-US trade talks, Department for International Trade (London) 1 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/liz-truss-kick-starts-uk-us-trade-talks>

⁸⁶⁶ Liz Truss kick-starts UK-US trade talks, Department for International Trade (London) 1 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/liz-truss-kick-starts-uk-us-trade-talks>

⁸⁶⁷ Britain is back: Liz Truss calls for new rules at WTO to tackle unfair trade practices, Department for International Trade (Geneva) 3 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/britain-is-back-liz-truss-calls-for-new-rules-at-wto-to-tackle-unfair-trade-practices>

⁸⁶⁸ Britain is back: Liz Truss calls for new rules at WTO to tackle unfair trade practices, Department for International Trade (Geneva) 3 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/britain-is-back-liz-truss-calls-for-new-rules-at-wto-to-tackle-unfair-trade-practices>

⁸⁶⁹ Britain is back: Liz Truss calls for new rules at WTO to tackle unfair trade practices, Department for International Trade (Geneva) 3 March 2020. Access Date: 22 March 2020. <https://www.gov.uk/government/news/britain-is-back-liz-truss-calls-for-new-rules-at-wto-to-tackle-unfair-trade-practices>

⁸⁷⁰ UK Statement to the WTO meeting of the Dispute Settlement Body, UK Mission to the WTO, UN and Other International Organizations (Geneva) 6 March 2020. Access Date: 22 March 2020.

<https://www.gov.uk/government/news/uk-statement-to-the-wto-meeting-of-the-dispute-settlement-body>

⁸⁷¹ UK Statement to the WTO meeting of the Dispute Settlement Body, UK Mission to the WTO, UN and Other International Organizations (Geneva) 6 March 2020. Access Date: 22 March 2020.

<https://www.gov.uk/government/news/uk-statement-to-the-wto-meeting-of-the-dispute-settlement-body>

⁸⁷² WTO members consider transparency reforms at Goods Council meeting, World Trade Organization (Geneva) 10 July 2019. Access Date: 4 February 2020. https://www.wto.org/english/news_e/news19_e/good_10jul19_e.htm

⁸⁷³ WTO members consider transparency reforms at Goods Council meeting, World Trade Organization (Geneva) 10 July 2019. Access Date: 4 February 2020. https://www.wto.org/english/news_e/news19_e/good_10jul19_e.htm

On 24 July 2019, US Ambassador to the World Trade Organization Dennis Shea released a statement outlining criteria to determine whether a WTO member may “avail itself of ‘special and differential treatment.’”⁸⁷⁴ The statement also raised the issue of transparency in the WTO dispute settlement and US proposals to mandate a more transparent process.⁸⁷⁵ The statement also noted the US considers mandates established in the Doha Round to no longer guide the WTO.⁸⁷⁶

On 13 August 2019, President Donald Trump threatened to withdraw the US from the WTO at an event in Pennsylvania.⁸⁷⁷ President Trump said conditions would have to improve for the US to stay within the trade body.⁸⁷⁸

On 14 October 2019, Ambassador to the World Trade Organization Dennis Shea noted the US has introduced proposals, with other WTO members, to create a framework to resolve fishery subsidy negotiations.⁸⁷⁹ Ambassador Shea also noted the importance of establishing rules on digital trade.⁸⁸⁰

On 22 November 2019, the United States declined to support an effort by the Mexican delegation to fill six vacancies in the Appellate Body.⁸⁸¹ The United States claimed the Body was not respecting the Dispute Settlement Understanding.⁸⁸² The United States also declined to support a similar effort on 10 December 2019.⁸⁸³

On 6 December 2019, the United States delivered a joint statement with several WTO members with the aim to constructively engage on fishery subsidy talks as well as voice approval for the appointment of Ambassador Santiago Wills of Colombia as the new Chair of the Negotiating Group

⁸⁷⁴ Statements delivered by Ambassador Dennis Shea — WTO General Council Meeting Geneva, US Mission to International Organizations in Geneva (Geneva) 24 July 2019. Access Date: 5 February 2020.
<https://geneva.usmission.gov/2019/07/24/statements-delivered-by-ambassador-dennis-shea-wto-general-council-meeting-geneva-july-24-2019/>

⁸⁷⁵ Statements delivered by Ambassador Dennis Shea — WTO General Council Meeting Geneva, US Mission to International Organizations in Geneva (Geneva) 24 July 2019. Access Date: 5 February 2020.
<https://geneva.usmission.gov/2019/07/24/statements-delivered-by-ambassador-dennis-shea-wto-general-council-meeting-geneva-july-24-2019/>

⁸⁷⁶ Statements delivered by Ambassador Dennis Shea — WTO General Council Meeting Geneva, US Mission to International Organizations in Geneva (Geneva) 24 July 2019. Access Date: 5 February 2020.
<https://geneva.usmission.gov/2019/07/24/statements-delivered-by-ambassador-dennis-shea-wto-general-council-meeting-geneva-july-24-2019/>

⁸⁷⁷ Trump threatens to pull US from WTO ‘if we have to’, The Straits Times (Monaca) 14 August 2019. Access Date: 4 February 2020. <https://www.straitstimes.com/world/united-states/trump-threatens-to-pull-us-from-wto-if-we-have-to>

⁸⁷⁸ Trump threatens to pull US from WTO ‘if we have to’, The Straits Times (Monaca) 14 August 2019. Access Date: 4 February 2020. <https://www.straitstimes.com/world/united-states/trump-threatens-to-pull-us-from-wto-if-we-have-to>

⁸⁷⁹ Statement by Ambassador Dennis Shea at the WTO Heads of Delegation Meeting, US Mission to International Organizations in Geneva (Geneva) 14 October 2019. Access Date: 4 February 2020. <https://geneva.usmission.gov/2019/10/14/statement-by-ambassador-dennis-shea-heads-of-delegation-meeting-geneva-october-14-2019/>

⁸⁸⁰ Statement by Ambassador Dennis Shea at the WTO Heads of Delegation Meeting, US Mission to International Organizations in Geneva (Geneva) 14 October 2019. Access Date: 4 February 2020. <https://geneva.usmission.gov/2019/10/14/statement-by-ambassador-dennis-shea-heads-of-delegation-meeting-geneva-october-14-2019/>

⁸⁸¹ Members reiterate joint call to launch selection process for Appellate Body members, World Trade Organization (Geneva) 22 November 2019. Access Date: 5 February 2020.
https://www.wto.org/english/news_e/news19_e/dsb_22nov19_e.htm

⁸⁸² Members reiterate joint call to launch selection process for Appellate Body members, World Trade Organization (Geneva) 22 November 2019. Access Date: 5 February 2020.
https://www.wto.org/english/news_e/news19_e/dsb_22nov19_e.htm

⁸⁸³ US seals demise of WTO appeals bench, trade officials say, The Japan Times (Geneva) 10 December 2019. Access Date: 45 February 2020. <https://www.japantimes.co.jp/news/2019/12/10/business/u-s-seals-demise-wto-appeals-bench-trade-officials/#.XjzFAy2ZPUp>

on Rules.⁸⁸⁴ The group of WTO members reaffirmed their commitment to reach an agreement on fishery subsidies.⁸⁸⁵

On 10 December 2019, the United States signed the United States–Mexico–Canada Agreement.⁸⁸⁶ The trade agreement is meant to improve on the perceived deficiencies with the previous North American Free Trade Agreement by including measures like enforceable labour standards and stronger environmental protections.⁸⁸⁷

On 14 January 2020, the trade ministers of the United States, Japan and the European Union issued a joint statement where they stated that current WTO rules are “insufficient to tackle market and trade distorting subsidization existing in certain jurisdictions.”⁸⁸⁸ They also stated opposition to the WTO’s classification of certain countries as developing countries.⁸⁸⁹

On 27 January 2020, Ambassador to the World Trade Organization Dennis Shea delivered remarks at an informal meeting of WTO ministers in Davos.⁸⁹⁰ In the statement, Ambassador Shea reiterated concerns over WTO members having failed to submit their fishery subsidy notifications.⁸⁹¹ Ambassador Shea also reaffirmed the US’s position that it would not support filling Appellate Body vacancies until underlying problems with the Body are resolved.⁸⁹²

On 6 February 2020, Ambassador to the World Trade Organization Dennis Shea gave a speech in which he highlighted examples of US engagement with WTO reform.⁸⁹³ He mentioned 5 specific proposals for fishery subsidy reform, US engagement to expand access to digital technologies and

⁸⁸⁴ Joint Statement on WTO Negotiations on Fisheries Subsidies, US Mission to International Organizations in Geneva (Geneva) 6 December 2019. Access Date: 5 February 2020. <https://geneva.usmission.gov/2019/12/06/joint-statement-on-wto-negotiations-on-fisheries-subsidies/>

⁸⁸⁵ Joint Statement on WTO Negotiations on Fisheries Subsidies, US Mission to International Organizations in Geneva (Geneva) 6 December 2019. Access Date: 5 February 2020. <https://geneva.usmission.gov/2019/12/06/joint-statement-on-wto-negotiations-on-fisheries-subsidies/>

⁸⁸⁶ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁸⁸⁷ US, Mexico, Canada sign USMCA trade deal, Deutsche Welle (Washington) 10 December 2019. Access Date: 23 February 2020. <https://www.dw.com/en/us-mexico-canada-sign-usmca-trade-deal/a-51613992>

⁸⁸⁸ Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>.

⁸⁸⁹ Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>.

⁸⁹⁰ Statement by Ambassador Shea at Davos Informal WTO Ministerial Gathering, US Mission to International Organizations in Geneva (Davos) 24 January 2020. Access Date: 6 February 2020. <https://geneva.usmission.gov/2020/01/27/statement-by-ambassador-shea-at-davos-informal-wto-ministerial-gathering/>

⁸⁹¹ Statement by Ambassador Shea at Davos Informal WTO Ministerial Gathering, US Mission to International Organizations in Geneva (Davos) 24 January 2020. Access Date: 6 February 2020. <https://geneva.usmission.gov/2020/01/27/statement-by-ambassador-shea-at-davos-informal-wto-ministerial-gathering/>

⁸⁹² Statement by Ambassador Shea at Davos Informal WTO Ministerial Gathering, US Mission to International Organizations in Geneva (Davos) 24 January 2020. Access Date: 6 February 2020. <https://geneva.usmission.gov/2020/01/27/statement-by-ambassador-shea-at-davos-informal-wto-ministerial-gathering/>

⁸⁹³ US Engagement at the World Trade Organization, US Mission to International Organizations in Geneva (Washington) 6 February 2020. Access Date: 8 February 2020. <https://geneva.usmission.gov/2020/02/07/u-s-engagement-at-the-world-trade-organization/>

trade, and US advocacy for a review of WTO agricultural policies.⁸⁹⁴ He also highlighted US efforts to increase transparency in the form of WTO members reporting their industrial subsidies.⁸⁹⁵

The United States has taken action to strengthen the work of the WTO's regular bodies and improve the WTO's negotiating work through passing proposals addressing transparency and fishery subsidy negotiations. However, the United States has not taken action to address the dispute settlement system.

Thus, the United States receives a score of 0.

Analyst: Geoffrey Burrows

European Union: +1

The European Union has fully complied with its commitment to reaffirm its “support for the necessary reform of the World Trade Organization (WTO) to improve its functions.”

From 12 to 13 November 2019, the European Union participated in a meeting of the Technical Barriers to Trade Committee on the subject of safety and quality testing for products.⁸⁹⁶ There was a specific concern regarding the EU's external power supply ecological design requirements, which were believed to be unjustified by China.⁸⁹⁷

On 10 December 2019, EU Trade Commissioner Phil Horgan stated his concern over the WTO's problems, which he explained represent a “very serious blow to the international rules-based trade system.”⁸⁹⁸ He supported reform of the WTO, while stressing that its functions are important in the realm of creating equitable and just trade.⁸⁹⁹ Previously, in the week of 1 December 2019, Horgan also commented on the need for reform beyond the Appellate Body dispute settlement system.⁹⁰⁰

On 14 January 2020, the trade ministers of Japan, the United States and the European Union issued a joint statement where they stated that current WTO rules are “insufficient to tackle market and trade

⁸⁹⁴ US Engagement at the World Trade Organization, US Mission to International Organizations in Geneva (Washington) 6 February 2020. Access Date: 8 February 2020. <https://geneva.usmission.gov/2020/02/07/u-s-engagement-at-the-world-trade-organization/>

⁸⁹⁵ US Engagement at the World Trade Organization, US Mission to International Organizations in Geneva (Washington) 6 February 2020. Access Date: 8 February 2020. <https://geneva.usmission.gov/2020/02/07/u-s-engagement-at-the-world-trade-organization/>

⁸⁹⁶ WTO members discuss product quality, safety and standards, debate new trade concerns, World Trade Organization (Geneva) 15 November 2019. Access Date: 7 February 2020.

https://www.wto.org/english/news_e/news19_e/tbt_16nov19_e.htm

⁸⁹⁷ WTO members discuss product quality, safety and standards, debate new trade concerns, World Trade Organization (Geneva) 15 November 2019. Access Date: 7 February 2020.

https://www.wto.org/english/news_e/news19_e/tbt_16nov19_e.htm

⁸⁹⁸ WTO chief: ‘Months’ needed to fix disputes body, BBC News 10 December 2019. Access Date: 7 February 2020. <https://www.bbc.com/news/business-50736344>

⁸⁹⁹ WTO chief: ‘Months’ needed to fix disputes body, BBC News 10 December 2019. Access Date: 7 February 2020. <https://www.bbc.com/news/business-50736344>

⁹⁰⁰ US trade offensive takes out WTO as global referee, RTE 10 December 2019. Access Date: 7 February 2020. <https://www.rte.ie/news/business/2019/1210/1098247-world-trade-organization/>

distorting subsidization existing in certain jurisdictions.”⁹⁰¹ They also stated opposition to the WTO’s classification of certain countries as developing countries.⁹⁰²

On 16 January 2020, the European Union was a signatory to a proposal to start the process of filling the vacant seats on the Appellate Body.⁹⁰³ The call to fill the six vacant seats was a show of commitment to address the impasse regarding appointments to the Appellate Body of the WTO.⁹⁰⁴

On 24 January 2020, the European Union and 16 other countries agreed to a multi-party interim arrangement that will be based on Article 25 of the WTO Dispute Settlement Understanding.⁹⁰⁵ It establishes a two-step dispute settlement system for the parties involved as a contingency measure until the impasse of the Appellate Body is over, serving as an ad-hoc solution.⁹⁰⁶

The European Union has acted in participating in addressing problems with the existing Dispute Settlement System, reinforcing the existing work of the WTO, and actively participating in the negotiations surrounding the reform of WTO functions.

Thus, the European Union receives a score of +1.

Analyst: Fiona Reuter

⁹⁰¹ Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>

⁹⁰² Joint Statement of the Trilateral Meeting of the Trade Ministers of Japan, the United States and the European Union, Office of the United States Trade Representative (Washington) 14 January 2020. Access date: 7 February 2020. <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2020/january/joint-statement-trilateral-meeting-trade-ministers-japan-united-states-and-european-union>

⁹⁰³ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁹⁰⁴ Appellate Body Appointments, World Trade Organization (Geneva) 27 January 2020. Access Date: 20 March 2020. https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S009-DP.aspx?language=E&CatalogueIdList=260555,260554,259466,259467&CurrentCatalogueIdIndex=0&FullTextHash=&HasEnglishRecord=True&HasFrenchRecord=True&HasSpanishRecord=True

⁹⁰⁵ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

⁹⁰⁶ Trade: EU and 16 WTO members agree to work together on an interim appeal arbitration arrangement, European Commission (Brussels) 24 January 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_113

5. Infrastructure: Quality Infrastructure Investment

“We endorse the G20 Principles for Quality Infrastructure Investment as our common strategic direction and high aspiration.”

G20 2019 Osaka Leaders’ Declaration

Assessment

	Lack of Compliance	Work in Progress	Full Compliance
Argentina			+1
Australia			+1
Brazil			+1
Canada			+1
China			+1
France	-1		
Germany			+1
India			+1
Indonesia	-1		
Italy			+1
Japan		0	
Korea		0	
Mexico			+1
Russia		0	
Saudi Arabia			+1
South Africa			+1
Turkey		0	
United Kingdom		0	
United States			+1
European Union			+1
Average	+0.55 (78%)		

Background

Infrastructure is a fundamental component of achieving sustainable economic growth, stability and prosperity, as well as solving social challenges. However, funding for infrastructure is currently outpaced by growing needs in both developing and developed countries, presenting a significant challenge in achieving global and national development goals. In 2013, it was estimated that an annual USD 3.3 trillion investment was needed simply to keep pace with projected growth between 2016 to 2030, USD 0.8 trillion more than the USD 2.5 trillion spent currently.⁹⁰⁷

This infrastructure financing gap threatens future socioeconomic development and fulfilling it is essential to the goals of the G20. Nonetheless, according to the McKinsey Global Institute by 2016 11 G20 members had reduced their infrastructure spending (as a share of gross domestic product) since the global financial crisis due to fiscal constraints.⁹⁰⁸ At a February 2013 meeting of G20 Finance Ministers and Central Bank Governors, the Organisation for Economic Co-operation and

⁹⁰⁷ Bridging Global Infrastructure Gaps, McKinsey Global Institute (Online). Access Date: December 10, 2019. <https://www.un.org/pga/71/wp-content/uploads/sites/40/2017/06/Bridging-Global-Infrastructure-Gaps-Full-report-June-2016.pdf>

⁹⁰⁸ Bridging Global Infrastructure Gaps, McKinsey Global Institute (Online). Access Date: December 10, 2019. <https://www.un.org/pga/71/wp-content/uploads/sites/40/2017/06/Bridging-Global-Infrastructure-Gaps-Full-report-June-2016.pdf>

Development (OECD) advocated for the prioritization of infrastructure investment by the G20 members and presented private financing and institutional investors as alternative sources of infrastructure funds.⁹⁰⁹ In response, a G20 Study Group on Financing Investment, made up of the G20 Finance Ministers and Central Bank Governors and select members of the OECD, was formed and tasked with putting forward recommendations for G20 leaders.⁹¹⁰

G20 members endorsed these recommendations in the form of the G20/OECD High-Level Principles on Long-Term Investment Financing by Institutional Investors at the 2013 St. Petersburg Summit, thereby making their first commitments to infrastructure investment.⁹¹¹

At the 2014 Brisbane Summit, G20 members endorsed the Global Infrastructure Initiative, a work program with common leading practices to improve the quality of public and private infrastructure investments, as well as the creation of the Global Infrastructure Hub to foster collaboration amongst stakeholders of the Initiative. The Study Group on Financing for Investment was also transformed into an official Infrastructure Investment Working Group.⁹¹²

At the 2015 Antalya Summit, G20 members developed country-specific strategies to boost investment; developed guidelines for public-private-partnership models to improve investment preparation, prioritization and execution processes; and looked into alternative financing structures for infrastructure projects.⁹¹³

At the 2016 Hangzhou Summit, G20 members reaffirmed their commitment to promote infrastructure investment in both quantity and quality. Members emphasized that quality infrastructure investment and infrastructure connectivity were two key features of sustainable and prosperous development.⁹¹⁴

At the 2017 Hamburg Summit, G20 members reaffirmed their commitment to boosting infrastructure and connectivity investment and the Multilateral Development Banks' Joint Principles and Ambitions on Crowding-In Private Finance as part of this commitment.⁹¹⁵

At the 2018 Buenos Aires Summit, G20 members reaffirmed their commitment to attracting private capital to address the infrastructure financing gap and endorsed both the Roadmap to Infrastructure as an Asset Class and the G20 Principles for the Infrastructure Project Preparation Phase.⁹¹⁶

⁹⁰⁹ The Role of Banks, Equity Markets and Institutional Investors in Long-Term Financing for Growth and Development, Organisation for Economic Co-operation and Development (Paris). Access date: 20 November 2019.

<http://www.oecd.org/daf/fin/privatepensions/G20reportLTFinancingForGrowthRussianPresidency2013.pdf>

⁹¹⁰ G20 Leaders' Declaration (St. Petersburg), G20 Information Centre (Toronto). Access Date: 20 November 2019.

<http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

⁹¹¹ G20/OECD High Level Principles on Long-Term Investment Financing by Institutional Investors, OECD (Paris). Access date: 20 November 2019. <https://www.oecd.org/finance/private-pensions/G20-OECD-Principles-LTI-Financing.pdf>

⁹¹² G20 Leaders' Communiqué, Brisbane Summit, G20 Information Centre (Toronto). Access Date: 20 November 2019.

http://www.g20.utoronto.ca/2014/brisbane_g20_leaders_summit_communique.pdf

⁹¹³ G20 Leaders' Communiqué (Antalya), G20 Information Centre (Toronto). Access Date: 20 November 2019.

<http://www.g20.utoronto.ca/summits/2015antalya.html>

⁹¹⁴ G20 Leaders' Communiqué: Hangzhou Summit, G20 Information Centre (Toronto). Access Date 20 November 2019.

<http://www.g20.utoronto.ca/2016/160905-communique.html>

⁹¹⁵ G20 Leaders' Declaration: Shaping an Interconnected World (Hamburg), G20 Information Centre (Toronto). Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

⁹¹⁶ The G20 Roadmap to Infrastructure as an Asset Class, OECD (Paris) 2018. Access Date: 20 November 2019.

http://www.oecd.org/g20/roadmap_to_infrastructure_as_an_asset_class_argentina_presidency_1_0.pdf

Members also expressed hope in making progress on quality infrastructure in 2019, in line with the Roadmap.⁹¹⁷

At the 2019 Osaka Summit, G20 members renewed their emphasis on quality infrastructure investment by endorsing the G20 Principles for Promoting Quality Infrastructure Investment.⁹¹⁸

Commitment Features

G20 members have committed to endorsing the “G20 Principles for Quality Infrastructure Investment as [their] common strategic direction and high aspirations.” “Endorse” is interpreted to mean that the G20 members have committed to put the principles into practice through their actions.

The G20 Principles for Quality Infrastructure Investment consists of six principles to build upon previous G20 members’ work to mobilize investment financing from multiple sources and “contribute to closing the infrastructure gap, develop infrastructure as an asset class, and maximizing the positive impacts of infrastructure investment according to country conditions.”⁹¹⁹ The focus of this document is to improve the quality of new projects so that existing funding is spent wisely, thus mobilizing future investments. This commitment requires members to align individual infrastructure projects (and initiatives in the case of principle six) with the principles outlined in the document.⁹²⁰

The six principles endorsed by G20 members are: 1) maximizing the positive impact of infrastructure to achieve sustainable growth and development; 2) raising economic efficiency in view of life-cycle cost; 3) integrating environmental considerations in infrastructure investments; 4) building resilience against natural disasters and other risks; 5) integrating social considerations in infrastructure investment; and 6) strengthening infrastructure governance.

The first principle requires that the expected “economic, environmental, social, and development” benefits of infrastructure be incorporated in the project planning and design stages of an individual infrastructure project. This could mean that additional jobs are created, or new technologies are introduced to a region through the course of an infrastructure project execution.⁹²¹

The second principle requires members to assess the life-cycle costs and benefits and proactively integrate strategies and technology to address the risk of delays and excessive costs in order to maximize efficiency through the course of an infrastructure project execution. This could be through integrating technology-assisted monitoring into the project process or conducting regular cost-benefit analysis.⁹²²

⁹¹⁷ G20 Leaders' Declaration: Building Consensus for Fair and Sustainable Development (Buenos Aires), G20 Information Centre (Toronto). Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

⁹¹⁸ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto). Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

⁹¹⁹ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 20 November 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²⁰ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 20 November 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²¹ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²² G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

The third principle requires that environmental considerations, including both positive and negative impacts of the infrastructure project, should be continuously assessed and shared with stakeholder throughout the project life-cycle.⁹²³

The fourth principle requires that disaster risk management and/or insurance mechanisms be incorporated into the planning and design of infrastructure projects. This could be through the use of certain materials or construction techniques that are more resilient to disaster.⁹²⁴

The fifth principle requires that ensuring economic and social inclusion are an important element of an infrastructure project. This could be through actions such as holding consultation processes with affected communities or ensuring safe, equal working opportunities and access to jobs created by the infrastructure project.⁹²⁵

The sixth and final principle requires that members enact “clear rules, robust institutions, and good governance in the public and the private sector, reflecting countries’ relevant international commitments, which will mitigate various risks related to investment decision-making.” This could be the creation of new processes, policies or institutions that assess financial sustainability, anti-corruption efforts, or transparency in infrastructure projects to ensure confidence from investors and other stakeholders.⁹²⁶

Compliance for this commitment will be assessed by examining whether national or regional individual infrastructure projects incorporate any of the six principles. Full compliance for this commitment requires that a G20 member to invest in existing or new infrastructure projects that follow at least four of the six principles. Investments in existing or new infrastructure projects that align with only two to three of the six principles will be counted as partial compliance. Finally, investments in existing or new infrastructure projects that follow only one or none of the six principles outlined in the G20 Principles for Quality Infrastructure Investment will earn the G20 member a score of no compliance.

Scoring Guidelines

-1	G20 member has invested in existing or new infrastructure projects that align with ONE or NONE of the principles outlined in the G20 Principles for Quality Infrastructure Investment.
0	G20 member has invested in existing or new infrastructure projects that align with some (TWO to THREE) of the principles outlined in the G20 Principles for Quality Infrastructure Investment.
+1	G20 member has invested in existing or new infrastructure projects that align with most (FOUR to SIX) of the principles outlined in the G20 Principles for Quality Infrastructure Investment.

Compliance Director: Ramsha Naveed

Lead Analysts: Sophia Bai

⁹²³ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²⁴ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²⁵ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

⁹²⁶ G20 Principles for Quality Infrastructure Investment, Global Infrastructure Hub. Access Date: 11 December 2019. https://www.mof.go.jp/english/international_policy/convention/g20/annex6_1.pdf

Argentina: +1

Argentina has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 12 July 2019, the Government Agroindustry initiated ARS17 million to Cordoba Road Consortiums to improve roads in rural San José de la Dormida y Jesús María.⁹²⁷ The funding comes from the Natural Fund for Agricultural Emergencies and Disasters and will be used to mitigate the effects of the latest floods and allow better quality roads in the region's productive sector.⁹²⁸

On 16 July 2019, the Secretary of Urban Infrastructure inaugurated the works that are a part of fully modernizing the neighbourhood of 31 Julio.⁹²⁹ The Government initiated AR250 million to expand the water network, 60 blocks of gutter cord, and the installation of the third stage of water drains.⁹³⁰

On 25 July 2019, the Secretary of the Environment and Sustainable Development announced a collaboration agreement with the municipality of Pinamar related to sustainable development.⁹³¹ The government aims to help the municipality with its sustainable development plan which covers 1) renewable energy and energy efficiency; 2) sustainable tourism; 3) afforestation and municipal nursery; 4) urban solid waste and used vegetable oil management; and 5) access to public information, transparency and Open Government for infrastructure development.⁹³²

On 12 August 2019, the Secretary of Housing participated in the awards ceremony for the first National Contest "Preliminary Project for Sustainable Housing of Social Interest" promoted by the Municipality of Villa María and the Municipal Institute of Housing and Housing Infrastructure of that municipality.⁹³³ The goal of this even was to promote proposals of single-family housing that demonstrate high levels of sustainability efficiency, as well as "almost zero energy" buildings.⁹³⁴ This

⁹²⁷ Agroindustria destina más de \$17 millones a Consorcios Camineros de Córdoba para mejorar los caminos rurales, Ministry of Agriculture, Livestock and Fisheries (Buenos Aires) 12 July 2019. Access Date: 3 March 2020. <https://www.argentina.gob.ar/noticias/agoindustria-destina-mas-de-17-millones-consorcios-camineros-de-cordoba-para-mejorar-los>.

⁹²⁸ Agroindustria destina más de \$17 millones a Consorcios Camineros de Córdoba para mejorar los caminos rurales, Ministry of Agriculture, Livestock and Fisheries (Buenos Aires) 12 July 2019. Access Date: 3 March 2020. <https://www.argentina.gob.ar/noticias/agoindustria-destina-mas-de-17-millones-consorcios-camineros-de-cordoba-para-mejorar-los>.

⁹²⁹ En Saladillo, finalizaron las obras de agua potable, desagües y espacios comunitarios para 1.700 familias, Ministry of the Interior (Buenos Aires) 16 July 2019. Access Date: 3 March 2020. <https://www.argentina.gob.ar/noticias/en-saladillo-finalizaron-las-obras-de-agua-potable-desagues-y-espacios-comunitarios-para>.

⁹³⁰ En Saladillo, finalizaron las obras de agua potable, desagües y espacios comunitarios para 1.700 familias, Ministry of the Interior (Buenos Aires) 16 July 2019. Access Date: 3 March 2020. <https://www.argentina.gob.ar/noticias/en-saladillo-finalizaron-las-obras-de-agua-potable-desagues-y-espacios-comunitarios-para>.

⁹³¹ Ciudades sustentables: Pinamar reforzará acciones sustentables en el partido, Ministry of Sustainable Development (Buenos Aires) 25 July 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/ciudades-sustentables-pinamar-reforzara-acciones-sustentables-en-el-partido>.

⁹³² Ciudades sustentables: Pinamar reforzará acciones sustentables en el partido, Ministry of Sustainable Development (Buenos Aires) 25 July 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/ciudades-sustentables-pinamar-reforzara-acciones-sustentables-en-el-partido>.

⁹³³ Se realizó el primer concurso nacional para la elaboración de proyectos de vivienda sustentable, Ministry of the Interior (Buenos Aires) 12 August 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/se-realizo-el-primer-concurso-nacional-para-la-elaboracion-de-proyectos-de-vivienda>.

⁹³⁴ Se realizó el primer concurso nacional para la elaboración de proyectos de vivienda sustentable, Ministry of the Interior (Buenos Aires) 12 August 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/se-realizo-el-primer-concurso-nacional-para-la-elaboracion-de-proyectos-de-vivienda>.

action aims to promote the development of these projects and an environmental efficiency mindset.⁹³⁵

On 28 August 2019, the Secretary of the Government of Environment and Sustainable Development led the presentation of project ARG/19/G24.⁹³⁶ This project seeks to improve biodiversity and land degradation by “through the development of a system of policies, governance mechanisms, and technical, economic and financial instruments for the environmental management of the territory, in order to integrate environmental and socio-economic assessment of ecosystem goods and services into decision-making in different sectors and levels of government.”⁹³⁷

On 12 September 2019, the Ministry of Territorial Planning and Public Works announced the delivery of new technological equipment to the municipality of Juárez Celman, and many others, under the Institutional Strengthening Program for Territorial Planning to improve municipal planning functions. The financing of this project corresponds with the 2030 Sustainable Development strategy proposed by the United Nations.⁹³⁸

On 7 November 2019, the Ministry of Interior and Public Works announced a new recognition labelled “The Seal of Sustainable Housing.” The aim of this seal is to promote sustainable housing construction with the objective of ensuring quality and durable housing that generates economic savings for buyers while contributing to the care of the environment and mitigation of climate change.⁹³⁹

On 5 December 2019, the Matanza Riachuelo Basin Authority, operated by the Ministry of Interior and Public Works, awarded the municipalities of Esteban Echeverría, Lanús, Lomas de Zamora, Merlo, Ezeiza and the City of Buenos Aires with new collection trucks. The objective of these new collection trucks is to strengthen the solid waste cleaning tasks in the area, thus contributing to waste collection efficiency and minimizing the environmental impact.⁹⁴⁰

On 6 December 2019, the Ministry of Interior and Public Works announced the inauguration of new border checkpoint cabins in the sector of the Posadas-Encarnacion. The Ministry initiated an

⁹³⁵ Se realizó el primer concurso nacional para la elaboración de proyectos de vivienda sustentable, Ministry of the Interior (Buenos Aires) 12 August 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/se-realizo-el-primer-concurso-nacional-para-la-elaboracion-de-proyectos-de-vivienda>.

⁹³⁶ Ambiente dio inicio al proyecto de ordenamiento ambiental del territorio, Ministry of Sustainable Development (Buenos Aires) 28 August 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/ambiente-dio-inicio-al-proyecto-de-ordenamiento-ambiental-del-territorio>.

⁹³⁷ Ambiente dio inicio al proyecto de ordenamiento ambiental del territorio, Ministry of Sustainable Development (Buenos Aires) 28 August 2019. Access Date: 20 March 2020. <https://www.argentina.gob.ar/noticias/ambiente-dio-inicio-al-proyecto-de-ordenamiento-ambiental-del-territorio>.

⁹³⁸ Nuevo equipamiento tecnológico para municipios bonaerenses, Ministry of the Interior (Buenos Aires) 12 September 2019. Access Date: 2 February 2020. <https://www.argentina.gob.ar/noticias/nuevo-equipamiento-tecnologico-para-municipios-bonaerenses>.

⁹³⁹ Nuevo Sello de Vivienda Sustentable, Ministry of the Interior Works (Buenos Aires) 7 November 2019. Access Date: 2 February 2020. <https://www.argentina.gob.ar/noticias/nuevo-sello-de-vivienda-sustentable>.

⁹⁴⁰ ACUMAR entregó camiones recolectores a municipios de la Cuenca Matanza Riachuelo, Ministry of the Interior (Buenos Aires) 5 December 2019. Access Date 2 February 2020. <https://www.argentina.gob.ar/noticias/acumar-entregó-camiones-recolectores-municipios-de-la-cuenca-matanza-riachuelo>.

investment of more than ARS100 million with the aim that the cabins will provide greater efficiency for those wanting to travel across the border for commercial or tourism purposes.⁹⁴¹

Argentina has fully complied with its commitment by acting in four of the six commitment areas, such as encouraging sustainable growth and development, integrating social considerations, integrating environmental considerations, strengthening infrastructure governance and building resilience against natural disasters and other risk.

Thus, Argentina has received a score of +1.

Analyst: Isabel Davis

Australia: +1

Australia has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 2 July 2019, Infrastructure Australia approved AUD2 billion of upgrades to Queensland motorways and added the project to the Infrastructure Priority List (a list of nationally significant projects for both short- and long-term future). The upgrades are in response to a growing population putting a strain on the current infrastructure and will improve road safety, decrease travel time and support economic development.⁹⁴²

On 8 July 2019, the Infrastructure Priority List was expanded to include an AUD300 million proposal to build new campuses for the University of Tasmania.⁹⁴³ This investment will create world-class campuses that will be able to deliver a new array of courses to meet the needs of modern industry.⁹⁴⁴

On 10 September 2019, Infrastructure Australia approved the proposal of the New South Wales (NSW) Government to build a four-lane bridge on the Princes Highway over the Shoalhaven River.⁹⁴⁵ This project was officially added to the Infrastructure Priority List as it will allow for greater freight transportation from Sydney to NSW, improve the general traffic movement and travel times and increase safety for motorists.⁹⁴⁶

On 8 January 2020, the Queensland Government's Peak Downs Highway Realignment Project was added to the Infrastructure Priority List to strategically enhance the economies of Mackay and

⁹⁴¹ Obras para mejorar el paso fronterizo Posadas-Encarnacion, un cambio importante para la ciudad, el turismo, y el comercio, Ministry of the Interior (Buenos Aires) 6 December 2019. Access Date: 2 February 2020. <https://www.argentina.gob.ar/noticias/obras-para-mejorar-el-paso-fronterizo-posadas-encarnacion-un-cambio-importante-para-la>.

⁹⁴² Infrastructure Australia green lights \$2 billion in Queensland, Infrastructure Australia (Sydney) 2 July 2019. Access Date: 29 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-green-lights-2-billion-queensland-road-upgrades>.

⁹⁴³ New UTs campuses for Burnie and Launceston a national priority, Infrastructure Australia (Sydney) 8 July 2019. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/new-utas-campuses-burnie-and-launceston-national-priority>.

⁹⁴⁴ CEO's Update, Infrastructure Australia (Sydney) 22 July 2019. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/newsletter/ceos-update-1>.

⁹⁴⁵ Infrastructure Australia approves Nowra Bridge Project, Infrastructure Australia (Sydney) 10 September 2019. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-approves-nowra-bridge-project>.

⁹⁴⁶ Infrastructure Australia approves Nowra Bridge Project, Infrastructure Australia (Sydney) 10 September 2019. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-approves-nowra-bridge-project>.

Queensland.⁹⁴⁷ The project will be designed to handle the very heavy loads diverted away from Walkerston's main street improved freight efficiency and increasing the safety of the locals.⁹⁴⁸

On 8 January 2020, the Western Australian government's Bindoon Bypass road upgrade project was welcomed to the Infrastructure Priority List due to urgent need to process more freight using the Great Northern Highway.⁹⁴⁹ The 61.6 kilometres of new highway, 4.4 kilometres of current infrastructure improvements and 12km of service roads will greatly improve the efficiency and safety of truck trips.⁹⁵⁰

On 26 February 2020, Infrastructure Australia unveiled the 2020 Infrastructure Priority List, including 147 proposals which are deemed to reflect Australia's diversity, the future of the nation's needs and to be of national significance.⁹⁵¹ The Infrastructure Priority List will focus on road maintenance, addressing the growing waste problem, and coastal inundation, thus maximizing the positive impact of infrastructure building resiliency, increasing safety of citizens and strengthening infrastructure governance.⁹⁵²

Australia has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration. Australia is maximizing the impact of its new infrastructure with actions in line with four principles: encouraging sustainable growth and development, integrating social considerations, building resiliency against disaster and strengthening infrastructure governance.

Thus, Australia has received a score of +1.

Analyst: Ilan Hughes

Brazil: +1

Brazil has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 29 July 2019, the Brazilian Special Secretariat of the Investment Partnership Program qualified an agreement between the Caixa Econômica Federal and the French Development Agency in the

⁹⁴⁷ Walkerston Bypass gets priority nod from Infrastructure Australia, Infrastructure Australia (Sydney) 8 January 2020. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/walkerston-bypass-gets-priority-nod-infrastructure-australia>.

⁹⁴⁸ Walkerston Bypass gets priority nod from Infrastructure Australia, Infrastructure Australia (Sydney) 8 January 2020. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/walkerston-bypass-gets-priority-nod-infrastructure-australia>.

⁹⁴⁹ Infrastructure Australia recognises Bindoon Bypass as a priority investment, Infrastructure Australia (Sydney) 8 January 2020. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-recognises-bindoon-bypass-priority-investment>.

⁹⁵⁰ Infrastructure Australia recognises Bindoon Bypass as a priority investment, Infrastructure Australia (Sydney) 8 January 2020. Access Date: 30 January 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-recognises-bindoon-bypass-priority-investment>.

⁹⁵¹ Call to action for infrastructure resilience, as water, waste and coastal inundation headline latest Infrastructure Priority List, Infrastructure Australia (Sydney) 26 February 2020. Access Date: 2 August 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/february-2020-infrastructure-priority-list>.

⁹⁵² Call to action for infrastructure resilience, as water, waste and coastal inundation headline latest Infrastructure Priority List, Infrastructure Australia (Sydney) 26 February 2020. Access Date: 2 August 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/february-2020-infrastructure-priority-list>

Itamaraty Palace, Brasilia.⁹⁵³ The agreement focuses on financial support for infrastructure regarding basic sanitation, public lighting and urban mobility and capitalizes on the technical knowledge of the French Development Agency.⁹⁵⁴

On 1 August 2019, Brazil's Investment Partnerships Program approved the construction of a new 269,000 square metres terminal in the Port of Suape.⁹⁵⁵ The construction costs are forecasted at a minimum of BRL1.2billion which will allow the renovated port to handle nearly 840,000 20-foot equivalent shipping containers per year, benefiting the Brazilian economy and creating jobs.⁹⁵⁶

On 21 August 2019, the 10th meeting of the Investment Partnerships Programs Council was held in Brasilia and qualified 29 new infrastructure initiatives as National Priorities.⁹⁵⁷ Highlights from the qualified initiatives include three new port terminals and environmental licensing for road section BR 158/MT and Castanheira, Telemaco Borba, Tabajara and Bem Querer Hydropower Plants, respectively. This meeting also showed a special consideration to maximizing efficiencies in planning, as well as for environmental projects.⁹⁵⁸

On 19 November 2019, Brazil's Council of the Investment Partnerships Program qualified 18 new infrastructure initiatives as National Priorities.⁹⁵⁹ The primary takeaways from the announcement were the inclusion of 5G telecommunications networks and the first-ever inclusion of health sector initiatives which demonstrates social considerations.⁹⁶⁰

On 19 December 2019, Brazil's National Land Transport Agency began the public hearing to amalgamate public contributions and suggestions for the new BR-116 Highway System contract which is expected to cost BRL17 billion.⁹⁶¹ This project will bring what was the first federal highway in Brazil up to the highest “technological quality in Latin America.”⁹⁶²

⁹⁵³ PPI/Casa Civil participates in the signing of an international agreement, The Investment Partnership Program (Brasilia) 29 July 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/ppi-casa-civil-participa-de-assinatura-de-acordo-internacional>

⁹⁵⁴ PPI/Casa Civil participates in the signing of an international agreement, The Investment Partnership Program (Brasilia) 29 July 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/ppi-casa-civil-participa-de-assinatura-de-acordo-internacional>

⁹⁵⁵ Container terminal project approved by TCU, The Investment Partnership Program (Brasilia) 1 August 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/projeto-de-terminal-de-conteneires-e-aprovado-pelo-tcu>.

⁹⁵⁶ Container terminal project approved by TCU, The Investment Partnership Program (Brasilia) 1 August 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/projeto-de-terminal-de-conteneires-e-aprovado-pelo-tcu>.

⁹⁵⁷ Unprecedented initiatives on social areas are the highlight of the 10th meeting of the PPI Council, The Investment Partnership Program (Brasilia) 21 August 2019. Access Date: 30 January 2020. <https://www.ppi.gov.br/10meetingppicouncil>.

⁹⁵⁸ Unprecedented initiatives on social areas are the highlight of the 10th meeting of the PPI Council, The Investment Partnership Program (Brasilia) 21 August 2019. Access Date: 30 January 2020. <https://www.ppi.gov.br/10meetingppicouncil>.

⁹⁵⁹ Federal Government qualifies 18 new initiatives in the Investment Partnership Program, The Investment Partnership Program (Brasilia) 19 November 2019. Access Date: 30 January 2020. <https://www.ppi.gov.br/11reuniaoacppi>.

⁹⁶⁰ Federal Government qualifies 18 new initiatives in the Investment Partnership Program, The Investment Partnership Program (Brasilia) 19 November 2019. Access Date: 30 January 2020. <https://www.ppi.gov.br/11reuniaoacppi>.

⁹⁶¹ Public hearing opened on the concession of BR-116 / RJ / SP, qualified in PPI / Casa Civil, The Investment Partnership Program (Brasilia) 19 December 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/aberta-audiencia-publica-acerca-da-concessao-da-br-116-rj-sp-qualificada-no-ppi-casa-civil>.

⁹⁶² Public hearing opened on the concession of BR-116 / RJ / SP, qualified in PPI / Casa Civil, The Investment Partnership Program (Brasilia) 19 December 2019. Access Date: 31 January 2020. <https://www.ppi.gov.br/aberta-audiencia-publica-acerca-da-concessao-da-br-116-rj-sp-qualificada-no-ppi-casa-civil>.

On 17 January 2020, the São Paulo State Government sponsored Piracicaba-Panorama Road Concession was completed, which integrated 62 Cities within São Paulo State through 1,273 kilometre of maintenance and new highway.⁹⁶³ This project, valued at USD3,397.4 million will use technology to provide frequent user discounts, is part of Brazil's Zero Carbon Program for Highway Operation and is committed to improving road safety.⁹⁶⁴

On 19 February 2020, the Board of the Investment Partnership Program (PPI) qualified 22 new initiatives as national priorities.⁹⁶⁵ PPI Special Secretary, Martha Seillier, stated that the goal of these new initiatives was largely to create a greener PPI, hereby contributing to sustainability and integrating environmental considerations.⁹⁶⁶

On 27 February 2020, the Tarcisio Gomes de Freitas, the Transportations Minister, signed a contract leasing the Paranaguá Container Terminal to Klabin, a paper producer and exporter, for 25 years.⁹⁶⁷ The construction of new warehouses is predicted to grow the forest industry by allowing the port to handle larger capacities of product, maximizing economic efficiency of the port.⁹⁶⁸

Brazil has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration. Brazil has acted both unilaterally and multilaterally to maximize the impact of its infrastructure. It has focused on resilience against natural disasters and implemented social considerations with a renewed focus on health sector initiatives, environmental consideration with large hydro-power construction, introduced new technologies, and benefited the economy through improved mobility and new job prospects.

Thus, Brazil has received a score of +1

Analyst: Ilan Hughes

Canada: +1

Canada has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

⁹⁶³ Piracicaba-Panorama Road Concession (State of São Paulo), Global Infrastructure Hub (Sydney) 17 January 2020. Access Date: 30 January 2020. <https://pipeline.github.org/Project/ProjectDetails/975>.

⁹⁶⁴ Piracicaba-Panorama Road Concession (State of São Paulo), Global Infrastructure Hub (Sydney) 17 January 2020. Access Date: 30 January 2020. <https://pipeline.github.org/Project/ProjectDetails/975>.

⁹⁶⁵ PPI Council qualifies 22 projects as national priorities, The Investment Partnership Program (Brasilia) 20 February 2020. Access Date: 2 April 2020. <https://www.ppi.gov.br/12cppi>.

⁹⁶⁶ PPI Council qualifies 22 projects as national priorities, The Investment Partnership Program (Brasilia) 20 February 2020. Access Date: 2 April 2020. <https://www.ppi.gov.br/12cppi>.

⁹⁶⁷ Contract for pulp movement signed at the Port of Paranaguá / PR, qualified in PPI, The Investment Partnership Program (Brasilia) 27 February 2020. Access Date: 2 April 2020. <https://www.ppi.gov.br/assinado-contrato-para-movimentacao-de-cellulose-no-porto-de-paranagua-qualificado-no-ppi>.

⁹⁶⁸ Contract for pulp movement signed at the Port of Paranaguá / PR, qualified in PPI, The Investment Partnership Program (Brasilia) 27 February 2020. Access Date: 2 April 2020. <https://www.ppi.gov.br/assinado-contrato-para-movimentacao-de-cellulose-no-porto-de-paranagua-qualificado-no-ppi>.

On 15 July 2019, the Canada Infrastructure Bank (CIB) pledged up to CAD20 million to the Township of Mapleton's water and wastewater project. The aim of the project is to provide a pilot structuring and financing model for upgrades to municipal water and wastewater projects.⁹⁶⁹

On 1 August 2019, CIB agreed to work with the Lulu Island Energy Company on a district energy project, in line with their commitment to green infrastructure projects. The project will expand the pre-existing facilities from 330,000 square meters to 4.7 million square meters, conditional on the local government's approval.⁹⁷⁰

On 1 August 2019, the Minister of Rural Economic Development Bernadette Jordan announced the Government of Canada will contribute CAD2.6 million to water and wastewater projects in the Municipality of the District and Lunenburg and the Town of Bridgewater as part of the Green Infrastructure Stream in the Investing in Canada infrastructure plan. The goal of these water and wastewater projects will be to decontaminate and upgrade wastewater facilities to support green and dynamic, healthy communities and protect the environment.⁹⁷¹

On 1 August 2019, Member of Parliament of Gatineau Steven MacKinnon together with the Mayor of Gatineau Maxime Pedneaud-Jobin announced funding worth CAD22.5 million "to make essential improvements to the stormwater and runoff management systems in the Wabassee Creek watershed" as part of the Government of Canada's Disaster Mitigation and Adaptation Fund. The goal of the project is to help mitigate the impacts of increased natural disasters due to climate change on Canadian families and businesses.⁹⁷²

On 1 August 2019, Minister of Defence Harjit Sajjan announced funding worth CAD250 million towards "repairs and upgrades to...armories and training facilities over the next 5 years," CAD38 million which will be used in the upcoming fiscal year. The goal of the funding is to "increase the operational effectiveness of reserve units and regiments."⁹⁷³

On 7 August 2019, the Minister of Infrastructure and Communities Francois-Philippe Champagne announced funding worth CAD16 million to "secure the town of Victoriaville's drinking water supply" through the Government of Canada's Disaster Mitigation and Adaptation Fund. The goal of

⁹⁶⁹ Canada Infrastructure Bank Announces up to \$20 million Investment Commitment in Mapleton Water and Wastewater Project 15/07/2019, Canada Newswire (Toronto) 15 July 2019. Access Date: 26 January 2020.

<https://www.newswire.ca/news-releases/canada-infrastructure-bank-announces-up-to-20-million-investment-commitment-in-mapleton-water-and-wastewater-project-818217240.html>.

⁹⁷⁰ Canada Infrastructure Bank Signs Memorandum of Understanding with the City of Richmond's Lulu Island Energy Company 1/08/2019, Canada Newswire (Toronto) 1 August 2019. Access Date: 26 January 2020.

<https://www.newswire.ca/news-releases/canada-infrastructure-bank-signs-memorandum-of-understanding-with-the-city-of-richmond-s-lulu-island-energy-company-842672336.html>.

⁹⁷¹ Residents to benefit from a soil remediation project in the Municipality of the District of Lunenburg and a wastewater upgrade project in the Town of Bridgewater 01/08/2019, Newswire (Toronto) 1 August 2019. Access Date: 27 January 2020. <https://news.ontario.ca/moi/en/2020/01/guelph-residents-to-benefit-from-improved-green-public-transit-infrastructure-1.html>.

⁹⁷² Better flood protection for Gatineau residents 01/08/2019, Newswire (Toronto) 1 August 2019. Access Date: January 27, 2020. <https://www.newswire.ca/news-releases/better-flood-protection-for-gatineau-residents-844036326.html>.

⁹⁷³ Defence Department to spend \$250 million over five years on reserves for infrastructure, gear 01/08/2019, The Canadian Press (Toronto) 1 August 2019. Access Date: January 28, 2020.

https://www.google.com/search?q=the+canadian+press&rlz=1C5CHFA_enCA751CA751&oq=the+canadian+press&aqs=chrome.0.0l8.1959j0j1&sourceid=chrome&ie=UTF-8.

the project is to reduce the impact and protect local families and businesses from droughts and forest fires, which are “worsening due to climate change.”⁹⁷⁴

On 7 August 2019, the Canadian digital research infrastructure company CANARIE announced funding by the Government of Canada worth CAD137 million during its 2020-2024 mandate, as well as an addition CAD8 million in 2020 “to advance northern connectivity and cybersecurity initiatives.” The aim of the 2020-2024 mandate is “network evolution and initiatives that ensure Canada’s researchers and entrepreneurs realize the benefits of cloud technology, big data, and global research collaborations.”⁹⁷⁵

On 9 August 2019, the Minister of Infrastructure and Communities Francois-Philippe Champagne announced funding worth over CAD21.1 million towards “a new collections storage facility at the Reynolds-Alberta Museum” as part of the Government of Canada’s New Building Canada Fund — Provincial-Territorial Infrastructure Component — National and Regional Projects. The goal of the project is to “accommodate current and future artifacts and protect them from environmental elements” in an effort to promote tourism and conserve Canada’s heritage.⁹⁷⁶

On 9 August 2019, Minister of Rural Economic Development Bernadette Jordan and Minister of Community Services Kelly Regan announced joint funding worth over CAD2.07 million “for the construction of a permanent timber pile wharf...in Halifax Harbour,” in addition to CAD1.6 million worth of funding by the Canadian Government towards the Georges Island National Historic Site. These projects “aim to ensure safe access to the island” and to enhance the historical and cultural attraction of Halifax Harbour.⁹⁷⁷

On 13 August 2019, Bernadette Jordan, Minister of Rural Economic Development and Alfred Moses, Minister of Municipal and Community Affairs, pledged over CAD31.3 million to 19 strategic infrastructure investment projects across the Northwest Territories as part of various streams in the Government of Canada’s Investing in Canada infrastructure plan. The aim of the project is to fund waste and wastewater projects, community and cultural centers and accessible, modern infrastructure for families.⁹⁷⁸

On 19 August 2019, the Minister of Infrastructure and Communities Francois-Philippe Champagne announced funding worth CAD6,160,000 to improve transit in Metro Vancouver as part of the Public Transit Infrastructure Stream Investing in Canada infrastructure plan. The project will include new escalators and improvements to the PA system, CCTV cameras and Passenger Information

⁹⁷⁴ Increased drought protection for Victoriaville residents and businesses 07/08/2019, Newswire (Toronto) 7 August 2019. Access Date: January 27, 2020. <https://www.newswire.ca/news-releases/increased-drought-protection-for-victoriaville-residents-and-businesses-891176769.html>.

⁹⁷⁵ Government of Canada invests \$137M in CANARIE to renew its mandate in 2020-2024 07/08/2019, Global Newswire (Ottawa) 7 August 2019. Access Date: January 28, 2020. <https://www.globenewswire.com/news-release/2019/08/07/1898606/0/en/Government-of-Canada-invests-137M-in-CANARIE-to-renew-its-mandate-for-2020-2024.html>.

⁹⁷⁶ Government of Canada supports expansion of Reynold’s-Alberta Museum Collections Facility in East Wetaskiwin 09/08/2019, Canada Newswire (Toronto) 9 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-expansion-of-reynolds-alberta-museum-collections-facility-in-east-wetaskiwin-838689256.html>.

⁹⁷⁷ Halifax to benefit from safe access to Georges Island, offering new visitor experiences, Canada Newswire (Toronto) 9 August 2019. Access Date: 28 January 2020. <https://www.newswire.ca/news-releases/halifax-to-benefit-from-safe-access-to-georges-island-offering-new-visitor-experiences-858361645.html>.

⁹⁷⁸ Residents across the Northwest Territories to benefit from 19 infrastructure projects 13/08/2019, Newswire (Toronto) 13 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/residents-across-the-northwest-territories-to-benefit-from-19-infrastructure-projects-876688985.html>.

Displays to help to create “inclusive communities where everyone has access to public services and job opportunities” as well as to “reduce air pollution.”⁹⁷⁹

On 19 August 2019, Minister of Rural Economic Development Bernadette Jordan and Minister of Community and Government Services Lorne Kusugak announced joint funding worth over CAD151 million towards submarine fibreoptic cable from Iceland to Nunavut, as part of the Rural and Northern Communities Stream of the Investing in Canada infrastructure plan. The project will “connect 3215 households in Nunavut to high speed internet services,” enhancing services for the communities and supporting economic growth.⁹⁸⁰

On 22 August 2019, Premier of Ontario Doug Ford announced Ontario will be investing nearly CAD20 million worth of funding towards 11 new transit projects “to help municipalities repair or build critical infrastructure” as part of the Investing in Canada infrastructure plan. The projects will take place across Barrie, Orillia and Midland with the goal of boosting the local economy and reinvestment in community services and programs.⁹⁸¹

On 23 August 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities, announced the commitment of over CAD123 million towards 10 public transit and active transportation projects in London, Ontario as part of the Public Transit Infrastructure Stream in the Government of Canada’s Investing in Canada infrastructure program. The aim of the project is to improve safety and service reliability and to shorten travel times for London residents by providing affordable transportation. This project will support local job and overall economic growth.⁹⁸²

On 23 August 2019, the Minister of International Development and Minister for Women and Gender Equality Maryam Monsef announced funding worth CAD917,000 through the Rural and Northern Communities Infrastructure Stream of the Investing in Canada Infrastructure Plan. The project includes roadwork that will “improve the safety for all users” and ensure “modern and reliable networks of roads and bridges” in Trent Lakes, “positioning [the community] for growth and long-term prosperity.”⁹⁸³

On 26 August 2019, Bernadette Jordan, Minister of Rural Economic Development and Bill Oliver, Minister of Transportation and Infrastructure, pledged over CAD1.5 million to the rural communities, Village of Chipman and Weldford Parish as part of the Government of Canada’s Rural

⁹⁷⁹ Canada invests in improving public transit amenities at Brentwood Town Centre Station 19/08/2019, Newswire (Toronto) 19 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/canada-invests-in-improving-public-transit-amenities-at-brentwood-town-centre-station-829089685.html>

⁹⁸⁰ Nunavut residences to benefit from high speed internet 19/08/2019, Newswire (Toronto) 19 August 2019. Access Date: January 28, 2020. <https://www.newswire.ca/news-releases/nunavut-residents-to-benefit-from-high-speed-internet-806159319.html>.

⁹⁸¹ Ontario Improving Transit in Barrie, Orillia, and Midland 22/08/2019, Newsroom (Toronto) 22 August 2019. Access Date: January 28, 2020. <https://news.ontario.ca/opo/en/2019/08/ontario-improving-transit-in-barrie-orillia-and-midland.html>.

⁹⁸² London residents to benefit from improved public transit and active transportation infrastructure 23/08/2019, Newswire (Toronto) 23 August 2019. Access Date: January 27, 2020. <https://www.newswire.ca/news-releases/london-residents-to-benefit-from-improved-public-transit-and-active-transportation-infrastructure-840776849.html>.

⁹⁸³ Reconstruction of Beaver Lake Road will improve safety for all road users in Trent Lakes 23/08/2019, Newswire (Toronto) 23 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/reconstruction-of-beaver-lake-road-will-improve-safety-for-all-road-users-in-trent-lakes-807264544.html>.

and Northern Communities Infrastructure Stream. The goal is to build infrastructure for essential services and to maintain the safety of pre-existing infrastructure such as roads and energy systems.⁹⁸⁴

On 26 August 2019, Minister of National Revenue Diane Lebouthillier announced funding worth over CAD45.8 million to repair ten parts of the Gaspésie railway through the Disaster Mitigation and Adaption Fund. This project aims to reduce the impact of natural disasters on Canadian communities due to “frequent and intensifying weather events caused by climate change.”⁹⁸⁵

On 27 August 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities pledged more than CAD100 million to be distributed among 15 projects as part of the Green Infrastructure Stream of the Government of Canada’s Investing in Canada plan and the Small Communities Fund of the New Building Canada Fund. Six of the projects will be dedicated to small communities and the other nine towards modernizing existing systems, with the goal of improving drinking water and wastewater services in the province of British Columbia.⁹⁸⁶

On 29 August 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities pledged more than CAD57 million towards 5 public transport projects in the Region of Waterloo towards the Public Transit Infrastructure Stream in the Government of Canada’s Investing in Canada infrastructure plan. The goal of the plan is to “increase the capacity of the public transit system in the region” and to provide affordable and sustainable transportation services to its residents which supports economic growth.⁹⁸⁷

On 29 August 2019, Parliamentary Secretary to the Minister of Intergovernmental and Northern Affairs and Internal Affairs Yvonne Jones and the Government of Quebec announced funding together worth CAD40.5million as a joint investment into rural Nunavik communities through the Rural and Northern Communities Infrastructure Stream of the Investing in Canada Infrastructure Plan, Indigenous Services Canada and the Aboriginal Affairs Secretariat. The purpose of the project is to provide residential rehabilitation services to people with addictions, preserve culture and “to help keep families together and improve children’s living conditions.”⁹⁸⁸

On 30 August 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities and Patty Hajdu, Minister of Employment, Workforce and Labour announced funding worth over CAD37 million to expand a highway as part of the Building Canada Fund-Major Infrastructure Component. Funding will be conditional on environmental assessment requirements and the consultation by the Government of Ontario with local Indigenous groups. The purpose of the project is to expand an 8.6 kilometre section of the highway and construct two new bridges to help

⁹⁸⁴ Residents of Village of Chipman and Weldford Parish to benefit from infrastructure improvements 26/08/2019, Canada Newswire (Toronto) 26 August 2019. Access Date: 26 January 2020. <https://www.newswire.ca/news-releases/residents-of-village-of-chipman-and-weldford-parish-to-benefit-from-infrastructure-improvements-805637165.html>.

⁹⁸⁵ Canada invests in protecting the Gaspesie against erosion and restoring railway transportation 26/08/2019, Newswire (Toronto) 26 August 2019. Access Date: January 26, 2020. <https://www.newswire.ca/news-releases/canada-invests-in-protecting-the-gaspesie-against-erosion-and-restoring-railway-transportation-899458932.html>.

⁹⁸⁶ Better drinking water and wastewater systems coming to multiple BC communities 27/08/2019, Canada Newswire (Toronto) 27 August 2019. Access Date: January 26, 2020. <https://www.newswire.ca/news-releases/better-drinking-water-and-wastewater-systems-coming-to-multiple-bc-communities-893033744.html>.

⁹⁸⁷ Residents in the Waterloo Region to benefit from improved public transit infrastructure 29/08/2019, Newswire (Toronto) 29 August 2019. Access Date: January, 27 2020. <https://www.newswire.ca/news-releases/residents-in-the-waterloo-region-to-benefit-from-improved-public-transit-infrastructure-881228223.html>.

⁹⁸⁸ Canada and Quebec invest to improving health services for Nunavik communities 29/08/2019, Newswire (Toronto) 29 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-to-improving-health-services-for-nunavik-communities-835123235.html>.

“businesses move their goods to customer markets...building a strong economy for all Canadians.”⁹⁸⁹

On 4 September 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities announced funding worth over CAD33.7 million through the Disaster Mitigation and Adaption Fund for the Toronto Waterfront Erosion Hazard Mitigation Project. The aim of the project is to “rehabilitate 80 structural assets along the north shore of Lake Ontario” and protect parks, trails, and other municipal infrastructure against flooding and erosion risks, due to climate change.⁹⁹⁰

On 4 September 2019, Francois-Philippe Champagne, Minister of Infrastructure and Communities pledged over CAD98.3 million to 16 local infrastructure projects throughout the Yukon, including green energy updates and local public work facilities, as part of the Government of Canada’s Investing in Canada infrastructure plan and Small Communities Fund (SCF).⁹⁹¹

On 5 September 2019, Rodger Cruzner, Parliamentary Secretary to the Minister of Employment, Workforce Development and Labour, announced that over CAD39.1 million will be used to support the construction of two new wastewater treatment facilities for the residents of Cape Breton, as part of the Green Infrastructure Stream of the Government of Canada’s Investing in Canada plan.⁹⁹²

On 5 September 2019, the Minister of Infrastructure and Communities Francois-Philippe Champagne announced funding worth CAD29 million towards the construction of the Canada Games Park in the City of Thorold and upgrades to recreational fields and buildings in surrounding communities as part of the Community, Culture and Recreation Infrastructure Stream of the Government of Canada’s Investing in Canada infrastructure program. The goal of the project is to benefit local and national athletes, especially residents of the Niagara region and to support dynamic, healthy communities.⁹⁹³

On 21 December 2019, the Minister of Infrastructure and Communities Catherine McKenna announced funding worth CAD12.6 million for joint funding for “new handy DART operations and maintenance facility in View Royal” through the Public Transit Infrastructure Stream of the Investing in Canada infrastructure program. The aim of the project is to provide more transit services in Greater Victoria to accommodate expected increases in demand and to better accommodate residents with disabilities. The facility will be BC Transit’s first to be LEED Gold certified.⁹⁹⁴

⁹⁸⁹ Residents of Northern Ontario to benefit from expansion of Highway 11/17 30/08/2019, Canada Newswire (Toronto) 30 August 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/residents-of-northern-ontario-to-benefit-from-expansion-of-highway-11-17-837858466.html>.

⁹⁹⁰ Canada helps protect communities across the City of Toronto from erosion and flooding 04/09/2019, Newswire (Toronto) 4 September 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/canada-helps-protect-communities-across-the-city-of-toronto-from-erosion-and-flooding-801293284.html>.

⁹⁹¹ Yukoners to benefit from 16 local infrastructure projects across the territory 04/09/2019, Canada Newswire (Toronto) 4 September 2019. Access Date: 26 January 2020. <https://www.newswire.ca/news-releases/yukoners-to-benefit-from-16-local-infrastructure-projects-across-the-territory-832167661.html>.

⁹⁹² Cape Breton residents to benefit from wastewater treatment infrastructure 05/09/2019, Canada Newswire (Toronto) 5 September 2019. Access Date: 26 January 2020. <https://www.newswire.ca/news-releases/cape-breton-residents-to-benefit-from-wastewater-treatment-infrastructure-883131119.html>.

⁹⁹³ New federal investment in 2021Canada Games sport facilities 05/09/2019, Canada Newswire (Toronto) 5 September 2019. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/new-federal-investment-in-2021-canada-games-sport-facilities-844372948.html>.

⁹⁹⁴ Keeping B.C. residents connected with improved transit services 21/12/2019, Mirage News (Wollongong) 21 December 2019. Access Date: 27 January 2020. <https://www.miragenews.com/keeping-bc-residents-connected-with-improved-transit-services/>.

On 14 January 2020, the Minister of Infrastructure and Communities Catherine McKenna and the Minister of Transportation, Infrastructure and Energy Steven Meyers announced funding of over CAD26.3 million for the construction of “a solar energy farm and storage facility in Summerside.” The project is funded through the Green Infrastructure Stream of the Government of Canada’s Investing in Canada infrastructure plan as an investment in innovative green infrastructure and aims to improve the energy efficiency of the City of Summerside so it can “meet 62 per cent of its electricity needs through renewable energy and reduce carbon dioxide emissions by 21,000 tonnes per year.”⁹⁹⁵

On 16 January 2020, the Minister of Infrastructure and Communities Catherine McKenna announced funding for the city of Guelph to replace 35 diesel busses and purchase 30 electric busses. The project is a part of the Public Transit Infrastructure Stream in the Government of Canada’s Investing in Canada infrastructure plan and will seek to expand transportation capacity and reduce emissions.⁹⁹⁶

On 17 January 2020, Minister of Infrastructure Laurie Scott and Premier of Ontario Doug Ford announced funding worth CAD200 million “to help 424 small, rural and northern communities build and repair critical local infrastructure, including roads, bridges, water and wastewater infrastructure.” Funding will be received through the Ontario Community Infrastructure Fund and the aim of the project is to provide small, rural and northern communities with reliable, safe infrastructure to sustain local economies.⁹⁹⁷

On 6 February 2020, Catherine McKenna, Minister of Infrastructure and Communities together with Bill Karsten, President of the Federation of Canadian Municipalities, announced funding worth over CAD2.5 million toward 11 new projects as part of the Green Municipal Fund.⁹⁹⁸ These projects align with the principle of integrating environmental considerations in infrastructure investments and include testing electric public transport, thermophilic composters and helping low-income households minimize their greenhouse gas emissions.⁹⁹⁹

On 13 February 2020, Catherine McKenna, Minister of Infrastructure and Communities and Bill Karsten, President of the Federation of Canadian Municipalities, announced funding worth over CAD500,000 for 14 new projects as part of the Municipal Asset Management Program.¹⁰⁰⁰ These projects will help rural Quebec communities “plan, build and maintain their roads, bridges, water treatment plants and other assets more strategically and ensure their infrastructure dollars go

⁹⁹⁵ Summerside to benefit from a new solar farm 14/01/2020, Newswire (Toronto) 14 January 2020. Access Date: 27 January 2020. <https://www.newswire.ca/news-releases/summerside-to-benefit-from-a-new-solar-farm-848061014.html>.

⁹⁹⁶ Guelph Residents to Benefit from Improved Green Public Transit Infrastructure 16/01/2020, Ontario Newsroom (Toronto) 16 January 2020. Access Date: 26 January 2020. <https://news.ontario.ca/moi/en/2020/01/guelph-residents-to-benefit-from-improved-green-public-transit-infrastructure-1.html>.

⁹⁹⁷ Ontario Investing \$200 Million in Small, Rural and Northern Communities 17/01/2020, Ontario Newsroom (Parry Sound) 17 January 2020. Access Date: 28 January 2020. <https://news.ontario.ca/opo/en/2020/01/ontario-investing-200-million-in-small-rural-and-northern-communities.html>.

⁹⁹⁸ Canadian communities receive federal support for sustainability projects 06/02/2020, Canada Newswire (Ottawa) 6 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canadian-communities-receive-federal-support-for-sustainability-projects-800967384.html>.

⁹⁹⁹ Canadian communities receive federal support for sustainability projects 06/02/2020, Canada Newswire (Ottawa) 6 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canadian-communities-receive-federal-support-for-sustainability-projects-800967384.html>.

¹⁰⁰⁰ Quebec communities receive federal support for infrastructure planning 13/02/2020, Canada Newswire (Ottawa) 13 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/quebec-communities-receive-federal-support-for-infrastructure-planning-880025994.html>.

further.”¹⁰⁰¹ This funding is in line with Canada’s commitment to maximizing the impact of infrastructure on sustainable growth and development.¹⁰⁰²

On 20 February 2020, Maryam Monsef, Minister of Women and Gender Equality and Rural Economic Development, together with Jonatan Julien, Minister of Energy and Natural Resources, announced joint funding worth over CAD4.8 million to provide a road stop with approximately 41 kilometres of power line.¹⁰⁰³ This project is part of the Rural and Northern Communities stream of the Investing in Canada plan and will integrate the societal and environmental considerations of rural and northern communities, serving over 11,000 residents with a more efficient and reliable energy source.¹⁰⁰⁴

On 20 February 2020, Maryam Monsef, Minister of Women and Gender Equality and Rural Economic Development, together with Jonatan Julien, Minister of Energy and Natural Resources, announced funding worth nearly CAD2.9 million to replace 31 culverts on a rural road in Quebec.¹⁰⁰⁵ This project is part of the Rural and Northern Communities stream of the Investing in Canada plan and will integrate the societal considerations of rural and northern communities, serving over 6,000 residents and ensuring the provision of necessary resources without interruption.¹⁰⁰⁶

On 21 February 2020, Minister of Infrastructure and Communities Catherine McKenna and Minister of Transportation, Infrastructure and Energy Steven Myers announced funding worth over CAD303,000 towards expanding “the Tignish Co-Op Health Centre to include a community and recreational space.”¹⁰⁰⁷ The funding is through the Community, Culture and Recreation Stream (CCRIS) of the Investing in Canada infrastructure plan and will integrate social considerations by providing a variety of programs and services for seniors, new mothers, and youth in the area.¹⁰⁰⁸

¹⁰⁰¹ Quebec communities receive federal support for infrastructure planning 13/02/2020, Canada Newswire (Ottawa) 13 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/quebec-communities-receive-federal-support-for-infrastructure-planning-880025994.html>.

¹⁰⁰² Quebec communities receive federal support for infrastructure planning 13/02/2020, Canada Newswire (Ottawa) 13 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/quebec-communities-receive-federal-support-for-infrastructure-planning-880025994.html>.

¹⁰⁰³ Canada and Quebec are investing in improved access to renewable energy in northern Quebec 20/02/2020, Canada Newswire (James Bay) 20 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-are-investing-in-improved-access-to-renewable-energy-in-northern-quebec-814894526.html>.

¹⁰⁰⁴ Canada and Quebec are investing in improved access to renewable energy in northern Quebec 20/02/2020, Canada Newswire (James Bay) 20 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-are-investing-in-improved-access-to-renewable-energy-in-northern-quebec-814894526.html>.

¹⁰⁰⁵ Canada and Quebec are investing in the long-term sustainability of a key road link in northern Quebec 20/02/2020, Canada Newswire (Chisasibi) 20 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-are-investing-in-the-long-term-sustainability-of-a-key-road-link-in-northern-quebec-805829999.html>.

¹⁰⁰⁶ Canada and Quebec are investing in the long-term sustainability of a key road link in northern Quebec 20/02/2020, Canada Newswire (Chisasibi) 20 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-are-investing-in-the-long-term-sustainability-of-a-key-road-link-in-northern-quebec-805829999.html>.

¹⁰⁰⁷ Tignish residents to benefit from the Co-op Health Centre expansion 21/02/2020, Newswire (Tignish) 21 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/tignish-residents-to-benefit-from-the-co-op-health-centre-expansion-860818763.html>.

¹⁰⁰⁸ Tignish residents to benefit from the Co-op Health Centre expansion 21/02/2020, Newswire (Tignish) 21 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/tignish-residents-to-benefit-from-the-co-op-health-centre-expansion-860818763.html>.

On 26 February 2020, Minister of Infrastructure and Communities Catherine McKenna and Minister of Infrastructure Laurie Scott announced funding worth over CAD1.6 million for ten public transit infrastructure projects in the City of Stratford.¹⁰⁰⁹ The funding is through the Public Transit Infrastructure Stream (PTIS) of the Investing in Canada infrastructure plan and will improve the city's public transit fleet and supporting infrastructure, as well as "pilot the design of new bus routes using an application-based, 'on-demand' software."¹⁰¹⁰ This project is in-line with Canada's commitment to integration societal considerations and maximizing the positive impact of its infrastructure investments.¹⁰¹¹

On 2 March 2020, Minister of Infrastructure and Communities Catherine McKenna announced funding worth over CAD18.7 million "for the Birtle Transmission Line linking Saskatchewan to Manitoba's green, renewable energy," through the Green Infrastructure Stream in the *Investing in Canada* plan.¹⁰¹² The project integrates environmental considerations with the aim to provide 215 megawatts of hydroelectric renewable energy funding to maintain stable, affordable energy.¹⁰¹³

Canada has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration. Canada is maximizing the impact of its new infrastructure through actions that are in line with five of the principles outlined: strengthening infrastructure governance, encouraging sustainable growth and development, integrating social considerations, integrating environmental considerations, and building resilience against natural disasters and other risks.

Thus, Canada has received a score of +1.

Analyst: Georgia Gibbings

China: +1

China has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 13 September 2019, the National Development and Reform Commission approved the construction of a new high-speed railway linking the southwestern cities of Chongqing and Kunming.¹⁰¹⁴ The project is aimed at advancing development of the Yangtze River economic belt,

¹⁰⁰⁹ Stratford residents to benefit from new public transit infrastructure and accessible buses 26/02/2020, Canada Newswire (Stratford) 26 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/stratford-residents-to-benefit-from-new-public-transit-infrastructure-and-accessible-buses-865679479.html>.

¹⁰¹⁰ Stratford residents to benefit from new public transit infrastructure and accessible buses 26/02/2020, Canada Newswire (Stratford) 26 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/stratford-residents-to-benefit-from-new-public-transit-infrastructure-and-accessible-buses-865679479.html>.

¹⁰¹¹ Stratford residents to benefit from new public transit infrastructure and accessible buses 26/02/2020, Canada Newswire (Stratford) 26 February 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/stratford-residents-to-benefit-from-new-public-transit-infrastructure-and-accessible-buses-865679479.html>.

¹⁰¹² Transmission line to reduce greenhouse gas emissions and create more reliable power supply 02/03/2020, Canada Newswire (Winnipeg) 2 March 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/transmission-line-to-reduce-greenhouse-gas-emissions-and-create-more-reliable-power-supply-870531530.html>.

¹⁰¹³ Transmission line to reduce greenhouse gas emissions and create more reliable power supply 02/03/2020, Canada Newswire (Winnipeg) 2 March 2020. Access Date: 23 March 2020. <https://www.newswire.ca/news-releases/transmission-line-to-reduce-greenhouse-gas-emissions-and-create-more-reliable-power-supply-870531530.html>.

¹⁰¹⁴ NDRC approves high-spread rail project in SW China, The State Council of the People's Republic of China (Beijing) September 2019. Access Date: February 2020. http://english.www.gov.cn/statecouncil/ministries/201909/13/content_WS5d7b8d50c6d0bcf8c4c1357a.html.

accelerating the construction of the high-speed rail corridor between Beijing and Kunming, strengthening ties between city clusters and promoting economic and social development and poverty reduction along the route.¹⁰¹⁵

On 15 November 2019, National Development and Reform Commission approved development projects for the Guangdong-Hong Kong-Macao Greater Bay Area, involving projects for the region in aspects like infrastructural connectivity, ecological and environmental protection, industrial development and inter-city railway.¹⁰¹⁶

On 28 November 2019, China launched a national information monitoring and service platform for public-private partnership (PPP) projects, with urban infrastructure reporting 2,734 projects with a total investment of CNY4.18 trillion. This new platform and associated processes allow for some transparency and oversight of PPP projects, including through the release of supervision reports and warnings on “abnormal” projects.¹⁰¹⁷

On 28 November 2019, the China National Petroleum Corporation announced that natural gas will start flowing through the China-Russia east route natural gas pipeline and will help meet clean energy demand in several places across Northeast China, the Beijing-Tianjin-Hebei region, and the Yangtze River Delta area. “It will not only increase gas supplies to targeted areas, but also has great significance in improving pipeline infrastructure construction and interconnection, as well as enticing market competition to reduce gas costs.” This will support the economic growth of the country as well.¹⁰¹⁸

On 1 December 2019, the Communist Party of China Central Committee and the State Council jointly issued an outline for the integrated regional development of the Yangtze River Delta, which maps development for a 358,000-square km expanse and will establish a coordinated innovative industry system, enhancing connectivity of infrastructure and strengthening environmental protection.¹⁰¹⁹

On 6 December 2019, the Communist Party of China Central Committee and the State Council issued a plan on the construction of national culture parks for the Great Wall, the Beijing-Hangzhou Grand Canal and the Long March. China aims to complete the construction of the parks by 2023 with related cultural resources enjoying better protection, inheritance and utilization.¹⁰²⁰

On 9 January 2020, Ministry of Water Resources announced China spent a record CNY726 billion (USD104.46 billion) on water conservation infrastructure projects in 2019, with improved drinking

¹⁰¹⁵ NDRC approves high-spread rail project in SW China, The State Council of the People’s Republic of China (Beijing) September 2019. Access Date: February 2020.

http://english.www.gov.cn/statecouncil/ministries/201909/13/content_WS5d7b8d50c6d0bcf8c4c1357a.html.

¹⁰¹⁶ China to accelerate approvals of development projects for Greater Bay Area, Xinhua Net (Xinhua) 15 November 2019. Access Date: 30 January 2020. http://www.xinhuanet.com/english/2019-11/15/c_138558657.htm.

¹⁰¹⁷ China launches national information platform for PPP projects, Xinhua Net (Xinhua) 28 November 2019. Access Date: 30 January 2020. http://www.xinhuanet.com/english/2019-11/28/c_138590218.htm.

¹⁰¹⁸ China National Petroleum Corporation announces new oil and gas reserves, Xinhua Net (Xinhua) 29 September 2019. Access Date: 31 January 2020. http://www.xinhuanet.com/english/2019-09/29/c_138434343.htm.

¹⁰¹⁹ China outlines integrated development of Yangtze River Delta, China Daily (Beijing) 1 December 2019. Access Date: 31 January 2020. <https://www.chinadaily.com.cn/a/201912/01/WS5de3c955a310cf3e3557b2ff.html>.

¹⁰²⁰ China issues plan on building national culture parks, Xinhua Net (Xinhua) 6 December 2019. Access Date: 31 January 2020. http://www.xinhuanet.com/english/2019-12/06/c_138610561.htm

water quality in rural areas that benefited 54.8 million people. The country also addressed the problem of excessive fluoride in drinking water for 6.15 million rural people.¹⁰²¹

China has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration. China's actions have fallen in line with four principles through infrastructure projects that are strengthening infrastructure governance, encouraging sustainable growth and development, integrating social considerations, and integrating environmental considerations.

Thus, China has received a score of +1.

Analyst: Ishman Absan

France: -1

France has not complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

France is currently working on an Urban Cable Car system in Ajaccio, Corsica. The goal is to connect the district of St. Joseph with the eastern entrance of Ajaccio. The project will include four stations, and two of them will be connected to the bus, railway or maritime shuttle. The cable cars offer a low emission rate and a high carrying capacity.¹⁰²²

On 14 January 2020, new restrictions were put in place, beginning 1 January 2021, to reduce the carbon impact of buildings, especially during the warmer summer months.¹⁰²³ The priorities include monitoring new buildings total life cycle emissions, improve energy performance, guarantee to residents that living accommodations will be adaptable to future climatic conditions (including better resistance to heat waves).¹⁰²⁴

On 27 January 2020, Elisabeth Borne, Minister for the Ecological and Inclusive Transition, and Jean-Baptiste Djebbari, Secretary of State for Transport, announced a plan to adapt aeronautical biofuels to make them more sustainable in order to meet the climate challenge and reduce its carbon footprint.¹⁰²⁵

France has not complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration, taking action in line with only one principle: integrating environmental considerations.

¹⁰²¹ China spends record capital on water conservation in 2019, China Daily (Beijing) 10 January 2020. Access Date: 31 January 2020. <https://www.chinadaily.com.cn/a/202001/10/WS5e17d849a310cf3e35583ac7.html>.

¹⁰²² Ajaccio urban cable car, France Mobilities (Paris) February 2019. Date of Access: 28 January 2020. <https://www.francemobilites.fr/projets/telepherique-urbain-dajaccio>.

¹⁰²³ RE2020: A new step towards a more ambitious future environmental regulation of new buildings against climate change, Ministry of the Ecological and Inclusive Transition (Paris) 14 January 2020. Date of Access: 23 March 2020. <https://www.ecologique-solidaire.gouv.fr/re2020-nouvelle-etape-vers-future-reglementation-environnementale-des-batiments-neufs-plus>.

¹⁰²⁴ RE2020: A new step towards a more ambitious future environmental regulation of new buildings against climate change, Ministry of the Ecological and Inclusive Transition (Paris) 14 January 2020. Date of Access: 23 March 2020. <https://www.ecologique-solidaire.gouv.fr/re2020-nouvelle-etape-vers-future-reglementation-environnementale-des-batiments-neufs-plus>.

¹⁰²⁵ Launch of the roadmap for sustainable aeronautical biofuels for French air transport, Ministry of the Ecological and Inclusive Transition (Paris) 27 January 2020. Date of Access: 28 January 2020. <https://www.ecologique-solidaire.gouv.fr/lancement-feuille-route-des-biocarburants-aeronautiques-durables-dans-transport-aerien-francais>.

Thus, France has received a score of -1.

Analyst: Abby Lessard

Germany: +1

Germany has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its strategic direction and high aspiration.

On 5 June 2019, the Federal Ministry of Transport and Digital Infrastructure launched an EUR11 million financial assistance programme for environmentally-friendly on-board and mobile shore-side port electricity supply systems, serving seafaring ships and inland watercraft.¹⁰²⁶ This initiative, which includes implementation collaboration with the Federal States, seeks to bring about a broad transition to shore-side electricity at all German ports, providing cleaner air and increasing the attractiveness of marine transport.¹⁰²⁷

On 4 July 2019, Federal Minister Andreas Scheuer presented the eight-point “Low water on the Rhine” action plan to enhance the functionality of the Rhine as a crucial transport waterway. The plan outlines eight measures, including developing vessels suitable for low-water conditions, fast-tracking infrastructure measures, and fostering societal dialogue. The plan seeks to address challenges posed by climate change and bolster the Rhine as an environmentally sustainable transport route.¹⁰²⁸

On 18 September 2019, the Federal Ministry of Transport and Digital Infrastructure extended the IHATEC funding program for new port technologies until 2025, providing EUR11 million per year, and announced additional funding for seafaring liquefied natural gas propulsion mechanisms, offering up to EUR7 million per scheme. The investments in clean ships and future ports aim to secure Germany’s 36,000 shipping-related jobs and reduce the environmental impacts of trade.¹⁰²⁹

On 22 October 2019, Federal Minister Andreas Scheuer announced EUR26 million in funding for three research and development initiatives under the 5G Innovation Programme. The three projects affect the areas of healthcare, researching 5G’s potential applications in rural and home healthcare, manufacturing, transferring 5G to innovative production technologies, and mobility, testing 5G applications in industry and mobility solutions. Together these 5G Innovation Programme schemes seek to maximize the utility of 5G technology to transform operations and lives.¹⁰³⁰

On 6 December 2019, the Federal Government broke ground on its EUR118-million investment upgrading the Nürnberg-Ost interchange at the A6 and A9 federal motorways. The expansion of ramps and addition of an overfly will reduce congestion for the 82,000 vehicles per day traversing it,

¹⁰²⁶ The Federal Ministry of Transport and Digital Infrastructure is funding the on-board and mobile shore-side supply of electricity at seaports and inland ports, Federal Ministry of Transport and Digital Infrastructure (Berlin) 5 June 2019. Access Date: 20 March 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/047-scheuer-bordstrom.html>.

¹⁰²⁷ The Federal Ministry of Transport and Digital Infrastructure is funding the on-board and mobile shore-side supply of electricity at seaports and inland ports, Federal Ministry of Transport and Digital Infrastructure (Berlin) 5 June 2019. Access Date: 20 March 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/047-scheuer-bordstrom.html>.

¹⁰²⁸ Scheuer: H2O, not CO2 — We are future-proofing the transport of goods on the Rhine, Federal Ministry of Transport and Digital Infrastructure (Berlin) 4 July 2019. Access Date: 6 February 2020.

<https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/053-scheuer-action-plan-transport-rhine.html>.

¹⁰²⁹ 11 million euros for IHATEC in the period until 2025 / 2nd call for applications for funding for LNG propulsion systems for sea-going ships, Federal Ministry of Transport and Digital Infrastructure (Berlin) 18 September 2019. Access Date: 6 February 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/066-technology-update-clean-ships-future.html>.

¹⁰³⁰ Federal Ministry of Transport and Digital Infrastructure provides funding of 26 million euros to three 5G research projects, Federal Ministry of Transport and Digital Infrastructure (Berlin) 22 October 2019. Access Date: 6 February 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/080-scheuer-funding-5g-research.html>.

up to 30 per cent of which are toll-paying heavy goods vehicles. The motorway improvement was identified as an economically productive measure with a benefit-cost ratio greater than 10:1.¹⁰³¹

On 20 December 2019, the Federal Ministry of Transport and Digital Infrastructure initiated the establishment of a new National Coordination Centre for Charging Infrastructure under the Charging Infrastructure Masterplan. The Centre is tasked with facilitating the swift and coordinated rollout of charging facilities nationwide, with an initial target of 1,000 high-power charging stations. This effort to make electric charging widely accessible intends to increase the prevalence of electric mobility and standardize provision and pricing, promoting a cleaner travel footprint.¹⁰³²

Germany has fully complied with its commitment by acting on five of the six principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, raising economic efficiency in view of life-cycle cost, integrating environmental considerations in infrastructure investments, building resilience against natural disasters and other risks, and integrating social considerations in infrastructure investment

Thus, Germany has received a score of +1

Analyst: Omar Kassam

India: +1

India has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its strategic direction and high aspiration.

On 2 July 2019, Aurangabad is expected to be equipped with smart infrastructure that will allow the Aurangabad municipal government and the police department to centrally manage essential civic and citizen service mechanisms.¹⁰³³

On 5 July 2019, Union Minister for Finance and Corporate Affairs, Nirmala Sitharaman, announced the Jal Jeevan Mission, which “will focus on the creation of local infrastructure for water sustainability.” This project is intended to “[ensure] India’s water security and providing access to safe and adequate drinking water for all Indians.”¹⁰³⁴

On 9 July 2019, the Chennai state government announced an INR540 million investment to improve the infrastructures of 10 colleges in order to help them achieve National Assessment and Accreditation Council accreditation.¹⁰³⁵

¹⁰³¹ Ground-breaking ceremony for the upgrading of the Nürnberg-Ost interchange, Federal Ministry of Transport and Digital Infrastructure (Berlin) 6 December 2019. Access Date: 6 February 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/096-scheuer-a6-a9-upgrading-nuernber-ost.html>.

¹⁰³² Charging infrastructure will soon be here, Federal Ministry of Transport and Digital Infrastructure (Berlin) 20 December 2019. Access Date: 6 February 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2019/100-charging-infrastructure-will-soon-be-here.html>.

¹⁰³³ Aurangabad’s smart infrastructure to be ready within 10 months, Times of India (Aurangabad) 2 July 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/city/aurangabad/aurangabads-smart-infrastructure-to-be-ready-within-10-months/articleshow/70039136.cms>.

¹⁰³⁴ ‘Jal Jeevan Mission’ to focus on local infrastructure for water sustainability: Sitharaman, Times of India (New Delhi) 5 July 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/india/jal-jeevan-mission-to-focus-on-local-infrastructure-for-water-sustainability-sitharaman/articleshow/70092102.cms>.

¹⁰³⁵ TN to spend Rs 54 crore to improve infrastructure of 12 state-run colleges, Times of India (Chennai) 9 July 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/city/chennai/tn-to-spend-rs-54-crore-to-improve-infrastructure-of-10-state-run-colleges/articleshow/70135069.cms>.

On 15 Aug 2019, Indian Prime Minister Narendra Modi committed to a five-year, INR1 trillion plan to invest in developing infrastructure. The aim of this investment is to spur enough economic growth to help the country achieve their target of an INR5 trillion economy.¹⁰³⁶

On 2 Oct 2019, Odisha Government initiates infrastructure projects at Kotia to boost infrastructure in one of the remote corners of the state and would help to check Andhra's "infiltration" into the area. The projects, which are in various stages of completion, are being executed at a cost of INR55 crore.¹⁰³⁷

On 29 Nov 2019, the Indian government is set to pump INR800–1,000 core equity into Indian Infrastructure Finance Company Ltd to bolster its lending capacity at a time when it has emerged as a long ranger of sorts to fund highway and other core sector projects.¹⁰³⁸

On 12 Dec 2019, District collector Vadarevu Vinay Chand announced that the administration is gearing up to develop infrastructure in over a thousand government schools in the district. The program would be taken up in 1,234 schools that have been identified under the first phase of the Nadu-Nedu program.¹⁰³⁹

On 31 Jan 2020, Suez India Private Limited, the private company contracted for the creation of a 24/7 drinking water project announced that they also planned to open a 24/7 customer care center that would address grievances related to water-supply of the city and solve their problems instantly as well as minimize illegal activity.¹⁰⁴⁰

India has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with four of the principles outlined.

Thus, India receives a score of +1.

Analysts: Sophia Bai and Ian Stansbury

Indonesia: -1

Indonesia has not complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

No actions taken by Indonesia related to infrastructure in line with the G20 Principles for Quality Infrastructure Investment were found within the compliance period.

¹⁰³⁶ PM Modi: Government to invest Rs 100 lakh crore in infra, \$5 trillion economy target achievable, Times of India (New Delhi) 15 August 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/business/india-business/pm-narendra-modi-says-will-invest-rs-100-lakh-crore-in-infrastructure-5-trillion-economy-target-achievable/articleshow/70685941.cms>.

¹⁰³⁷ Odisha Government initiates infrastructure projects at Kotia to keep Andhra Pradesh at bay, Times of India (Koraput) 2 October 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/city/bhubaneswar/govt-initiates-infra-projects-at-kotia-to-keep-ap-at-bay/articleshow/71400013.cms>.

¹⁰³⁸ Government set to infuse Rs 1,000 core equity in IIFCL, Times of India (New Delhi) 29 November 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/business/india-business/government-set-to-infuse-rs-1000-crore-equity-in-iifcl/articleshow/72192625.cms>.

¹⁰³⁹ Boost to infrastructure in over 1,000 schools in Visakhapatnam, Times of India (Visakhapatnam) 12 December 2019. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/city/visakhapatnam/boost-to-infra-in-over-1000-schools-in-dist/articleshow/72481225.cms>.

¹⁰⁴⁰ 24*7 customer center for water supply planned in Mangaluru, Times of India (Mangaluru) 31 January 2020. Access Date: 21 February 2020 <https://timesofindia.indiatimes.com/city/mangaluru/24x7-customer-care-centre-for-water-supply-planned/articleshow/73779797.cms>.

Thus, Indonesia receives a score of -1.

Analyst: Abby Lessard

Italy: +1

Italy has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its strategic direction and high aspiration.

On 21 November 2019, the Italian Ministry of Infrastructure and Transports established the modalities to bring into force the National Digital Archive of Public Works, a database to monitor public works across Italy, including economic and financial efficiency, as well as safety.¹⁰⁴¹ The database addressed principle three, on raising economic efficiency in view of life-cycle cost.

On 24 July 2019, the Government of Italy committed EUR15.4 billion to close the country's southern infrastructure gap and expedite the installation of European Rail Traffic Management System technologies by 15 years. This investment will greatly enhance the safety, performance, and efficiency of the Italian rail system, with EUR1.7 billion dedicated exclusively to technological modernization. The commitment also included the launch of a program designated to the conservation and efficiency of more than 19,000 bridges, viaducts, underpasses, and other public works.¹⁰⁴²

On 3 September 2019, Minister of Infrastructure and Transport Danilo Toninelli signed a decree providing EUR7.5 million to finance infrastructure schemes in small municipalities with fewer than 3,500 residents. Funds will be used for road maintenance, public lighting, municipal public structures, and architectural renovation across 1,152 municipalities identified as incompletely urbanized and socially and materially vulnerable.¹⁰⁴³

On 18 December 2019, the Ministry of Infrastructure and Transport approved EUR5 billion in new infrastructure projects nationwide, the largest share of which is dedicated to urban transport. EUR2 billion will go toward new metro lines, tramways, trolleybuses, and rolling stock for 17 public transport projects in Rome, Milan, Florence, Bologna, Turin, La Spezia, and Bergamo. This investment will meet demands for sustainable mobility, and reduce environmental impacts, accidents, and energy consumption.¹⁰⁴⁴

On 8 January 2020, the Government of Italy signed an inter-ministerial decree allocating EUR2.2 billion to the Italian regions for the procurement of eco-friendly public transport buses and other infrastructure under the National Strategic Plan for Sustainable Mobility. This initiative aims to renew

¹⁰⁴¹ AINOP, entra in vigore il decreto attuativo, Ministero delle Infrastrutture e dei Trasporti (Rome) 20 November 2019. Access Date: 30 September 2020. <http://www.mit.gov.it/documentazione/ainop-entra-vigore-il-decreto-attuativo>.

¹⁰⁴² Dal Cipe via libera a 15,4mld in più per opere e sicurezza ferroviaria, Ministero delle Infrastrutture e dei Trasporti (Rome) 24 July 2019. Access Date: 6 February 2020. <http://www.mit.gov.it/comunicazione/news/rfi-sicurezza-ferrovie-trasporto-ferroviario/dal-cipe-libera-154mld-piu-per>.

¹⁰⁴³ Piccoli comuni, Toninelli firma dm per finanziamento da 7,5 mln, Ministero delle Infrastrutture e dei Trasporti (Rome) 3 September 2019. Access Date: 6 February 2020. <http://www.mit.gov.it/index.php/comunicazione/news/sbloccacantieri-cantieri-opere-pubbliche-manutenzione-strade-barriere-0>.

¹⁰⁴⁴ Via libera dalla Conferenza Unificata a progetti per oltre 5 miliardi, Ministero delle Infrastrutture e dei Trasporti (Rome) 18 December 2019. Access Date: 6 February 2020. <http://www.mit.gov.it/comunicazione/news/libera-dalla-conferenza-unificata-progetti-per-oltre-5-miliardi>.

bus fleets with younger, less polluting vehicles to promote improved air quality and utilize efficient technologies.¹⁰⁴⁵

Italy has partially complied with its commitment by acting on four of the six principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating environmental considerations in infrastructure investments, integrating social considerations in infrastructure investment and raising economic efficiency of life-cycle cost.

Thus, Italy receives a score of +1.

Analyst: Omar Kassam

Japan: 0

Japan has partially complied with its commitment endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 28 August 2019, the 7th Tokyo International Conference on African Development was held in Yokohama to promote infrastructure investment in Africa and reiterate support for current Japanese companies working to extend their impact in Africa. A focus was put on building infrastructure to enhance connectivity and building societies that are disaster resilient, primarily in the Nacala Corridor, the East Africa Northern Corridor and the West Africa Growth Ring.¹⁰⁴⁶

On 24 September 2019, Japan and Indonesia concluded two years of negotiations over a JPY458 billion real project that would link Jakarta and Surabaya. The project is scheduled to begin in 2020 and will involve the construction of approximately 720 kilometre of new rail which will reduce the need for air travel between the two cities, contributing to a reduction of carbon emissions.¹⁰⁴⁷

On 18 November 2019, the Japan Bank for International Cooperation agreed to loan USD194 million to Umm Al Houl Power of Qatar to expand Qatar's Facility D Natural Gas-Fired Power Generation and Desalination Project. This loan will help expand the facilities desalination process by 280,000 cubic metres per day to help satisfy the increasing demand for water in Qatar as the economy strengthens while simultaneously increasing the international competitiveness of Japanese energy companies.¹⁰⁴⁸

On 20 December 2019, the Japan Bank for International Cooperation signed a EUR44 million loan for the Moroccan Taza onshore wind power generation project. The Moroccan company Parc Eolien de Taza SA will own and maintain the new generation plant capable of operating at 87.21MW. This infrastructure project will help Morocco reach its renewable energy target of 52 per cent by 2030,

¹⁰⁴⁵ Tpl, alle Regioni 2,2 miliardi per l'acquisto di bus ecologici, Ministero delle Infrastrutture e dei Trasporti (Rome) 8 January 2020. Access Date: 6 February 2020. <http://www.mit.gov.it/index.php/comunicazione/news/tpl-risorse-autobus-mobilita-mobilita-sostenibile/tpl-alle-regioni-22-miliardi>.

¹⁰⁴⁶ The Seventh Tokyo International Conference on African Development (TICAD7), Ministry of Foreign Affairs of Japan (Tokyo) 30 August 2019. Access Date: 1 February 2020. <https://www.mofa.go.jp/files/000521256.pdf>.

¹⁰⁴⁷ Indonesia and Japan reach deal on ¥458 billion Jakarta-Surabaya rail project, Japan Times (Tokyo) 24 September 2019. Access Date: 1 February 2020. <https://www.japantimes.co.jp/news/2019/09/24/business/indonesia-japan-reach-deal-%C2%A5458-billion-jakarta-surabaya-rail-project/#.XjX0WGhKg2w>.

¹⁰⁴⁸ Project Finance for Facility D Natural Gas-Fired Power Generation and Desalination Project (Expansion Project) in Qatar, Japan Bank for International Cooperation (Tokyo) 19 December 2019. Access Date: February 1, 2020. <https://www.jbic.go.jp/en/information/press/press-2019/1119-012769.html>.

aligns with Japan's Export Strategy for Infrastructure System and Japan's Paris Agreement promise of leading global decarbonization efforts.¹⁰⁴⁹

From 17-18 February 2020, the Asian Development Bank and the Japan Bank for International Cooperation met to draft future sustainable environmental infrastructure projects.¹⁰⁵⁰ These pilot projects will help introduce Japanese infrastructure to eradicate ocean plastic litter by 2050 and introduce Japanese financial assistance to help increase investment in quality infrastructure across the Asia-Pacific sphere.¹⁰⁵¹

Japan has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration. Japan has taken actions in line with two principles through initiatives with environmental considerations and building resilience against natural disasters.

Thus, Japan has received a score of 0.

Analyst: Ilan Hughes

Korea: 0

Korea has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 4 September 2019, Korean President Moon Jae-in, laid out his vision for closer partnerships between Korea and Myanmar, with a focus on revving up cooperation on infrastructure and culture as well as promoting people-to-people exchanges.¹⁰⁵²

On 6 November 2019, Korean airport operator Korea Airports Corp. announced it submitted the final proposal for the operation of an airport in Manta, Ecuador. The final proposal encompasses plans for the financial structure and traffic size as well as development plans for the airport reflecting demands from the Ecuadorian government.¹⁰⁵³

On 19 November 2019, Transport Ministry of Korea announced it will invest KRW4.84 trillion (USD4.2 billion) to expand its main airport to meet rapidly rising travel demand. Once completed, the expanded Incheon airport will be able to manage 106 million passengers a year with two terminals that separately accommodate over 50 million passengers each.¹⁰⁵⁴

On 19 December 2019, Korean Manufacturing and Trading company Hanwha Energy announced it has joined hands with Korea Gas Corp. (Kogas) and Korea Southern Power (Kospo) to cooperate in

¹⁰⁴⁹ Project Financing for Taza Onshore Wind Power Generation Project in Morocco, Japan Bank for International Cooperation (Tokyo) 23 December 2019. Access Date: February 1, 2020.

<https://www.jbic.go.jp/en/information/press/press-2019/1223-012972.html#link2>.

¹⁰⁵⁰ BIC Held Meetings with ADB to Discuss Sustainable Development of Environmental Infrastructure Projects, Japan Bank for International Cooperation (Tokyo) 2 April 2020. Access Date: 2 April 2020.

<https://www.jbic.go.jp/en/information/topics/topics-2019/0306-013231.html>.

¹⁰⁵¹ BIC Held Meetings with ADB to Discuss Sustainable Development of Environmental Infrastructure Projects, Japan Bank for International Cooperation (Tokyo) 2 April 2020. Access Date: 2 April 2020.

<https://www.jbic.go.jp/en/information/topics/topics-2019/0306-013231.html>.

¹⁰⁵² Moon presents S. Korea-Myanmar partnership vision at Yangon business forum, Korea Herald (Seoul) 4 September 2019. Access Date: 31 January 2020. http://www.koreaherald.com/view.php?ud=20190904000826&ACE_SEARCH=1.

¹⁰⁵³ Korea and US sign an MOU on Joint Infrastructure Development, Government of Korea (Seoul) 18 October 2019. Access Date: 31 January 2020. <http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4773>.

¹⁰⁵⁴ Korea Airports Corp. submits final proposal for Manta airport in Ecuador, Korea Herald (Seoul) 6 November 2019. Access Date: 31 January 2020. http://www.koreaherald.com/view.php?ud=20191106000762&ACE_SEARCH=1.

infrastructure development projects for a gas plant and liquefied natural gas terminal in Vietnam. According to the company, the three firms will form a consortium called Korea Consortium for the joint project.¹⁰⁵⁵

On 10 January 2020, Vice Finance Minister Koo Yun-cheol announced that Korea will speed up its budget spending in the first quarter as it seeks to revitalize the economy through large-scale investment projects. Among the new infrastructure projects under review are KRW13.5 trillion worth of major roads and railways and 3.5 trillion won worth of environment-related businesses. Koo emphasizes that there would be a focus on social infrastructure and job creation in the first quarter.¹⁰⁵⁶

Korea has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with three of the principles.

Thus, Korea receives an overall score of 0.

Analyst: Ishmam Absan

Mexico: +1

Mexico has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure.

On 11 July 2019, the Secretary of Communications and Transport announced that it would expand the Port of Manzanillo in the Cuyutlan Lagoon to underpin the development of the National Port System, to meet the growing demand for port services. This project pledges to ensure that the Environmental Impact Mitigation Measures are met during the construction process.¹⁰⁵⁷

On 13 September 2019, the Foreign Ministry and National Audit Office signed an agreement on the oversight of aid to Mesoamerica and the Caribbean. The agreement will be in effect for two years and will help ensure that there is oversight and audits for public resources that are used by the Infrastructure Fund for Mesoamerica and the Caribbean.¹⁰⁵⁸

On 31 October 2019, the Secretaries of Agrarian, Territorial, and Urban Development and Governance signed an agreement to promote sustainable urban development in Mexican cities. The specific area of action the agreement focuses on is establishing collaboration mechanisms to link Federal projects to municipalities while supporting municipal development. The objective of this is to

¹⁰⁵⁵ Hanwha Energy taps Vietnam's energy market, Korea Herald (Seoul) 19 December 2019. Access Date: 31 January 2020. http://www.koreaherald.com/view.php?ud=20191219000674&ACE_SEARCH=1.

¹⁰⁵⁶ S. Korea to speed up budget spending in Q1: vice finance minister, Korea Herald (Seoul) 10 January 2020. Access Date: 31 January 2020. http://www.koreaherald.com/view.php?ud=20200110000550&ACE_SEARCH=1.

¹⁰⁵⁷ Ampliaremos el Puerto de Manzanillo en la Laguna de Cuyutlán, Secretary of Communications and Transport (Mexico City) 11 July 2019. Access Date: 20 March 2020. <https://www.gob.mx/sct/es/articulos/ampliaremos-el-puerto-de-manzanillo-en-la-laguna-de-cuyutlan?idiom=en>.

¹⁰⁵⁸ Foreign Ministry and National Audit Office Agree on Oversight for Aid to Mesoamerica and the Caribbean (Mexico Fund), Secretary of Foreign Relations (Mexico City) 13 September 2019. Access Date: 2 February 2020. <https://www.gob.mx/sre/en/articulos/foreign-ministry-and-national-audit-office-agree-on-oversight-for-aid-to-mesoamerica-and-the-caribbean-mexico-fund-217182?idiom=en>.

recognize the important role municipal government plays in understanding the needs of its population when it comes to development projects.¹⁰⁵⁹

On 27 November 2019, the Secretaries of Agrarian, Territorial and Urban Development announced the National Housing Program and invested MXN2.3 million to the program that will have over 5.4 million actions and benefit 20 million people. The program is aimed to support the most vulnerable individuals and has listed five main infrastructure objectives: 1) guarantee the right of housing to everyone; 2) improve the coordination in the public sector; 3) strengthen the collaboration with the social and private sector; 4) ensure transparency and accountability in the sector; and 5) recover the rectorate of the state over the territory.¹⁰⁶⁰

On 17 December 2019, the Government of Mexico announced, in coordination with state administrations, the building of 2,000 homes in the area where farmers in the Sowing Life program live in the first four months of 2020.¹⁰⁶¹ The aim of Sowing Life is to increase social housing for rural communities so that people feel part of a community, as well to encourage the development of fixed jobs that allow individuals to develop an identity and connection to where they live.¹⁰⁶²

On 1 March 2020, the Secretary of Agrarian, Territory, and Urban Development initiated MXN400 million to housing and improving public space in Tabasco. The project includes the construction of markets, plazas, cultural and sporting centres, as well as schools and parks. It aims to provide a more sociable environment for the residents of the region.¹⁰⁶³

Mexico has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by acting in four of the six principles outlined, such as encouraging sustainable growth and development, integrating social considerations into projects, integrating environmental considerations in infrastructure investment and strengthening infrastructure governance.

Thus, Mexico receives a score of +1.

Analyst: Isabel Davis

Russia: 0

Russia has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 15 August 2019, Resolution No. 1815 was drafted in regard to implementing the federal information infrastructure project. The new project is designed to provide all citizens with universal

¹⁰⁵⁹ Firman convenio Sedatu y Gobernación para impulsar el desarrollo urbano sostenible y ciudades ordenadas y sustentables, Secretary of Agrarian, Territorial, and Urban Development (Mexico City) 31 October 2019. Access Date: 2 February 2020. <https://www.gob.mx/sedatu/prensa/firman-convenio-sedatu-y-gobernacion-para-impulsar-el-desarrollo-urbano-sostenible-y-ciudades-ordenadas-y-sustentables?idiom=es>.

¹⁰⁶⁰ SEDATU presenta Programa Nacional de Vivienda, Inmobiliare (Mexico City) 27 November 2019. Access Date: 2 February 2020. <https://inmobiliare.com/sedatu-presenta-programa-nacional-de-vivienda/>.

¹⁰⁶¹ SEDATU presenta Programa Nacional de Vivienda, Inmobiliare (Mexico City) 27 November 2019. Access Date: 2 February 2020. <https://inmobiliare.com/sedatu-presenta-programa-nacional-de-vivienda/>.

¹⁰⁶² Ampliarán Sedatu y Bienestar Programa de Construcción de Vivienda Social para campesinos de Sembrando Vida, Secretary of Agrarian, Territory, and Urban Development (Mexico City) 17 December 2019. Access Date: 2 February 2020. <https://www.gob.mx/sedatu/prensa/ampliaran-sedatu-y-bienestar-programa-de-construccion-de-vivienda-social-para-campesinos-de-sembrando-vida?idiom=es>.

¹⁰⁶³ Invertirá Sedatu mil millones de pesos en mejoras de vivienda y espacio público para Tabasco, Ministry of Agrarian, Territory, and Urban (Mexico City) 1 March 2020. Access Date: 2 February 2020. <https://www.gob.mx/sedatu/galerias/invertira-sedatu-mil-millones-de-pesos-en-mejoras-de-vivienda-y-espacio-publico-para-tabasco>.

communication access that is of high quality and affordable. Internet and mobile connection access points will be installed within settlements with populations from 100 to 500 people.¹⁰⁶⁴

On 28 August 2019, Resolution No. 1911-r stated a concept for transferring state authority information systems and local governments into a single state cloud platform. This is meant to increase the efficiency of the information technology systems and communication infrastructure.¹⁰⁶⁵

On 19 December 2019, the Presidium approved the “Digital Transport and Logistics” project in the Ministry of Transport. It involves transforming existing industries: air, water, rail, road transport into one that is integrated with open data and digital platforms. The goal is to increase economic efficiency and growth, competitiveness, the quality of life of citizens.¹⁰⁶⁶

Russia has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with two of the principles outlined: encouraging sustainable growth and development and integrating social considerations.

Thus, Russia has received a score of 0.

Analyst: Alice Wang

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 20 October 2019, Chief Executive John Pagano of the Red Sea Development project commented on the importance of reaching key ecological targets for Saudi Arabia’s tourism megaproject. The project involves 28,000 square kilometres of lagoons, canyons, and archipelagos off the west coast of Saudi Arabia. The region is home to the world’s fourth largest coral reef, and Pagano stressed the importance of balancing tourism development and ecological conservation.¹⁰⁶⁷

On 12 November 2019, the Royal Commission for Riyadh City held a forum to introduce the Riyadh Four Grand Projects. These projects include the construction of King Salman Park, Sports Boulevard, Green Riyadh, Riyadh Art. These projects have the focus of hosting many environmental, cultural, recreational activities, contributing to the well-being of residents.¹⁰⁶⁸

On 22 January 2020, Abdullah Al Swaha, Minister of Communications and Information Technology, affirms Saudi Arabia’s commitment to improving the status of women and youth through its Vision

¹⁰⁶⁴ The government introduced to the State Duma a bill on optimizing the system of universal communications services, Russian Government (Moscow) 16 August 2019. Access Date: 31 January 2020.
<http://government.ru/activities/selection/301/37679/>.

¹⁰⁶⁵ The concept of creating a state unified cloud platform was approved, Russian Government (Moscow) 6 September 2019. Access Date: 31 January 2020. <http://government.ru/docs/37804/>.

¹⁰⁶⁶ Maxim Akimov held a meeting of the Presidium of the Government Commission on Digital Development, Russian Government (Moscow) 19 December 2019. Access Date: 29 January 2020. <http://government.ru/news/38653/>.

¹⁰⁶⁷ Saudi tourism megaproject aims to turn the Red Sea green, Arab News (Riyadh) 20 October 2019. Access Date: 31 January 2020. <https://www.arabnews.com/node/1571436/saudi-arabia>.

¹⁰⁶⁸ RCRC organizes an international forum to discuss the impact of the “Riyadh Four Grand Projects” on the city’s quality of life, Royal Commission for Riyadh City (Riyadh) 12 November 2019. Access Date 31 January 2020.
http://www.ada.gov.sa/ADA_E/News_En/index.htm?id=007872.

2030 projects.¹⁰⁶⁹ Started in 2016, Vision 2030 has been at the forefront of Saudi Arabia's development focus to create opportunities for all. With various programs targeting different aspects of Saudi Arabian society, it has committed to developing cultural activities, transforming its healthcare system, improving the urban landscape, enhancing traffic safety, reducing pollution, and providing environmental protection and sustainable development of resources.¹⁰⁷⁰

On 17 March 2020, the Acting Minister of Municipal and Rural Affairs, Dr. Majid Al-Qasabi launched a plant for sorting and recycling construction waste. The plant will be built in Al-Ahsa, and spread on an area of 100,000 square meters, with an estimated capacity of 3,000 tons per day. It will sort waste from buildings under construction, infrastructure projects and road projects, and work on reusing the waste, eliminating the random disposal of construction waste. The move is also in line with Vision 2030 to boost service development in the municipal sector.¹⁰⁷¹

On 19 March 2020, CEO of the NEOM project Nadhmi al-Nasr announced the beginning of construction for the project in the Tabuk region. The project will have more than 1 million people working and residing in the area. It will include towns, ports, research centers, sports and entertainment venues and will serve as a pillar of Vision 2030.¹⁰⁷²

Saudi Arabia has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with four of the principles outlined through sustainable economic growth, considerations of the environment, inclusion of minority populations, and building resilience against natural disasters.

Thus, Saudi Arabia has received a score of +1.

Analyst: Alice Wang

South Africa: +1

South Africa has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions that in line with two of the principles.

On 12 July 2019, the Department of Water and Sanitation announced that ZAR18 million would be allocated to the JS Moroka Local Municipality to address water shortages in the region. The funding will be used to refurbish existing boreholes and drill new ones to increase the supply of water and counter the regional drought.¹⁰⁷³

On 4 November 2019, President Cyril Ramaphosa established the Investment and Infrastructure Office, and appointed two new Special Envoys on Investment. The office will operate under the

¹⁰⁶⁹ Saudi Arabia vows to 'leave no one behind' with Vision 2030 reforms, Arabian Business (Davos) 22 January 2020. Access Date: 31 January 2020. <https://www.arabianbusiness.com/politics-economics/438316-saudi-arabia-vow-to-leave-no-one-behind-with-vision-2030-reforms>.

¹⁰⁷⁰ National Transformation Program, Vision 2030 Kingdom of Saudi Arabia (Riyadh) 22 January 2020. Access Date: 31 January 2020. <https://vision2030.gov.sa/en/programs/NTP>.

¹⁰⁷¹ Al-Ahsa curbs construction waste with 3,000-ton project, Saudi Gazette (Al-Ahsa) 26 February 2020. Access Date: 19 March 2020. <http://www.saudigazette.com.sa/article/589775/SAUDI-ARABIA/Al-Ahsa-curbs-constructionwaste-with-3000-ton-project>.

¹⁰⁷² Saudi Arabia embraces a different future with NEOM, The Arab Weekly (London) 23 February 2020. Access Date: 19 March 2020. <https://thearabweekly.com/saudi-arabia-embraces-different-future-neom>.

¹⁰⁷³ R18m allocated for Mpumalanga water shortages, infrastructurenews (Sandton) 12 July 2019. Access Date: 29 March 2020. <https://infrastructurenews.co.za/2019/07/12/r18m-allocated-for-mpumalanga-water-shortages/>.

Office of the Presidency and will lead the national investment plan and handle allocation of the Infrastructure Fund.¹⁰⁷⁴

On 6 November 2019, President Cyril Ramaphosa announced the creation of a dedicated investment and infrastructure office in his Presidency. This office “would be responsible for developing the country’s strategy, refining infrastructure for investment mobilisation and establishing an intelligence capability.”¹⁰⁷⁵

On 9 December 2019, Human Settlements, Water and Sanitation Minister Lindiwe Sisulu released the national water and sanitation master plan, a plan that aims to ensure water security for all South Africans through government assistance in infrastructure maintenance and funding. In the plan, 100 key steps are laid out for short-term and long-term solutions to stabilizing South Africa’s water supply.¹⁰⁷⁶

On 3 January 2020, Minister Sisulu announced the allocation of ZAR18 million towards an upgrade plan for the Albany Coast Sea Water Reverse Osmosis Plant. The technology upgrade is set to increase the production of the water treatment plant by approximately 60 per cent, making it more efficient.¹⁰⁷⁷

On 24 January 2020, Minister Sisulu announced the allocation of ZAR220 million towards addressing the water crisis in the QwaQwa region. The funds will go towards immediate relief in the form of 5000 Jojo Tanks to equip households lacking water tanks, as well as towards refurbishing and drilling new boreholes to increase the water supply to the region.¹⁰⁷⁸

On 11 February 2020, President Ramaphosa made a speech to the members of the African Union, stating that South Africa will play an “active role” in promoting the Presidential Infrastructure Championing Initiative. The initiative seeks to promote and fund various infrastructure projects across the African continent, striving for “an integrated, prosperous and peaceful Africa.”¹⁰⁷⁹

On 13 February 2020, President Cyril Ramaphosa announced the plans for a new smart city in Gauten that will “be smart and 5G-ready [and] will be a leading benchmark for green infrastructure continental and internationally.”¹⁰⁸⁰

¹⁰⁷⁴ President strengthens Investment Envoys team and establishes Investment and Infrastructure Office, Office of the Presidency (Pretoria) 4 November 2019. Access Date: 29 March 2020. <http://www.thepresidency.gov.za/press-statements/president-strengthens-investment-envoys-team-and-establishes-investment-and>.

¹⁰⁷⁵ Investment and infrastructure office to boost SA economy, infrastructurenews (Gauteng) 6 November 2019. Access Date: February 21, 2020. <https://infrastructurenews.co.za/2019/11/06/investment-and-infrastructure-office-to-boost-sa-economy/>.

¹⁰⁷⁶ Water and sanitation master plan is a ‘call to action’, infrastructurenews (Sandton) 9 December 2019. Access Date: 29 March 2020. <https://infrastructurenews.co.za/2019/12/09/water-and-sanitation-master-plan-is-a-call-to-action/>.

¹⁰⁷⁷ R18 million spent on upgrading a sea water reverse osmosis plant, infrastructurenews (Sandton) 3 January 2020. Access Date: 29 March 2020. <https://infrastructurenews.co.za/2020/01/03/r18-million-spent-on-upgrading-a-sea-water-reverse-osmosis-plant/>.

¹⁰⁷⁸ Sisulu intervenes in QwaQwa water crisis, infrastructurenews (Sandton) 24 January 2020. Access Date: 30 March 2020. <https://infrastructurenews.co.za/2020/01/24/sisulu-intervenes-in-qwaqwa-water-crisis/>.

¹⁰⁷⁹ Infrastructure to pave the way for Africa’s development, infrastructurenews (Sandton) 11 February 2020. Access Date: 30 March 2020. <https://infrastructurenews.co.za/2020/02/11/infrastructure-to-pave-the-way-for-africas-development/>.

¹⁰⁸⁰ Ramaphosa has a plan for a new ‘smart city’ in Gauteng, BusinessTech (Cape Town) 14 Febrary 2020. Access Date: 21 February 2020. <https://businesstech.co.za/news/technology/374270/ramaphosa-has-a-plan-for-a-new-smart-city-in-gauteng/>.

On 17 February 2020, Minister Sisulu announced an allocation of ZAR143 million to address water shortages and drought in the Sekhukhune District Municipality. The funds will go towards immediate relief in the form of water tanks, as well as long-term relief in the form of refurbishing and drilling new boreholes to increase water supply to the district.¹⁰⁸¹

South Africa has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions that are in line with five of the six principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating environmental considerations in infrastructure investments, building resilience against natural disasters and other risks, improving infrastructure governance and integrating social considerations in infrastructure investment.

Thus, South Africa receives a score of +1.

Analysts: Ramsha Naveed and Ian Stansbury

Turkey: 0

Turkey has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 3 October 2019, Turkey's New Economic Program outlined various projects that would support the tourism industry. The program entails transportation infrastructure upgrades, increasing passenger capacity for Antalya Airport, and constructing a new cruise port in Yenikapi. This program hopes to diversify tourism markets and attract more tourists to Turkey in order to achieve economic growth.¹⁰⁸²

On 14 October 2019, Transportation and Infrastructure Minister Cahit Turhan announced that the Ankara-Sivas high speed railway construction is on schedule and will be ready before June 2020. Turhan stressed the importance of high-speed train service in reducing travel time across the country, noting that construction is underway on the Ankara-İzmir, Bursa-Osmangazi, Mersin-Gaziantep, and Karaman-Yenice lines. The Ankara-Sivas line will serve as an important connector to Asian countries on the Silk Road route, cutting travel time from 12 hours to two, and thereby foster economic growth.¹⁰⁸³

On 7 January 2020, a spokesman for Istanbul's mayor Ekrem Imamoglu revealed that the municipality was no longer involved in Istanbul Canal. President Erdogan defended the project by citing its potential for job creation and boost Turkey's economy. However, this project has faced backlash from the general public and Istanbul's mayor, citing concerns over environmental damage.¹⁰⁸⁴

¹⁰⁸¹ Sisulu pledges R143 million for water supply at Sekhukhune District Municipality, infrastructurenews (Sandton) 17 February 2020. Access Date: 30 March 2020. <https://infrastructurenews.co.za/2020/02/17/sisulu-pledges-r143-million-for-water-supply-at-sekhukhune-district-municipality/>.

¹⁰⁸² Infrastructure expansion to reinforce tourism industry, Daily Sabah (Istanbul) 3 October 2019. Access Date: 31 January 2020. <https://www.dailysabah.com/tourism/2019/10/03/infrastructure-expansion-to-reinforce-tourism-industry>.

¹⁰⁸³ Ankara-Sivas high-speed train to be ready before June 2020, Daily Sabah (Istanbul) 14 October 2019. Access Date: 31 January 2020. <https://www.dailysabah.com/business/2019/10/13/ankara-sivas-high-speed-train-to-be-ready-before-june-2020>.

¹⁰⁸⁴ Istanbul's mayor doesn't want Arabs to invest in Canal Istanbul project, Middle East Eye (London) 7 January 2020. Access Date: 31 January 2020. <https://www.middleeasteye.net/news/istanbul-mayor-doesnt-want-arabs-invest-canal-istanbul-project>.

On 18 January 2020, President Erdoğan announced that the first phase of the Galataport project. He spoke briefly about the project, saying that it will be a place where cruise ships dock and an important center for tourism. Its main aim is to attract tourists and expand the tourism industry, thereby foster economic growth.¹⁰⁸⁵

On 28 February 2020, the Information and Communication Technologies Authority announced the creation of a National Mobile Warning System (UYARSIS) to inform citizens before, during, and after natural disasters and other emergencies. UYARSIS will also employ visual and voice messages to warn and inform elderly and disabled citizens.¹⁰⁸⁶

On 19 March 2020, Transport and Infrastructure Minister Cahit Turhan announced the beginning of railways projects to connect Eskişehir to Antalya via Kütahya and Afyonkarahisar. It is part of the plan to increase Turkey's export target of USD1 trillion by 2053 and will foster economic growth.¹⁰⁸⁷

Turkey has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with three of the principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating environmental considerations in infrastructure investments and building resilience against natural disasters and other risks.

Thus, Turkey has received a score of 0.

Analyst: Alice Wang

United Kingdom: 0

The United Kingdom has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 10 September 2019, the British government announced they are going to invest approximately USD650 million in green technology. The money will go towards developments in charging infrastructures for electric vehicles and utilities to improve air and water pollution and increase sustainability.¹⁰⁸⁸

On 26 September 2019, Scottish Parliament has committed USD170 million in the coming year to support the establishment of the Scottish National Investment Bank with a focus on green investment at its core.¹⁰⁸⁹

¹⁰⁸⁵ President Erdoğan said and announced the project that will amaze the world! Coming into service at the end of the year, Aksam (Istanbul) 18 January 2020. Access Date: 31 January 2020. <https://www.aksam.com.tr/siyaset/baskan-erdogan-dunyayı-hayran-bırakacak-proje-dedi-ve-duyurdu-yıl-sonu-hizmete-giriyor/haber-1038462>.

¹⁰⁸⁶ Turkey to roll out national disaster warning system, Daily Sabah (Istanbul) 28 February 2020. Access Date: 19 March 2020. <https://www.dailysabah.com/turkey/turkey-to-roll-out-national-disaster-warning-system/news>.

¹⁰⁸⁷ Minister Turhan announced the Eskişehir-Antalya high speed line, Aksam (Istanbul) 30 January 2020. Access Date: 19 March 2020. <https://www.aksam.com.tr/guncel/bakan-turhandan-eskisehirantalya-hizli-demiryolu-hatti-aciklamasi/haber-1040982>.

¹⁰⁸⁸ Over £500m new investment in green technologies for a cleaner and healthier future, Infrastructure and Project Authority (London) 10 September 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/over-500m-new-investment-in-green-technologies-for-a-cleaner-and-healthier-future>.

¹⁰⁸⁹ Green economy ambition, Scottish Government (Glasgow) 26 September 2019. Access Date: 27 January 2020. <https://www.gov.scot/news/green-economy-ambition/>.

On 4 October 2019, The National Infrastructure Commission received the Institution of Civil Engineers' Chris Binnie Award for Sustainable Water Management for improving the resilience of England's water supply to drought.¹⁰⁹⁰

The United Kingdom has partially complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration by taking actions in line with two of the principles: integrating environmental considerations and building resilience against natural disasters and other risks.

Thus, United Kingdom has received a score of 0.

Analyst: Abby Lessard

United States: +1

The United States has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 9 August 2019, Transportation Secretary Elaine Chao announced funding worth over USD109 million towards “234 states and 2 tribal nations as part of the 911 Grant Program, which will help 911 call center upgrade to Next Generation 911 capabilities.” The goal of this project is to boost public safety and provide a more resilient emergency system.¹⁰⁹¹

On 15 August 2019, Secretary of Energy Rick Perry announced funding worth of approximately USD40 million towards 29 projects to advance the H2@Scale Concept. The focus of the projects will be on “affordable and reliable large-scale hydrogen generation, transport, storage, and utilization in the United States across multiple sectors.” Further, the goal of these projects is to help to unite domestic energy sources, improve the affordability of hydrogen storage and create an additional revenue stream.¹⁰⁹²

On 28 August 2019, Transportation Secretary Elaine Chao announced funding worth USD225 million for “20 projects in 18 states to fund a variety of bridge improvements, including replacement and rehabilitation” as part of the Competitive Highway Bridge Program (CHBP). The goals of these projects are to support bridge improvements across the U.S., especially in rural areas, and to provide an example of innovative time and cost savings for future repairs.¹⁰⁹³

On 18 September 2019, Secretary Chao announced federal funding worth approximately USD60 million towards testing the “safe integration of automated driving systems (ADS) on...roadways.” The funding will go towards eight projects across seven different states, which “aim to gather

¹⁰⁹⁰ Commission vision for drought resilience recognised by engineering experts, National Infrastructure Commission (London) 7 October 2019. Access Date: 27 January 2020. <https://www.nic.org.uk/news/commission-vision-for-drought-resilience-recognised-by-engineering-experts/>.

¹⁰⁹¹ Department of Commerce and Transportation Announced \$109 million in Grants to Modernize 911 Services for States and Tribal Nations 09/08/2019, U.S. Department of Transportation (Washington D.C) 9 August 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/departments-commerce-and-transportation-announce-109-million-grants-modernize-911>.

¹⁰⁹² Department of Energy Announces \$40 Million in Funding for 29 Projects to Advance H2@Scale Concept 15/08/2019, U.S. Department of Energy (Washington D.C.) 15 August 2019. Access Date: 29 January 2020.

<https://www.energy.gov/articles/department-energy-announces-40-million-funding-29-projects-advance-h2scale>.

¹⁰⁹³ U.S. Transportation Secretary Elaine L. Chao Announces \$225 Million in Grants 28/08/2019, U.S. Department of Transportation (Washington D.C.) 28 August 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-225-million-grants>.

significant safety data to inform rulemaking and foster collaboration amongst state and local government and private partners.”¹⁰⁹⁴

On 20 September 2019, U.S. Department of Energy (DOE) announced funding worth USD56.5 million to 32 winners towards advanced coal technologies and research. The aim of the funding includes the development of “carbon capture, utilization, and storage,” and the improvement of clean coal technologies to support coal as an environmentally responsible energy source.¹⁰⁹⁵

On 20 September 2019, Secretary Chao announced the formation of the Air Carrier Access Act Advisory Committee and the appointment of 19 members in pursuant of the FAA Reauthorization Act of 2018. The aim of the committee is to identify disability barriers encountered by air travelers and to recommend actions and improvements to ensure inclusivity and assistance to those who need it.¹⁰⁹⁶

On 23 September 2019, Secretary Chao announced funding worth USD986 million towards 354 airports across 44 states and Puerto Rico and Micronesia, as part of the “fifth allotment of the total USD3.18 billion in Federal Aviation Administration (FAA) Airport Improvement Program (AIP).” These projects will aim to improve airport infrastructure across the United States, supporting economic competitiveness and improving quality of life.¹⁰⁹⁷

On 26 September 2019, the DOE announced funding worth approximately USD4.6 million through its Office of Fossil Energy to go to four projects to “accelerate the development and commercialization of treatment technologies that reduce wastewater...and increase water supplies for reuse.” The aim of these projects is to “transform the energy sector’s produced water from a waste to a resource.”¹⁰⁹⁸

On 8 October 2019, Secretary Elaine Chao announced the Rural Opportunities to Use Transportation for Economic Success (ROUTES) Initiative to “ensure nationwide outcomes for rural communities’ transportation infrastructure.” The goal of the initiative will be to assist “rural stakeholders in understanding how to access [Department of Transportation] grants and financing

¹⁰⁹⁴ U.S. Secretary of Transportation Announces Automated Driving System Demonstration Grant Winners 18/09/2019, U.S. Department of Transportation (Washington D.C.) 18 September 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-announces-automated-driving-system-demonstration-grant>.

¹⁰⁹⁵ U.S. Department of Energy Invests \$56 Million in Coal Technology Projects 20/09/2019, U.S. Department of Energy (Washington D.C) 20 September 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/us-department-energy-invests-56-million-coal-technology-projects>.

¹⁰⁹⁶ U.S. Department of Transportation Announces Formation and Membership of the Air Carrier Access Act Advisory Committee 20/09/2019, U.S. Department of Transportation (Washington D.C.) 20 September 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-formation-and-membership-air-carrier-access-act>.

¹⁰⁹⁷ U.S. Transportation Secretary Elaine L. Chao Announces Nearly One Billion Dollars in Infrastructure Grants to 354 Airports in 44 States 23/09/2019, U.S. Department of Transportation (Washington D.C.) 23 September 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-nearly-one-billion-dollars>.

¹⁰⁹⁸ Department of Energy Invests \$4.6M in Produced Water Treatment 26/09/2019, U.S. Department of Transportation (Washington D.C.) 26 September 2019. Access Date: 29 January 2020. <https://www.energy.gov/fe/articles/department-energy-invests-46m-produced-water-treatment>.

products and developing data-driven approaches to better assess needs and benefits of rural transportation projects.”¹⁰⁹⁹

On 16 October 2019, Deputy Under Secretary for Rural Development Donald LaVoy announced funding worth USD201 million through the U.S. Department of Agriculture Waste and Waste Disposal Loan and Grant program “to improve rural water infrastructure in 31 states.” The aim of the funding is to enhance “drinking water, stormwater drainage and waste disposal systems in rural communities with 10,000 or fewer residences” and is expected to benefit 300,000 residents.¹¹⁰⁰

On 22 October 2019, the DOE announced funding worth USD28 million distributed to 13 projects to “advance wind energy nationwide.” The aim of these projects is to reduce costs and increase consumer options for wind across the United States.¹¹⁰¹

On 29 October 2019, Secretary Chao announced funding worth nearly USD50 million to be used towards providing access to transportation “for people with disabilities, older adults, and individuals of low income.” The purpose of the project is to identify ways to provide more efficient, affordable and accessible transportation to underserved communities.¹¹⁰²

On 31 October 2019, the DOE announced funding worth USD24.9 million “to advance the marine and hydrokinetics industry and increase hydropower’s ability to serve as a flexible grid resource.” The goal of these projects is to “strengthen U.S. manufacturing competitiveness” and improve the capability of sustainable technologies.¹¹⁰³

On 6 November 2019, the DOE announced funding worth USD128 million through the Office of Energy Efficiency and Renewable Energy’s Solar Energy Technology’s Office, towards 75 new projects that will advance solar technologies. The aim of the funding is to “lower electricity costs...boost solar manufacturing...and make solar systems more resilient to cyberattacks.”¹¹⁰⁴

On 12 November 2019, Secretary Chao announced funding worth USD900 million towards surface transportation infrastructure across 55 projects in 35 states, as part of the Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants program. The

¹⁰⁹⁹ U.S. Secretary of Transportation Elaine Chao Announces Major New Initiative to Support Rural Transportation Needs 08/10/2019, U.S. Department of Transportation (St. Louis) 8 October 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-major-new-initiative-support-rural>.

¹¹⁰⁰ USDA Invests in Water and Wastewater Infrastructure Improvements in 31 States 16/10/2019, U.S. Department of Agriculture (Washington D.C.) 16 October 2019. Access Date: 29 January 2020. <https://www.usda.gov/media/press-releases/2019/10/16/usda-invests-water-and-wastewater-infrastructure-improvements-31>.

¹¹⁰¹ DOE Awards \$28 Million for Wind Energy Research, Development, and Demonstration Projects 22/10/2019, U.S. Department of Energy (Washington D.C.) 22 October 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/doe-awards-28-million-wind-energy-research-development-and-demonstration-projects>.

¹¹⁰² U.S. Transportation Secretary Elaine L. Chao Announces Nearly \$50 Million to Improve Access and Mobility for All Americans 29/10/2019, U.S. Department of Transportation (Washington D.C.) 29 October 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-nearly-50-million-improve-access>.

¹¹⁰³ DOE Announces \$24.9 Million Funding Selections to Advance Hydropower and Water Technologies 31/10/2019, Department of Energy (Washington D.C.) 31 October 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/doe-announces-249-million-funding-selections-advance-hydropower-and-water-technologies>.

¹¹⁰⁴ Department of Energy Announces \$128 Million in New Projects to Advance Solar Technologies 06/11/2019, Department of Energy (Washington D.C.) 6 November 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/department-energy-announces-128-million-new-projects-advance-solar-technologies>.

goal of the funding is to have a significant impact on their local or regional communities, especially those that are rural, towards which BUILD has allocated 50 per cent of the grants.¹¹⁰⁵

On 13 November 2019, the DOE announced funding worth up to USD15 million through the DOE's Office of Indian Energy Policy and Programs "to deploy energy infrastructure on tribal lands." The goal of this funding is to provide more reliable electricity and "[promote] American energy independence by increasing domestic and international accessibility to American energy resources."¹¹⁰⁶

On 14 November 2019, the DOE's Advanced Research Projects Agency-Energy announced funding worth up to USD43 million to "develop carbon capture and storage...technologies." The funding will support the FLEXible Carbon Capture and Storage program with the aim to "develop technologies that address difficulties in the decarbonization of electricity systems" and to create more sustainable energy systems.¹¹⁰⁷

On 12 December 2019, Secretary Chao announced a loan worth up to USD502.9 million towards the Hampton Roads Transportation Accountability Commission (HRTAC) In Virginia "to help finance several of HRTAC's Regional Priority Projects." The aim of the loan is to promote economic growth while improving mobility, capacity and safety in the area for both residents and travelers.¹¹⁰⁸

On 12 December 2019, Secretary Chao launched a pilot program called the Railroad Rehabilitation and Investment Financing Express, expected to provide up to USD26 million worth in additional funding as well as to expedite "long-term, low-cost loans for America's short line and regional freight railroads." The aim of the program is to "modernize ageing freight rail infrastructure."¹¹⁰⁹

On 17 December 2019, the DOE's Advanced Research Projects Agency-Energy announced funding worth up to USD55 million "for two programs to support the development of low-cost electric aviation engine technology and powertrain systems." The aim of these programs is to support ultra-light and efficient electric motors and drives to achieve net-zero carbon emissions, as well as to develop a system to convert chemical energy to electric power for airplanes.¹¹¹⁰

¹¹⁰⁵ U.S. Secretary of Transportation Elaine L. Chao Announces \$900 Million Historic Investment in American Infrastructure 12/11/2019, U.S. Department of Transportation (Washington D.C.) 12 November 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-900-million-historic-investment>.

¹¹⁰⁶ DOE Announces \$15 Million to Deploy Energy Infrastructure on Tribal Lands 13/11/2019, U.S. Department of Energy (Washington D.C.) 13 November 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/doe-announces-15-million-deploy-energy-infrastructure-tribal-lands>.

¹¹⁰⁷ Department of Energy Announces \$43 Million to Develop Carbon Capture and Storage Technology 14/11/2019, U.S. Department of Energy (Washington D.C.) 14 November 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/department-energy-announces-43-million-develop-carbon-capture-and-storage-technology>.

¹¹⁰⁸ U.S. Department of Transportation Announces Up to \$502.9 Million Loan for Infrastructure Projects in Hampton Roads, VA 12/12/2019, U.S. Department of Transportation (Washington D.C.) 12 December 2019. Access Date: 29 January 2020. <https://www.transportation.gov/DOT7919>.

¹¹⁰⁹ U.S. Secretary of Transportation Elaine L. Chao Launches New Program to Modernize Rural Freight Rail 12/12/2019, U.S. Department of Transportation (Washington D.C.) 12 December 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-launches-new-program-modernize-rural-freight>.

¹¹¹⁰ Department of Energy Announces \$55 Million in Funding for Electric Aviation Programs 17/12/2020, Department of Energy (Washington D.C.) 17 December 2019. Access Date: 29 January 2020. <https://www.energy.gov/articles/department-energy-announces-55-million-funding-electric-aviation-programs>.

On 18 December 2019, Secretary Chao announced up to USD501.5 million worth of loans through the Transportation Infrastructure Finance and Innovation Act (TIFA) to complete the 540 Project in North Carolina. The project will increase capacity by adding new tolled lanes, several intersections, bridges and crossings to enhance economic growth and mobility while reducing congestion.¹¹¹¹

On 3 January 2020, the DOE announced funding worth almost USD25 million to be distributed through the DOE's Office of Fossil Energy to 16 projects, which aim "to advance natural gas infrastructure development." The goal of these projects is to improve the safety, reliability and efficiency of natural gas infrastructures in a cost-effective way.¹¹¹²

On 15 January 2020, Secretary Chao announced over USD900 million worth of infrastructure investments available in 2020 for significant infrastructure projects across America as part of the Infrastructure for Rebuilding America (INFRA) grant program. The aim of the funding will be to "help rebuild America's ageing infrastructure" with "the incorporation of innovative technology" and a focus on rural areas.¹¹¹³

The United States has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration with actions in line with five of the outlined principles: raising economic efficiency, encouraging sustainable growth and development, integrating social considerations, integrating environmental considerations, and building resilience against natural disasters and other risks.

Thus, the United States has received a score of +1.

Analyst: Georgia Gibbings

European Union: +1

The European Union has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure.

On 4 July 2020, the European Investment Bank lent EUR125 million for infrastructure in Friuli Venezia Giulia. The allocation will be used to fund various infrastructure projects in the region such as: energy efficiency upgrading of school buildings, social infrastructure, co-generation and energy efficiency projects, renewable energy generation and improvements in the utilization of water resources. The aim of the loan is to stimulate the growth and social attractiveness of the region as well as the promotion of sustainable development in the region.¹¹¹⁴

¹¹¹¹ U.S. Department of Transportation Announces Up to \$501.5 Million Loan for the complete 540 Project in Raleigh, NC 12/18/2019, U.S. Department of Transportation (Washington D.C.) 18 December 2019. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-5015-million-loan-complete-540-project-raleigh>.

¹¹¹² DOE Awards \$25 Million to Improve Natural Gas Operations 03/01/2020, U.S. Department of Energy (Washington D.C.) 3 January 2020. Access Date: 29 January 2020. <https://www.energy.gov/articles/doe-awards-25-million-improve-natural-gas-operations>.

¹¹¹³ U.S. Transportation Secretary Elaine L. Chao Announces Availability of More Than \$900 Million for Infrastructure Investments Across America 15/01/2020, U.S. Department of Transportation (Washington D.C.) 15 January 2020. Access Date: 29 January 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-availability-more-900-million>.

¹¹¹⁴ Italy: EIB grants EUR 125m for infrastructure in Friuli Venezia Giulia, European Investment Bank (Brussels) 4 July 2020. Access Date: 20 March 2020. <https://www.eib.org/en/press/all/2019-167-eib-grants-eur-125m-for-infrastructure-in-friuli-venezia-giulia>.

On 26 July 2019, the European Commission approved support for six offshore wind farms in France. The European Commission believes that these wind farms will generate aid for France in boosting its share of electricity produced by renewable resources.¹¹¹⁵

On 31 July 2019, the European Commission approved EUR300 million of public support to deploy high-speed networks in Greece. These new broadband networks aim to benefit businesses and consumers with limited internet access in Greece gain more connectivity to participate in the modern digital economy while expanding Europe's e-infrastructure.¹¹¹⁶

On 1 August 2019, the European Investment Bank initiated EUR385 million to windfarms in Spain. The aim of this project is to continue the EU's commitment to investing in renewable energy to advance climate change mitigation.¹¹¹⁷

On 1 August 2019, the European Commission chose to reinvest unspent funds from the NER300 programme to support low-carbon innovative projects, the funds amassed to a support of EUR73 million. The selected infrastructure projects include: the deployment of a near-shore Oscillating Wave Surge Converter to convert wave energy into electric power, an offshore wind farm, and a Greenway electric vehicle charging network in Slovakia.¹¹¹⁸

On 1 October 2019, the European Investment bank signed a EUR115 million loan in support of acquiring new electric buses and installing necessary infrastructure in Rotterdam. The objective is to switch over to clean transportation infrastructure while benefiting citizens through a more modern system and cleaner air quality.¹¹¹⁹

On 3 October 2019, the European Investment Bank released EUR400 million to the construction of two metro lines and a fleet of metro cars in Bhopal. This project aims to improve the business climate of Bhopal through low-carbon and climate resilient infrastructure. The two main objectives are: 1) tackle climate change mitigation by shifting from cars to trains; and 2) improve the social and economic infrastructure while contributing to urban development.¹¹²⁰

On 11 October 2019, the European Investment Bank lent EUR12.5 million to Viesuju Investiciju Pletros Agentura to finance energy-efficient modernization projects in Lithuania. The project will focus on climate change while also generating cohesion benefits through various investment projects. Some projects include, but are not limited to, installing solar panels on family homes and an energy

¹¹¹⁵ State aid: Commission approves support for six offshore wind farms in France, The European Commission (Brussels) 26 July 2020. Access Date: 20 March 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_19_4749..

¹¹¹⁶ State aid: Commission approves €300 million public support for the development of ultrafast broadband network in Greece, European Commission (Brussels) 31 July 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_4909.

¹¹¹⁷ Climate action: EIB to finance construction of 21 wind farms in Spain, The European Commission (Brussels) 1 August 2019. Access Date: 20 March 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_19_4949.

¹¹¹⁸ NER300 funds to support innovative projects in wave energy, offshore wind and charging infrastructure for electric vehicles, The European Commission (Brussels) 1 August 2019. Access Date: 20 March 2020. https://ec.europa.eu/clima/news/ner300-funds-support-innovative-projects-wave-energy-offshore-wind-and-charging-infrastructure_en.

¹¹¹⁹ Juncker Plan and Connecting Europe Facility provide financing for electric buses in Rotterdam, European Commission (Brussels) 1 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_5952.

¹¹²⁰ Bhopal Metro Rail Project, European Investment Bank (Brussels) 3 October 2019. Access Date: 2 February 2020. <https://www.eib.org/en/projects/pipelines/all/20170403>.

efficient investment industrial companies with the benefit of lowering carbon dioxide levels as well as energy bills for consumers.¹¹²¹

On 15 November 2019, the European Commission approved EUR2.6 billion of public support to deploy high-speed networks in Ireland. These new broadband networks aim to benefit businesses and consumers with limited internet access in Ireland gain more connectivity to participate in the modern digital economy and expand Europe's e-infrastructure.¹¹²²

On 29 November 2019, the European Commission approved a German scheme for the integration of broadband networks in Bavaria. These new broadband networks aim to benefit businesses and consumers with limited internet access in Bavaria gain more connectivity to participate in the modern digital economy while expanding Europe's e-infrastructure.¹¹²³

On 5 December 2019, the European Union initiated EUR297 million in strengthening local communities in Jordan and Lebanon. The funding includes support for physical infrastructure developments such as improving public water and wastewater services and establishing a solid waste management system.¹¹²⁴

On 10 December 2019, the European Commission approved EUR400 million of public support to deploy high-speed networks in Spain. These new broadband networks aim to benefit businesses and consumers with limited internet access in Spain gain more connectivity to participate in the modern digital economy.¹¹²⁵

On 10 December 2019, the European Investment Bank initiated EUR26 million for the Solar Storm 200 project in Spain. The project will support a conversion to renewable energy through the building of photovoltaic plants while providing 400 jobs in the implementation phase.¹¹²⁶

On 18 December 2019, the European Union initiated EUR30 million for the project "Africa Connect." The project aims to provide high-capacity internet access for research and education networks across Africa. This investment into the e-infrastructure of Africa has the objective of further supporting the development of skills while improving the employability of young people.¹¹²⁷

¹¹²¹ EU support for first energy efficiency investment platform in Lithuania, European Commission (Brussels) 11 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6066.

¹¹²² State aid: Commission approves €2.6 billion public support for the Irish National Broadband Plan, European Commission (Brussels) 15 November 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6291.

¹¹²³ State aid: Commission approves German scheme for very high capacity broadband networks in Bavaria, European Commission (Brussels) 29 November 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6630.

¹¹²⁴ The EU adopted €297 million in concrete actions for refugees and local communities in Jordan and Lebanon, European Commission (Brussels) 5 December 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6659.

¹¹²⁵ State aid: Commission approves €400 million of public support for very high-speed networks in Spain, European Commission (Brussels) 10 December 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6719.

¹¹²⁶ COP25: Support for renewable energy: EIB and IM2 Energía Solar join forces to create platform for building and operating photovoltaic power plants in Spain, European Commission (Brussels) 10 December 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6718.

¹¹²⁷ Africa-Europe Alliance: EU boosts pan-African Internet connectivity with €30 million, European Commission (Brussels) 18 December 2019. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6789.

On 20 December 2019, the European Investment Bank provided a EUR39 million loan to develop the Port of Trieste. The project will promote increased accessibility to the manufacturing and industrial areas of north-east Italy and various other central European destinations. The implementation of the work is aimed to create over 400 jobs while ensuring strong environmental credentials.¹¹²⁸

On 9 January 2020, the European Commissions initiated EUR27.5 million to Grupo Ruiz to add more modern and less polluting buses to its fleet. The agreement will improve public transport quality in Madrid, Majorca, Badajoz, Toledo, Salamanca and Murcia while cutting the amount of polluting emissions.¹¹²⁹

On 31 January 2020, the European Investment Bank invested EUR200 million for the construction of two new lines of a city metro rail in Pune, India. The aim of the new rail is to encourage accessibility around the city while reducing pollution and greenhouse gas emissions to improve the overall air quality.¹¹³⁰

On 6 March 2020, the EU supported EUR34 million to fund three innovative projects for clean transport in Germany and Italy which is to a total of EUR370 million. The projects include: the development of electric charging infrastructure in Italy, electrifying Hamburg's urban public transport fleet, purchasing 155 e-buses to substitute old diesel buses in Hamburg and building charging infrastructure.¹¹³¹

On 9 March 2020, the European Investment Bank lent EUR240 million to Gasunie for the construction of a nitrogen facility in Zuidbroek, near Groningen. Due to the earthquakes caused by the extraction of natural gas from the Groningen gas field, the Dutch government has sought to resolve these complications through investing in a nitrogen facility infrastructure project.¹¹³²

On 10 March 2020, the European Investment Bank lent EUR60 million for a wind farm project in Poland. The aim of the project is to decarbonize the energy sector in Poland and improve the energy mix.¹¹³³

On 13 March 2020, the European Commission released EUR980 million in funding for clean energy infrastructure. There will be a call for proposals made available until 27 May 2020. Successful proposals must have a project that aims to have a significant impact on at least two EU countries

¹¹²⁸ Italy: EU provides EUR 45m to develop Port of Trieste, European Investment Bank (Brussels) 20 December 2019. Access Date: 2 February 2020. <https://www.eib.org/en/press/all/2019-377-eu-provides-eur-45m-to-develop-port-of-trieste>.

¹¹²⁹ Climate action: EIB provides financing to Grupo Ruiz to renew its fleet with more modern and less polluting buses, European Commission (Brussels) 9 January 2020. Access Date: 2 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_20_14.

¹¹³⁰ India: Safer, eco-friendlier and faster commuting in Pune as the EIB supports the city metro rail with EUR 600 million, European Investment Bank (Brussels) 31 January 2020. Access Date: 20 March 2020. <https://www.eib.org/en/press/all/2020-033-safer-eco-friendlier-and-faster-commuting-in-pune-as-the-eib-supports-the-city-metro-rail-with-eur-600-million>.

¹¹³¹ Innovative projects in transport sector to benefit from NER 300 funds, The European Commission (Brussels) 6 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/clima/news/innovative-projects-transport-sector-benefit-ner-300-funds_en.

¹¹³² Netherlands: EIB supports energy security, The European Commission (Brussels) 9 March 2020. Access Date: 20 March 2020. <https://www.eib.org/en/press/all/2020-083-eib-supports-energy-security-in-the-netherlands>.

¹¹³³ Ignitis Group borrows €60m from EIB for its first wind farm project in Poland, The European Commission (Brussels) 10 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_430.

while increasing competitiveness and enhancing the EU's ability to participate in sustainable development.¹¹³⁴

On 17 March 2020, the European Commission approved an investment package worth more than EUR1.4 billion of EU funds in 14 large infrastructure projects in seven Member States. Improving Croatia's electric rail network, increasing energy security and renewable energy sources in Croatia, increasing flood safety and improving sustainable water management in Hungary, and reducing traffic and pollution through transport services in Poland are just some of the infrastructure projects cited.¹¹³⁵

The European Union has fully complied with its commitment by acting in four of the six commitment areas, such as encouraging sustainable growth and development, integrating social considerations, integrating environmental considerations into infrastructure projects, and building resilience against natural disasters and other risks.

Thus, the European Union has received a received a score of +1.

Analyst: Isabel Davis

¹¹³⁴ Energy Union: €980 million in EU funding available for clean energy infrastructure, The European Commission (Brussels) 13 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/info/news/energy-union-eu980-million-eu-funding-available-clean-energy-infrastructure-2020-mar-13_en.

¹¹³⁵ EU Cohesion Policy invests over €1.4 billion in green projects in 7 Member States, The European Commission (Brussels) 17 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_20_462.

6. Digital Economy: Frameworks

“We will cooperate to encourage the interoperability of different frameworks [for data free flow with trust]”

G20 Leaders’ Osaka Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia		0	
Brazil		0	
Canada			+1
China		0	
France			+1
Germany			+1
India			+1
Indonesia			+1
Italy	-1		
Japan			+1
Korea			+1
Mexico			+1
Russia	-1		
Saudi Arabia		0	
South Africa	-1		
Turkey	-1		
United Kingdom			+1
United States		0	
European Union			+1
Average		+0.30 (65%)	

Background

Digitalization is a relatively new addition to the G20 agenda. G20’s initiatives address the most general issues of digital growth. In 2015, G20 members approved national adjusted growth strategies; several of them, including Germany’s, indicated “investing in research … and expanding the ‘High Tech Strategy’” as a key long-term task.¹¹³⁶ Approving adjusted growth strategies focused on the wide use of digital technologies in various spheres was the first step towards more specific initiatives and commitments. At Antalya, G20 leaders committed to “bridge the digital divide” and also noted that “states have a special responsibility to promote security, stability, and economic ties with other nations” in information communications and technology (ICT).¹¹³⁷

At Hangzhou in 2016, in the G20 Blueprint on Innovative Growth, for the first time G20 leaders addressed the issue of proliferation of the digital economy, which they defined the digital economy as “a broad range of economic activities that includes using digitized information and knowledge as the key factor of production, modern information networks as the important activity space, and the

¹¹³⁶ Adjusted Growth Strategy: Germany. URL: <https://www.ranepa.ru/images/media/g20/2015Antalya/Adjusted-Growth-Strategy-2015-Germany.pdf> (accessed: 22 December 2019)

¹¹³⁷ G20 Leaders’ Communiqué Antalya Summit. Access date: 22 December 2019. <https://www.ranepa.ru/images/media/g20/2015Antalya/00011117.pdf>

effective use of Information and Communication Technology (ICT) as an important driver for efficiency-enhancing and economic structural optimization.”¹¹³⁸ The leaders pledged to “offer policy support for an open, and secure ICT environment, including recognizing the key role of adequate and effective protection and enforcement of intellectual property rights to the development of the digital economy” by means of “cultivating transparent digital economy policy-making” and “supporting the development and use of international standards.”¹¹³⁹ To facilitate “the G20 agenda on innovation, new industrial revolution and digital economy,” G20 leaders decided to establish a designated task force supported by the Organisation for Economic Co-operation and Development (OECD).¹¹⁴⁰

At Hamburg in 2017, the G20 addressed the issue of digital skills promotion. The #eSkills4Girls Initiative touched on the issue within broader context of development and gender policy.¹¹⁴¹ To facilitate implementing commitments on digital growth, the Digital Economy Task Force (DETF) was established following the decision made in Hangzhou in 2016.¹¹⁴² The leaders concluded with commitments aimed at harnessing digitalization and digital growth such as a pledge to promote digital literacy and digital skills, ensure effective competition to foster investment and innovation, promote effective cooperation of all stakeholders and encourage the development and use of market- and industry-led international standards for digitized production, products and services.¹¹⁴³

During Argentina’s G20 presidency in 2018, the DETF presented political tools for digital growth including the G20 Digital Governance Principles, recommendation for measuring the digital economy, gender equality in digital sphere and digital infrastructure development.¹¹⁴⁴ At Buenos Aires, the G20 leaders pledged to “promote measures to boost micro, small and medium enterprises and entrepreneurs, bridge the digital gender divide and further digital inclusion, support consumer protection, and improve digital government, digital infrastructure and measurement of the digital economy.”¹¹⁴⁵

Japan’s G20 presidency in 2019 greatly expanded the G20 digital agenda. In Osaka, the G20 leaders presented the Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), which tackled cyber security.¹¹⁴⁶ In addition, the Osaka

¹¹³⁸ G20 Blueprint on Innovative Growth. URL: <https://www.ranepa.ru/images/media/g20/2016Hangzhou/G20%20Blueprint%20on%20Innovative%20Growth.pdf> (accessed: 22 December 2019)

¹¹³⁹ G20 Blueprint on Innovative Growth. URL: <https://www.ranepa.ru/images/media/g20/2016Hangzhou/G20%20Blueprint%20on%20Innovative%20Growth.pdf> (accessed: 22 December 2019)

¹¹⁴⁰ G20 Leaders' Communiqué Hangzhou Summit September 5, 2016. URL: <https://www.ranepa.ru/images/media/g20/2016Hangzhou/G20%20Leaders%E2%80%99%20Communiqué%20Hangzhou%20Summit.pdf> (accessed: 22 December 2019)

¹¹⁴¹ G20 Initiative “#eSkills4Girls”. URL: <https://www.ranepa.ru/images/media/g20/2017hamburg/2017-g20-initiative-eskills4girls-en.pdf> (accessed: 22 December 2019)

¹¹⁴² G20 Leaders' Communiqué Hangzhou Summit September 5, 2016. URL: <https://www.ranepa.ru/images/media/g20/2016Hangzhou/G20%20Leaders%E2%80%99%20Communiqué%20Hangzhou%20Summit.pdf> (accessed: 22 December 2019)

¹¹⁴³ G20 Leaders' Hamburg Declaration. URL: https://www.ranepa.ru/images/media/g20/2017hamburg/G20%20Hamburg%20leaders_%20communiqué%C3%A9.pdf (accessed: 22 December 2019)

¹¹⁴⁴ G20 Digital Economy Ministerial Declaration. URL: <https://g20digitalrepo.org/G20%20DETF%20Ministerial%20Declaration%20Salta.pdf> (accessed: 22 December 2019)

¹¹⁴⁵ G20 Leaders' declaration. URL: https://www.ranepa.ru/images/media/g20/2018buenosaires/buenos_aires_leaders_declaration.pdf (accessed: 22 December 2019)

¹¹⁴⁶ G20 Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT). URL: https://www.ranepa.ru/images/News_ciir/Project/G20_new_downloadings/G20_OSAKA_LEADERS_STATEMENT_ON_PREVENTING_EXPLOITATION_OF_THE_INTERNET_FOR_TERRORISM.pdf (accessed: 22 December 2019)

Declaration on Digital Economy was adopted in which most G20 members (with exception of India, South Africa and Indonesia) declared the launch of the “Osaka track” to promote discussions on “trade-related aspects of electronic commerce at the WTO.”¹¹⁴⁷

Commitment Features

The commitment requires the G20 members to facilitate interoperability — the degree to which two products, programs, etc., can be used together, or the quality of being able to be used together¹¹⁴⁸ — of different legal frameworks, both domestic and international, to harness the opportunities of the digital economy, facilitate data free flow and strengthen consumer and business trust.¹¹⁴⁹ The “framework” in this context refers to a general definition of the term implying “a system of rules, ideas, or beliefs that is used to plan or decide something”¹¹⁵⁰

Thus, to achieve full compliance, a G20 member should take actions to improve its own legal framework and contribute to the development of international legal frameworks that regulate digital economy-related issues. “National” refers to changes in a member’s legislation that are aimed at digital growth, data free flow facilitation or strengthened consumer and business trust. “International” refers to actions taken by a G20 member, or a group of countries including a G20 member, in the form of a proposed initiative to an international or regional organization to tackle issues relating to digital growth, data free flow and trust building, e.g., relevant organizations in the United Nations system, the OECD or the World Trade Organization.

Scoring Guidelines

-1	G20 member does not improve the interoperability of different national or international digital frameworks
0	The G20 member takes actions to improve the interoperability of different digital frameworks, but these actions are either national OR international.
+1	G20 member improves the interoperability of different digital frameworks both nationally and internationally.

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment to improve interoperability of different national or international digital frameworks.

On 10 September 2019, the Ministry of Health and Social Development issued Resolution 2524/2019 which approved the Guide for the Unambiguous Identification of Persons in Health. The Secretary of Government also proposes to start, together with the jurisdictions, the path towards a health system that has technologies that facilitate the registration of the information in primary form, during the contact with the patient, in interoperable systems that allow information to be shared between levels of care and jurisdictions, building for each patient a national, longitudinal and complete medical history of clinical, statistical and management utility.¹¹⁵¹

¹¹⁴⁷ Osaka Declaration on Digital Economy. URL: https://www.ranepa.ru/images/News_ciir/Project/G20_new_downloadings/OSAKA_DECLARATION_ON_DIGITAL_ECONOMY_eng.pdf (accessed: 22 December 2019)

¹¹⁴⁸ Cambridge Dictionary. Accessed 13 April 2020. <https://dictionary.cambridge.org/dictionary/english/interoperability>

¹¹⁴⁹ G20 Osaka Leaders’ Declaration. URL: https://www.ranepa.ru/images/News_ciir/Project/G20_new_downloadings/FINAL_G20_Osaka_Leaders_Declaration.pdf (accessed: 22 December 2019)

¹¹⁵⁰ Cambridge dictionary. Accessed 13 April 2020. <https://dictionary.cambridge.org/dictionary/english/framework>

¹¹⁵¹ Resolución 2524/2019, Legislative Information of Argentina (Buenos Aires) 10 September 2019. Access date: 20 May 2020. <http://servicios.infoleg.gob.ar/infolegInternet/anexos/325000-329999/329903/norma.htm>

On 27 April 2020, Red Hat, Inc., the world's leading provider of open source solutions, announced that the Argentine Ministry of Health implemented a National Digital Health Network to vastly improve accessibility of universal healthcare coverage services and initiatives using Red Hat open hybrid cloud technologies and facilitate interoperability.¹¹⁵²

Argentina is taking steps to improve its national framework to harness the opportunities of the digital economy, but no evidence of Argentina contributing to development of international frameworks has been found.

Thus, it receives a score of 0.

Analyst: Irina Popova

Australia: 0

Australia has partially complied with the commitment to improve interoperability of different national or international digital frameworks.

On 31 October 2019, the Australian National Audit Office (ANAO) released an Auditor-General Report no. 11 detailing the extent to which Australian Government entities have implemented the Digital Continuity 2020 policy adopted in October 2015. One of the policy's goals was to ensure interoperability of information, systems and processes within the government structure. The ANAO concludes, however, that "Australian Government is unlikely to achieve the objectives of the Digital Continuity policy by the end of 2020, and the National Archives of Australia (the Archives) has been largely ineffective in monitoring, assisting, and encouraging entities to meet the targets of the policy."¹¹⁵³

On 23 October 2019, Australia along with Chile, Colombia, Costa Rica, Georgia, Hong Kong (China), Iceland, Israel, Mexico, New Zealand, Norway, Panama, Paraguay, Singapore and Switzerland issued a communication on the Work Programme on Electronic Commerce of the World Trade Organization (WTO), specifically on the subject of moratorium on customs duties on electronic transmissions. Australia and other co-signing WTO members called for an extension of the moratorium until the 12th Ministerial Conference, with a view to ensure "certainty and predictability for business and consumers." The WTO Work Programme on Electronic Commerce has a goal of establishing an international set of norms and standards, regulating transboundary trade in electronic goods and services.¹¹⁵⁴

On 29 November 2019, Australia issued a similar communication, this time in concert with Canada, Chile, Colombia, Costa Rica, Georgia, Guatemala, Hong Kong (China), Iceland, Israel, Republic of Korea, Mexico, New Zealand, Norway, Panama, Paraguay, Singapore, Switzerland, Thailand, and Uruguay.¹¹⁵⁵

No effective actions on improving international digital frameworks interoperability at the national level have been registered during the monitoring period. However, Australia was active with its proposals internationally.

¹¹⁵² Argentine Ministry of Health Enlists Red Hat to Help Establish a National Digital Health Network, Red Hat (Raleigh) 27 April 2020. Access date: 20 May 2020. <https://www.redhat.com/es/about/press-releases/argentine-ministry-health-enlists-red-hat-help-establish-national-digital-health-network>

¹¹⁵³ Implementation of the Digital Continuity 2020 Policy, Australian National Audit Office (Canberra) 31 October 2019, <https://www.anao.gov.au/work/performance-audit/implementation-digital-continuity-2020-policy>.

¹¹⁵⁴ Work Programme and Moratorium on Electronic Commerce, WTO (Geneve) 23 October 2019. Access Date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/WT/GC/W782R1.pdf>.

¹¹⁵⁵ Work Programme and Moratorium on Electronic Commerce, WTO (Geneve) 29 November 2019. Access Date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/WT/GC/W782R2.pdf>.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Andrei Sakharov

Brazil: 0

Brazil has partially complied with the commitment to improve interoperability of different national or international digital frameworks.

On 9 October 2019, decree No. 10,046 was issued. It provides for governance in data sharing within the scope of the federal public administration and institutes the Citizen Base Register and the Central Data Governance Committee. The main goals of the decree are to simplify the provision of public services; guide and optimize the formulation, implementation, evaluation and monitoring of public policies; make it possible to analyze the conditions for accessing and maintaining social and tax benefits; promote the improvement of the quality and reliability of data held by the federal public administration; and increase the quality and efficiency of the internal operations of the federal public administration.¹¹⁵⁶

On 28 November 2019, the Brazilian government published Interoperability Standards for digital government. The architecture of Interoperability Standards (ePING) defines a minimum set of assumptions, policies and technical specifications that regulate the use of Information and Communication Technology in the Federal Government, establishing the conditions for interaction with other Powers and spheres of government and with the society in general.¹¹⁵⁷

Brazil is taking steps to improve its national framework to harness the opportunities of the digital economy, but no evidence of Brazil contributing to development of international frameworks has been found.

Thus, it receives a score of 0.

Analyst: Irina Popova

Canada: +1

Canada has fully complied with the commitment to improve interoperability of different national or international digital frameworks.

On 7 August 2019, the Government of Canada released the National Cyber Security Action Plan and re-launched the Cyber Security Cooperation Program. The latter is designed to support projects aimed at improving Canada's cyber systems to increase innovation and cooperation including through establishing international partnerships.¹¹⁵⁸

On 4 September 2019, Canada issued a communication to the World Trade Organization (WTO) within the electronic commerce track on Preventing the Use of Personal Information from being used for the Discrimination or Persecution of Natural Persons. In the communication Canada stated, that it continued to adapt and modernize its approach to digital trade policy and expressed its interest

¹¹⁵⁶ Decree No. 10,046, of October 9, 2019, Presidency of the Republic Sub-General Secretariat for Legal Affairs (Brasilia) 9 October 2019. Access date: 19 May 2020. http://www.planalto.gov.br/ccivil_03/_Ato2019-2022/2019/Decreto/D10046.htm

¹¹⁵⁷ Interoperability Standards, Government of Brazil (Brasilia) 28 November 2019. Access date: 19 May 2020. <https://www.gov.br/governodigital/pt-br/governanca-de-dados/padroes-de-interoperabilidade>

¹¹⁵⁸ The Government of Canada advances cyber security innovation and cooperation, Government of Canada (Ottawa) 7 August 2019. Access Date: 18 May 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/08/the-government-of-canada-advances-cyber-security-innovation-and-cooperation.html>.

in strengthening provisions related to the protection of personal information under the WTO Joint Statement Initiative on E-commerce. Canada proposed to include the following passage into the potential international arrangement on the issue: “No Party/Member shall use the personal information of users of digital trade to persecute or discriminate against a natural person on the basis of race, colour, sex, sexual orientation, gender, language, religion, political or other opinion, national or social origin, property, birth or other status, or disability.”¹¹⁵⁹

On 9 October 2019, Canada and New Zealand issued a joined communication to the WTO on the Transparency in WTO negotiations and application to the Joint Statement Initiative (JSI) e-commerce negotiations. The communication called for increased transparency of the JSI negotiation process, including the publishing of records of meetings and other documentation.¹¹⁶⁰

On 29 November 2019, Canada issued a communication, in concert with Australia, Chile, Colombia, Costa Rica, Georgia, Guatemala, Hong Kong (China), Iceland, Israel, Republic of Korea, Mexico, New Zealand, Norway, Panama, Paraguay, Singapore, Switzerland, Thailand, and Uruguay. In this communication on the WTO Work Programme on Electronic Commerce, Canada and other co-signing WTO members called for an extension of the moratorium until the 12th Ministerial Conference, with a view to ensure “certainty and predictability for business and consumers.” The WTO Work Programme on Electronic Commerce has a goal of establishing an international set of norms and standards, regulating transboundary trade in electronic goods and services.¹¹⁶¹

On 21 January 2020, Bank of Canada, the Bank of England, the Bank of Japan, the European Central Bank, the Sveriges Riksbank and the Swiss National Bank, together with the Bank for International Settlements (BIS), have created a group to share experiences as they assess the potential cases for central bank digital currency in their home jurisdictions. The group will assess those cases; economic, functional and technical design choices, including cross-border interoperability; and the sharing of knowledge on emerging technologies. It will closely coordinate with the relevant institutions and forums — in particular, the Financial Stability Board and the Committee on Payments and Market Infrastructures.¹¹⁶²

On 10 February 2020, Canada, New Zealand and Ukraine issued a joint communication to the WTO on the Transparency in WTO negotiations and application to the JSI e-commerce negotiations. The communication called for increased transparency of the JSI negotiation process, including the publishing of records of meetings and other documentation.¹¹⁶³

Canada took actions to improve interoperability of different frameworks at both national and international levels.

¹¹⁵⁹ Joint Statement on Electronic Commerce Communication from Canada Concept Paper — Preventing the Use of Personal Information from being used for the Discrimination or Persecution of Natural Persons, WTO (Geneva) 10 September 2019. Access Date: 18 May 2020.

<https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/INF/ECOM/39.pdf>.

¹¹⁶⁰ Joint Statement on Electronic Commerce — Communication from New Zealand and Canada — Non paper — Transparency in WTO negotiations and application to the JSI, WTO (Geneva) 9 October 2019. Access Date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/INF/ECOM/42R1.pdf>.

¹¹⁶¹ Work Programme and Moratorium on Electronic Commerce, WTO (Geneva) 29 November 2019. Access Date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/WT/GC/W782R2.pdf>.

¹¹⁶² Central bank group to assess potential cases for central bank digital currencies, Bank Of Japan (Tokyo) 21 January 2020. Access date: 20 May 2020. https://www.boj.or.jp/en/announcements/release_2020/rel200121a.htm/

¹¹⁶³Joint Statement on Electronic Commerce — Communication from New Zealand, Canada and Ukraine — Non paper — Transparency in WTO negotiations and application to the JSI, WTO (Geneva) 10 February 2020. Access Date: 18 May 2020. <https://docs.wto.org/dol2fe/Pages/SS/directdoc.aspx?filename=q:/INF/ECOM/42R2.pdf>.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

China: 0

China has partially complied with the commitment on improvement of interoperability of different national or international frameworks.

On 26 October 2019, China approved the first national law on encryption. The regulation came into force on the 1 January 2020. It broadens the current regulatory scope of encryption, liberalizes commercial encryption at national-law level and proposes a market-oriented regulatory regime for the commercial encryption industry.¹¹⁶⁴

On 6 November 2019, China launched six new pilot zones for innovation and development of the digital economy. These zones are said to serve as the mechanism to optimize the allocation of data and to keep up government regulation with new issues emerging from the fast growth in the digital economy.¹¹⁶⁵

China is taking steps to improve its national framework to harness the opportunities of the digital economy, but no evidence of China contributing to development of international frameworks has been found.

Thus, China receives a score of 0.

Analyst: Alexander Ignator

France: +1

France has fully complied with the commitment on improvement of interoperability of different national or international frameworks.

On 30 March 2020, the French Tax Authority issued draft guidance on the score and computation of the new digital services tax (DST) and the related compliance issues. Services subject to the tax include targeted online advertising, including the sale of user data; and online ‘digital intermediation’ services such as platforms and marketplaces. Each category has its own set of rules in terms of territoriality and computation of the ratio of French-deemed services (the French presence ratio).¹¹⁶⁶

On 26 December 2019, the French Financial Markets Authority published new regulations concerning the licensing of digital assets providers. Licensed providers are required to have professional indemnity insurance or a minimum amount of reserve funds, at least one effective senior manager, resilient information technology systems, an internal control system, a claims handling procedure, an organization enabling it to avoid conflicts of interests and procedures to prevent money laundering and terrorist financing.¹¹⁶⁷

¹¹⁶⁴ China Cybersecurity and Data Protection: China publishes first law on encryption, Lexology (London) 12 November 2019. Access date: 24 March 2020. <https://www.lexology.com/library/detail.aspx?g=53282dfc-c7f6-4cef-8de6-8f180fed8b31>

¹¹⁶⁵ China to push public data sharing in digital economy pilot zones, Xinhua (Beijing) 06 November 2019. Access date: 24 March 2020.: http://www.xinhuanet.com/english/2019-11/06/c_138533926.htm

¹¹⁶⁶ France issues comprehensive draft guidance on digital services tax, the Society of Trust and Estate Practitioners (London) 16 April 2020. Access date: 15 May 2020. <https://www.step.org/news/france-issues-comprehensive-draft-guidance-digital-services-tax>

¹¹⁶⁷ Crypto Firms Can Now Apply for a License in France, Yahoo Finance 26 December 2019. Access date: 03 April 2020. <https://finance.yahoo.com/news/crypto-firms-now-apply-license-170000940.html>

On 22 August 2019, France and India presented a Roadmap on Cybersecurity and Digital Technology. India and France affirmed their willingness to reinforce cooperation, notably through the sharing of information between their cybersecurity agencies, in order to prevent malicious activities, undertake immediate corrective response, mitigate their potential impact and identify their causes. Recognizing the need to strengthen the security of digital processes, products and services, France and India intend to share information on the legal and regulatory framework and best practices, including on the protection of economic information infrastructure impacting national security, and on testing and certification of digital products. In this context, France and India intend to work together on the risks associated with the deployment of 5G technologies and the technical solutions adopted to deal with them.¹¹⁶⁸

France is taking steps to improve both national and international frameworks to harness the opportunities of the digital economy.

Thus, France receives a score of +1.

Analyst: Alexander Ignator

Germany: +1

Germany has fully complied with the commitment on digitalization.

On 6 November 2019, German federal ministry for economic affairs and energy and the ministry of economy, trade and industry of Japan issued a joint statement on economic policy and cooperation. Both sides committed to accelerating discussions on a digital economy, including international rule-making on trade-related aspects of electronic commerce at the World Trade Organization, under the “Osaka Track” launched at the margin of the G20 Osaka Summit. They mentioned that this work would be guided in particular by the concept of data free flow with trust, and thus both sides would work together to enhance trust concerning data security, while respecting each other’s respective regulatory framework.¹¹⁶⁹

On 19 February 2020, the European Commission presented the European data strategy. The strategy provides for measures to ensure free flow of data within the European Union and free and safe flow of data with third countries, subject to exceptions and restrictions for public security, public order and other legitimate public policy objectives of the European Union, in line with international obligations.¹¹⁷⁰

Germany has taken actions to improve interoperability of different frameworks at both national and international levels.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

¹¹⁶⁸ Indo-French Roadmap on Cybersecurity and Digital Technology. Government of India Ministry of Foreign Affairs (New Delhi) 22 August 2019. Access date: 03 April 2020. <https://mea.gov.in/bilateral-documents.htm?dtl/31757/IndoFrench+Roadmap+on+Cybersecurity+and+Digital+Technology+August+22+2019>

¹¹⁶⁹ Joint Statement of the Federal Ministry for Economic Affairs and Energy of the Federal Republic of Germany and the Ministry of Economy, Trade and Industry of Japan on economic policy and cooperation, German federal ministry for economic affairs and energy 6 November 2019. Access Date: 3 April 2020. https://www.bmwi.de/Redaktion/EN/Downloads/joint-statement-on-economic-policy-and-cooperation.pdf?__blob=publicationFile&v=2.

¹¹⁷⁰ A European strategy for data, European Commission 19 February 2020. Access Date: 3 April 2020. https://ec.europa.eu/info/sites/info/files/communication-european-strategy-data-19feb2020_en.pdf.

India: +1

India has fully complied with the commitment improvement of interoperability of different national or international frameworks.

On 2 August 2019, the Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution issued the e-commerce guidelines for consumer protection, 2019 in order to safeguard the interest of the consumers. The guidelines are only applicable to business-to-customer (B2C) e-commerce entities. The Guidelines are also applicable to all B2C e-commerce entities involved in digital content products.¹¹⁷¹

On 22 August 2019, France and India presented a Roadmap on Cybersecurity and Digital Technology. India and France affirmed their willingness to reinforce cooperation, notably through the sharing of information between their cybersecurity agencies, in order to prevent malicious activities, undertake immediate corrective response, mitigate their potential impact and identify their causes. Recognizing the need to strengthen the security of digital processes, products and services, France and India intend to share information on the legal and regulatory framework and best practices, including on the protection of economic information infrastructure impacting national security, and on testing and certification of digital products. In this context, France and India intend to work together on the risks associated with the deployment of 5G technologies and the technical solutions adopted to deal with them.¹¹⁷²

On 4 December 2019, the cabinet of Prime Minister Narendra Modi approved a data protection bill for tabling in parliament, taking the country a step closer to framing a privacy law. The bill mandates that personal data categorized as sensitive will be stored or processed only in India, the source said, declining to be named as details about the bill in its current form are not public. It also says that data deemed sensitive will have to be stored in India but can be processed outside of the country.¹¹⁷³

India is taking steps to improve both national and international frameworks to harness the opportunities of the digital economy.

Thus, it receives a score of +1.

Analyst: Irina Popova

Indonesia: +1

Indonesia has fully complied with the commitment improvement of interoperability of different national or international frameworks.

On 17 August 2019, Bank of Indonesia launched a quick response (QR) code standard for payments through server-based e-money applications, electronic wallets and mobile banking known as QR Code Indonesian Standard (QRIS). National QRIS implementation will be effective from 1st January 2020 in order to provide an adequate transition period for payment system service providers to

¹¹⁷¹ Advisory to State Governments / Union Territories: Model Framework for Guidelines on e-Commerce for consumer protection, Government of India Ministry of Consumer Affairs, Food & Public Distribution (Department of Consumer Affairs) (Delhi) 2 August 2019. Access date: 19 May 2020. <https://consumeraffairs.nic.in/sites/default/files/file-uploads/latestnews/Guidelines%20on%20e-Commerce.pdf>

¹¹⁷² Indo-French Roadmap on Cybersecurity and Digital Technology. Government of India Ministry of Foreign Affairs (New Delhi) 22 August 2019. Access date: 03 April 2020. <https://mea.gov.in/bilateral-documents.htm?dtl/31757/IndoFrench+Roadmap+on+Cybersecurity+and+Digital+Technology+August+22+2019>

¹¹⁷³ India's cabinet clears data protection bill for tabling in parliament, CNBC 4 December 2019. Access date: 19 May 2020. <https://www.cnbc.com/2019/12/04/reuters-america-update-1-indias-cabinet-clears-data-protection-bill-for-tabling-in-parliament.html>

prepare for the new standard. QRIS launching is part of the roll-out of the Indonesian Payment System Vision for 2025, announced in May 2019. QRIS was compiled by Bank Indonesia along with the Indonesia Payment System Association, using EMV Co. 1 international standards to support broader payment system instrument interconnectedness and accommodate the specific needs of Indonesia, thus providing interoperability between providers, instruments and other countries.¹¹⁷⁴

On 28 November 2019, Bank Indonesia issued a blueprint titled Bank Indonesia: Menavigasi Sistem Pembayaran Nasional di Era Digital (Bank Indonesia: Navigating the National Payment System in the Digital Era) as a follow-up to Indonesia's 2025 Payment System Visions that were introduced in May this year. Through the 2025 visions, Bank Indonesia intends to: support the integration of national digital economy and finance, support banking digitalization, guarantee the interlink between fintech and banking, ensure there is a balance between innovation, consumer protection and healthy business competition, safeguard national interests in cross-border digital economy and finance. It is planned that Bank Indonesia, together with industry, will develop an integrated payment interface to ensure interoperability from the transaction's starting point.¹¹⁷⁵

On 1 February 2020, Bank Indonesia made a deal with Bangko Sentral ng Pilipinas to boost their ties in improving payment systems and digital financial innovation. The deal complements the previous central banks' cooperation related to anti-money laundering and preventing terrorism financing in the field of payment systems. In a joint statement, the central banks said their Memorandum of Understanding looks to "provide a framework of closer cooperation between the two central banks" in order to attain a "more secure, efficient and reliable payment system, and to promote digital financial innovation."¹¹⁷⁶

Indonesia taking steps to improve both national and international framework to harness the opportunities of the digital economy.

Thus, it receives a score of +1.

Analyst: Irina Popova

Italy: -1

Italy has failed to comply with the commitment to improve interoperability of different national or international digital frameworks.

No actions on improving international digital frameworks interoperability at the national or international level have been registered during the monitoring period.

Thus, Italy is awarded a score of -1.¹¹⁷⁷

Analyst: Andrei Sakharov

¹¹⁷⁴ QRIS, One QR Code for all Payments, Bank of Indonesia (Jakarta) 17 August 2019. Access date: 20 May 2020. https://www.bi.go.id/en/ruang-media/siaran-pers/Pages/SP_216219.aspx

¹¹⁷⁵ Indonesia Payment Systems Blueprint 2025 Bank Indonesia: Navigating the National Payment Systems in the Digital Era, Bank Indonesia (Jakarta) 28 November 2019. Access date: 20 May 2020. <https://www.bi.go.id/en/publikasi/sistem-pembayaran/riset/Documents/Indonesia-Payment-Systems-Blueprint-2025.pdf>

¹¹⁷⁶ Indonesia, Philippines Central Bank Inks Deal on Payment Systems, TheInsiderStories (Jakarta) 1 February 2020. Access date: 20 May 2020. <https://theinsiderstories.com/indonesia-philippines-central-bank-inks-deal-on-payment-systems/>

¹¹⁷⁷ Websites of Italy's Ministry of Digital Infrastructure and Information Technology, Ministry of Economic Development and national government as well as open sources were searched.

Japan: +1

Japan has fully complied with the commitment on digitalization.

On 10-11 October 2019, Ministry of Economy, Trade and Industry (METI), the Ministry of Internal Affairs and Communications, the National Center of Incident Readiness and Strategy for Cybersecurity, the Personal Information Protection Commission, the Ministry of Foreign Affairs) and other organizations jointly participated in a U.S.-Japan Policy Cooperation Dialogue on the Internet Economy (the tenth director general-level meeting) which was held in Tokyo. The dialogue included discussions with private sector representatives from both countries on “promotion of open, interoperable, reliable, and secure fifth generation mobile technologies (5G) networks and services”; “public-private cooperation on the deployment in third countries of digital infrastructure and services”; “international coordination on areas such as sharing of best practices of Internet of Things (IoT) security and promotion of free flows of data”; and “public-private partnership regarding the social implementation of artificial intelligence (AI) in a manner that fosters public trust in AI.”¹¹⁷⁸

On 6 November 2019, the German federal ministry for economic affairs and energy and METI issued a joint statement on economic policy and cooperation. Both sides committed to accelerating discussions on a digital economy, including international rule-making on trade-related aspects of electronic commerce at the World Trade Organization, under the Osaka Track launched at the margin of the G20 Osaka Summit. They mentioned that this work would be guided in particular by the concept of data free flow with trust, and thus both sides would work together to enhance trust concerning data security, while respecting each other’s respective regulatory framework.¹¹⁷⁹

On 20 December 2019, METI announced that in response to Japan’s submission to the ISO/IEC Joint Technical Committee of a proposal for developing new international standards for enhancing data collaboration among IoT systems, the committee decided to advance deliberations on standardization of the proposed technology. These new standards are expected to: encourage different industrial fields to mutually utilize IoT equipment among their systems; help companies reduce costs for system development; and encourage companies to collaboratively develop IoT systems.¹¹⁸⁰

On 27 December 2019, METI revised the Cybersecurity Guidelines for Energy Resource Aggregation Business, a compilation of cybersecurity measures that companies participating in the energy resource aggregation business (ERAB) framework should take. The first key point of the revision is dedicated to securing interoperability of cyber physical systems. The ERAB system aims not only to protect information but also to secure resilience to encourage electricity systems to continue to work physically, and to this end, the revised guidelines additionally require ERAB companies to formulate security measures for entire supply chains.¹¹⁸¹

¹¹⁷⁸ Tenth U.S.-Japan Policy Cooperation Dialogue on the Internet Economy Held, Ministry of Economy, Trade and Industry of Japan (Tokyo) 18 October 2019. Access date: 20 May 2020.

https://www.meti.go.jp/english/press/2019/1018_005.html

¹¹⁷⁹ Joint Statement of the Federal Ministry for Economic Affairs and Energy of the Federal Republic of Germany and the Ministry of Economy, Trade and Industry of Japan on economic policy and cooperation, German federal ministry for economic affairs and energy 6 November 2019. Access Date: 3 April 2020.

https://www.bmwi.de/Redaktion/EN/Downloads/joint-statement-on-economic-policy-and-cooperation.pdf?__blob=publicationFile&v=2.

¹¹⁸⁰ Development of New International Standards for Vitalizing IoT, Ministry of Economy, Trade and Industry of Japan (Tokyo) 20 December 2019. Access date: 20 May 2020. https://www.meti.go.jp/english/press/2019/1220_004.html

¹¹⁸¹ Cybersecurity Guidelines for Energy Resource Aggregation Business Revised, Ministry of Economy, Trade and Industry of Japan (Tokyo) 27 December 2019. Access date: 20 May 2020.

https://www.meti.go.jp/english/press/2019/1227_005.html

On 21 January 2020, Bank of Canada, the Bank of England, the Bank of Japan, the European Central Bank, the Sveriges Riksbank and the Swiss National Bank, together with the Bank for International Settlements, have created a group to share experiences as they assess the potential cases for central bank digital currency in their home jurisdictions. The group will assess the cases; economic, functional and technical design choices, including cross-border interoperability; and the sharing of knowledge on emerging technologies. It will closely coordinate with the relevant institutions and forums — in particular, the Financial Stability Board and the Committee on Payments and Market Infrastructures.¹¹⁸²

Japan has taken actions to improve interoperability of different frameworks at both national and international levels.

Thus, it receives a score of +1.

Analyst: Irina Popova

Korea: +1

Korea has fully complied with the commitment improvement of interoperability of different national or international frameworks.

On 5 March 2020, the National Assembly passed a new legislation on cryptocurrency trading. The regulation authorizes Korea's financial regulators to effectively oversee the growing industry and develop rules around anti-money laundering among other processes.¹¹⁸³

On 18 May 2020, the Financial Services Commission of Korea unveiled the 5th Plan for Financial Hub Policy for 2020–2022. The specific strategies include pursuing regulatory reforms to promote private sector-driven innovation, building infrastructure to continue innovative growth in the financial industry and adopting a “selection and concentration” approach to build global capacity with a particular attention paid to the ASEAN markets. Among the main pillars of the policy, the key factors are the development of the digital financial technologies and promotion of anti-money laundering framework.¹¹⁸⁴

Korea is taking steps to improve both national and international framework to harness the opportunities of the digital economy.

Thus, it receives a score of +1.

Analyst: Alexander Ignator

Mexico: +1

Mexico has fully complied with the commitment to improve interoperability of different national or international digital frameworks.

On 14 August 2019, the Official Office of the Ministry of Finance and Public Credit and the Tax Administration Service signed a collaboration agreement for the interoperability, exchange of

¹¹⁸² Central bank group to assess potential cases for central bank digital currencies, Bank Of Japan (Tokyo) 21 January 2020. Access date: 20 May 2020. https://www.boj.or.jp/en/announcements/release_2020/rel200121a.htm/

¹¹⁸³ "암호화폐 거래 제도화" 특금법 통과..향후 쟁점은 (Special Act on Institutionalization of Cryptocurrency trading Passed), DAUM (Seoul) 05 March 2020. Access date: 18 May 2020. <https://news.v.daum.net/v/20200305173114246>

¹¹⁸⁴ FSC Unveils 5th Plan for Financial Hub Policy, Financial Services Commission (Seoul) 18 May 2020. Access date: 18 May 2020. http://meng.fsc.go.kr/common/pdfjs/web/viewer.html?file=/upload/press1/20200518111610_58dffdf1.pdf

information and automation of the Electronic System of Public Government Information on acquisitions, leases, public works and services related.¹¹⁸⁵

On 5 September 2019, the Executive Secretariat of the National Anticorruption System presented the beta version of the National Digital Platform (PDN), which contains data for Public Server Systems that intervene in contracting processes and the System of Public and Private Servants Sanctioned, provided by the Ministry of Public Function and the State of Mexico. The PDN is an interoperability tool that will work with the input of data from government agencies at the state and federal levels, as well as from autonomous agencies, to exchange strategic information to prevent and punish possible acts of corruption.¹¹⁸⁶

On 11 September 2019, the 16th meeting of the Latin American and Caribbean Council on Civil Registry, Identity and Vital Statistics took place. General Director of the Mexican National Registry of Population and Identity Jorge Wheatley Fernández rendered the report on progress on the management of regulations, data protection and diversity, including a project on preparing the legal document to the interoperability of the databases. These projects will help strengthen the mechanisms for exchanging information between member countries and obtaining best practices that contribute to guaranteeing the right to identity in the region.¹¹⁸⁷

On 18 September 2019, National Telecommunications and Antennas Laboratory of the National Polytechnic Institute collaborated with the Secretariat of Communications and Transportation in the implementation of the model and in the development of test protocols. The results of these tests demonstrated that interoperability between different technologies is currently possible only at the voice level.¹¹⁸⁸

On 29 November 2019, the Digital Agency for Public Innovation presented the Digital Citizenship Plan. It is a road map for digital transformation and innovation whose general objective is to strengthen the relationship between citizens and the city government. One key element is the Interoperability Track. It suggests standards for consultation of information and documents between public entities, which guarantee the security and confidentiality of the information and allow the interaction of the systems of the entities.¹¹⁸⁹

Mexico is taking steps to improve both national and international framework to harness the opportunities of the digital economy.

Thus, it receives a score of +1.

Analyst: Irina Popova

¹¹⁸⁵Comunicado No. 076 Firman convenio la Oficialía Mayor de la SHCP y el SAT, Mexican Government (Mexico City) 14 August 2019. Access date: 19 May 2020. <https://www.gob.mx/shcp/prensa/comunicado-no-076-firman-convenio-la-oficialia-mayor-de-la-shcp-y-el-sat?idiom=es-MX>

¹¹⁸⁶ Lanza Sesna Versión Beta De Plataforma Digital Nacional, Mexican Government (Mexico City) 5 September 2019. Access date: 19 May 2020. <https://www.gob.mx/sesna/prensa/lanza-sesna-version-beta-de-plataforma-digital-nacional>

¹¹⁸⁷ XVI Encuentro del Consejo Latinoamericano y del Caribe de Registro Civil, Identidad y Estadísticas Vitales, Mexican Government (Mexico City) 11 September 2019. Access date: 19 May 2020. <https://www.gob.mx/segob%7Crenapo/articulos/xvi-encuentro-del-consejo-latinoamericano-y-del-caribe-de-registro-civil-identidad-y-estadisticas-vitales>

¹¹⁸⁸ Condujo la SCT procesos y pruebas en apoyo a la modernización de redes de seguridad pública, Mexican Government (Mexico City) 18 September 2019. Access date: 19 May 2020. <https://www.gob.mx/sct/prensa/condujo-la-sct-procesos-y-pruebas-en-apoyo-a-la-modernizacion-de-redes-de-seguridad-publica>

¹¹⁸⁹ Presentación del Plan de Ciudadanía Digital, Digital Agency for Public Innovation (Mexico) 29 November 2019. Access date: 19 May 2020. <https://adip.cdmx.gob.mx/comunicacion/nota/presentacion-del-plan-de-ciudadania-digital>

Russia: -1

Russia has failed to comply with the commitment on digitalization.

No facts of Russia's actions to improve interoperability of different frameworks for the flow of data at either national or international level have been registered during the compliance period.

Thus, Russia receives a score of -1 .¹¹⁹⁰

Analyst: Andrey Shelepor

Saudi Arabia: 0

Saudi Arabia has partially complied with the commitment on improvement of interoperability of different national or international frameworks.

On 26 July 2019, Saudi Arabia issued the e-commerce law to regulate and oversee the transactions conducted online. The primary objective is to regulate the practice of e-commerce by increasing transparency, ensuring consumer protection and enhancing trust in online transactions.¹¹⁹¹

On 27 August 2019, the Council of Ministers of Saudi Arabia issued a five-year strategy for the information and communication technology sector. The strategy includes an ambitious action plan to attract leading international companies in the priority areas of emerging technologies, increase the share of local content in the information technology sector, improve the technical skills of the relevant local workforce, enhance technical and digital knowledge, drive technical innovation through the promotion of research and development in Saudi Arabia's startup ecosystem, enable the development of mega projects, as well as to support coordination and synergy between the relevant entities in information and communications technologies in the public and private sectors.¹¹⁹²

On 25 February 2020, the Saudi Arabian Monetary Authority released additional licensing guidelines and criteria for digital-only banks operating in Saudi Arabia. Guidelines for digital-only banks include that applicants for licenses must be set up as a locally incorporated joint-stock company and maintain a physical presence in Saudi Arabia.¹¹⁹³

Saudi Arabia is taking steps to improve its national framework to harness the opportunities of the digital economy, but no evidence of Saudi Arabia contributing to development of international frameworks has been found.

Thus, Saudi Arabia receives a score of 0.

Analyst: Alexander Ignator

¹¹⁹⁰ Websites of the national government, President of Russia, Ministry of Digital Development and Mass Communications of the Russian Federation as well as open sources were searched.

¹¹⁹¹ Saudi Arabia: Saudi Arabia introduces New E-Commerce Law, Mondaq 24 September 2019. Access date: 30 March 2020. <https://www.mondaq.com/saudiarabia/Consumer-Protection/847524/Saudi-Arabia-introduces-New-E-Commerce-Law>

¹¹⁹² Saudi Arabia's ICT Strategy Shapes The Future Of Innovation And Digital Economy, Says Minister Al-Swaha, Ministry of Communications and Information Technology 27 August 2019. Access date: 30 March 2020. <https://www.mcit.gov.sa/en/media-center/news/175651>

¹¹⁹³ Saudi central bank issues additional licensing guidelines for digital-only banks, Salaam Gateway 25 February 2020. Access date: 30 March 2020. <https://www.salaamgateway.com/story/saudi-central-bank-issues-additional-licensing-guidelines-for-digital-only-banks>

South Africa: -1

South Africa has failed to comply with the commitment on improvement of interoperability of different national or international frameworks.

No record proving that South Africa is taking steps to improve its national or international framework to harness the opportunities of the digital economy has been found.

Thus, South Africa receives a score of -1.¹¹⁹⁴

Analyst: Alexander Ignatov

Turkey: -1

Turkey has failed to comply with the commitment on improvement of interoperability of different national or international frameworks.

No record proving that Turkey is taking steps to improve its national or international framework to harness the opportunities of the digital economy has been found.

Thus, it receives a score of -1.¹¹⁹⁵

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment on digitalization.

On 9 October 2019, UK International Trade Secretary Liz Truss in her address at the World Trade Organization (WTO) stated that one of the UK's priorities within the WTO agenda is "to reform digital trade rules so that they are fit for the 21st century, reducing restrictions to market access to support e-commerce and ensure the free flow of data across borders."¹¹⁹⁶

On 21 January 2020, Bank of Canada, the Bank of England, the Bank of Japan, the European Central Bank, the Sveriges Riksbank and the Swiss National Bank, together with the Bank for International Settlements, have created a group to share experiences as they assess the potential cases for central bank digital currency in their home jurisdictions. The group will assess the cases; economic, functional and technical design choices, including cross-border interoperability; and the sharing of knowledge on emerging technologies. It will closely coordinate with the relevant institutions and forums — in particular, the Financial Stability Board and the Committee on Payments and Market Infrastructures.¹¹⁹⁷

On 3 February 2020, Prime Minister Boris Johnson declared that the UK will seek 'adequacy decisions' from the European Union under both the General Data Protection Regulation and the Law Enforcement Directive before the end of the transition period to maintain the continued free flow of personal data from the EU to the UK. This will allow the continued free flow of personal data from the countries I the European Economic Area to the UK, including for law enforcement

¹¹⁹⁴ Websites of the national government, Ministry of Communications and Digital Technologies as well as open sources were searched.

¹¹⁹⁵ Websites of the Republic of Turkey Directorate of Communications, national government as well as open sources were searched.

¹¹⁹⁶ International Trade Secretary WTO address, UK Government 9 October 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/speeches/international-trade-secretary-wto-address>.

¹¹⁹⁷ Central bank group to assess potential cases for central bank digital currencies, Bank Of Japan (Tokyo) 21 January 2020. Access date: 20 May 2020. https://www.boj.or.jp/en/announcements/release_2020/rel200121a.htm/

purposes.¹¹⁹⁸ On 13 March 2020, the Department for Digital, Culture, Media and Sport published a pack of explanatory material providing an overview of the UK's legal framework underpinning data protection standards in order to assist the European Commission in conducting its assessment.¹¹⁹⁹

The UK has taken actions to improve interoperability of different frameworks at both national and international levels.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: 0

The United States partially complied with the commitment to improve interoperability of different national or international digital frameworks.

On 10-11 October 2019, US representatives from the Department of State, the Department of Commerce, the Federal Communications Commission and from the American Chamber of Commerce in Japan participated in the US-Japan Policy Co-operation Dialogue on the Internet Economy in Japan. The dialogue included discussions with private sector representatives from both countries on “promotion of open, interoperable, reliable, and secure fifth generation mobile technologies (5G) networks and services”; “public-private cooperation on the deployment in third countries of digital infrastructure and services”; “international coordination on areas such as sharing of best practices of Internet of Things (IoT) security and promotion of free flows of data”; and “public-private partnership regarding the social implementation of artificial intelligence (AI) in a manner that fosters public trust in AI.”¹²⁰⁰

On 15 May 2020, the Federal Data Strategy 2020 Action Plan was adjusted to include COVID-19 response data. The Action Plan 2020 “identifies initial actions for agencies that are essential for establishing processes, building capacity, and aligning existing efforts to better leverage data as a strategic asset.” One of the Federal Data Strategy goals is to establish interoperability, and skills consistency across the United States government agencies.¹²⁰¹

No actions on improving international digital frameworks interoperability at the national level have been registered during the monitoring period. But the US cooperated on the issue of interoperability of digital frameworks with Japan.

Thus, the United States is awarded a score of 0.

Analyst: Andrei Sakharov

¹¹⁹⁸ The Future Relationship with the EU. The UK's Approach to Negotiations, UK Government 3 February 2020. Access Date: 3 April 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/868874/The_Future_Relationship_with_the_EU.pdf.

¹¹⁹⁹ Explanatory framework for adequacy discussions, UK Government 13 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/publications/explanatory-framework-for-adequacy-discussions>.

¹²⁰⁰ Tenth U.S.-Japan Policy Cooperation Dialogue on the Internet Economy Held, Ministry of Economy, Trade and Industry of Japan (Tokyo) 18 October 2019. Access date: 20 May 2020. https://www.meti.go.jp/english/press/2019/1018_005.html

¹²⁰¹ Federal Data Strategy 2020 Action Plan, Federal Data Strategy (Washington) 14 May 2020. Access Date: 18 May 2020. <https://strategy.data.gov/assets/docs/2020-federal-data-strategy-action-plan.pdf>.

European Union: +1

The European Union has fully complied with the commitment on interoperability of different national or international digital frameworks.

On 25 July 2019, Consultation on the future of investment in Europe's digital economy was launched by the European Commission. The Commission is currently planning the Digital Europe programme, which would bring direct investment worth a total of EUR9.2 billion (subject to the agreement of the Council and the European Parliament) for the deployment of innovative digital technologies in five key areas: supercomputing, artificial intelligence, cybersecurity, advanced digital skills, and ensuring a wide use of these digital technologies across the economy and society in line with Europe's ambitious sustainability goals and values. Implementation of the programme will facilitate deploying open, interoperable, trustworthy urban digital platforms tailored to communities' needs, offering easy standardised access to new datasets, and the large scale roll-out of AI-driven services in Smart Energy, Smart Mobility, waste and secondary resource management, industry and (re)manufacturing, healthcare and e-government.¹²⁰²

On 27 November 2019, directive on better enforcement and modernisation of Union consumer protection rules was introduced. New provisions in the regulation include a call for stronger co-ordinated mechanisms to investigate and tackle EU-wide widespread infringements. The new regulation will also improve the current framework by requesting consumer authorities in EU member states to have additional minimum powers to deal with infringements in the digital era (such as the possibility to close websites, carry out test purchases and mystery shopping).¹²⁰³

On 21 January 2020, Bank of Canada, the Bank of England, the Bank of Japan, the European Central Bank, the Sveriges Riksbank and the Swiss National Bank, together with the Bank for International Settlements, have created a group to share experiences as they assess the potential cases for central bank digital currency in their home jurisdictions. The group will assess the cases; economic, functional and technical design choices, including cross-border interoperability; and the sharing of knowledge on emerging technologies. It will closely coordinate with the relevant institutions and forums — in particular, the Financial Stability Board and the Committee on Payments and Market Infrastructures.¹²⁰⁴

On 19 February 2020, the European Commission unveiled its new digital package with ideas and actions for a digital transformation in Europe. This package includes the strategic document Shaping Europe's digital future, European strategy for data and White Paper on Artificial Intelligence. Interoperability is mentioned as one of the key aspects. A reinforced EU governments interoperability strategy scheduled for the end of 2021 will be a key action to ensure coordination and common standards for secure and borderless public sector data flows and services.¹²⁰⁵

¹²⁰² Consultation on the future of investment in Europe's digital economy, European Commission (Brussels) 25 July 2019. Access date: 19 Ma7 2020. <https://ec.europa.eu/digital-single-market/en/news/consultation-future-investment-europes-digital-economy>

¹²⁰³ Directive (EU) 2019/2161 of the European Parliament And Of The Council of 27 November 2019 amending Council Directive 93/13/EEC and Directives 98/6/EC, 2005/29/EC and 2011/83/EU of the European Parliament and of the Council as regards the better enforcement and modernisation of Union consumer protection rules, Official Journal of the European Union (Brussels) 18 December 2019. Access date: 19 May 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019L2161&from=EN>

¹²⁰⁴ Central bank group to assess potential cases for central bank digital currencies, Bank Of Japan (Tokyo) 21 January 2020. Access date: 20 May 2020. https://www.boj.or.jp/en/announcements/release_2020/rel200121a.htm/

¹²⁰⁵ Interoperability is at the heart of the new EU digital strategy, European Commission (Brussels) 24 February 2020. Access date: 19 May 2020. https://ec.europa.eu/isa2/news/interoperability-heart-new-eu-digital-strategy_en

On 19 February 2020, the European Commission presented the European data strategy. The strategy provides for measures to ensure free flow of data within the EU and free and safe flow of data with third countries, subject to exceptions and restrictions for public security, public order and other legitimate public policy objectives of the European Union, in line with international obligations.¹²⁰⁶

On 3 April 2020, the Commission and North Macedonia signed an agreement, granting the country access to the EU ISA² (Interoperability solutions for public administrations, businesses and citizens) Programme to develop and share solutions for digital public administrations. The ISA² Programme is a EUR131 million initiative of the Commission aimed at simplifying administrative procedures all along Europe as well as supporting the development of interoperable digital public services that benefit businesses and citizens.¹²⁰⁷

The EU has taken actions to improve interoperability of different frameworks at both national and international levels.

Thus, it receives a score of +1.

Analyst: Irina Popovaana

¹²⁰⁶ A European strategy for data, European Commission 19 February 2020. Access Date: 3 April 2020. https://ec.europa.eu/info/sites/info/files/communication-european-strategy-data-19feb2020_en.pdf.

¹²⁰⁷ North Macedonia joins the EU ISA² programme for digital public administrations and the EU Strategy for the Adriatic and Ionian Region, European Commission (Brussels) 3 April 2020. Access date: 19 May 2020. https://ec.europa.eu/neighbourhood-enlargement/news_corner/news/north-macedonia-joins-eu-isa%C2%B2-programme-digital-public-administrations-and-eu_en

7. International Taxation: Digitalization

“We will redouble our efforts for a consensus-based solution [on addressing the tax challenges arising from digitalization] with a final report by 2020.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia	-1		
Brazil		0	
Canada	-1		
China	-1		
France		0	
Germany		0	
India			+1
Indonesia		0	
Italy			+1
Japan			+1
Korea	-1		
Mexico		0	
Russia		0	
Saudi Arabia	-1		
South Africa	-1		
Turkey		0	
United Kingdom			+1
United States	-1		
European Union			+1
Average		-0.10 (45%)	

Background

On 19 July 2013, the Organisation for Economic Co-operation and Development (OECD) issued the Action Plan on Base Erosion and Profit Shifting (BEPS).¹²⁰⁸ On 6 September 2013, at the St. Petersburg Summit, the G20 leaders fully endorsed “the ambitious and comprehensive Action Plan — originated in the OECD — aimed at addressing base erosion and profit shifting with mechanism to enrich the Plan as appropriate,” welcomed “the establishment of the G20/OECD BEPS project” and encouraged all interested countries to participate.¹²⁰⁹ Implementation details of the BEPS Action Plan developed thereafter constitute the BEPS package with 15 actions that equip governments with the necessary domestic and international instruments to ensure that profits are taxed where economic activities that generate the profits are performed and where value is created.¹²¹⁰ The BEPS package also gives businesses greater certainty by reducing disputes over the application of international tax rules and by standardizing compliance requirements. The OECD/G20 Inclusive Framework on

¹²⁰⁸ Action Plan on Base Erosion and Profit Shifting, Organisation for Economic Co-operation and Development, 19 July 2013. <https://www.oecd.org/tax/beps/action-plan-on-base-erosion-and-profit-shifting-9789264202719-en.htm>

¹²⁰⁹ G20 Leaders’ Declaration St. Petersburg, G20 Information Centre (Toronto), 6 September 2013. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

¹²¹⁰ BEPS Actions, Organisation for Economic Co-operation and Development. Access Date: 4 April 2020. <https://www.oecd.org/tax/beps/beps-actions/>

BEPS was established to expand the coverage of measures to tackle BEPS and brings together 137 countries and jurisdictions to collaborate on implementing its recommendations.¹²¹¹ Commitments to address BEPS have been reiterated at all subsequent G20 summits since St. Petersburg.

Commitment Features

This commitment refers to BEPS Action 1 “Tax Challenges Arising from Digitalisation.” It is currently the top priority for the OECD/G20 Inclusive Framework. In May 2019, the Inclusive Framework issued the Programme of Work to Develop a Consensus Solution to the Tax Challenges Arising from the Digitalisation of the Economy.¹²¹² It explores technical design implementation issues that must be refined to develop a comprehensive and consensus-based solution, and includes proposals for the two challenges facing international income tax in the digital economy: changing the allocation of taxing rights through a coherent and concurrent review of the profit allocation and nexus rules (Pillar 1) and remaining BEPS issues and minimum taxation (Pillar 2).¹²¹³ Given the focus of the commitment on developing “a consensus-based solution” and achieving a final report in 2020, compliance requires G20 member contribute to the discussions on the tax challenges of digitalization through, *inter alia*, participation in OECD public consultations.¹²¹⁴

The commitment also requires taking domestic measures to address the challenges of BEPS in line with recommendations on Action 1 that have already been finalized by the OECD. This refers specifically to the area of value-added taxes and goods and services taxes (VAT/GST). Relevant recommendations have been integrated into the 2016 International VAT Guidelines.¹²¹⁵ Further guidance for implementation was provided by the 2017 report on Mechanisms for the Effective Collection of VAT/GST Where the Supplier Is Not Located in the Jurisdiction of Taxation¹²¹⁶ and the 2019 report on The Role of Digital Platforms in the Collection of VAT/GST on Online Sales.¹²¹⁷

¹²¹¹ OECD/G20 Inclusive Framework on BEPS, Organisation for Economic Co-operation and Development. Access Date: 4 April 2020. <https://www.oecd.org/tax/beps/flyer-inclusive-framework-on-beps.pdf>

¹²¹² Programme of Work to Develop a Consensus Solution to the Tax Challenges Arising from the Digitalisation of the Economy, Organisation for Economic Co-operation and Development, 31 May 2019. <https://www.oecd.org/tax/beps/programme-of-work-to-develop-a-consensus-solution-to-the-tax-challenges-arising-from-the-digitalisation-of-the-economy.htm>

¹²¹³ Action 1 Tax Challenges Arising from Digitalisation, Organisation for Economic Co-operation and Development. Access Date: 4 April 2020. <https://www.oecd.org/tax/beps/beps-actions/action1/>

¹²¹⁴ Planned stakeholder input in OECD tax matters, Organisation for Economic Co-operation and Development. Access Date: 4 April 2020. <https://www.oecd.org/tax/planned-stakeholder-input-in-oecd-tax-matters.htm>

¹²¹⁵ International VAT/GST Guidelines, Organisation for Economic Co-operation and Development, 12 April 2017. <https://www.oecd.org/ctp/international-vat-gst-guidelines-9789264271401-en.htm>

¹²¹⁶ Mechanisms for the Effective Collection of VAT/GST: Where the Supplier Is Not Located in the Jurisdiction of Taxation, Organisation for Economic Co-operation and Development, 2017. <http://www.oecd.org/tax/tax-policy/mechanisms-for-the-effective-collection-of-VAT-GST.pdf>

¹²¹⁷ The Role of Digital Platforms in the Collection of VAT/GST on Online Sales, Organisation for Economic Co-operation and Development, 20 June 2019. <https://www.oecd.org/tax/beps/the-role-of-digital-platforms-in-the-collection-of-vat-gst-on-online-sales-e0e2dd2d-en.htm>

Scoring Guidelines

-1	G20 member does not address tax challenges arising from digitalization by not contributing to the final report on Pillars 1 and 2 or by implementing any BEPS Action 1 VAT/GST recommendations.
0	G20 member addresses tax challenges arising from digitalization by contributing to the final report on Pillars 1 and 2 OR by implementing any BEPS Action 1 VAT/GST recommendations.
+1	G20 member addresses tax challenges arising from digitalization by both contributing to the final report on Pillars 1 and 2 AND by implementing any BEPS Action 1 VAT/GST recommendations.

*Centre for International Institutions Research***Argentina: 0**

Argentina has partially complied with the commitment on taxation of digital economy regarding base erosion and profit shifting (BEPS).

On 30 September 2019, Argentina implemented a new system to electronically register sales, purchase, assignments, exports and imports of goods and services, locations and benefits, called the “Digital VAT Book.” Taxpayers are obliged to electronically register their operations through this regime.¹²¹⁸

On 13 November 2019, Argentina issued the initiative on withholding value-added tax (VAT) on e-commerce goods and services purchased by consumers from foreign providers. It withholds an amount equivalent to VAT where a payment provider facilitates the payment. As well as VAT, there is an income tax withholding requirement. The new law requires credit and debit card holders, and well as banks making electronic transfers, to split the VAT element when the vendor is not a taxable person in Argentina. This brings non-residents into the tax system for goods, services and electronic services.¹²¹⁹

Argentina has taken no actions to address tax challenges arising from digitalization by contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2. However, several VAT measures were implemented in accordance with BEPS Action 1 VAT/GST recommendations during the compliance period.

Thus, it receives a score of 0.

*Analyst: Irina Popova***Australia: -1**

Australia has failed to comply with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

No legislative changes reflecting the recommendations of the BEPS Action 1 in Australia have been registered during the monitoring period.

Australia did not make any progress in addressing tax challenges arising from digitalization.

¹²¹⁸ Resolución General AFIP N° 4597/2019, Boletín Oficial (Buenos Aires) 1 October 2019. Access date: 20 May 2020. http://biblioteca.afip.gob.ar/dcp/REAG01004597_2019_09_30

¹²¹⁹ Argentina confirms e-commerce Withholding VAT, Avalara 13 November 2019. Access date: 20 May 2020. <https://www.avalara.com/vatlive/en/vat-news/argentina-confirms-e-commerce-withholding-vat.html>

Therefore, it receives a score of -1.¹²²⁰

Analyst: Andrei Sakharov

Brazil: 0

Brazil has partially complied with the commitment on taxation of digital economy regarding base erosion and profit shifting (BEPS).

On 10 July 2019, the Senate proposed a bill to amend the tax regime in Brazil. According to this bill, consumption taxes would be replaced with one single tax on consumption of goods and services, following the international standards of value-added tax. This tax would be originally set at a uniform reference rate for each federative entity, to be applied indistinctly to all transactions involving tangible or intangible assets. The final tax burden is expected to reach the initial rate of 25 per cent after a 10-year term of transition. Two concerns related to the tax reform are being voiced by digital economy companies. The first is that they would have to cope with a significant tax hike if the 25 per cent is confirmed. In return, the reform seeks to increase security for investors and provide transparency to consumers, who will bear the tax burden. Another worry relates to the criteria and mechanisms for identifying the jurisdiction of consumption. It is difficult to implement the destination principle with respect to services and intangibles, because they cannot be subject to border controls in the same way as goods. The rules should ensure there is clarity and certainty for both business and tax administrations and that compliance is kept as simple as possible with minimal costs involved.¹²²¹

Brazil has taken no action to address tax challenges arising from digitalization by contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2 were registered. However, several VAT measures were implemented in accordance with BEPS Action 1 VAT/GST recommendations during the compliance period.

Thus, it receives a score of 0.

Analyst: Irina Popova

Canada: -1

Canada has failed to comply with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 22 October 2019, the government indicated its intent to introduce a 3 per cent digital services tax on the income of certain sectors of the digital economy, which would replicate the one proposed by France. The tax would only apply to targeted advertising services and digital intermediation services where the worldwide revenues of the business are at least USD1 billion and Canadian revenues are more than USD40 million.¹²²²

However, no subsequent legislative changes reflecting the recommendations of the BEPS Action 1 have been registered during the monitoring period.

No legislative changes reflecting the recommendations of the BEPS Action 1 have been registered during the monitoring period.

¹²²⁰ Websites of the Australian Taxation Office, national government, tax analysts as well as open sources were searched.

¹²²¹ Proposta De Emenda À Constituição nº 110 de 2019, Brazilian Senate 10 July 2019/ Access date: 20 May 2020. <https://www12.senado.leg.br/ecidadania/visualizacaomateria?id=137699>

¹²²² Taxation of the digitalized economy, KPMG (Amstelveen) 20 December 2019. Access Date: 18 May 2020. <https://tax.kpmg.us/content/dam/tax/en/pdfs/2019/digitalized-economy-taxation-developments-summary.pdf>.

Canada did not make any progress in addressing tax challenges arising from digitalization.

Thus, it receives a score of -1.¹²²³

Analyst: Andrei Sakharov

China: -1

China did not comply with the commitment on addressing tax challenges arising from digitalization regarding base erosion and profit shifting.

No evidence of China taking steps to address issues of tax challenges arising from digitalization was found within the monitoring period.

Thus, China receives a score of -1.

Analyst: Alexander Ignatov

France: 0

France has partially complied with the commitment on taxation of digital economy regarding base erosion and profit shifting.

On 11 July 2019, France's Senate approved the introduction of a digital services tax. It is retroactively applicable as from 1 January 2019. A 3 per cent tax applies on gross revenues deriving from the provision of a digital interface (i.e., intermediation services), and targeted advertising and transmission of data collected about users for advertising purposes.¹²²⁴

On 30 March 2020, the French Tax Authority issued draft guidance on the score and computation of the new digital services tax and the related compliance issues. Services subject to the tax include targeted online advertising, including the sale of user data; and online digital intermediation services such as platforms and marketplaces. Each category has its own set of rules in terms of territoriality and computation of the ratio of French-deemed services (the French presence ratio).¹²²⁵

France addressed tax challenges arising from digitalization by introducing a nationally levied tax.

Thus, it is awarded a score of 0 for partial compliance.

Germany: 0

Germany has partially complied with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 7 October 2019, the Ministry of Finance published Guidance Letters 2019/858190, 2019/0858465 and 2019/0858488 explaining the value-added tax (VAT) obligations for online marketplace facilitators. The Ministry of Finance reminds marketplace facilitators that they can be

¹²²³ Websites of the Canada Revenue Agency, national government, tax analysts as well as open sources were searched.

¹²²⁴ INSIGHT: France's Digital Services Tax Goes Ahead, Bloomberg Tax 29 July 2019. Access date: 20 May 2020.

<https://news.bloombergtax.com/daily-tax-report-international/insight-frances-digital-services-tax-goes-ahead-1>

¹²²⁵ France issues comprehensive draft guidance on digital services tax, the Society of Trust and Estate Practitioners (London) 16 April 2020. Access date: 15 May 2020. <https://www.step.org/news/france-issues-comprehensive-draft-guidance-digital-services-tax>

held liable under certain conditions for the unpaid VAT resulting from the delivery of items from entrepreneurs legally justified on the marketplace provided by them.¹²²⁶

On 25 October 2019, the upper house of the German parliament accepted for consideration a bill to reduce bureaucratic burden for taxpayers. Among other things, the measure would exempt new businesses from monthly VAT invoicing obligations in the year of formation and the following year between 1 January 2021 and 31 December 2026. The bill would further increase the VAT registration threshold for domestic companies.¹²²⁷

Germany has contributed to the development of a consensus-based solution, however no publicly available evidence was found showing Germany contributed to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2 within the compliance period. However, several VAT measures were implemented in accordance with BEPS Action 1 VAT/GST recommendations during the compliance period.

Thus, it receives a score of 0.

Analyst: Andrey Shelepor

India: +1

India has fully complied with the commitment on taxation of digital economy regarding base erosion and profit shifting (BEPS).

On 1 April 2020, so-called equalization levy was introduced in India. This approach to taxation of digital economy is one of the three options included into the possible ways to reform digital taxation according to the Organisation for Economic Co-operation and Development (OECD). The tax is 2 per cent and it is imposed on 1) online sale of goods owned by the e-commerce operator, 2) online provision of services provided by the ecommerce operator, 3) online sale of goods or provision of goods facilitated by the e-commerce operator (i.e., when the operator provides a platform for others to supply goods or provide services), 4) any combination of the above.¹²²⁸

On 1 April 2020, the Finance Act for 2020 was released and it provided for: 1) a deferral of the definition of significant economic presence to 1 April 2022, with the expectation that the OECD will soon reach a consensus and provide an updated workplan for the digital economy; 2) the expansion of source rules to include income from advertisements that target Indian customers, income from the sale of data collected from India, and income from sale of goods and services using such data collected from India, which will take effect from 1 April 2021, although for attribution in relation to significant economic presence, the amendment will take effect from 1 April 2022.¹²²⁹

India has implemented several domestic measures to address the tax challenges of the digitalization of the economy and actively participates in the OECD process.

¹²²⁶ Inside Indirect Tax, KPMG (Washington) December 2019. Access date: 20 May 2020.

<https://tax.kpmg.us/content/dam/tax/en/taxwatch/pdfs/2019/inside-indirect-tax-december-2019.pdf>

¹²²⁷ Inside Indirect Tax, KPMG (Washington) December 2019. Access date: 20 May 2020.

<https://tax.kpmg.us/content/dam/tax/en/taxwatch/pdfs/2019/inside-indirect-tax-december-2019.pdf>

¹²²⁸ India Issues Notification that New Digital Services Equalization Levy in Force, Orbitax (San Francisco). Access date: 15 May 2020. <https://www.orbitax.com/news/archive.php/India-Issues-Notification-that-18553>

¹²²⁹ Indian Finance Bill 2020, Government of India (Delhi) 1 April 2020. Access date: 15 May 2020.

https://www.indiabudget.gov.in/doc/Finance_Bill.pdf

Thus, it receives a score of +1.

Analyst: Irina Popova

Indonesia: 0

Indonesia has partially complied to comply with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 19-20 November 2019, tax officials and stakeholders from the Asia Pacific countries (including representatives of Indonesia) convened for a regional meeting on tax and digitalization co-hosted by the Asian Development Bank in collaboration with the Organisation for Economic Co-operation and Development (OECD) in the Philippines; the final statement of the meeting supports the application of simplification measures throughout the consideration of both the Pillar 1 and Pillar 2 proposals, as well as measures which promote certainty, and highlights the importance of inclusiveness in the process of international standard setting, of the prevention and resolution of double taxation and taxation disputes more generally.¹²³⁰

In October-December 2019, as reported by OECD, Indonesia's officials and stakeholders provided per OECD's requests comments on the Secretariat's proposal for a "Unified Approach" under Pillar One¹²³¹, and on the Global Anti-Base Erosion (GloBE) Proposal under Pillar Two.¹²³²

Indonesia actively participates in the OECD-led process on taxation of digital economy, but no domestic measures were registered yet.

Thus, it receives a score of 0.

Analyst: Pavel Doronin

Italy: +1

Italy has fully complied to comply with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 20 September 2019, the Italian Tax Agency, hosted a conference to discuss the challenges arising from taxation of the digital economy, the 2020 future BEPS project revision and on the European Union action plan on telematic collection of value-added tax. The conference favoured the exchange of opinions and the sharing of experiences among national officers and experts serving by the Organisation for Economic Co-operation and Development (OECD) and the European Commission.¹²³³

¹²³⁰ Tax officials and stakeholders from Asia-Pacific meet in the Philippines to discuss proposals to address the tax challenges of the digitalisation of the economy, OECD 22 November 2019. Access date: 21 March 2020.

<https://www.oecd.org/tax/beps/tax-officials-and-stakeholders-from-asia-pacific-philippines-to-discuss-proposals-to-address-tax-challenges-digitalisation-of-the-economy.htm>

¹²³¹ Public comments received on the Secretariat Proposal for a "Unified Approach" under Pillar One, OECD 15 November 2019. Access date: 21 March 2020. <https://www.oecd.org/tax/beps/public-comments-received-on-the-secretariat-proposal-for-a-unified-approach-under-pillar-one.htm>

¹²³² Public comments received on the Global Anti-Base Erosion (GloBE) Proposal under Pillar Two, OECD 3 December 2019. Access date: 21 March 2020. <https://www.oecd.org/tax/beps/public-comments-received-on-the-global-anti-base-erosion-globe-proposal-under-pillar-two.htm>

¹²³³ Diritto tributario transnazionale: momenti di riflessione sui progressi, Fisco Oggi 20 September 2019. Access date: 20 August 2020. <https://www.fiscooggi.it/rubrica/attualita/articolo/diritto-tributario-transnazionale-momenti-riflessione-sui-progressi>

On 27 December 2020, the Budget Law 2020 was published in the Official Gazette.¹²³⁴ According to the law, from 1 January 2020 a 3 per cent digital services tax (DST) is applied in Italy on gross revenue from advertising on a digital interface, multilateral digital interface that allows users to buy or sell goods and services, the transmission of user data generated from using a digital interface. The DST is applied to both resident and non-resident companies with total revenue in the prior year of at least EUR750 million and total revenue from digital services supplied in Italy of at least EUR5.5 million.¹²³⁵ If an agreement is implemented within the OECD, the Italian Digital Services Tax will be repealed and replaced with the international measures.

Italy addressed tax challenges arising from digitalization by introducing a nationally levied tax.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment on taxation of digital economy regarding base erosion and profit shifting (BEPS).

On 19-20 November 2019, tax officials and stakeholders from the Asia Pacific countries (including representatives of Japan) convened for a regional meeting on tax and digitalization co-hosted by the Asian Development Bank in collaboration with the Organisation for Economic Co-operation and Development (OECD) in the Philippines; the final statement of the meeting supports the application of simplification measures throughout the consideration of both the Pillar 1 and Pillar 2 proposals, as well as measures which promote certainty, and highlights the importance of inclusiveness in the process of international standard setting, of the prevention and resolution of double taxation and taxation disputes more generally.¹²³⁶

In October-December 2019, as reported by OECD, Japan's officials and stakeholders provided per OECD's requests comments on the Secretariat's proposal for a "Unified Approach" under Pillar One¹²³⁷, and on the Global Anti-Base Erosion (GloBE) Proposal under Pillar Two.¹²³⁸

On 12 December 2019, Japan's ruling coalition issued the document outlining the coalition's view on the OECD-led international efforts to update the international tax rules to address the digitalization of the economy and has asked the Japanese government to follow these principles in international

¹²³⁴ LEGGE 27 dicembre 2019, n. 160, the Official Gazette (Roma) 27 December 2019. Access Date 18 May 2020. <https://www.gazzettaufficiale.it/eli/id/2019/12/30/19G00165/sg>.

¹²³⁵ Taxation of the digitalized economy, KPMG (Amstelveen) 20 December 2019. Access Date: 18 May 2020. <https://tax.kpmg.us/content/dam/tax/en/pdfs/2019/digitalized-economy-taxation-developments-summary.pdf>.

¹²³⁶ Tax officials and stakeholders from Asia-Pacific meet in the Philippines to discuss proposals to address the tax challenges of the digitalisation of the economy, OECD 22 November 2019. Access date: 23 March 2020. <https://www.oecd.org/tax/beps/tax-officials-and-stakeholders-from-asia-pacific-philippines-to-discuss-proposals-to-address-tax-challenges-digitalisation-of-the-economy.htm>

¹²³⁷ Public comments received on the Secretariat Proposal for a "Unified Approach" under Pillar One, OECD 15 November 2019. Access date: 23 March 2020. <https://www.oecd.org/tax/beps/public-comments-received-on-the-secretariat-proposal-for-a-unified-approach-under-pillar-one.htm>

¹²³⁸ Public comments received on the Global Anti-Base Erosion (GloBE) Proposal under Pillar Two, OECD 3 December 2019. Access date: 23 March 2020. <https://www.oecd.org/tax/beps/public-comments-received-on-the-global-anti-base-erosion-globe-proposal-under-pillar-two.htm>

negotiations.¹²³⁹ In particular, the document calls the Japanese government to play a leading role in building global consensus around new international tax rules and emphasizes that:

1. The objective of the negotiations should be to create a stable and predictable investment environment for companies, which means the solution must be agreed on timely, while uncoordinated unilateral tax measures will increase uncertainties for cross-border expansion of businesses and suppress legitimate business activities;
2. Any solution addressing digitalization of the economy should create a level playing field among businesses and contribute to maintaining and improving the international competitiveness of Japanese companies;
3. Any new rules should be reasonable and clearly defined to prevent unexpected effects on businesses;
4. Any new rules should avoid excessive administrative burden on taxpayers and avoid double taxation, with a strong dispute prevention and resolution mechanisms;
5. The international tax update should address the corporate tax competition problem arising from the fact that the shift of profits related to intangible assets to tax havens has become increasingly easier, while small businesses and individuals do not have access to the same cross-border tax planning opportunities.

Japan has made progress in addressing tax challenges arising from digitalization both contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2, and implementing BEPS Action 1 VAT/GST recommendations.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

Korea: -1

Korea has not complied with the commitment on addressing tax challenges arising from digitalization regarding base erosion and profit shifting (BEPS).

On 16 December 2019, the government announced the expansion of taxation on electronic services provided by foreign providers. The Finance Ministry plans to set up a task force to study the digital tax on advertising by global internet companies and draft relevant tax measures.¹²⁴⁰

On 20 January 2020, the government announced its intention to impose a 20 per cent tax on cryptocurrencies. The ordering to review taxation plan had been given to the Ministry of Economy and Finance.¹²⁴¹

Korea demonstrates its intention to tackle the issues of taxation arising from digitalization in accordance with the BEPS Action 1. However, no specific action has been fully implemented to the moment.

¹²³⁹ Japan stakes out position in OECD-led international tax negotiations, MNE Tax 28 January 2020. Access date: 23 March 2020. <https://mntax.com/japan-stakes-out-position-in-oecd-led-international-tax-negotiations-37476>

¹²⁴⁰ Taxation of the digitalized economy, KPMG 20 December 2019. Access date: 18 May 2020.

<https://tax.kpmg.us/content/dam/tax/en/pdfs/2019/digitalized-economy-taxation-developments-summary.pdf>

¹²⁴¹ S. Korea considering imposing 20% tax on cryptocurrencies, the Korea Herald (Seoul) 20 January 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200120000204&np=61&mp=7>

Thus, Korea receives a score of -1.

Analyst: Alexander Ignatov

Mexico: 0

Mexico has partially complied with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 31 October 2019, Mexico's Congress approved a tax legislative package for 2020, which includes amendments to the value-added tax (VAT) law among others. Concerning VAT, the legislation includes measures that aim to increase the efficiency of VAT collection, and clarify that revenue from certain digital or e-commerce services provided to Mexican residents from abroad, by entities not having an establishment in Mexico, will be subject to VAT in Mexico. In such situations, the test will be whether the recipient of the services is a resident of Mexico. The new measures add a set of registration and reporting obligations for foreigners providing these types of services, as well as rules for calculating VAT derived from the digital operations. Additionally, the concept of digital intermediation services (that is, services conducted by third parties) is added to the VAT law.¹²⁴²

Mexico has taken measures to address the tax challenges of digitalization described in BEPS Action 1 VAT/GST recommendations. However, no facts of Russia's actions to address tax challenges arising from digitalization by contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2 within the Organisation for Economic Co-operation and Development have been registered during the compliance period.

Thus, it receives a score of 0.

Analyst: Irina Popova

Russia: 0

Russia has partially complied with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 30 September 2019, the Russian Ministry of Finance published the General Guidelines for Budget, Tax and Customs Tariff Policy for 2020 and the Planning Period of 2021 and 2022. The Guidelines propose a number of tax initiatives to promote a competitive environment and stable fiscal conditions. These include changes in tax law, including the introduction of a tax on digital corporations aimed to ensure that to ensure that their profits are taxed in the jurisdiction of their consumers' location.¹²⁴³

Russia has taken measures to address the tax challenges of digitalization described in BEPS Action 1 VAT/GST recommendations. However, no facts of Russia's actions to address tax challenges arising from digitalization by contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2 within the Organisation for Economic Co-operation and Development have been registered during the compliance period.

¹²⁴² Mexico: Tax reform 2020, VAT on services provided from digital platforms, KPMG (Washington) 5 November 2019. Access date: 20 May 2020. <https://home.kpmg/us/en/home/insights/2019/11/tnf-mexico-tax-reform-2020-vat-services-digital-platforms.html>

¹²⁴³ General Guidelines for Budget, Tax and Customs Tariff Policy for 2020 and the Planning Period of 2021 and 2022, Ministry of Finance of Russia 30 September 2019. Access Date: 15 May 2020. https://www.minfin.ru/common/upload/library/2019/10/main/ONBNiTPP_2020-2022.pdf.

Thus, it receives a score of 0.

Analyst: Andrey Shelepor

Saudi Arabia: -1

Saudi Arabia has not complied with the commitment on addressing tax challenges arising from digitalization regarding base erosion and profit shifting (BEPS).

As of January 2020, Saudi Arabia is an associate of the Organisation for Economic Co-operation and Development Steering Group of the Inclusive Framework on BEPS.¹²⁴⁴

Saudi Arabia participates in the Inclusive Framework on BEPS through the Organisation for Economic Co-operation and Development. However, not enough evidence was found to show Saudi Arabia addressed issues of tax challenges arising from digitalization within the monitoring period.

Thus, Saudi Arabia receives a score of -1.

Analyst: Alexander Ignator

South Africa: -1

South Africa has not complied with the commitment on addressing tax challenges arising from digitalization regarding base erosion and profit shifting (BEPS).

No evidence of South Africa taking steps to address issues of tax challenges arising from digitalization was found within the monitoring period.

Thus, South Africa receives a score of -1.

Analyst: Alexander Ignator

Turkey: 0

Turkey has partially complied with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

On 1 March 2020, the Law on Digital Service Tax and Amendment of Certain Laws and the Decree Law entered into force in Turkey. The digital service tax includes as follows:

- All kinds of advertisement services provided to users in digital platform,
- Digital services provided any audible, visual or digital content and such content to be listened, watched or recorded via electronic devices,
- Providing and operating digital interface which allows users to interact with others, including for the delivery of goods or services between users.¹²⁴⁵

The digital service tax in Turkey is 7.5 per cent.¹²⁴⁶

¹²⁴⁴ Composition of the Steering Group of the Inclusive Framework on BEPS, Organisation for Economic Co-operation and Development, January 2020. Access Date: 24 September 2020.

¹²⁴⁵ Turkey: Digital Service Tax Enters into Force On 1 March 2020 11 February 2020. Access date: 21 March 2020. <https://www.mondaq.com/turkey/Tax/892420/Digital-Service-Tax-Enters-Into-Force-On-1-March-2020>

¹²⁴⁶ Turkey: Digital Service Tax Enters into Force On 1 March 2020 11 February 2020. Access date: 21 March 2020. <https://www.mondaq.com/turkey/Tax/892420/Digital-Service-Tax-Enters-Into-Force-On-1-March-2020>

Turkey has taken measures to address the tax challenges of digitalization described in BEPS Action 1 VAT/GST recommendations. However, no facts of Turkey's actions to address tax challenges arising from digitalization by contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2 within the Organisation for Economic Co-operation and Development have been registered during the compliance period.

Thus, it receives a score of 0.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

In July 2019, the UK government reaffirmed its strong support to the Organisation for Economic Co-operation and Development (OECD) process and welcomed the steps to hold public consultations on BEPS Action 1 and the agreement to a without prejudice program of work to take forward a detailed examination of the different proposals for reform. The government also published some criteria for the agreement to be reached within the OECD, so it takes into account the UK's interests.¹²⁴⁷

On 1 April 2020, the UK introduced the digital services tax. The new 2 per cent tax is imposed on the revenues of search engines, social media services and online marketplaces which derive value from UK users. The tax originates from the OECD BEPS project, specifically, Action 1. If an agreement is reached within the OECD, the UK Digital Services Tax will be repealed and replaced with the international measures. At present, the UK government plans to review the tax again in 2025.¹²⁴⁸

The UK has made progress in addressing tax challenges arising from digitalization both contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2, and implementing BEPS Action 1 recommendations for value added tax and goods and services tax.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: -1

The United States has failed to comply with the commitment on international taxation regarding base erosion and profit shifting (BEPS).

No legislative changes reflecting the recommendations of the BEPS Action 1 have been registered during the monitoring period.

The United States did not make any progress in addressing tax challenges arising from digitalization.

¹²⁴⁷ Digital Services Tax: response to the consultation, HM Treasury July 2019. Access Date: 3 April 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/816389/DST_responce_document_web.pdf.

¹²⁴⁸ Introduction of the Digital Services Tax, UK Government 11 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/publications/introduction-of-the-digital-services-tax>.

Thus, it receives a score of -1.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment on addressing tax challenges arising from digitalization regarding base erosion and profit shifting (BEPS).

On 28 October 2019, the Presidency of the European Union invited the Economic and Financial Affairs Council to discuss the state of play at the EU level as well as the way forward in light of the dynamic nature of the work of the Organisation for Economic Co-operation and Development (OECD). The council was invited to examine initial findings on EU law compatibility of the solutions discussed at OECD level, building on the work done by the Commission on this, work on impact analyses should continue as a priority and to that end member states should cooperate with the European Commission to the extent possible.¹²⁴⁹

On 6 December 2019, the European Commission's Directorate General for Taxation and Customs organized an event on "VAT in the Digital Age" in Brussels, Belgium. This event brought together stakeholders working in the field of value-added tax (VAT) to reflect on the opportunities and challenges that new technologies bring in the area of VAT. In particular, the potential of using advanced technologies such as blockchain in the VAT area will be discussed. The seminar also provided a chance to share recent experiences from EU member states on how they use digital solutions for VAT reporting, collecting and fraud-detection.¹²⁵⁰

On 18 December 2019, the European Parliament issued resolution on fair taxation in a digitalised and globalised economy: BEPS 2.0. In the resolution it called on each member state and the European Commission to make their positions publicly known on the OECD Secretariat's proposals for Pillar 1 and Pillar 2, called on the European Commission and the member states to agree on a joint, ambitious EU position for the OECD negotiations and called on the European Commission and the Council to prepare the legal base for incorporating the outcome of an international deal into EU law and to present a legislative proposal as soon as possible.¹²⁵¹

On 21 January 2020, finance ministers had an exchange of views on tax challenges arising from digitalisation. They took stock of the progress achieved in the context of the OECD, both on the reallocation of profits of digitalized businesses (Pillar 1) and on the general reform of international corporate taxation (Pillar 2). The debate confirmed that an international solution on digital taxation was the best way forward, as it would prevent fragmentation and unilateral measures. Ministers acknowledged that the OECD was working against a tight deadline to reach a global consensus by the end of 2020, and many highlighted the importance of making good use of the current political momentum. The presidency concluded that it would continue attending international meetings on

¹²⁴⁹ Note from Presidency Permanent Representatives Committee/Council, Council of the European union (Brussels) 28 October 2019. Access date: 19 May 2020. <https://data.consilium.europa.eu/doc/document/ST-13405-2019-INIT/en/pdf>

¹²⁵⁰ VAT in the Digital Age, European Commission (Brussels) 6 December. Access date: 19 May 2020. https://ec.europa.eu/taxation_customs/events/vat-digital-age_en

¹²⁵¹ European Parliament resolution of 18 December 2019 on fair taxation in a digitalised and globalised economy: BEPS 2.0, European Parliament (Strasbourg) 18 December 2019. Access date: 19 May 2020. https://www.europarl.europa.eu/doceo/document/TA-9-2019-0102_EN.html

this issue. It will organize technical discussions in the council in order to prepare, as far as possible, negotiations taking place at the OECD and address member states' concerns.¹²⁵²

The EU has made progress in addressing tax challenges arising from digitalization both contributing to the development of a consensus-based solution with a final report by 2020 on Pillars 1 and 2, and implementing BEPS Action 1 VAT/GST recommendations.

Thus, it receives a score of +1.

Analyst: Irina Popova

¹²⁵² Economic and Financial Affairs Council, 21 January 2020, Council of the European Union (Brussels) 21 Access date: 19 May 2020. <https://www.consilium.europa.eu/en/meetings/ecofin/2020/01/21/>

8. Crime and Corruption: Cyber Resilience

“We also continue to step up efforts to enhance cyber resilience.”

G20 Osaka Leaders' Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia		0	
Brazil			+1
Canada	-1		
China		0	
France		0	
Germany			+1
India		0	
Indonesia			+1
Italy	-1		
Japan			+1
Korea		0	
Mexico			+1
Russia			+1
Saudi Arabia			+1
South Africa		0	
Turkey			+1
United Kingdom			+1
United States	-1		
European Union			+1
Average		+0.35 (68%)	

Background

The G20 has been dealing with issues relating to crime and corruption since the 2009 Pittsburgh Summit when members committed to cope with tax heavens, money laundering, corruption, terrorist financing and prudential standards.¹²⁵³ At the next summit in Toronto in 2010, the G20 committed to fully implement the United Nations Convention against Corruption (UNCAC).¹²⁵⁴ The same year the G20 Anti-Corruption Working Group (ACWG) was established.¹²⁵⁵ In 2010 in Seoul, the G20 endorsed the G20 Anti-Corruption Action Plan aimed at ratification and implementation of the UNCAC, fight against international bribery, money laundering prevention and the detection of transfers of proceeds of crime.¹²⁵⁶

¹²⁵³ G20 Leaders' Statement: The Pittsburgh Summit. Access date: 22 December 2019.

<https://www.ranepa.ru/images/media/g20/2009pittsburgh/G20%20Leaders%20Statement.pdf>

¹²⁵⁴ The G20 Toronto Summit Declaration. Access date: 22 December 2019.

https://www.ranepa.ru/images/media/g20/2010toronto/g20_declaration_en.pdf

¹²⁵⁵ The G20 Toronto Summit Declaration. Access date: 22 December 2019.

https://www.ranepa.ru/images/media/g20/2010toronto/g20_declaration_en.pdf

¹²⁵⁶ Annex III. The G20 Anti-Corruption Action Plan. Access date: 22 December 2019.

<https://www.ranepa.ru/images/media/g20/2010%20Korea/g20seoul-consensus.pdf>

In 2012, the G20 approved the G20 principles for denying entry of corrupt officials, presented by the ACWG.¹²⁵⁷ At Los Cabos, G20 leaders also reiterated the necessity to implement the G20 Anti-Corruption Action Plan and UNCAC.¹²⁵⁸

In 2013 at St. Petersburg, the G20 approved the High-Level Principles on Mutual Legal Assistance, the Guiding Principles on Enforcement of the Foreign Bribery Offence and the Guiding Principles to combat Solicitation.¹²⁵⁹ In 2014 at Brisbane, these principles were supplemented by the G20 High Level Principles on Beneficial Ownership Transparency.¹²⁶⁰

In 2015 at Antalya three documents dealing with crime and corruption were approved by the G20: the G20 High-Level Principles on Integrity and Transparency in the Private Sector, G20 Anti-Corruption Open Data Principles and the G20 Principles for Promoting Integrity in Public Procurement.¹²⁶¹ The following year, at the Hangzhou Summit in 2016, the G20 endorsed the G20 High Level Principles on Cooperation on Persons Sought for Corruption and Asset Recovery.¹²⁶²

At Hamburg in 2017, G20 members agreed on four sets of High Level Principles. These four includes the High Level Principles on Organizing Against Corruption, the High Level Principles on the Liability of Legal Persons for Corruption, the High Level on Countering Corruption in Customs, and the High Level Principles on Combatting Corruption Related to Illegal Trade in Wildlife and Wildlife Products.¹²⁶³

At Buenos Aires in 2018, G20 leaders agreed on the new Action Plan 2019–2021 and endorsed the Principles on Preventing Corruption and Ensuring Integrity in State-Owned Enterprises and on Preventing and Managing Conflicts of Interest in the Public Sector.¹²⁶⁴ In addition, the leaders committed to further explore “the links between corruption and other economic crimes and ways to tackle them, including through cooperation on the return of persons sought for such offences and stolen assets, consistent with international obligations and domestic legal systems.”¹²⁶⁵

In 2019 at Osaka, G20 leaders addressed cyber resilience for the first time in terms of the fight against corruption. They pledged to “step up efforts to enhance cyber resilience” following work by the Financial Stability Board (FSB) on the implications of decentralized financial technologies.¹²⁶⁶

¹²⁵⁷ G20 Los Cabos Leaders' Declaration. Access date: 22 December 2019. <https://www.ranepa.ru/images/media/g20/2012loscabos/G20%20Leaders%20Declaration%20-%20Los%20Cabos%2018-19%20June%202012.pdf>

¹²⁵⁸ G20 Los Cabos Leaders' Declaration. Access date: 22 December 2019. <https://www.ranepa.ru/images/media/g20/2012loscabos/G20%20Leaders%20Declaration%20-%20Los%20Cabos%2018-19%20June%202012.pdf>

¹²⁵⁹ G20 St. Petersburg Leaders' Declaration. Access date: 22 December 2019. <http://en.g20russia.ru/load/782795034>

¹²⁶⁰ G20 Leaders' Communiqué Brisbane Summit. Access date: 22 December 2019.

<https://www.ranepa.ru/images/media/g20/2014brisbane/G20%20Leaders%E2%80%99%20Communiqu%C3%A9%20Brisbane%20Summit,%202015-16%20November%202014.pdf>

¹²⁶¹ G20 Leaders' Communiqué Antalya Summit. Access date: 22 December 2019.

<https://www.ranepa.ru/images/media/g20/2015Antalya/00011117.pdf>

¹²⁶² G20 Leaders' Communiqué Hangzhou Summit. Access date: 22 December 2019. <https://www.ranepa.ru/images/media/g20/2016Hangzhou/G20%20Leaders%E2%80%99%20Communiqué%20Hangzhou%20Summit.pdf>

¹²⁶³ G20 Leaders' Hamburg Summit Declaration. Access date: 22 December 2019.

https://www.ranepa.ru/images/media/g20/2017hamburg/G20%20Hamburg%20leaders_%20communiqu%C3%A9.pdf

¹²⁶⁴ G20 Leaders' Buenos Aires Summit Declaration. Access date: 22 December 2019.

https://www.ranepa.ru/images/media/g20/2018buenosaires/buenos_aires_leaders_declaration.pdf

¹²⁶⁵ G20 Leaders' Buenos Aires Summit Declaration. Access date: 22 December 2019.

https://www.ranepa.ru/images/media/g20/2018buenosaires/buenos_aires_leaders_declaration.pdf

¹²⁶⁶ G20 Osaka Leaders' Declaration. Access date: 22 December 2019. https://www.ranepa.ru/images/News_ciir/Project/G20_new_downloadings/FINAL_G20_Osaka_Leaders_Declaration.pdf

Commitment Features

The main concept under this commitment is “cyber resilience.” In the Osaka Declaration the G20 leaders do not give a clear definition of this term. A comprehensive guide on notions relating to the cyber resilience (including the term “cyber resilience” itself) was developed by the FSB in 2018 following the request from the G20 Finance Ministers and Central Bank Governors.¹²⁶⁷ Thus, the term “cyber resilience” refers to: “The ability of an organisation to continue to carry out its mission by anticipating and adapting to cyber threats and other relevant changes in the environment and by withstanding, containing and rapidly recovering from cyber incidents.”¹²⁶⁸

The related concept of “cyber threats” refers to “a circumstance with the potential to exploit one or more vulnerabilities that adversely affects cyber security.”¹²⁶⁹

The definition of “cyber incidents” means “a cyber event that: i. jeopardizes the cyber security of an information system or the information the system processes, stores or transmits; or ii. violates the security policies, security procedures or acceptable use policies, whether resulting from malicious activity or not.”¹²⁷⁰ Thus, a “cyber event” implies “any observable occurrence in an information system. Cyber events sometimes provide indication that a cyber incident is occurring.”¹²⁷¹ Another notion mentioned here is the “information system” that is a “set of applications, services, information technology assets or other information-handling components, which includes the operating environment.”¹²⁷²

“Vulnerability” implies “a weakness, susceptibility or flaw of an asset or control that can be exploited by one or more threats.”¹²⁷³

Finally, the term “asset” in this context refers to “something of either tangible or intangible value that is worth protecting, including people, information, infrastructure, finances and reputation.”¹²⁷⁴

The G20 refers to the work done by the FSB on implications of the possible implications of decentralized financial technologies in the commitment’s text as well as the recommendation presented by the Financial Action Task Force (FATF). However, the FATF recommendations on money laundering and terrorist financing prevention does not refer to “cyber resilience” under the FSB’s definition.

The FSB noted that widening use of decentralized financial technologies could affect financial stability. It specified three dimensions affected by these technologies: risk taking, decision making and record keeping. It said:

¹²⁶⁷ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁶⁸ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁶⁹ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁷⁰ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁷¹ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁷² Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁷³ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

¹²⁷⁴ Cyber Lexicon, Financial Stability Board, 18 November 2018. Access date: 08 April 2020. <https://www.fsb.org/wp-content/uploads/P121118-1.pdf>

There are a number of different types of decentralization in financial services. These vary in the degree to which they affect different segments of financial services, but generally take three broad forms:

- Decentralisation of decision-making. This involves a move away from a single trusted financial intermediary or infrastructure towards systems in which a broad set of users is able to make decisions about whether and how to undertake financial transactions.
- Decentralisation of risk-taking. This involves the shift away from the retention of risk (e.g., credit and liquidity risk) on the balance sheets of individual traditional financial intermediaries towards more direct matching of individual users and providers of financial services.
- Decentralisation of record-keeping. This involves a move away from centrally held data and records, towards systems in which the ability to store and access data is extended across broader consortia of users. Verification of such data and records may also be more distributed, for example via consensus mechanisms.¹²⁷⁵

These forms of decentralization could raise new risks to financial stability:

- New forms of concentration risks may arise in what might appear to be decentralised systems. In addition to using similar technology, many activities in larger DLT [digital ledger technology] systems (e.g., ownership of the assets, control over source code, operation of the infrastructure, crypto-assets mining and code development) remain concentrated in a relatively small set of persons (e.g., software developers) or entities.
- Greater procyclicality could emerge, particularly in the supply of credit. For example, peer-to-peer (P2P) matching platforms may exhibit larger and sharper swings in their provision of credit than existing financial institutions. This may apply particularly where lending decisions are automated and/or rely on novel data or models whose performance remains untested in a downturn.
- Diffused or unclear responsibility and accountability may arise where the allocation of liability in a more decentralised financial system may be unclear. Such legal risk may be particularly problematic in systems that are permissionless or where participants remain anonymous, and around liabilities arising from smart contracts.
- Recovery and resolution challenges may arise, particularly where current approaches to the recovery and resolution of financial institutions are reliant on centralised recordkeeping and claims on market participants whose identity and location is known.¹²⁷⁶

The FSB also identifies three areas for further assessment:

- Financial regulation and regulatory approaches: for example, by considering the appropriateness, applicability and effectiveness of current financial regulations for financial businesses and activities based on decentralised financial technologies, and exploring ways to address potential regulatory gaps and financial stability concerns. Some jurisdictions may consider new ways of administering or enforcing regulation. This might include embedding restrictions in computer code, the implications of which have yet to be explored under legal theory.

¹²⁷⁵ Decentralised financial technologies: Report on financial stability, regulatory and governance implications, Financial Stability Board, 6 June 2019. Access Date: 22 December 2019. <https://www.fsb.org/wp-content/uploads/P060619.pdf>

¹²⁷⁶ Decentralised financial technologies: Report on financial stability, regulatory and governance implications, Financial Stability Board, 6 June 2019. Access Date: 22 December 2019. <https://www.fsb.org/wp-content/uploads/P060619.pdf>

- Financial supervision: for example, by assessing how decentralised financial technologies could lead to gaps or overlaps in supervisory systems, and updating or modifying data reporting processes accordingly (such as with respect to supervising activities on distributed ledgers). New data could also provide supervisors with greater and timelier insights into potential systemic risks, through the real-time tracking of asset ownership and shifting of associated risks. That said, acquiring and analysing such data may prove to be resource intensive for both market participants and regulators.
- The proportional and consistent application of regulation of decentralised financial technologies: for example, by continuing to regulate decentralised financial technologies in a manner proportional to the risks they pose. In places, the application of decentralised financial technologies may present challenges to the technology-neutral approach to regulation taken by some authorities.¹²⁷⁷

Thus, to achieve full compliance with the commitment on cyber resilience in financial matters, a G20 member should take actions in all three areas mentioned above.

Scoring Guidelines

-1	G20 member takes no action to improve cyber resilience in finance in any of three areas: financial regulation and regulatory approaches; financial supervision; or the application of regulation of decentralized financial technologies.
0	G20 member take actions to improve cyber resilience in finance in ONE or TWO of three areas: financial regulation and regulatory approaches; financial supervision; or the application of regulation of decentralized financial technologies.
+1	G20 member take actions in ALL three areas to improve cyber resilience in finance: financial regulation and regulatory approaches; financial supervision; and the application of regulation of decentralized financial technologies.

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment to enhance cyber resilience.

On 9 January 2020, Argentina's Central Bank released the instruction to fintech start-ups. Specifically, it instructed these startups to place their users' money in traditional banks so it may be under constant supervision by the corresponding supervising body. This regulation has a three-pronged purpose. First, it wants to protect users by supervising that startups don't mishandle a person's funds. Second, it mitigates tax evasions. And third, it ensures a level playing field between banking institutions and fintechs.¹²⁷⁸

Argentina has taken only one action to improve ciber resilience in finance.

Therefore it receives a score of 0.

Analyst: Irina Popova

Australia: 0

Australia has partially complied with the commitment to enhance cyber resilience.

¹²⁷⁷ Decentralised financial technologies: Report on financial stability, regulatory and governance implications, Financial Stability Board, 6 June 2019. Access Date: 22 December 2019. <https://www.fsb.org/wp-content/uploads/P060619.pdf>

¹²⁷⁸ Argentina's government is honing in on fintechs, Contxto 21 January 2020. Access date: 20 May 2020. <https://www.contxto.com/en/argentina/argentina-government-honing-fintechs/>

On 25 November 2019, the Minister for Home Affairs Peter Dutton announced the creation of the 2020 Cyber Security Strategy Industry Advisory Panel. The Panel was to provide strategic advice on the development of the 2020 Strategy to replace the 2016 Cyber Security Strategy.¹²⁷⁹

On 18 December 2019, the Australian Securities and Investments Commission issued a report Cyber resilience of firms in Australia's financial markets: 2018–19. The report provided an overview of the Commission's cyber resilience capabilities. According to the report "The cyber resilience of firms operating in Australia's markets has improved" since the publication of the previous edition, "with all firms recognising cyber risk as a strategic, organisation-wide issue that is attracting increasing investment." The report's purpose was also to identify new and emerging trends and challenges.¹²⁸⁰

During the monitoring period Australia took action in one area of cyber resilience in finance — financial supervision.

Thus, it is awarded a score of 0 for partial compliance.

Analyst: Andrei Sakharov

Brazil: +1

Brazil has fully complied with the commitment to enhance cyber resilience.

On 5 December 2019, the Central Bank of Brazil (BCB) put public regulation proposals for open banking in the country under public consultation. The circular and resolution proposals intend to define, among other aspects, the minimum scope of participating institutions and data and services covered by open banking, as well as the requirements for sharing, responsibilities, the convention between the participants and the implementation schedule. Open banking consists of the standardized sharing of data and services by opening and integrating information systems platforms and infrastructures, using a dedicated interface for this purpose, by financial institutions and other institutions authorized to operate by the BCB.¹²⁸¹

On 3 January 2020, the Laboratory of Financial and Technological Innovations (Lift), developed by the Central Bank, announced launch of 17 new projects for innovation in the National Financial System (SFN). The 2019 edition selected 20 proposals and 17 completed the prototype development cycle. The resulting projects include blockchain technologies, artificial intelligence, payment models and new application models for technologies already established in the market.¹²⁸²

On 5 February 2020, the BCB announced its BC# Agenda which combines activities in three major areas: instant payment, open banking and fintech. One of the focuses of the BC# Agenda is the adaptation of the SFN and the Brazilian Payment System to the modern technologies currently present in the sector. Innovation, interoperability and immediacy are the watchwords in the actions of the platform, which deals with the development and implementation of new and disruptive

¹²⁷⁹ Industry Panel meets to drive 2020 Cyber Security Strategy forward, Ministry of Home Affairs (Canberra) 25 November 2019. Access Date: 17 May 2019. <https://minister.homeaffairs.gov.au/peterdutton/Pages/Industry-Panel-meets-to-drive-2020-Cyber-Security-Strategy-forward.aspx>.

¹²⁸⁰ 19-362MR ASIC reports on cyber resilience assessments of financial markets firms, Australian Securities and Investments Commission (Canberra) 18 December 2019. Access Date: 17 May 2019. <https://asic.gov.au/about-asic/news-centre/find-a-media-release/2019-releases/19-362mr-asic-reports-on-cyber-resilience-assessments-of-financial-markets-firms/>.

¹²⁸¹ BC põe em consulta pública regras para funcionamento do Open Banking, Central Bank of Brazil (Brasilia) 5 December 2019. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/392/noticia>

¹²⁸² LIFT leva à criação de 17 novos projetos para inovação no SFN, Central Bank of Brazil (Brasilia) 3 January 2020. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/401/noticia>

systems. The technological infrastructures necessary for the operationalization of the systems are being developed. The issue has also been debated with market and consumer representatives. The launch of the first phase of three phases is scheduled for next November.¹²⁸³

On 5 February 2020, the National Cybersecurity Strategy (E-Cyber) was approved by Decree 10.222. The idea of developing E-Cyber was born from the need for the country to modify, with the greatest possible urgency, the current Brazilian Cybersecurity scenario, characterized by the following aspects: increasing cyber threats; increasing rates of cybercrime, good cybersecurity initiatives, however fragmented, lack of macro-political and strategic alignment in cybersecurity actions; and low maturity of the society in cybersecurity. One of the goals of the strategy is the reduction of financial losses for citizens and national institutions, by increasing the culture in cybersecurity.¹²⁸⁴

On 11 February 2020, the BCB participated in the world-wide Safe Internet Day and implemented public information campaign for the citizens to raise their awareness about risks in digital finance.¹²⁸⁵

On 2 March 2020, the BC created a working group to propose open banking governance in Brazil. With the implementation of open banking, the entire financial market will operate based on a standardized technological model that will allow universal communication and data sharing between institutions. It will increase competition and expand the offer of financial products and services.¹²⁸⁶

On 5 March 2020, testing of PIX's technological infrastructures, Brazil's instant payment system, started. Participating institutions are already testing the functionality of the addressing base, an infrastructure that will allow payment to be made in a more practical way, with the BCB. Communication between participants will take place in a secure environment using digital certificates for encryption and authentication. The National Financial System Network, which will be used to transmit payment orders, guarantees an adequate level of isolation to the most critical elements of the system.¹²⁸⁷

Brazil has taken actions for improvement of cyber resilience in finance in all three priority areas.

Therefore it receives a score of +1.

Analyst: Irina Popova

Canada: -1

Canada has not complied with the commitment to enhance cyber resilience.

No government action in any of the three areas of cyber resilience in finance has been registered during the monitoring period.

¹²⁸³ Agenda BC# reforça ações de inovação no Sistema Financeiro Nacional, Central Bank of Brazil (Brasilia) 5 February 2020. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/409/noticia>

¹²⁸⁴ Estratégia Nacional de Segurança Cibernética / E-Ciber, Departamento de Segurança da Informação Gabinete De Segurança Institucional Da Presidência Da República (Brasilia) 11 February 2020. Access date: 20 May 2020. <http://dsic.planalto.gov.br/noticias/estrategia-nacional-de-seguranca-cibernetica-e-ciber>

¹²⁸⁵ Dia da Internet Segura: confira dicas para se proteger de fraudes, Central Bank of Brazil (Brasilia) 5 February 2020. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/412/noticia>

¹²⁸⁶ Banco Central cria Grupo de Trabalho para propor governança do Open Banking no Brasil, Central Bank of Brazil (Brasilia) 2 March 2020. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/415/noticia>

¹²⁸⁷ BC testa infraestrutura tecnológica do PIX, Central Bank of Brazil (Brasilia) 5 March 2020. Access date: 20 May 2020. <https://www.bcb.gov.br/detalhenoticia/419/noticia>

Thus, Canada is awarded a score of -1.¹²⁸⁸

Analyst: Andrei Sakharov

China: 0

China has partially complied with the commitment to enhance cyber resilience.

On 26 October 2019, China approved its first national law on encryption. The regulation came into force on the 1 January 2020. It broadens the current regulatory scope of encryption, liberalizes commercial encryption at national-law level and proposes a market-oriented regulatory regime for the commercial encryption industry.¹²⁸⁹

On 19-20 December 2019, the 16th China International Finance Forum was held in Shanghai. The participants discussed urgent topics, including financial security risk prevention. The event was co-hosted by the main China's financial regulation authorities, major banks and local municipalities.¹²⁹⁰

On 23 February 2020, the People's Bank of China issued the financial distributed ledger technology security specification (JR/T 0184-2020). New regulation specifies the security system of the mentioned technology including basic hardware and software, cryptographic algorithms, etc.¹²⁹¹

China is taking steps towards consistent application of regulation of decentralized financial technologies, but no actions aimed at improvement of financial regulation and financial supervision have been found.

Thus, China receives a score of 0.

Analyst: Alexander Ignator

France: 0

France has partially complied with the commitment to enhance cyber resilience.

On 26 December 2019, the French Financial Markets Authority published new regulations concerning the licensing of digital assets providers. Licensed providers are required to have professional indemnity insurance or a minimum amount of reserve funds, at least one effective senior manager, resilient information technology systems, an internal control system, a claims handling procedure, an organization enabling it to avoid conflicts of interests and procedures to prevent money laundering and terrorist financing.¹²⁹²

¹²⁸⁸ The website of the Canadian government as well as open sources were searched.

¹²⁸⁹ China Cybersecurity and Data Protection: China publishes first law on encryption, Lexology (London) 12 November 2019. Access date: 24 March 2020. <https://www.lexology.com/library/detail.aspx?g=53282dfc-c7f6-4cef-8de6-8f180fed8b31>

¹²⁹⁰ The 16th China International Finance Forum. Access date: 24 March 2020. <http://www.ciff.org.cn/eng/>

¹²⁹¹ Financial distributed ledger technology security specification, China legislation standard (Beijing) 23 February 2020. Access date: 24 March 2020. <http://www.cnstandards.net/index.php/financial-distributed-ledger-technology-security-specification/>

¹²⁹² Crypto Firms Can Now Apply for a License in France, Yahoo Finance 26 December 2019. Access date: 03 April 2020. <https://finance.yahoo.com/news/crypto-firms-now-apply-license-170000940.html>

On 14 November 2019, the French government signed a three-year cybersecurity pact with eight major national companies to step up security arrangements amid growing number of cybersecurity attacks.¹²⁹³

France is taking steps towards consistent application of regulation of decentralized financial technologies and improvement of financial supervision, but no actions aimed at improvement of financial regulation have been found.

Thus, France receives a score of 0.

Analyst: Alexander Ignator

Germany: +1

Germany has fully complied with the commitment to enhance cyber resilience.

On 11 September 2019, German federal ministry of finance and German Bundesbank launched TIBER-DE, a new programme that will strengthen the resilience of the entire financial system to cyber attacks. The TIBER-DE framework was developed together with the Federal Financial Supervisory Authority (BaFin) and the Federal Office for Information Security. Banks, insurance companies, financial market infrastructures and their most important service providers can use TIBER-DE to test their resilience against cyber attacks. Under the coordination of the Bundesbank, businesses interested in testing their systems hire ethical hackers to try to breach their security mechanisms and penetrate their information systems. These businesses can then close the vulnerabilities in their security systems and take preventive measures against actual hacking.¹²⁹⁴

In March 2020, BaFin identified four overarching priority areas for its work in 2020, including digitalization, information technology (IT) risk and cyber risk. BaFin will particularly focus on the growing use of artificial intelligence, distributed ledger technology and crypto-assets based on these technologies. In the area of big data and artificial intelligence, BaFin will define the framework for action for supervised entities on the basis of five initiatives within the context of principle-based supervision. The objective is to provide greater legal certainty for the use of technologies involved in big data and artificial intelligence. In addition, BaFin's Insurance Supervision Sector will examine whether supervised undertakings are implementing Insurance Supervisory Requirements for IT.¹²⁹⁵

Germany has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

India: 0

India has partially complied with the commitment to enhance cyber resilience.

¹²⁹³ French government forms cybersecurity pact with major French companies, Reuters 14 November 2019. Access date: 03 April 2020. <https://www.reuters.com/article/us-france-cyber/french-government-forms-cybersecurity-pact-with-major-french-companies-idUSKBN1XO1HZ>

¹²⁹⁴ TIBER-DE enhances the security of the German financial system, German Federal Ministry of Finance 11 September 2019. Access Date: 3 April 2020. <https://www.bundesfinanzministerium.de/Content/EN/Pressemitteilungen/2019/2019-11-09-joint-release-with-bundesbank.html>.

¹²⁹⁵ Supervisory priorities for 2020, Geramn Federal Financial Supervisory Authority March 2020. Access Date: 3 April 2020. https://www.bafin.de/SharedDocs/Downloads/EN/Broschuere/dl_Aufsichtsschwerpunkte2020_en.pdf?__blob=publicationFile&v=3.

On 2 September 2019, Steering Committee on Fintech related issues constituted by the Ministry of Finance, Department of Economic Affairs submitted its Final Report to Union Finance and Corporate Affairs Minister Nirmala Sitharaman. The report outlines the current landscape in the fintech space globally and in India, studies the various issues relating to its development and makes recommendations focusing on how fintech can be leveraged to enhance financial inclusion of micro, small and medium sized enterprises with a view to making fintech-related regulations more flexible and generate enhanced entrepreneurship. The committee report also identifies application areas and use cases in governance and financial services and suggests regulatory upgrades enabling fintech innovations. Given the rapid pace at which technology is being adopted primarily by private sector financial services, the committee recommends the Department of Financial Services work with public sector banks to bring in more efficiency to their work and reduce fraud and security risks. Significant opportunities can be explored to increase the levels of automation using artificial intelligence, cognitive analytics and machine learning in their back-end processes. The committee also recommends a comprehensive legal framework for consumer protection be put in place early keeping in mind the rise of fintech and digital services.¹²⁹⁶

India is taking steps towards improvement of financial regulation and regulatory approaches, but no actions in other two key spheres indicated by the Financial Stability Board have been detected within the monitoring period.

Thus, India receives a score of 0.

Analyst: Irina Popova

Indonesia: +1

Indonesia has fully complied with the commitment to enhance cyber resilience.

On 30 September 2019, Indonesia's Financial Services Authority (OJK) issued Regulation No. 23/POJK.01/2019 (POJK 23/2019), which amends several provisions of OJK Regulation No. 12/POJK.01/2017 on Implementation of Anti-Money Laundering and Prevention of Terrorism Funding in Financial Sector Programs. One change introduced by POJK 23/2019 is to allow banks to engage third party service providers to conduct their face-to-face on-boarding verification, whereas previously, banks could only use their own electronic facilities for face-to-face verification.¹²⁹⁷

In October 2019, the Indonesian government issued Government Regulation No. 71 of 2019 on the Management of Electronic Systems and Transactions, which clarifies the distinction between public and private electronic system operators, which affects the applicability of Indonesia's data localization requirements. These regulations are generally applicable to data protection, and not specific to the financial services sector.¹²⁹⁸

In October 2019, Bank Indonesia (BI) issued a regulation and circular letters allowing private companies to operate electronic trading platforms for money market and foreign exchange

¹²⁹⁶ Steering Committee on Fintech related issues submits its Final Report to Finance Minister, Press Information Bureau of Indian Government (Delhi) 2 September 2019. Access date: 19 May 2020.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1583866>

¹²⁹⁷ Digitalisation Trends in Indonesia's Financial Services Sector — Recent and Upcoming Developments 07 February 2020. Access date: 28 March 2020. <https://www.mondaq.com/Finance-and-Banking/891136/Digitalisation-Trends-In-Indonesia39s-Financial-Services-Sector-Recent-And-Upcoming-Developments>

¹²⁹⁸ Digitalisation Trends in Indonesia's Financial Services Sector — Recent and Upcoming Developments 07 February 2020. Access date: 28 March 2020. <https://www.mondaq.com/Finance-and-Banking/891136/Digitalisation-Trends-In-Indonesia39s-Financial-Services-Sector-Recent-And-Upcoming-Developments>

transactions in Indonesia. The maximum foreign ownership for these entities is 49%, and the single presence policy also applies to this sector. We have seen increasing interest in this space since then.¹²⁹⁹

On 29 November 2019, BI issued a blueprint titled Bank Indonesia: Menavigasi Sistem Pembayaran Nasional di Era Digital (Bank Indonesia: Navigating the National Payment System in the Digital Era) as a follow-up to Indonesia's 2025 Payment System Visions (introduced in May 2019). The five initiatives will be implemented in parallel by five working groups under BI. Through the 2025 visions, BI intends to:¹³⁰⁰

- Support the integration of national digital economy and finance;
- Support banking digitalization;
- Guarantee the interlink between fintech and banking;
- Ensure there is a balance between innovation, consumer protection and healthy business competition;
- Safeguard national interests in cross-border digital economy and finance.

The blueprint covers five initiatives to achieve the 2025 visions: (i) open banking, (ii) retail payment system, (iii) market infrastructure, (iv) data and (v) regulatory, licensing and supervision.

The introduction of Payment System Directive 2 in the European Union created opportunities for technology companies (including fintech players), and that will likely be the case in Indonesia too, once open banking is fully implemented.

Indonesia has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

Italy: -1

Italy has not complied with the commitment to enhance cyber resilience.

No government actions in any of the three areas of cyber resilience in finance has been registered during the monitoring period.

Thus, Italy is awarded a score of -1.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment to enhance cyber resilience.

¹²⁹⁹ Digitalisation Trends in Indonesia's Financial Services Sector — Recent and Upcoming Developments 07 February 2020. Access date: 28 March 2020. <https://www.mondaq.com/Finance-and-Banking/891136/Digitalisation-Trends-In-Indonesia39s-Financial-Services-Sector-Recent-And-Upcoming-Developments>

¹³⁰⁰ Bank Indonesia Issues Blueprint for 2025 Payment System 29 November 2019. Access date: 28 March 2020. <https://www.bakermckenzie.com/en/insight/publications/2019/11/bank-indonesia-2025-payment-system>

On 18 July 2019, it was reported Japan's Financial Services Agency was considering 110 registration applications from crypto trading platforms, as part of the country's efforts to further strengthen crypto legislation to protect cryptocurrency investors and further integrate the crypto sector with traditional finance.¹³⁰¹

On 6 September 2019, Japan's Financial Services Agency held the second roundtable on supervisory oversight of crypto assets, which brought together relevant financial supervisors and international organizations, providing a useful opportunity to share experiences and discuss recent developments concerning crypto assets, including (1) recent technological developments and challenges with crypto-assets; (2) regulation and supervision of crypto-asset trading platforms; (3) investor protection and market integrity; and (4) international cooperation with multi-stakeholders involvement.¹³⁰²

On 30 September 2019, Japan's Financial Services Agency issued draft guidelines for funds investing in crypto assets; the guidelines refer to the worrying investments as “non-specific assets” and advise funds to exercise caution when investing in assets outside the original objective of the trust and to evaluate potential risks, such as those relating to volatility and liquidity.¹³⁰³

On 3-11 October 2019, Japan's Financial Services Agency held fourth financial sector industry-wide cybersecurity exercise Delta Wall, in which 120 financial sector entities took part (large, medium and small players); the scenarios of the exercises were designed with expert knowledge and examples of actual cyber attacks to allow participants to raise their awareness for weaknesses that they tend to fall into.¹³⁰⁴

On 28 October 2019, Japan's Financial Services Agency published a report reflecting the current state and common issues of cybersecurity across the financial sector; the report notes that “with the progress of digitalization, the environment surrounding the financial sector is undergoing rapid changes, with financial institutions revamping their business models, non-financial players referred to as “platformers” entering the sector,” Japan's Financial Services Agency “will take steps to find out about how digitalization is progressing at financial institutions, taking into account the sizes and characteristics of financial institutions … and will also be active in gathering information from various entities, including non-financial players, and proactively encourage the financial sector to take whatever steps are necessary to ensure cyber security.”¹³⁰⁵

On 4 December 2019, it was reported Japan's Financial Services Agency approved the remaining crypto exchange that was in business prior to the regulation of the crypto industry; exchanges in this category were allowed to continue operations while their registration applications were being reviewed; in total 21 crypto exchanges have been approved to operate in the country.¹³⁰⁶

¹³⁰¹ Japan's FSA considering over 100 new exchange applications, BNC 18 July 2019. Access date: 23 March 2020. <https://bravenewcoin.com/insights/japans-fsa-considering-over-100-new-exchange-applications>

¹³⁰² The second Roundtable on Supervisory Oversight of Crypto-Assets –Toward a new Stage of International Cooperation, Japan's FSA 9 September 2019. Access date: 23 March 2020. <https://www.fsa.go.jp/en/news/2019/201909/20190909.html>

¹³⁰³ Japan's Financial Regulator Issues Draft Guidelines for Funds Investing in Crypto, Coindesk 3 October 2019. Access date: 23 March 2020. <https://www.coindesk.com/japans-financial-regulator-issues-draft-guidelines-for-funds-investing-in-crypto>

¹³⁰⁴ Financial Industry-wide Cybersecurity Exercise (Delta Wall IV), Japan's FSA 28 October 2019. Access date: 23 March 2020. <https://www.fsa.go.jp/en/news/2019/20191028-4.html>

¹³⁰⁵ Publication of a report on cybersecurity across the financial sector, Japan's FSA 28 October 2019. Access date: 23 March 2020. <https://www.fsa.go.jp/en/news/2019/20191028-5.html>

¹³⁰⁶ Japan Now Has 21 Approved Crypto Exchanges, Bitcoin.com 4 December 2019. Access date: 23 March 2020. <https://news.bitcoin.com/japan-now-has-21-approved-crypto-exchanges/>

On 24 December 2019, Bank of Japan released the summary of the main findings of the Report of the Study Group on Legal Issues regarding Central Bank Digital Currency (CBDC); the Report discusses what legal issues would arise within the Japanese legal framework if the Bank of Japan were to issue its own CBDC; whether or not CBDC can be regarded as legal tender; what would happen in the case of counterfeit or duplication under current private law; whether or not issuance of CBDC is consistent with the purposes of the Bank as currently specified by the Bank of Japan Act; whether the Bank can restrict the use of CBDC by certain individuals; the legal issues related to the acquisition of information with respect to Anti-Money Laundering and Counter-Terrorism Financing regulations; protecting personal information; and the penalties for counterfeiting/duplicating CBDC as Crimes of Counterfeiting of Currency under current criminal law.¹³⁰⁷

On 24 December 2019, Japan's Financial Services Agency announced its plans to organize the "Blockchain Global Governance Conference" on 9-10 March 2020 (though it was later postponed due to the COVID-19 pandemic) to deepen the understanding of issues regarding the financial system based on decentralized financial technologies.¹³⁰⁸

On 13 January 2020, it was reported Japan's Financial Services Agency had plans to impose the new rule in a revision to the Financial Instruments and Exchange Act to reduce the risk to cryptocurrency margin traders by cutting the permitted leverage to two times the deposit due to the crypto markets volatility.¹³⁰⁹

On 10 March 2020, within the framework of the postponed "Blockchain Global Governance Conference," Japan's Financial Services Agency "BG2C — Special Online Broadcasting Panel Discussion"; the session announced the launch of "Blockchain Governance Initiative Network" (BGIN) aiming to (1) create an open, global and neutral platform for multi-stakeholder dialogue, (2) develop a common language and understandings among stakeholders with diverse perspectives, and (3) build academic anchors through continuous provision of trustable documents and codes based on an open source-style approach; Japan's Financial Services Agency stressed BGIN was formed under the guidelines set by Japan at the G20 on governance and regulatory frameworks for decentralized finance¹³¹⁰.

Japan has taken significant efforts in all considered areas for enhancement of cyber resilience, including financial regulation and regulatory approaches; financial supervision; and the application of regulation of decentralized financial technologies.

Thus, Japan is awarded a score of +1.

Analyst: Pavel Doronin

Korea: 0

Korea has partially complied with the commitment to enhance cyber resilience.

¹³⁰⁷ Summary of the Report of the Study Group on Legal Issues regarding Central Bank Digital Currency, Bank of Japan 24 December 2019. Access date: 23 March 2020. https://www.boj.or.jp/en/research/wps_rev/lab/lab19e03.htm/

¹³⁰⁸ Financial Services Agency Japan: Blockchain Global Governance Conference [BG2C], Mondovisione 24 December 2019. Access date: 23 March 2020. <https://mondovisione.com/media-and-resources/news/financial-services-agency-japan-blockchain-global-governance-conference-bg2c/>

¹³⁰⁹ Japan's Financial Watchdog to Set Low Leverage Cap for Crypto Margin Traders: Report, Coindesk 13 January 2020. Access date: 23 March 2020. <https://www.coindesk.com/japans-financial-watchdog-to-set-low-leverage-cap-for-crypto-margin-traders-report>

¹³¹⁰ Launch of a new global network for blockchain "Blockchain Governance Initiative Network" [BGIN], Japan's FSA 10 March 2020. Access date: 23 March 2020. <https://www.fsa.go.jp/en/news/2020/20200310.html>

On 20 January 2020, the government announced its intention to impose a 20 per cent tax on cryptocurrencies. The ordering to review taxation plan had been given to the Ministry of Economy and Finance.¹³¹¹

On 11 May 2020, the Financial Services Commission launched the financial data exchange platform. The platform is said to establish a safe and secure marketplace for the distribution of financial big data. It will also foster new data-driven business opportunities for fintech start-ups and promote data convergence and utilization with non-financial data, which will lead to the development of new types of innovative services.¹³¹²

On 13 May 2020, the Financial Services Commission presented the development plan of MyData licensing program. By law, MyData business operators are required to have a minimum capital of KRW500million and adequate telecommunications facilities for safe data processing, while satisfying the major shareholder and feasibility of business plan requirements. MyData program aims at improvement of the productivity and competitiveness of the financial industry.¹³¹³

On 18 May 2020, the Financial Services Commission unveiled the 5th Plan for Financial Hub Policy for 2020–2022. The specific strategies include pursuing regulatory reforms to promote private sector-driven innovation, building infrastructure to continue innovative growth in the financial industry and adopting a “selection and concentration” approach to build global capacity with a particular attention paid to the markets in the Association of South East Asian Nations. Among the main pillars of the policy, the key factors are the development of the digital financial technologies and promotion of anti-money laundering framework.¹³¹⁴

Korea is taking steps towards improvement of financial regulation and regulatory approaches, but no actions in other two key spheres indicated by the Financial Stability Board have been detected within the monitoring period.

Thus, Korea receives a score of 0.

Analyst: Alexander Ignatov

Mexico: +1

Mexico has fully complied with the commitment to enhance cyber resilience.

On 29 October 2019, Global Financial Innovation Network welcomed Mexican National Banking and Securities Commission as a member of the group. This network is made up of 50 authorities and international organizations committed to facilitating financial innovation, through a global regulatory sandbox in which coordination mechanisms are established for companies that want to test novel products, services or models in the respective sandboxes of the countries.¹³¹⁵

¹³¹¹ S. Korea considering imposing 20% tax on cryptocurrencies, the Korea Herald (Seoul) 20 January 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200120000204&np=61&mp=7>

¹³¹² Financial Data Exchange Platform Launched, Financial Services Commission (Seoul) 11 May 2020. Access date: 18 May 2020. http://meng.fsc.go.kr/common/pdfjs/web/viewer.html?file=/upload/press1/20200511171544_32e3c243.pdf

¹³¹³ FSC Announces Plans for MyData Businesses, Financial Services Commission (Seoul) 13 May 2020. Access date: 13 May 2020. http://meng.fsc.go.kr/common/pdfjs/web/viewer.html?file=/upload/press1/20200513154540_13b5d14f.pdf

¹³¹⁴ FSC Unveils 5th Plan for Financial Hub Policy, Financial Services Commission (Seoul) 18 May 2020. Access date: 18 May 2020. http://meng.fsc.go.kr/common/pdfjs/web/viewer.html?file=/upload/press1/20200518111610_58dffdf1.pdf

¹³¹⁵ 68/2019 La CNBV se suma a la Red Global de Innovación Financiera (GFIN), Mexican Government (Mexico City) 29 October 2019. Access date: 20 May 2020. <https://www.gob.mx/cnbv/prensa/68-2019-la-cnbv-se-suma-a-la-red-global-de-innovacion-financiera-gfin>

On 2 December 2019, the National Banking and Stock Commission made the Register of Novel Models available to the public. This temporary authorization space, known as the Regulatory Sandbox internationally, can be seen as an experimentation space, which allows companies to offer financial services to a limited number of clients, using innovative technological tools or means, in order to test them before offering them to the general public in bulk. The authorities obtain better tools to accommodate, in the regulatory framework they issue, the New Models that have the potential to generate benefits for users of financial services, the financial entities themselves or the financial system in your set.¹³¹⁶

On 17 December 2019, the Secretary of the Treasury and Public Credit, Arturo Herrera Gutiérrez, together with the Ambassador of the United Kingdom in Mexico, Corin Robertson, launched Officially, the Financial Services Program of the Prosperity Fund, which includes a contribution of GBP9.5 million by the United Kingdom government, which will be invested in cooperation for the development of the financial sector in Mexico. The objective of the Financial Services Program of the Prosperity Fund is to promote inclusive economic growth and development, through a modern financial system, on which three main lines of work have been proposed:

1. Improve the financial education of beneficiaries of some social programs;
2. Support the implementation and development of secondary regulation of the Financial Technology Institutions Law, based on international best practices,
3. Promote the adoption and use of digital financial services among the population and micro, small and medium-sized enterprises.¹³¹⁷

On 11 March 2020, Mexico adopted the National Policy for Financial Inclusion. It is a public policy tool that will pay for social mobility, economic growth and with it the well-being of the population. The main objectives of the Policy are:

- To facilitate access to financial products and services for people and micro, small and medium-sized enterprises.
- Increase digital payments among the population, businesses, companies and the three levels of government.
- Strengthen infrastructure to facilitate access and provision of financial products and services and reduce information asymmetries.
- Increase the economic-financial skills of the population.
- Strengthen access to information tools and financial protection mechanisms.
- Promote the financial inclusion of people in vulnerable situations, such as women, migrants, older adults, indigenous people and the rural population.¹³¹⁸

¹³¹⁶ Registro de Modelos Novedosos), Mexican Government (Mexico City) 2 December 2019. Access date: 20 May 2020. <https://www.gob.mx/cnbv/acciones-y-programas/registro-modelos-novedosos>

¹³¹⁷ Comunicado No. 104 La SHCP y la Embajada Británica en México presentan el Programa de Servicios Financieros del Fondo de Prosperidad, Mexican Government (Mexico City) 17 December 2019. Access date: 20 May 2020. <https://www.gob.mx/shcp/prensa/comunicado-no-104-la-shcp-y-la-embajada-britanica-en-mexico-presentan-el-programa-de-servicios-financieros-del-fondo-de-prosperidad>

Mexico has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, it receives a score of +1.

Analyst: Irina Popova

Russia: +1

Russia has fully complied with the commitment on cyber resilience in finance.

On 16 September 2019, Bank of Russia adopted the Guidelines for the Advancement of Information Security in the Financial Sector for 2019-2021, which define priorities in the area for the near future. These include the creation of risk profiles for financial institutions and the transition to risk-based supervision; the introduction of requirements for the resilience and smooth operation of financial institutions in case of cyber risks materialization; the requirements for data management security and the prevention of data leaks from financial institutions; and the development of the cyber culture of the financial market.¹³¹⁹

Russia has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: +1

Saudi Arabia has fully complied with the commitment on improvement of cyber resilience in finance.

On 10 November 2019, in a joint effort between the National Cybersecurity Authority (NCA) and the E-Commerce Council, NCA has issued two cybersecurity guidelines documents for sellers and consumers of e-commerce.¹³²⁰

On 8 December 2019, NCA launched the Cybersecurity Toolkit, containing cyber security policies, standards and documents that can be used by various authorities as a reference for cybersecurity policies and standards with the objective to enhance the capabilities and readiness of national entities in cybersecurity.¹³²¹

On 30 January 2020, the Saudi Arabian Monetary Authority (SAMA) announces the launching of licenses for non-bank financial institutions (financial technology institutions), by announcing the issuance of the first license for an electronic wallet company and the first license for a payment services company in Saudi Arabia. The announcement comes as part of SAMA's efforts to achieve the objectives of the financial sector development program, which is one of the pillars of Vision 2030, in enabling financial institutions to support private sector growth by opening financial services

¹³¹⁸ Comunicado No. 019 CONAIF y CEF presentan la Política Nacional de Inclusión Financiera (PNIF), Mexican Government (Mexico City) 11 March 2019. Access date: 20 May 2020. <https://www.gob.mx/shcp/prensa/comunicado-no-019-conaif-y-cef-presentan-la-politica-nacional-de-inclusion-financiera-pnif>

¹³¹⁹ Guidelines for the Advancement of Information Security in the Financial Sector for 2019-2021, Bank of Russia 16 September 2019. Access Date: 15 May 2020. http://old.cbr.ru/Content/Document/File/103460/onrib_2021_e.pdf.

¹³²⁰ NCA Issues E-Commerce Guidelines in Conjunction with the E-Commerce Council, National Cybersecurity Authority of Saudi Arabia 10 November 209. Access date: 20 August 2020. <https://nca.gov.sa/en/pages/news/news22.html>

¹³²¹ Cybersecurity tools, National Cybersecurity Authority of Saudi Arabia 8 December 2020. Access date: 20 August 2020. <https://nca.gov.sa/pages/kit.html>

to non-banking actors (payment services providers and financial technologies), supporting development of the national economy.¹³²²

On 4 February 2020, the NCA launched a Global Cybersecurity Forum in Riyadh. It discussed five themes: cybersecurity industry, international cyber collaboration, cyber culture, cyber disruption, and cyber threats and resilience.¹³²³ It was stated that five memorandum's of understanding (MOUs) would be signed between the NCA and international organizations to strengthen international cybersecurity cooperation.

On 19 February 2020 NCA launched a public consultation on the Cloud Computing Cybersecurity Controls Draft Document to fulfill its rule in organizing and protecting the kingdom's cyberspace and engaging the stakeholders and the public in order to produce efficient policies and legislation.¹³²⁴

On 25 February 2020, SAMA released additional licensing guidelines and criteria for digital-only banks operating in Saudi Arabia. Guidelines for digital-only banks include that applicants for licenses must be set up as a locally incorporated joint-stock company and maintain a physical presence in Saudi Arabia.¹³²⁵

On 29 May 2019, the NCA introduced the Critical Systems Cybersecurity Controls. (CSCC -1 :2018) after conducting a comprehensive study of multiple national and international cybersecurity frameworks and standards.¹³²⁶

Saudi Arabia has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, Saudi Arabia receives a score of +1.

Analyst: Alexander Ignator

South Africa: 0

South Africa has partially complied with the commitment on cyber resilience in finance.

On 17 April 2020, the Crypto Assets Regulatory Working Group consisting of several major financial institutions of South Africa including the South African Reserve Bank presented the Position Paper on Crypto Assets. The position paper provides specific recommendations for the development of a

¹³²² SAMA Announces the Launching of Licenses for Non-Bank Financial Institutions, Saudi Arabian Monetary Authority (Riyadh) 30 January 2020. Access date: 30 March 2020. <http://www.sama.gov.sa/en-US/News/Pages/news-399.aspx>

¹³²³ Saudi Arabia's National Cybersecurity Authority Launches Today the Global Cybersecurity Forum in Riyadh, the Middle East Larges to Date Cybersecurity Event, Global Cyber Security Forum, Saudi Arabia National Cybersecurity Authority, 4 February 2020. Access Date: 24 September 2020. <https://nca.gov.sa/en/pages/news/news27.html>.

¹³²⁴ NCA Asks for the Public's Feedback Regarding the Cloud Computing Controls Draft Document, National Cybersecurity Authority of Saudi Arabia 19 February 2020. Access date: 20 August 2020. <https://nca.gov.sa/en/pages/news/news32.html>

¹³²⁵ Saudi central bank issues additional licensing guidelines for digital-only banks6 Salaam Gateway 25 February 2020. Access date: 15 May 2020. <https://www.salaamgateway.com/story/saudi-central-bank-issues-additional-licensing-guidelines-for-digital-only-banks>

¹³²⁶ Cybersecurity controls for sensitive systems, National Cybersecurity Authority of Saudi Arabia 29 May 2020. Access date: 20 August 2020. <https://nca.gov.sa/pages/cscc.html>

regulatory framework for crypto assets, including suggestions on the required regulatory changes to be implemented.¹³²⁷

South Africa is taking steps towards improvement of financial regulation, but no actions aimed at consistent application of regulation of decentralized financial technologies and improvement of financial supervision were detected.

Thus, South Africa receives a score of 0.

Analyst: Alexander Ignatov

Turkey: +1

Turkey has fully complied with the commitment on cyber resilience in finance.

On 14 November 2019, Turkey announced it would be fully complying with the European Union's revised Payment Services Directive (PSD2) starting from 1 January 2020.¹³²⁸ The PSD2 focuses on supporting innovation and competition in retail payments and enhances the security of payment transactions and protection of consumer data. The PSD2 is supplemented by regulatory technical standards on strong customer authentication and common and secure open standards of communication, as well as guidelines on incident reporting and guidelines on security measures for operational and security risks. The three documents were developed by the European Banking Authority in close cooperation with the European Central Bank and payment service providers must comply with all of them.

On 1 January 2020, the Law on Payment and Securities Settlement Systems, Payment Services and Electronic Money Institution entered into force and introduced major changes to the regulation and supervision of payment services and open banking service providers, such as:¹³²⁹

- Within the scope of the law, the Payment and E-Money Institutions Association of Turkey is established. Simultaneously, payment and e-money institutions will be subject to independent audit;
- In accordance with the law, open banking products of payment initiation service providers and account information service providers are defined as payment services and be included in the scope of payment services. Payment service providers will be entitled to provide these services as well. The Central Bank of the Republic of Turkey (CBRT) is authorized to supervise these services;
- Open banking and payment services providers are required to apply to the CBRT to obtain the authorization for these services within one year of the entry into force of the law;
- Furthermore, depending on the limits to set forth by the CBRT, the marketplaces may need to establish their payment service provider subsidiaries or outsource the payment services to third party service providers;

¹³²⁷ IFWG Position Paper on Crypto Assets, South African Reserve Bank (Pretoria) 17 April 2020. Access date: 15 May 2020. <https://www.resbank.co.za/Lists/News%20and%20Publications/Attachments/9867/IFWG%20Position%20Paper%20on%20Crypto%20Assets.pdf>

¹³²⁸ Turkey paves the way for Open Banking 14 November 2019. Access date: 21 March 2020. <https://www.finextra.com/newsarticle/34764/turkey-paves-the-way-for-open-banking>

¹³²⁹ Turkey: Turkish PSD2: Open Banking Reform, Enacted! Marketplaces May Need Payment Services License 02 December 2019. Access date: 21 March 2020. <https://www.mondaq.com/turkey/Finance-and-Banking/870432/Turkish-PSD2-Open-Banking-Reform-Enacted-Marketplaces-May-Need-Payment-Services-License>

- The law brings major changes to the regulation and supervision of payment service providers and e-money issuers. The CBRT is authorized to regulate and supervise these institutions in lieu of the Banking Regulatory and Supervisory Authority (BRSA). The CBRT will also be entitled to supervise the third parties providing services to these institutions;
- Within the scope of the prevailing legislation, the services, which are not currently defined as payment services, are included in the category of payment services if they reach the limits to be set by CBRT;
- Pursuant to the law, if transactions used with closed loop payment instruments reach certain limits, they may become subject to the Payment Services and Electronic Money Law.

The law is the second and the most important step in terms of regulating open banking in Turkey. The RSA had taken the first step by introducing the Draft Information Technology Systems Regulation to public review in 2018.

On 4 January 2020, it was reported that the Capital Markets Board, Turkey's financial regulatory and supervisory agency, is planning to develop guidelines to foster the adoption of blockchain technology responding to the increasing interest and usage of cryptocurrencies in the country.¹³³⁰

On 15 March 2020, the RSA published new Regulation on Information Systems of Banks and Electronic Banking Services, which enter into force on 1 July 2020. According to the regulation, banks' boards of directors are liable for conducting effective supervision to manage any risks arising from the use of information systems. The regulation sets out that the board of directors must approve and establish a strategic plan, establish a strategy committee and a guidance committee related to information systems.

The regulation sets forth the standards regarding the following points to control the information systems:¹³³¹

- Establishment of authentication mechanisms;
- Establishment of track record mechanism for transactions related to information systems;
- Establishment of network security control systems;
- Security configuration management;
- Security vulnerability management;
- Cyber-attack management and cyber information sharing;
- Creation of an information security awareness training program.

Turkey has taken actions for improvement of cyber resilience in finance in all three priority areas.

¹³³⁰ Kripto paralara SPK denetimi 04 January 2020. Access date: 23 March 2020.
<https://www.hurriyet.com.tr/ekonomi/kripto-paralara-spk-denetimi-41412081>

¹³³¹Turkey: New Regulation On Bank IT Systems And Electronic Banking Services 30 March 2020. Access date: 30 March 2020. <https://www.mondaq.com/turkey/Finance-and-Banking/907164/New-Regulation-On-Bank-IT-Systems-And-Electronic-Banking-Services>

Thus, it receives a score of +1.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment on cyber resilience in finance.

On 3 July 2019, the Financial Conduct Authority (FCA) proposed rules to address harm to retail consumers from the sale of derivatives and exchange traded notes (ETNs) referencing certain types of cryptoassets. The FCA considered these products as ill-suited to retail consumers who cannot reliably assess the value and risks of crypto-derivatives, including due to the prevalence of market abuse and financial crime, such as cyber theft, in the secondary market for cryptoassets. Therefore the FCA proposed banning the sale, marketing and distribution to all retail consumers of all derivatives and ETNs that reference unregulated transferable cryptoassets by firms acting in, or from, the UK.¹³³²

On 27 September 2019, the Bank of England published the findings of the financial sector cyber simulation exercise that took place on 9 November 2018. The exercise, commissioned by the Cross Market Operational Resilience Group jointly chaired by the bank and UK Finance, explored the sector's resilience to a major cyber incident impacting the UK. The exercise demonstrated that recommendations from the last sector exercise have been implemented and identified further opportunities for improvement.¹³³³

In February 2020, the National Cyber Security Centre opened the Northern Ireland Cyber Security Centre. The new Centre will provide a centralised communications role for cyber security in Northern Ireland, and will help deliver the Cyber Security: A Strategic Framework for Action and the UK Cyber Security Strategy focusing on several major areas including finance.¹³³⁴

The UK has taken actions for improvement of cyber resilience in finance.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: -1

United States has not complied with the commitment to enhance cyber resilience.

On 12 December 2019, the Presidential National Infrastructure Advisory Council (NIAC) released a communication in response to the National Security Council's call, outlining risks and recommendations for the United States cyber security, including in the matters of finance. The NIAC recommended a two-track approach: to pursue solutions that address urgent, near-term cyber risks that have national security implications and that can be implemented rapidly using existing authorities

¹³³² FCA proposes ban on sale of crypto-derivatives to retail consumers, UK Financial Conduct Authority 3 July 2019. Access Date: 3 April 2020. <https://www.fca.org.uk/news/press-releases/fca-proposes-ban-sale-crypto-derivatives-retail-consumers>.

¹³³³ Bank of England sector resilience exercise, Bank of England 27 September 2019. Access Date: 3 April 2020. <https://www.bankofengland.co.uk/news/2019/september/boe-sector-resilience-exercise>.

¹³³⁴ NCSC supports Northern Ireland's push to strengthen cyber security capabilities, UK National Cyber Security Centre 18 February 2020. Access Date: 3 April 2020. <https://www.ncsc.gov.uk/news/northern-ireland-cyber-security-centre>.

and design the ideal model for an assured measure of protection informed by an executive-driven public-private partnership.¹³³⁵

However, no other government actions in any of the three areas of cyber resilience in finance has been registered during the monitoring period.

Thus, the United States is awarded a score of -1.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment on enhancing cyber resilience in finance.

On 2 October 2019, the European Commission's Directorate-General for Financial Stability, Financial Services and Capital Markets Union (FISMA) and Deloitte co-hosted the event: "How can technology driven transparency fuel the Capital Markets Union?" Head of Sector Digital Building Blocks at European Commission's Directorate-General for Informatics Joao Rodrigues Frade introduced the European Financial Transparency Gateway pilot run by DG FISMA. The pilot experimented with blockchain technology to provide European citizens and investors with easier access to financial information on companies across the EU. He also presented the European Blockchain Services Infrastructure (EBSI) project, which will deliver a Europe-wide blockchain infrastructure offering numerous applications for public administrations in EU member states. The Commission is delivering EBSI in close collaboration with the member states through the European Blockchain Partnership, established in 2018 through the Connecting Europe Facility.¹³³⁶

In December 2019, the European Commission started an open market consultation in preparation of the European Blockchain Pre-Commercial Procurement that is looking for novel, improved blockchain solutions for the future evolution of the European Blockchain Service Infrastructure. Interested market parties are invited to participate in the open market consultation activities.¹³³⁷

In December 2019, 30 Recommendations on Regulation, Innovation and Finance were released by European Commission's Expert Group on Regulatory Obstacles to Financial Innovation. They cover all segments of the financial sector, all types of novel technologies, a wide range of business cases currently observed and all types of market players. They also span important policy areas, including the prevention of money laundering and terrorist financing, consumer protection, data sharing and use, and governance and operational resilience within the financial sector. Thus, our work has an extremely broad scope. The report explains that it is relevant to consider changes to the general regulatory framework (across multiple industry sectors), as well as the framework for the regulation of the financial services sector, which may require tailored responses in order to be able to realise the

¹³³⁵ Transforming the US Cyber Threat Partnership, Cybersecurity and Infrastructure Security Agency (Washington) 12 December 2019. Access Date: 17 May 2019. <https://www.cisa.gov/sites/default/files/publications/NIAC-Transforming-US-Cyber-Threat-PartnershipReport-FINAL-508.pdf>.

¹³³⁶ EU Blockchain Initiatives supporting financial transparency, European Commission (Brussels) 2 October 2019. Access date: 19 May 2020. <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/2019/10/09/EU+Blockchain+Initiatives+supporting+financial+transparency>

¹³³⁷ Blockchain Technologies, European Commission (Brussels). Access date: 19 May 2020. <https://ec.europa.eu/digital-single-market/en/blockchain-technologies>

potential of specific opportunities and to take account of specific regulatory concerns in an already highly regulated environment.¹³³⁸

On 2 December 2019, the Council of the EU adopted a first fundamental review of the functioning of the European system of financial supervision. The texts adopted review tasks, powers, governance, so as to adapt the authorities to the changed context in which they operate. The reform also includes provisions reinforcing the role of the EBA as regards risks posed to the financial sector by money laundering activities.¹³³⁹

On 19 December 2019, European Commission launched a consultation process on the topic “Financial services — improving resilience against cyberattacks (new rules).” Through this consultation, the Commission services aim to gather stakeholders’ views on the need for legislative improvements within the financial services acquis with a view to harmonise rules across the EU in a proportionate way to make the financial sector more secure and resilient while alleviating compliance and administrative burdens.¹³⁴⁰

The EU has taken actions for improvement of cyber resilience in finance in all three priority areas.

Thus, it receives a score of +1.

Analyst: Irina Popova

¹³³⁸ Expert Group on Regulatory Obstacles to Financial Innovation (ROFIEG): 30 Recommendations on Regulation, Innovation and Finance, European Commission (Brussels) December 2019. Access date: 19 May 2020. https://ec.europa.eu/info/sites/info/files/business_economy_euro/banking_and_finance/documents/191113-report-expert-group-regulatory-obstacles-financial-innovation_en.pdf

¹³³⁹ Financial supervision: Council adopts a review of the supervisory framework for financial institutions, Council of the European Union (Brussels) 2 December 2019. Access date: 19 May 2020. <https://www.consilium.europa.eu/en/press/press-releases/2019/12/02/financial-supervision-counciladopts-a-review-of-the-supervisory-framework-for-financial-institutions/>

¹³⁴⁰ Financial services — improving resilience against cyberattacks (new rules), European Commission (Brussels) 19 December 2019. Access date: 19 May 2020. <https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12090-Digital-Operational-Resilience-of-Financial-Services-DORFS-Act-/public-consultation>

9. Terrorism: Internet Security

“For us all to reap the rewards of digitalisation, we are committed to realising an open, free and secure internet.”

G20 2019 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia		0	
Brazil	-1		
Canada			+1
China		0	
France		0	
Germany		0	
India		0	
Indonesia	-1		
Italy		0	
Japan		0	
Korea			+1
Mexico	-1		
Russia		0	
Saudi Arabia		0	
South Africa		0	
Turkey	-1		
United Kingdom		0	
United States		0	
European Union		0	
Average		-0.10 (45%)	

Background

G20 members are fundamentally united against any form of terrorism or terrorist activity. The leaders believe that a concerted effort is necessary by governments to stop terrorism and terrorist activity. Before the Osaka Summit, the group had specifically dealt with issues concerning illegal financial activities that may support terrorist activities and terrorist financing.

At the first summit in 2008, in Washington DC, the G20 committed to addressing the fight against terrorism and declared that “national and regional authorities should implement national and international measures that protect the global financial system from uncooperative and non-transparent jurisdictions that pose risks of illicit financial activity.”¹³⁴¹

At the 2009 Pittsburgh Summit, the G20 also expressed its continued support for the Financial Action Task Force (FATF) and its significant work to deter terrorist financing.¹³⁴² The G20 called on the FATF to publish a list of high-risk jurisdictions in the fight against terrorist financing and money

¹³⁴¹ Declaration of the Summit on Financial Markets and the World Economy, G20 Information Centre (Toronto) 15 November 2008. Access Date: 18 November 2019. <http://www.g20.utoronto.ca/2008/2008declaration1115.html>.

¹³⁴² G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 18 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

laundering.¹³⁴³ The G20 also welcomed the expansion of the Global Forum on Transparency and Exchange of Information.¹³⁴⁴

At the 2015 Antalya Summit, the G20 reaffirmed its commitment to the fight against terrorism and all its forms, no matter where it occurs.¹³⁴⁵ The leaders also expressed their continued support for the FATF's work in the fight against terrorism.¹³⁴⁶ The G20 committed “to tackling the financing channels of terrorism, particularly by enhanced cooperation on exchange of information, freezing of terrorist assets, criminalization of terrorist financing, robust targeted financial sanctions regimes related to terrorism and terrorist financing, including through swift implementation of Financial Action Task Force (FATF) standards in all jurisdictions.”¹³⁴⁷

At the 2016 Hangzhou Summit, the G20 condemned terrorism in all forms. The leaders committed to “tackle all sources, techniques and channels of terrorist financing, including extortion, taxation, smuggling of natural resources, bank looting, looting of cultural property, external donation, and kidnapping for ransom.”¹³⁴⁸

Commitment Features

This commitment consists primarily of three features: 1) realize an open internet, 2) realize a free internet, and 3) realize a secure internet.

The realization of an open internet refers to actions dedicated to creating an accessible digital world free of illicit terrorist activities.¹³⁴⁹ Fundamentally, the G20 commits to creating a digital sphere where international and national laws are effectively enforced.¹³⁵⁰ In addition, they hope to foster an environment where digital platforms interact with one another and work together to effectively detect and prevent terrorist content from appearing on their sites.¹³⁵¹

The realization of a free internet refers to actions that foster a digital domain that reflects human rights, freedom of expression and access to information. In this regard, G20 members “commit to

¹³⁴³ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 18 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

¹³⁴⁴ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 18 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

¹³⁴⁵ G20 Leaders' Communiqué Antalya, G20 Information Centre (Toronto) 15 November 2015. Access Date: 22 January 2017. <http://www.g20.utoronto.ca/2015/151116-communique.html>

¹³⁴⁶ G20 Leaders' Communiqué Antalya, G20 Information Centre (Toronto) 15 November 2015. Access Date: 22 January 2017. <http://www.g20.utoronto.ca/2015/151116-communique.html>

¹³⁴⁷ G20 Leaders' Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 22 January 2017. <http://www.g20.utoronto.ca/2015/151116-communique.html>

¹³⁴⁸ G20 Leaders' Communiqué Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 28 October 2016. <http://www.g20.utoronto.ca/2016/160905-communique.html>

¹³⁴⁹ G20 Osaka Leaders' Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

¹³⁵⁰ G20 Osaka Leaders' Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

¹³⁵¹ G20 Osaka Leaders' Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

collaborate with states, international organizations, industry, and civil society in this endeavour” to achieve this goal.¹³⁵²

Furthermore, the G20 intends to urge online platforms to continue to prevent terrorist groups from gaining a presence in the digital world, in particular to prevent terrorist content from “being streamed, uploaded, or re-uploaded.”¹³⁵³

The realization of a secure internet refers to actions that help to locate and prevent terrorist content from appearing on the internet. The G20 views technological innovation as one of the most promising methods to succeed in this endeavour. It also recognizes the significance of the Global Internet Forum to Counter Terrorism (GIFCT) in responding to this issue. Nevertheless, the G20 believes that increased action through collaboration with “industry, media outlets, researchers and civil society” will strengthen the GIFCT’s effort and membership in helping to combat this issue. G20 members also commit to sharing domestic experience, while also collaborating on the international stage to effectively combat this issue.¹³⁵⁴

Thus, to earn a score of full compliance with this commitment, G20 members must take action in all three features: taking action to realize an open, free and secure internet. Partial compliance entails taking action in one or two of these three features. No compliance entails no action taken to realize an open, free or secure internet. Actions that realize an open internet include those that allow diverse groups to access the digital world efficiently and that prevent extremist content from circulating. For instance, policy initiatives that increase government capabilities to enforce digital infringements or that strengthen the ability of a certain demographic to better their access to the internet both count towards this action. Actions that realize a free internet include those that foster relationships between various organizations to promote human rights, freedom of expression and access to information in the digital realm. An example of such an action would involve a state establishing a relationship with leading organizations in the technology industry to increase people’s abilities in freely expressing themselves. Actions that realize a secure internet involve those that identify and block terrorist content from appearing on the web through technological innovations and partnerships. For example, policies that increase funding or establish new projects for technological endeavours that reduce the ability of terrorist organizations to spread propaganda would count towards this action.

Scoring Guidelines

-1	G20 member takes no action to realize any of the three features of an open OR free OR secure internet.
0	G20 member takes action to realize one or two of the three features of an open OR free OR secure internet.
+1	G20 member takes action to realize all three commitment features of an open AND free AND secure internet.

Compliance Director: Arshia Hassani

Lead Analyst: Vannie Kopalakrishnan

¹³⁵² G20 Osaka Leaders’ Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

¹³⁵³ G20 Osaka Leaders’ Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

¹³⁵⁴ G20 Osaka Leaders’ Statement on Preventing Exploitation of the Internet for Terrorism and Violent Extremism Conducive to Terrorism (VECT), G20 Information Centre (Toronto) 29 June 2019. Access Date: 18 November 2019. http://www.g20.utoronto.ca/2019/FINAL_G20_Statement_on_Preventing_Terrorist_and_VECT.pdf

Argentina: 0

Argentina has partially complied with its commitment to realize an open, free and secure internet.

On 18 July 2019, the Argentine government designated Hezbollah as a terrorist group and the Financial Information Unit of Argentina froze the assets of the group and of its identified members in the country.¹³⁵⁵

On 19 July 2019, Argentina hosted the Second Hemispheric Ministerial Conference for the Fight Against Terrorism.¹³⁵⁶ The 16 participating countries, including Argentina, “condemned terrorism in all its forms and manifestations” and pledged to increase international cooperation against “terrorists use of new technologies and electronic communication platforms to recruit or radicalize, spread terrorist material, and incite violence, while remaining committed to an open, free and secure internet.”¹³⁵⁷

On 19 July 2019, the Minister of Security of Argentina Patricia Bullrich asserted at the Second Hemispheric Ministerial Conference for the Fight Against Terrorism that the government is aware of the use of the “internet, social networks, the deep web and encrypted messaging” for terrorist purposes.¹³⁵⁸ She also assured that the government is working on the detection of potential terrorist cells in Argentina.¹³⁵⁹

On 30 July 2019, the Argentina representative at the United Nations identified the several challenges related to the use of communication technologies for criminal purposes and supported the resolution 73/187 entitled “Countering the use of information and communications technologies for criminal purposes” taken by the General Assembly of the United Nations during the same session.¹³⁶⁰

On 23 September 2019, Argentina announced its support for the Christchurch Call.¹³⁶¹ By being a signatory of the agreement, the Argentinian government commits to “redirect users from terrorist and violent extremist content,” “accelerate research into and development of technical solutions to prevent the upload of and to detect and immediately remove terrorist and violent extremist content online,” “support research and academic efforts to better understand, prevent and counter terrorist

¹³⁵⁵ Argentina brands Hezbollah terrorist organization, freezes assets, Reuters (London) 18 July 2019. Access Date: 20 March 2020. <https://www.reuters.com/article/us-argentina-hezbollah/argentina-brands-hezbollah-terrorist-organization-freezes-assets-idUSKCN1UD1XE>

¹³⁵⁶ Joint Communique: Second Hemispheric Ministerial Conference on the Fight Against Terrorism, US Department of State (Washington DC) 19 July 2019. Access Date: 20 March 2020. <https://www.state.gov/joint-communique-second-hemispheric-ministerial-conference-on-the-fight-against-terrorism/>

¹³⁵⁷ Joint Communique: Second Hemispheric Ministerial Conference on the Fight Against Terrorism, US Department of State (Washington DC) 19 July 2019. Access Date: 20 March 2020. <https://www.state.gov/joint-communique-second-hemispheric-ministerial-conference-on-the-fight-against-terrorism/>

¹³⁵⁸ Secretary of State Michael R. Pompeo at the Counterterrorism Ministerial Plenary, US Department of State (Washington DC) 19 July 2019. Access Date: 20 March 2020. <https://www.state.gov/secretary-of-state-michael-r-pompeo-at-the-counterterrorism-ministerial-plenary/>

¹³⁵⁹ Secretary of State Michael R. Pompeo at the Counterterrorism Ministerial Plenary, US Department of State (Washington DC) 19 July 2019. Access Date: 20 March 2020. <https://www.state.gov/secretary-of-state-michael-r-pompeo-at-the-counterterrorism-ministerial-plenary/>

¹³⁶⁰ Countering the use of information and communications technologies for criminal purposes, United Nations (New York) 30 July 2019. Access Date: 20 March 2020.

https://www.unodc.org/documents/Cybercrime/SG_report/V1908182_E.pdf

¹³⁶¹ Christchurch Call. New Zealand Ministry of Foreign Affairs and Trade (Wellington). Access Date: 20 March 2020. <https://www.christchurchcall.com/call.html>, <https://www.christchurchcall.com/supporters.html>

and violent extremist content online,” “investigating and prosecuting illegal online activity,” as well as to implement other measures designed to fight against the use of internet for terrorist purposes.¹³⁶²

On 3 October 2019, the Organization of American States (OAS), of which Argentina is a member, launched the Inter-American Network on Counterterrorism in order to enhance international cooperation between Latin American countries in the fight against terrorism on the continent.¹³⁶³

On 22 October 2019, the Argentina National Direction for Personal Data Protection abstained from the resolution on Social Media and Violent Extremist Content Online taken by the 41st International Conference of Data Protection and Privacy Commissioners, which emphasized the role played by social media in recent terrorist attacks and urged social media providers to take action against the use of their platforms for terrorist purposes.¹³⁶⁴

On 20 January 2020, the 19 participating countries of the Third Hemispheric Ministerial Conference to Combat Terrorism in Bogota, including Argentina, reiterated their pledge to “prevent, combat, counter and suppress Internet use, for terrorist purposes,” “while taking measures to maintain an open and free internet and a secure cyberspace, with full respect for privacy and freedom of expression.”¹³⁶⁵

Argentina has partially complied with this commitment by taking action to realise a secure internet such as in being a signatory to the Christchurch Call agreement which emphasizes the prevention of terrorist content from appearing on the internet. However, it has not taken action to realise an open and free internet.

Thus, Argentina receives a score of 0.

Analyst: Xavier Bornert

Australia: 0

Australia has partially complied with its commitment to realizing an open, free and secure internet by taking specific action to realize these commitments.

On 25 August 2019, Australian Prime Minister Scott Morrison announced that the Australian government had accepted some of the recommendations of the Taskforce to Combat Terrorist and Extreme Violent Material Online (the Taskforce). The Taskforce was established in March 2019 following the Christchurch terrorist attack in New Zealand.¹³⁶⁶ The Australian government accepted

¹³⁶² Christchurch Call. New Zealand Ministry of Foreign Affairs and Trade (Wellington). Access Date: 20 March 2020.

<https://www.christchurchcall.com/call.html>, <https://www.christchurchcall.com/supporters.html>

¹³⁶³ OAS and United States Sign Agreement to Create Inter-American Network on Counterterrorism. U.S. Mission to the Organization of American States (Washington) 3 October 2019. Access Date: 20 March 2020.

<https://usoas.usmission.gov/oas-and-united-states-sign-agreement-to-create-inter-american-network-on-counterterrorism/>

¹³⁶⁴ Resolution on Social Media and Violent Extremist Content Online. 41st International Conference of Data Protection and Privacy Commissioners (Tirana). 22 October 2019. Access Date: 20 March 2020.

https://edps.europa.eu/sites/edp/files/publication/draft-resolution-on-social-media-and-extremist-content-online-updated-with-abstentions-1_en.pdf

¹³⁶⁵ Third Hemispheric Ministerial Conference to Combat Terrorism — Joint Communiqué, Brazilian Ministry of Foreign Affairs (Brasilia) 20 January 2020. Access Date: 20 March 2020. <http://www.itamaraty.gov.br/en/press-releases/21235-third-hemispheric-ministerial-conference-to-combat-terrorism-joint-communique>

¹³⁶⁶ Halting the Spread of Terrorism and Extreme Violent Content Online, Prime Minister of Australia, (Canberra) 25 August 2019. Access Date: 15 May 2020. <https://www.pm.gov.au/media/halting-spread-terrorism-and-extreme-violent-content-online>

its recommendation to develop measures to block websites hosting harmful and extreme content.¹³⁶⁷ The Australian eSafety Commissioner will work with industry actors on options for introducing arrangements to quickly and effectively block access to domains hosting material from the Christchurch attack and from future similar events.¹³⁶⁸ The Australian government also accepted the Taskforce's recommendation to establish an updated crisis management framework that includes a protocol for managing terrorist and violent material posted online. The new protocol will include a 24/7 Crisis Coordination Centre to monitor and notify relevant agencies of online crisis events and provide the eSafety Commissioner with the information needed to undertake rapid assessments.¹³⁶⁹

On 10 December 2019, the fourth Foreign and Defence Ministers' meeting between Korea and Commonwealth of Australia was held in Sydney.¹³⁷⁰ The two sides agreed to strengthen cooperation in cybersecurity through the Republic of Korea-Australia Cyber Policy Dialogue and to respond to terrorism.¹³⁷¹

On 11 December 2019, the Australian Department of Communications (DOC) and the Arts began a consultation on its proposal to create a new Online Safety Act in order to reform and expand its existing patchwork of online safety laws.¹³⁷² The DOC also issued an Online Safety Charter, outlining expectations for industry to protect Australians from harmful online experiences. It is based on the premise that behaviour which would be unacceptable offline should not be tolerated or enabled online, and that internet service providers (ISPs) have a responsibility to respect the rights and dignity of users online and should address and prevent harms being incurred by those using their products or services.¹³⁷³

On 24 March 2020, the Australian Minister for Communications, Cyber Safety and the Arts announced the agreement of a new protocol between ISPs and the eSafety Commissioner, which positions ISPs to block websites hosting graphic material that depicts a terrorist act or violent crime, to stem the risk of its rapid spread as an online crisis event unfolds.¹³⁷⁴

On 22 April 2020, the Australian Signals Directorate, along with its counterpart in the United States, the National Security Agency, published a set of guidelines to help companies avoid a web shell

¹³⁶⁷ Halting the Spread of Terrorism and Extreme Violent Content Online, Prime Minister of Australia, (Canberra) 25 August 2019. Access Date: 15 May 2020. <https://www.pm.gov.au/media/halting-spread-terrorism-and-extreme-violent-content-online>

¹³⁶⁸ Govt to Develop Violent Content Blocking Framework, Technology Decisions, (Australia) 27 August 2019. Access Date: 15 May 2020. <https://www.technologydecisions.com.au/content/it-management/news/govt-to-develop-violent-content-blocking-framework-795172476>

¹³⁶⁹ Govt to Develop Violent Content Blocking Framework, Technology Decisions, (Melbourne) 27 August 2019. Access Date: 15 May 2020. <https://www.technologydecisions.com.au/content/it-management/news/govt-to-develop-violent-content-blocking-framework-795172476>

¹³⁷⁰ 4th ROK-Australia Foreign and Defense Ministers' 2+2 Meeting Takes Place, Ministry of Foreign Affairs (Seoul) 10 December 2019. Access Date: 19 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320887.

¹³⁷¹ 4th ROK-Australia Foreign and Defense Ministers' 2+2 Meeting Takes Place, Ministry of Foreign Affairs (Seoul) 10 December 2019. Access Date: 19 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320887.

¹³⁷² Australian Government Opens Consultation on New Online Safety Act, Baker McKenzie, (Melbourne) 7 January 2020. Access Date: 16 May 2020. <https://www.bakermckenzie.com/en/insight/publications/2020/01/australia-consultation-new-online-safety-act>

¹³⁷³ Australian Government Opens Consultation on New Online Safety Act, Baker McKenzie, (Melbourne) 7 January 2020. Access Date: 16 May 2020. <https://www.bakermckenzie.com/en/insight/publications/2020/01/australia-consultation-new-online-safety-act>

¹³⁷⁴ Government and Internet Providers Finalise Protocol to Block Terrorist and Graphic Violent Content, Minister for Communications, Cyber Safety and the Arts, (Canberra) 24 March 2020. Access Date: 16 May 2020. <https://minister.infrastructure.gov.au/fletcher/media-release/government-and-internet-providers-finalise-protocol-block-terrorist-and-graphic-violent-content>

exploits: a common cyber-attack that gives an attacker remote access to a system and lets them execute functions on a victim's web server.¹³⁷⁵ The guidelines address several layers of defence, and also advises internet users to watch for uncommon activity such as running network enumeration commands that have no place in most legitimate web apps.¹³⁷⁶

Through a series of policy initiatives that aim to increase the state's technological capabilities of securing the internet while also establishing programs that ensure the protection of one's rights and freedoms online, Australia has partially complied with its commitment to realise an open, free and secure internet. It has not taken action to realise an open internet that increase accessibility to diverse populations.

Thus, Australia receives a score of 0.

Analyst: Dan Polivoda

Brazil: -1

Brazil has not complied with its commitment toward an open, free and secure internet.

On 6 January 2020, Artur Coimbra, Broadband Director of Brazil's Ministry of Science, Technology, Innovation and Communication, announced new measures to facilitate private projects in telecommunications.¹³⁷⁷ He proposed three key policies of reducing bureaucracy and facilitating approbation of projects with support from state company Anatel and supervision from the ministry.¹³⁷⁸

Brazil has not taken action to realise an open, free and secure internet.

Thus, Brazil receives a score of -1.

Analyst: Raphaël Colombier

Canada: +1

Canada has fully complied with its commitment to realize an open, free and secure internet.

On 26 June 2019, Public Safety Canada (PSC) announced that it is providing CAD1,000,000 to Tech Against Terrorism which aims to help smaller technology companies in spotting and removing terrorist content when detected.¹³⁷⁹

On 26 June 2019, PSC announced its commitment to empower young leaders to help shape the internet landscape by collaborating with the Youth Summit on Countering Violent Extremism

¹³⁷⁵ Web Shell Warning Issued by US and Australia, Naked Security, (Abingdon) 27 April 2020. Access Date: 15 May 2020. <https://nakedsecurity.sophos.com/2020/04/27/web-shell-warning-issued-by-us-and-australia/>

¹³⁷⁶ Web Shell Warning Issued by US and Australia, Naked Security, (Abingdon) 27 April 2020. Access Date: 15 May 2020. <https://nakedsecurity.sophos.com/2020/04/27/web-shell-warning-issued-by-us-and-australia/>

¹³⁷⁷ MCTIC propoe menos burocracia e mais fiscalizacao para debentures incentivadas, Telesinte (Brazilia, Brazil) 6 January 2020. Access Date: 24 March 2020. <http://www.telesintese.com.br/mctic-propoe-menos-burocracia-e-mais-fiscalizacao-para-debentures-incentivadas/>

¹³⁷⁸ MCTIC propoe menos burocracia e mais fiscalizacao para debentures incentivadas, Telesinte (Brazilia, Brazil) 6 January 2020. Access Date: 24 March 2020. <http://www.telesintese.com.br/mctic-propoe-menos-burocracia-e-mais-fiscalizacao-para-debentures-incentivadas/>

¹³⁷⁹ Government of Canada Announces Initiatives to Address Violent Extremist and Terrorist Content Online, Public Safety Canada (Ottawa) 26 June 2019. Access Date: 1 February 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/06/government-of-canada-announces-initiatives-to-address-violent-extremist-and-terrorist-content-online.html?fbclid=IwAR0Ae2aeY0MF4lMGp4Y6TCpKnRttLxLxdNkPmzaJ4lmHviW6qfdSIXp-qrQ>

Online.¹³⁸⁰ This will be done in collaboration with technology companies including Twitter, Facebook, Microsoft and Google which allow for cooperation between the government, civil society and private actors.¹³⁸¹

On 21 August 2019, PSC announced that it will be investing CAD304,253 over three years to the Centre of Expertise and Training on Religious Fundamentalism, Political Ideologies and Radicalization to research far-right extremism in Quebec.¹³⁸² The main focus will be on media research and interviews with experts and activists.¹³⁸³

On 10 March 2020, PSC published their Departmental Plan for 2020-2021 and reinforced their commitment to the Christchurch call as well as the Global Internet Forum to Counter Terrorism (GIFCT).¹³⁸⁴ These plans are outlined as priorities that the department wishes to accomplish under the broader role of their public safety goals.¹³⁸⁵

On 13 March 2020, PSC formed the National Expert Committee on Countering Radicalization to Violence.¹³⁸⁶ This committee is made up of experts in the fields of academia, civil society, public policy and extremism experts where their main goal is to oversee and aid in the implementation of the National Strategy on Countering Radicalization to Violence.¹³⁸⁷ The committee's role will be to ensure that the strategy is implemented to meet its three goals of building, sharing and using knowledge to reinforce a free, open and secure internet.¹³⁸⁸

The Government of Canada has announced policies and funding to meet its prior commitments to both the Christchurch Call and to the GIFCT to help the international push against online extremism. In addition, the government has also engaged with both private and civil society groups to better encompass a diverse group of actors to help in preventing the spread of online extremism. Lastly, the government made progress within its own domestic policy to fight online extremism through the formation of the National Expert Committee that oversees the national strategy.

¹³⁸⁰ Government of Canada Announces Initiatives to Address Violent Extremist and Terrorist Content Online, Public Safety Canada (Ottawa) 26 June 2019. Access Date: 1 February 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/06/government-of-canada-announces-initiatives-to-address-violent-extremist-and-terrorist-content-online.html?fbclid=IwAR0Ae2aeY0MF4IMGp4Y6TCpKnRttLxDNkPmzaJ4lmHviW6qfdSIXp-qrQ>

¹³⁸¹ Government of Canada Announces Initiatives to Address Violent Extremist and Terrorist Content Online, Public Safety Canada (Ottawa) 26 June 2019. Access Date: 1 February 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/06/government-of-canada-announces-initiatives-to-address-violent-extremist-and-terrorist-content-online.html?fbclid=IwAR0Ae2aeY0MF4IMGp4Y6TCpKnRttLxDNkPmzaJ4lmHviW6qfdSIXp-qrQ>

¹³⁸² Government of Canada Funds Research into Far-Right Extremism in Quebec, Public Safety Canada (Ottawa) 21 August 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/08/government-of-canada-funds-research-into-far-right-extremism-in-quebec.html>

¹³⁸³ Government of Canada Funds Research into Far-Right Extremism in Quebec, Public Safety Canada (Ottawa) 21 August 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/public-safety-canada/news/2019/08/government-of-canada-funds-research-into-far-right-extremism-in-quebec.html>

¹³⁸⁴ Departmental Plan 2020-2021: Building a Safe and Reliant Canada, Public Safety Canada (Ottawa) 10 March 2020. Access Date: 15 March 2020. <https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/dprtmntl-pln-2020-21/index-en.aspx>

¹³⁸⁵ Departmental Plan 2020-2021: Building a Safe and Reliant Canada, Public Safety Canada (Ottawa) 10 March 2020. Access Date: 15 March 2020. <https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/dprtmntl-pln-2020-21/index-en.aspx>

¹³⁸⁶ National Expert Committee on Countering Radicalization to Violence, Public Safety Canada (Ottawa) 13 March 2020. Access Date: 15 March 2020. <https://www.publicsafety.gc.ca/cnt/bt/cc/ntnl-xprt-cmmtt-en.aspx>

¹³⁸⁷ National Expert Committee on Countering Radicalization to Violence, Public Safety Canada (Ottawa) 13 March 2020. Access Date: 15 March 2020. <https://www.publicsafety.gc.ca/cnt/bt/cc/ntnl-xprt-cmmtt-en.aspx>

¹³⁸⁸ National Expert Committee on Countering Radicalization to Violence, Public Safety Canada (Ottawa) 13 March 2020. Access Date: 15 March 2020. <https://www.publicsafety.gc.ca/cnt/bt/cc/ntnl-xprt-cmmtt-en.aspx>

Thus, Canada receives a score of +1.

Analyst: Khurram Shamim

China: 0

China has partially complied with its commitment to realizing a free, open and secure internet through various policy initiatives.

On 13 June 2019, the new Draft Measures on Security Assessment of the Cross-Border Transfer of Personal Information were issued.¹³⁸⁹ The regulation aims to monitor cross-border transfer that could present a risk to national security, damage public interest or provide inadequate protection for the personal information.¹³⁹⁰

On 11 July 2019, Vice President of China Academy of Information and Communications Technology Li Yong announced the 2019 China Internet Conference.¹³⁹¹ The conference promised to offer a bottom-up, participatory, open, transparent and inclusive platform where government, business, tech-community, civil society and all stakeholders.¹³⁹²

On 26 October 2019, the National People's Congress released the Encryption Law of the People's Republic of China to safeguard China's national security and public interests.¹³⁹³ The law encourages "technological cooperation on commercial cryptography to be conducted in the course of foreign investment and on the basis of the voluntariness principle and business rules" and exposes activities that "engage in illegal activities such as endangering national security, the societal public interest, or the lawful rights and interests of others."¹³⁹⁴

On 18 November 2019, the Ministry of Foreign Affairs held the 4th Republic of Korea-Japan-People's Republic of China Cyber Policy Consultation in Beijing to discuss and enhance regional cybersecurity cooperation.¹³⁹⁵ There was a shared understanding that discussions regarding cybersecurity norms at the United Nations are essential to creating a safe cyberspace and explored ways to cooperate on joint response to cybercrimes among law enforcement agencies.¹³⁹⁶

¹³⁸⁹ New Draft Rules on Cross-Border Transfer of Personal Information Out of China. New America (Washington) 13 June 2019. Access Date: 27 January 2020. <https://www.newamerica.org/cybersecurity-initiative/digichina/blog/translation-new-draft-rules-cross-border-transfer-personal-information-out-china/>

¹³⁹⁰ New Draft Rules on Cross-Border Transfer of Personal Information Out of China. New America (Washington) 13 June 2019. Access Date: 27 January 2020. <https://www.newamerica.org/cybersecurity-initiative/digichina/blog/translation-new-draft-rules-cross-border-transfer-personal-information-out-china/>

¹³⁹¹ China IGF Initiative Announced during the 2019 China Internet Conference. IGF China (Beijing). 11 July 2019. Access Date: 27 January 2020. http://igfchina.caict.ac.cn/english/global/201908/t20190802_2599878.html.

¹³⁹² China IGF Initiative Announced during the 2019 China Internet Conference. IGF China (Beijing). 11 July 2019. Access Date: 27 January 2020. http://igfchina.caict.ac.cn/english/global/201908/t20190802_2599878.html.

¹³⁹³ China's New Draft Encryption Law. 4 September 2019. Access Date: 1 June 2019. <https://www.jdsupra.com/legalnews/china-s-new-draft-encryption-law-52672/>

¹³⁹⁴ Cryptography Law of the P.R.C. 27 October 2019. Unofficial translation. https://www.chinalawtranslate.com/en/cryptography-law/#_Toc23080195

¹³⁹⁵ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

¹³⁹⁶ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

On 28 November 2019, the Cybersecurity Administration of China issued new regulations for online information, specifying requirements for online information producers.¹³⁹⁷ The regulations aim to establish a clean and reliable internet ecosystem, prohibiting illegal activities including terrorism.¹³⁹⁸

On 12 December 2019, China, as a member of the Shanghai Cooperation Organization (SCO), held a joint drill on combating cyber-terrorism in Xiamen, China.¹³⁹⁹ During the drill, each SCO member state participated in a online terrorist propaganda exercise, which indicated SCO's "determination to crackdown online terror activities and safeguard regional security and stability."¹⁴⁰⁰ Liu Yuejin, a senior anti-terrorism official at China's Ministry of Public Security, pledged that China would further enhance cooperation with the SCO members to enhance law enforcement and security.¹⁴⁰¹

On 1 January 2020, China adopted a national law on cryptography that aims to secure cyberspace and information regulation, specifying core and common cryptography for encrypted protection and security verification.¹⁴⁰² The goal is to protect the state security from encrypted information.¹⁴⁰³

On 27 April 2020, the Cyberspace Administration of China released a final version of the measures on cybersecurity review, regulating the safety of online products and content.¹⁴⁰⁴ The new regulations "oblige critical information infrastructure operators to carry out a self-assessment of the national security risks in connection with their online products and services, and to report where any risks are identified."¹⁴⁰⁵ Online operators are required to identify and report any content that poses threat to national security.¹⁴⁰⁶

China has partially complied with this commitment by taking national action and establishing partnerships that aim to realise a free and secure internet. However, it has not taken action to realise an open internet that increases accessibility to diverse populations.

Thus, China receives a score of 0.

Analyst: Scarlett Lin

¹³⁹⁷ CAC and other ministries provide guidance on illegal collection and use of personal information by Apps. Practical Law China (Toronto). 13 January 2020. Access Date: 27 Jan 2020. [https://ca.practicallaw.thomsonreuters.com/w-023-5835?originationContext=document&transitionType=DocumentItem&contextData=\(sc.Default\)](https://ca.practicallaw.thomsonreuters.com/w-023-5835?originationContext=document&transitionType=DocumentItem&contextData=(sc.Default))

¹³⁹⁸ China Cybersecurity and Data Protection: Monthly Update — January 2020 Issue. Herbert Smith Freehills 13 January 2020 (Beijing) 13 Jan 2020. Access Date: 27 Jan 2020. [https://sitesherbertsmithfreehills.vutrevx.com/95/21584/compose-email/china-cybersecurity-and-data-protection--monthly-update--january-2020-issue\(en\).aspx#five](https://sitesherbertsmithfreehills.vutrevx.com/95/21584/compose-email/china-cybersecurity-and-data-protection--monthly-update--january-2020-issue(en).aspx#five)

¹³⁹⁹ SCO anti-cyber-terrorism drill held in China. Xinhua Net (Beijing) 12 December 2020. Access Date: 5 June 2020. http://www.xinhuanet.com/english/2019-12/12/c_138626263.htm

¹⁴⁰⁰ SCO carries out online anti-terrorism drill. Global Times (Beijing) 12 December 2020. Access Date: 5 June 2020. <https://www.globaltimes.cn/content/1173369.shtml>

¹⁴⁰¹ SCO carries out online anti-terrorism drill. Global Times (Beijing) 12 December 2020. Access Date: 5 June 2020. <https://www.globaltimes.cn/content/1173369.shtml>

¹⁴⁰² China Focus: China adopts law on cryptography. Xinhua Net (Beijing) 26 October 2019. Access Date: 16 January 2020. http://www.xinhuanet.com/english/2019-10/26/c_138505655.html

¹⁴⁰³ China Focus: China adopts law on cryptography. Xinhua Net (Beijing) 26 October 2019. Access Date: 16 January 2020. http://www.xinhuanet.com/english/2019-10/26/c_138505655.html

¹⁴⁰⁴ Cybersecurity Review. Cyberspace Administration of China (Beijing) 27 April 2020. Access Date: 1 Jun 2020 http://www.cac.gov.cn/2020-04/27/c_1589535450769077.htm

¹⁴⁰⁵ China Cybersecurity and Data Protection: Monthly Update — May 2020 Issue. Herbert Smith Freehills LLP (Beijing) 25 May 2020. Access Date: 1 Jun 2020. <https://www.lexology.com/library/detail.aspx?g=304cca9e-fdb1-447c-89aa-6ff8f028e1da>

¹⁴⁰⁶ Cybersecurity Review. Cyberspace Administration of China (Beijing) 27 April 2020. Access Date: 1 June 2020 http://www.cac.gov.cn/2020-04/27/c_1589535450769077.htm

France: 0

France has partially complied with its commitment to realizing a free, open and secure internet.

On 9 July 2019, the French National Assembly passed the Loi Avia designed to combat hate speech on the internet by identifying and punishing the author and social media companies who do not remove such content from their platforms within 24 hours.¹⁴⁰⁷

On 28 February 2020, India hosted the 14th Meeting of India-France Joint Working Group on Counter Terrorism.¹⁴⁰⁸ The Joint Secretary for Counter Terrorism of the Ministry of External Affairs of India and the French delegation “condemned terrorism in all its forms” and committed to “prevent the use of internet for terrorist purposes.”¹⁴⁰⁹

France has partially complied with this commitment by realising a free and secure internet. Through the Loi Avia, France is increasing digital security by prohibiting terrorist and extremist content from appearing online, and the law also protects fundamental human rights and freedoms. However, it has not taken action to realise an open internet.

Thus, France receives a score of 0.

Analyst: Raphaël Colombier

Germany: 0

Germany has partially complied with its commitment to realizing an open, free and secure internet.

On 24 September 2019, Germany announced that it will provide the Office for the Protection of the Constitution with 300 additional jobs in order to combat terrorism.¹⁴¹⁰ The 300 additional jobs will entail the identification of terrorist cells and individual perpetrators, with social media platforms and the internet being monitored more closely to identify radicalization of extremists.¹⁴¹¹

On 17 October 2019, Federal Minister Horst Seehofer announced that the government would be taking “appropriate preventative measures” and plans to tighten laws on hate speech on the internet.¹⁴¹² The government plans to work with specialists and representatives of the Jewish community on this initiative.¹⁴¹³

¹⁴⁰⁷ PROPOSITION DE LOI visant à lutter contre la haine sur internet, Assemblée Nationale (Paris) 9 July 2019. Access Date: 29 January 2020. <http://www.assemblee-nationale.fr/15/propositions/pion1785.asp>

¹⁴⁰⁸ India-France Joint Working Group on Counter Terrorism, French Embassy in New Delhi (New Delhi) 28 February 2020. Access Date: 21 March 2020. https://in.ambafrance.org/India-France-Joint-Working-Group-on-Counter-Terrorism?fbclid=IwAR3uPacqBfQQ9FctqJlSR70HxNY_nB4D6KecVpRFJEnZzMPRigpayDKsnBU

¹⁴⁰⁹ India-France Joint Working Group on Counter Terrorism, French Embassy in New Delhi (New Delhi) 28 February 2020. Access Date: 21 March 2020. https://in.ambafrance.org/India-France-Joint-Working-Group-on-Counter-Terrorism?fbclid=IwAR3uPacqBfQQ9FctqJlSR70HxNY_nB4D6KecVpRFJEnZzMPRigpayDKsnBU

¹⁴¹⁰ Bundesregierung will Verfassungsschutz massiv aufstocken, Spiegel Online (Cologne) 24 September 2019. Access Date: 19 March 2020. <https://www.spiegel.de/politik/deutschland/horst-seehofer-will-verfassungsschutz-massiv-aufstocken-regierungsplaene-a-1288364.html>

¹⁴¹¹ Germany to create 300 jobs to combat right-wing extremism, The Local (Berlin) 24 September 2019. Access Date: 19 March 2020. <https://www.thelocal.de/20190924/germany-to-create-300-jobs-to-fight-right-wing-extremism>

¹⁴¹² Minister calls for better protection of Jewish institutions in Germany, Xinhuanet (Berlin) 17 October 2019. Access Date: 20 March 2020. http://www.xinhuanet.com/english/2019-10/17/c_138480221.htm

¹⁴¹³ Better protection for Jewish Life in Germany, Federal Ministry of the Interior (Berlin) 17 October 2019. Access Date: 20 March 2020. <https://www.bmi.bund.de/SharedDocs/kurzmeldungen/EN/2019/10/better-protection-jewish-life.html>

On 26 October 2019, Minister Seehofer met with the G7 interior ministers.¹⁴¹⁴ Seehofer discussed the threat of right-wing extremism and the need of preventive measures to mitigate threats on the internet.¹⁴¹⁵

On 30 October 2019, the German government unveiled new measures to combat right-wing extremism and hate crimes on the internet.¹⁴¹⁶ The new measures will oblige online service providers such as Facebook, YouTube and Twitter to report hate speech to German authorities and also pass on the IP addresses of conspicuous users.¹⁴¹⁷ The new measures will crackdown on illegal content such as death threats or incitement of hatred on their platforms.¹⁴¹⁸

On 1 November 2019, during the fifth German-Indian government consultations in New Delhi, Germany and India announced that they will be strengthening their bilateral and multilateral cooperation to combat terrorism and extremism.¹⁴¹⁹ In a joint statement, Prime Minister Modi and Chancellor Angela Merkel emphasized strengthening counter-terrorism cooperation and working towards rooting out terrorist safe havens, infrastructure and disrupting networks and financing channels.¹⁴²⁰

On 14 November 2019, the German parliament passed a raft of anti-money laundering measures to prevent the illegal financing of terrorist and criminal networks.¹⁴²¹ The reform packet imposes stricter regulations on real estate agents, notaries, precious metals dealers and auction houses to declare transactions.¹⁴²²

Through its efforts in legislating measures that prevent terrorist and extremist activity on the internet, and by establishing partnerships with the international community, other G20 members and private technology companies to combat hate speech, Germany has partially complied with this commitment by taking action to realise a free and secure internet. However, it has not taken action to realise an open internet.

Thus, Germany receives a score of 0.

Analyst: Sebastian Vecerina

¹⁴¹⁴ G6 interior ministers meet in Munich, Federal Ministry of the Interior (Munich) 29 October 2019. Access Date: 20 March 2020. <https://www.bmi.bund.de/SharedDocs/kurzmeldungen/EN/2019/10/g6-innenministertreffen-en.html>

¹⁴¹⁵ G6 interior ministers meet in Munich, Federal Ministry of the Interior (Munich) 29 October 2019. Access Date: 20 March 2020. <https://www.bmi.bund.de/SharedDocs/kurzmeldungen/EN/2019/10/g6-innenministertreffen-en.html>

¹⁴¹⁶ Germany unveils new measures to combat far-right, Anadolu Agency (Berlin) 30 October 2019. Access Date: 17 March 2020. <https://www.aa.com.tr/en/europe/germany-unveils-new-measures-to-combat-far-right/1631080>

¹⁴¹⁷ Germany announces plans to combat far-right extremism and online hate speech, Deutsche Welle (Berlin) 30 October 2019. Access Date: 17 March 2020. <https://www.dw.com/en/germany-announces-plans-to-combat-far-right-extremism-and-online-hate-speech/a-51049129>

¹⁴¹⁸ Germany to tighten hate speech law to fight far-right violence, Politico (Berlin) 30 October 2019. Access Date: 17 March 2020. <https://www.politico.eu/article/germany-to-tighten-hate-speech-law-to-fight-far-right-violence/>

¹⁴¹⁹ India, Germany to intensify cooperation in combating terror: PM, Rediff.com (New Delhi) 1 November 2019. Access Date: 18 March 2020. <https://www.rediff.com/news/report/pix-germanys-angela-merkel-in-india-day-1/20191101.htm>

¹⁴²⁰ PM Modi, German Chancellor Angela Merkel vow joint fight against terror, India Today (New Delhi) 2 November 2019. Access Date: 18 March 2020. <https://www.indiatoday.in/mail-today/story/pm-modi-german-chancellor-angela-merkel-vow-joint-fight-on-terror-1614965-2019-11-02>

¹⁴²¹ German Parliament passes anti-money-laundering laws, Deutsche Welle (Berlin) 15 November 2019. Access Date: 18 March 2020. <https://www.dw.com/en/german-parliament-passes-anti-money-laundering-laws/a-51260043>

¹⁴²² German Parliament passes anti-money-laundering laws, Deutsche Welle (Berlin) 15 November 2019. Access Date: 18 March 2020. <https://www.dw.com/en/german-parliament-passes-anti-money-laundering-laws/a-51260043>

India: 0

India has partially complied with its commitment to realize an open, free and secure internet.

On 4 August 2019, Indian authorities cut the internet connection in the autonomous region of Kashmir, among other measures designed to regain control of this disputed territory where unrests were likely to break out.¹⁴²³ The Indian government shut down the internet 95 times in 2019.¹⁴²⁴

On 8 August 2019, during an address to the nation, Prime Minister Narendra Modi “appealed to those who are associated with technology to give priority in their policies and their decisions as to how to disseminate technology in Jammu and Kashmir.”¹⁴²⁵ He stressed the importance of the strengthening of digital communications in these regions.¹⁴²⁶

On 19 September 2019, the Federal Information and Technology Minister said that the internet “must be safe and secure.”¹⁴²⁷ He added that “it must safeguard the privacy rights of the individual and you must make extra efforts that people don’t abuse the system.”¹⁴²⁸

On 30 October 2019, the Minister of State for the Development of North Eastern Region said that the internet blackout in Jammu and Kashmir has enabled the elimination of several terrorists and prevented several terror incidents.¹⁴²⁹

On 30 October 2019, Indian Secretary of External Affairs Vijay Thakur Singh and Russian Deputy Foreign Minister Oleg Syromolotov met for the 11th meeting of the India-Russia joint working group on counter terrorism in New Delhi.¹⁴³⁰ Both sides deliberated upon measures to further strengthen and deepen counterterrorism cooperation and both agreed on united efforts to fight terrorism and terrorism financing at multilateral forums.¹⁴³¹

On 1 November 2019, during the fifth German-Indian government consultations in New Delhi, Germany and India announced that they will be strengthening their bilateral and multilateral cooperation to combat terrorism and extremism.¹⁴³² In a joint statement, Prime Minister Modi and Chancellor Angela Merkel emphasized strengthening counter-terrorism cooperation and working

¹⁴²³ India Revokes Kashmir's Special Status, Raising Fears of Unrest, The New York Times (New York) 5 August 2019.

Access Date: 21 March 2020. <https://www.nytimes.com/2019/08/05/world/asia/india-pakistan-kashmir-jammu.html>

¹⁴²⁴ Why India shuts down the internet more than any other democracy, BBC News (London) 19 December 2019.

Access Date: 21 March 2020. <https://www.bbc.com/news/world-asia-india-50819905>

¹⁴²⁵ PM's address to the Nation, PM India (New Delhi) 8 August 2019. Access Date: 21 March 2020.

https://www.pmindia.gov.in/en/news_updates/pms-address-to-the-nation-2/?comment=disable

¹⁴²⁶ PM's address to the Nation, PM India (New Delhi), 8 August 2019. Access Date: 21 March 2020.

https://www.pmindia.gov.in/en/news_updates/pms-address-to-the-nation-2/?comment=disable

¹⁴²⁷ India tells tech firms to protect user privacy, prevent abuse, Reuters (New Delhi) 19 September 2019. Access Date: 21 March 2020. <https://fr.reuters.com/article/idUSKBN1W41S3>

¹⁴²⁸ India tells tech firms to protect user privacy, prevent abuse, Reuters (New Delhi) 19 September 2019. Access Date: 21 March 2020. <https://fr.reuters.com/article/idUSKBN1W41S3>

¹⁴²⁹ Internet suspension averted major terror attacks in J&K: Union Minister Jitendra Singh, India Today (New Delhi) 30 October 2019. Access Date: 21 March 2020. <https://www.indiatoday.in/india/story/internet-suspension-averted-major-terror-incidents-in-j-k-union-minister-jitendra-singh-1613925-2019-10-30>

¹⁴³⁰ Joint Press Statement: India-Russia High Level Consultations on Counter Terrorism, Ministry of External Affairs (New Delhi) 30 October 2019. Access Date: 20 March 2020. <https://www.meaindia.gov.in/bilateral-documents.htm?dtl/31986/joint+press+statement+indiarussia+high+level+consultations+on+counter+terrorism>

¹⁴³¹ Press release on the 11th meeting of the India-Russia Joint Working Group on Counter Terrorism, Ministry of Foreign Affairs Russia (New Delhi) 30 October 2019. Access Date: 20 March 2020.

https://www.mid.ru/en/web/guest/maps/in/-/asset_publisher/Epj5G4lcymvb/content/id/3879023

¹⁴³² India, Germany to intensify cooperation in combating terror: PM, Rediff.com (New Delhi) 1 November 2019. Access Date: 18 March 2020. <https://www.rediff.com/news/report/pix-germanys-angela-merkel-in-india-day-1/20191101.htm>

towards rooting out terrorist safe havens, infrastructure and disrupting networks and financing channels.¹⁴³³

On 8 November 2019, the Union Minister of State for Home Affairs of India participated in the 2019 “No Money for Terror” Ministerial Conference on Counter-Terrorism Financing.¹⁴³⁴ The 65 delegations of the conference, including India, “reaffirmed support for international efforts to prevent terrorist and violent extremist exploitation of the Internet, including through the Christchurch Call to Action,”¹⁴³⁵ and “recognised the need to identify emerging risks from new technology platforms.”¹⁴³⁶

On 12 November 2019, the Foreign Minister of India said at the Paris Peace Forum that India is “concerned about the threats from the cyberspace” and suggested a global regulation of the cyberspace “in order that the cyberspace remains open, safe and secure.”¹⁴³⁷ He said that the states are responsible for their national cyber security as well as for the data security of their citizens.¹⁴³⁸

On 26 November 2019, the Joint Secretary on Counter Terrorism of the Ministry of External Affairs of India reaffirmed the opposition of his country to all forms of terrorism, including against “the online threat of radicalisation,” as part of the 13th meeting of the India-UK Joint Working Group on Counter Terrorism in London.¹⁴³⁹

On 30 November 2019, the Japanese Foreign Minister and the Minister of Defence took part in a ministerial dialogue with India to discuss the threats posed to regional peace by terror networks operating from Pakistan.¹⁴⁴⁰ The Japanese members, along with their Indian counterparts, called upon Pakistan to “take resolute and irreversible action against [terror networks] and fully comply

¹⁴³³ PM Modi, German Chancellor Angela Merkel vow joint fight against terror, India Today (New Delhi) 2 November 2019. Access Date: 18 March 2020. <https://www.indiatoday.in/mail-today/story/pm-modi-german-chancellor-angela-merkel-vow-joint-fight-on-terror-1614965-2019-11-02>

¹⁴³⁴ Chair’s Statement, 2019 ‘No Money for Terror’ Ministerial Conference on Counter-Terrorism Financing, Department of Home Affairs of Australia (Canberra) 8 November 2019. Access Date: 21 March 2020. <https://www.homeaffairs.gov.au/about-us/our-portfolios/criminal-justice/crime-prevention/anti-money-laundering-counter-terrorism-financing/ministerial-conference-statement-20191107>

¹⁴³⁵ Chair’s Statement, 2019 ‘No Money for Terror’ Ministerial Conference on Counter-Terrorism Financing, Department of Home Affairs of Australia (Canberra) 8 November 2019. Access Date: 21 March 2020. <https://www.homeaffairs.gov.au/about-us/our-portfolios/criminal-justice/crime-prevention/anti-money-laundering-counter-terrorism-financing/ministerial-conference-statement-20191107>

¹⁴³⁶ Chair’s Statement, 2019 ‘No Money for Terror’ Ministerial Conference on Counter-Terrorism Financing, Department of Home Affairs of Australia (Canberra) 8 November 2019. Access Date: 21 March 2020. <https://www.homeaffairs.gov.au/about-us/our-portfolios/criminal-justice/crime-prevention/anti-money-laundering-counter-terrorism-financing/ministerial-conference-statement-20191107>

¹⁴³⁷ India suggests a global regulation for open, safe and secure cyberspace, The Economic Times (Mumbai) 12 November 2019. Access Date: 21 March 2020. <https://economictimes.indiatimes.com/tech/internet/india-suggests-a-global-regulation-for-open-safe-and-secure-cyberspace/articleshow/72027153.cms>

¹⁴³⁸ India suggests a global regulation for open, safe and secure cyberspace, The Economic Times (Mumbai) 12 November 2019. Access Date: 21 March 2020. <https://economictimes.indiatimes.com/tech/internet/india-suggests-a-global-regulation-for-open-safe-and-secure-cyberspace/articleshow/72027153.cms>

¹⁴³⁹ 13th meeting of India-UK Joint Working Group on Counter Terrorism, Ministry of External Affairs of India (New Delhi) 28 November 2019. Access Date: 21 March 2020. <https://mea.gov.in/press-releases.htm?dtl/32133/13th+meeting+of+IndiaUK+Joint+Working+Group+on+Counter+Terrorism>

¹⁴⁴⁰ India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times, (Mumbai) 30 November 2019. Access date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

with international commitments”¹⁴⁴¹ including the steps prescribed by the Financial Action Task Force, the global anti-terror watchdog.¹⁴⁴²

On 21 December 2019, Indian authorities suspended internet and phone services “in areas of New Delhi, in the eastern state of West Bengal, the northern city of Aligarh and the entire state of Assam,”¹⁴⁴³ where protests against a new citizenship law were likely to break out.¹⁴⁴⁴

On 14 February 2020, India’s government restored slow-speed internet (2G connection) in the regions of Kashmir and Jammu only for government-approved websites.¹⁴⁴⁵ Social media platforms remain blocked.¹⁴⁴⁶

On 28 February 2020, India hosted the 14th Meeting of India-France Joint Working Group on Counter Terrorism.¹⁴⁴⁷ The Joint Secretary for Counter Terrorism of the Ministry of External Affairs of India and the French delegation “condemned terrorism in all its forms” and committed to “prevent the use of internet for terrorist purposes.”¹⁴⁴⁸

India has partially complied with this commitment by taking action to realise a secure internet through their bilateral agreement with Germany. However, India has not taken action to realise an open and free internet.

Thus, India receives a score of 0.

Analyst: Xavier Bornert

Indonesia: -1

Indonesia has not complied with its commitment to unite against all forms of terrorism and terrorist activity.

On 12 November 2019, Deputy Secretary General of the European External Action Service Jean-Christophe Belliard and Ambassador of Indonesia to the European Union Yuri Thamrin discussed a

¹⁴⁴¹ India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times, (Mumbai) 30 November 2019. Access date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

¹⁴⁴² India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times, (Mumbai) 30 November 2019. Access date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

¹⁴⁴³ India suspends internet and phone services to quell protests, Associated Press (New Delhi) 21 December 2019. Access Date: 21 March 2020. <https://apnews.com/643423717f6494718e449dac441c3db9>

¹⁴⁴⁴ India suspends internet and phone services to quell protests, Associated Press (New Delhi) 21 December 2019. Access Date: 21 March 2020. <https://apnews.com/643423717f6494718e449dac441c3db9>

¹⁴⁴⁵ India keeps lid on Kashmir's internet 6 months into lockdown, Associated Press (New Delhi), 14 February 2020. Access Date: 21 March 2020. <https://apnews.com/6c9f105f899caddee6c22e567057a4fd4>.

¹⁴⁴⁶ India keeps lid on Kashmir's internet 6 months into lockdown, Associated Press (New Delhi), 14 February 2020. Access Date: 21 March 2020. <https://apnews.com/6c9f105f899caddee6c22e567057a4fd4>.

¹⁴⁴⁷ India-France Joint Working Group on Counter Terrorism, French Embassy in New Delhi (New Delhi), 28 February 2020. Access Date: 21 March 2020. https://in.ambafrance.org/India-France-Joint-Working-Group-on-Counter-Terrorism?fbclid=IwAR3uPacqbFQQ9FctqJlSR70HxNY_nB4D6KecVpRFJEnZzMPRigpayDKsnBU

shared view on strengthening international rules-based orders and reiterated their commitment to multilateralism.¹⁴⁴⁹

On 22 May 2020, Indonesia co-sponsored the Arria-Formula Meeting of the United Nations Security Council.¹⁴⁵⁰ The purpose of this meeting was to discuss the global efforts made in strengthening cyber stability as well as preventing cyber threats.¹⁴⁵¹

While Indonesia has participated in discussions relating to this commitment, it has not taken action to realise an open, free and secure internet.

Thus, Indonesia receives a score of -1.

Analyst: Vannie Kopalakrishnan

Italy: 0

Italy has partially complied with its commitment to realize an open, free and secure internet.

On 22 September 2019, Decree Law No. 105 entered into force with the goal of increasing national cybersecurity in Italy.¹⁴⁵² The law includes policies that increase internet security and so, reduce the capabilities of cyber threats.¹⁴⁵³ The law also includes punitive measures for organizations who fail to take relevant action in accordance with this new law.¹⁴⁵⁴ Additionally, it directs the government to hire a maximum of 77 new staff members for the implementation of the necessary policies.¹⁴⁵⁵

Italy has partially complied with this commitment. Though it has enacted a law that aims to increase the country's digital security capabilities, it has not taken action to create an open and free internet.

Thus, Italy receives a score of 0.

Analyst: Arshia Hassani

Japan: 0

Japan has partially complied with its commitment to realizing an open, free and secure internet.

¹⁴⁴⁹ European Union and Indonesia hold their fourth Political Dialogue, European Union External Action (Brussels) 13 November 2019. Access Date: 5 June 2020. https://eeas.europa.eu/headquarters/headquarters-homepage/70369/european-union-and-indonesia-hold-their-fourth-political-dialogue_en

¹⁴⁵⁰ Indonesia Voices Cyber Stability in the UN, Ministry of Foreign Affairs of the Republic of Indonesia (New York) 23 May 2020. Access Date: 5 June 2020. <https://kemlu.go.id/portal/en/read/1327/berita/indonesia-voices-cyber-stability-in-the-un>

¹⁴⁵¹ Indonesia Voices Cyber Stability in the UN, Ministry of Foreign Affairs of the Republic of Indonesia (New York) 23 May 2020. Access Date: 5 June 2020. <https://kemlu.go.id/portal/en/read/1327/berita/indonesia-voices-cyber-stability-in-the-un>

¹⁴⁵² Italy: New Provisions on National Cybersecurity Enter into Force, Library of Congress (Italy) 16 October 2019. Access Date: 15 June 2020. <https://www.loc.gov/law/foreign-news/article/italy-new-provisions-on-national-cybersecurity-enter-into-force/>

¹⁴⁵³ Italy: New Provisions on National Cybersecurity Enter into Force, Library of Congress (Italy) 16 October 2019. Access Date: 15 June 2020. <https://www.loc.gov/law/foreign-news/article/italy-new-provisions-on-national-cybersecurity-enter-into-force/>

¹⁴⁵⁴ Italy: New Provisions on National Cybersecurity Enter into Force, Library of Congress (Italy) 16 October 2019. Access Date: 15 June 2020. <https://www.loc.gov/law/foreign-news/article/italy-new-provisions-on-national-cybersecurity-enter-into-force/>

¹⁴⁵⁵ Italy: New Provisions on National Cybersecurity Enter into Force, Library of Congress (Italy) 16 October 2019. Access Date: 15 June 2020. <https://www.loc.gov/law/foreign-news/article/italy-new-provisions-on-national-cybersecurity-enter-into-force/>

On 18 November 2019, the Ministry of Foreign Affairs held the 4th Republic of Korea-Japan-People's Republic of China Cyber Policy Consultation in Beijing to discuss and enhance regional cybersecurity cooperation.¹⁴⁵⁶ There was a shared understanding that discussions regarding cybersecurity norms at the UN are essential to creating a safe cyberspace and explored ways to cooperate on joint response to cybercrimes among law enforcement agencies.¹⁴⁵⁷

On 30 November 2019, the Japanese Foreign Minister and the Minister of Defence took part in a ministerial dialogue with India to discuss the threats posed to regional peace by terror networks operating from Pakistan.¹⁴⁵⁸ The Japanese members, along with their Indian counterparts, called upon Pakistan to “take resolute and irreversible action against [terror networks] and fully comply with international commitments”¹⁴⁵⁹ including the steps prescribed by the Financial Action Task Force, the global anti-terror watchdog.¹⁴⁶⁰

On 6 April 2020, the Japanese Ministry of Defense (MOD) confirmed that it would invest approximately USD237.12 million to develop AI-based security tools to defend against cyberattacks.¹⁴⁶¹ The MOD also invested approximately USD277,711 to: build a Cyber Information Gathering System, which gathers information on the tactics, techniques and procedures of cyberattacks on government and private entities; expand the Cyber Defense Group from 220 to 290 personnel; and perform research on cybersecurity measures for network devices used by the Japanese military.¹⁴⁶²

Japan has partially complied with its commitment to realising an open, free and secure internet. It has established policies that aim to identify mitigate the presence of violent content in the digital world, thus realising a secure internet, however, it has not taken action to realise an open and free internet.

Thus, Japan receives a score of 0.

Analyst: Dan Polinoda

Korea: +1

Korea has fully complied with its commitment to realize an open, free and secure internet.

On 28 June 2019, the Ministry of Foreign Affairs held the fifth Korea-European Union Cyber Policy Consultation and the second meeting of the Korea-European Union Specialised Working Group on

¹⁴⁵⁶ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

¹⁴⁵⁷ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

¹⁴⁵⁸ India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times (Mumbai) 30 November 2019. Access date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

¹⁴⁵⁹ India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times, (Mumbai) 30 November 2019. Access Date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

¹⁴⁶⁰ India and Japan ask Pakistan to Take Concrete Action Against Terror Infrastructure, The Economic Times, (Mumbai) 30 November 2019. Access Date: 16 May 2020. <https://economictimes.indiatimes.com/news/defence/india-and-japan-ask-pakistan-to-take-concrete-action-against-terror-infrastructure/articleshow/72310162.cms?from=mdr>

¹⁴⁶¹ Japan Embraces AI Tools to Fight Cyberattacks with US\$237 Million Investment, Cybersecurity Magazine, (Albuquerque) 6 April 2020. Access Date: 16 May 2020. <https://www.cisomag.com/japan-embraces-ai-tools-to-fight-cyberattacks-with-us237-mn-investment/>

¹⁴⁶² Japan Embraces AI Tools to Fight Cyberattacks with US\$237 Million Investment, Cybersecurity Magazine, (Albuquerque) 6 April 2020. Access Date: 16 May 2020. <https://www.cisomag.com/japan-embraces-ai-tools-to-fight-cyberattacks-with-us237-mn-investment/>

Counter-Terrorism in Brussels, in which the two sides discussed cybersecurity and counter-terrorism strategies and reaffirmed their commitment in cooperating for an open and safe cyberspace.¹⁴⁶³

On 2 August 2019, Minister of Foreign Affairs Kang Kyung-wha attended the 26th ASEAN Regional Forum in Bangkok to exchange views with other members of the Association of South East Asian Nations (ASEAN) on regional and international issues, including the cybersecurity and security threats rising from tension over protectionism.¹⁴⁶⁴ An aim to prevent and mitigate terrorism and violent extremism was also adopted at the forum.¹⁴⁶⁵

On 1 October 2019, the Ministry of Science and ICT (MSIT) hosted the fourth annual meeting of the Cybersecurity Alliance for Mutual Progress (CAMP) in Seoul to foster international cooperation and trust to respond to cyber threats, discussing the alliance's progress and future activities.¹⁴⁶⁶ As the Korea Internet and Security Agency has renewed their tenure for CAMP operations, Korea will continue its commitment to a secure internet by playing a leading role in international cooperation for cybersecurity.¹⁴⁶⁷

On 2 October 2019, the Ministry of National Defence announced that Vice Minister of Korea Park Jae-min and Vice Minister of United Arab Emirates (UAE) Matar Salem Al-Dhaheri agreed to strengthen cooperation in establishing international peace, including furthering the expansion of bilateral cooperation in the information and cybersecurity realms.¹⁴⁶⁸

On 8 October 2019, Korea co-hosted the Warsaw Process Working Group on Cybersecurity in Seoul with the United States and Poland.¹⁴⁶⁹ The meeting was attended by 50 countries and worked towards creating a secure and peaceful cyberspace by sharing each country's cybersecurity policy and best practices, thus enhancing cooperation in responding to cyber threats.¹⁴⁷⁰ The Korea National Policy Agency also presented about collaboration in countering cybercrime.¹⁴⁷¹

¹⁴⁶³ 5th ROK-EU Cyber Policy Consultation and 2nd Meeting of ROK-EU Specialised Working Group on Counter-Terrorism Take Place, Ministry of Foreign Affairs (Seoul) 1 July 2019. Access Date: 19 March 2020.

http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320587

¹⁴⁶⁴ Outcome of 26th ASEAN Regional Forum, Ministry of Foreign Affairs (Seoul) 2 August 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320631

¹⁴⁶⁵ Outcome of 26th ASEAN Regional Forum, Ministry of Foreign Affairs (Seoul) 2 August 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320631

¹⁴⁶⁶ The Fourth Annual Meeting of CAMP (Oct 11), Ministry of Science and ICT (Sejong) 27 November 2019. Access Date: 27 January 2020. <https://english.msit.go.kr/english/msipContents/contentsView.do?catId=tst56&artId=2339767>

¹⁴⁶⁷ The Fourth Annual Meeting of CAMP (Oct 11), Ministry of Science and ICT (Sejong) 27 November 2019. Access Date: 27 January 2020. <https://english.msit.go.kr/english/msipContents/contentsView.do?catId=tst56&artId=2339767>

¹⁴⁶⁸ Republic of Korea, UAE agree to strengthen cooperation in establishing international peace, Ministry of National Defense (Seoul) 16 October 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_226723&titleId=null&sitetId=mndEN&id=mndEN_020100000000

¹⁴⁶⁹ Warsaw Process Working Group on Cybersecurity Convened in Seoul, Ministry of Foreign Affairs (Seoul) 8 October 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320733

¹⁴⁷⁰ Warsaw Process Working Group on Cybersecurity Convened in Seoul, Ministry of Foreign Affairs (Seoul) 8 October 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320733

¹⁴⁷¹ Warsaw Process Working Group on Cybersecurity Convened in Seoul, Ministry of Foreign Affairs (Seoul) 8 October 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320733

On 13 October 2019, MSIT began hosting the 2019 Asia-Pacific Economic Cooperation (APEC) Telecommunications and Information Working Group in Seoul.¹⁴⁷² The MSIT explored cooperation with APEC members by sharing policies, including information security.¹⁴⁷³

On 18 November 2019, Minister of National Defence Jeong Kyeong-doo called for the international community to come together to cope with new security threats and issues at the sixth ASEAN Defence Ministers' Meeting-Plus in Bangkok by introducing methods to be led by ASEAN countries.¹⁴⁷⁴ These methods include: “establishing principles and codes in every country to respect international laws and individual country’s rights and interests,”¹⁴⁷⁵ “boosting consultative groups to promote multilateral security cooperation”¹⁴⁷⁶ and “increasing mutual trust among regional countries and strengthening partnerships.”¹⁴⁷⁷ Jeong pointed to the developments of advanced science and technology in the Fourth Industrial Revolution as a means for humans to create security threats in cyberspace.¹⁴⁷⁸

On 18 November 2019, the Ministry of Foreign Affairs held the fourth Korea-Japan-China Cyber Policy Consultation in Beijing to discuss and enhance regional cybersecurity cooperation.¹⁴⁷⁹ There was a shared understanding that discussions regarding cybersecurity norms at the United Nations are essential to creating a safe cyberspace and explored ways to cooperate on joint response to cybercrimes among law enforcement agencies.¹⁴⁸⁰

¹⁴⁷² 2019 APEC TEL Meeting is Held (Oct 14), Ministry of Science and ICT (Sejong) 27 November 2019. Access Date: 27 January 2020. <https://english.msit.go.kr/english/msipContents/contentsView.do?catId=tst56&artId=2339769>

¹⁴⁷³ 2019 APEC TEL Meeting is Held (Oct 14), Ministry of Science and ICT (Sejong) 27 November 2019. Access Date: 27 January 2020. <https://english.msit.go.kr/english/msipContents/contentsView.do?catId=tst56&artId=2339769>

¹⁴⁷⁴ Republic of Korea Defense Minister calls for close cooperation to cope with new security threats, Ministry of National Defense (Seoul) 27 November 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_230312&titleId=null&siteId=mndEN&id=mndEN_020100000000

¹⁴⁷⁵ Republic of Korea Defense Minister calls for close cooperation to cope with new security threats, Ministry of National Defense (Seoul) 27 November 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_230312&titleId=null&siteId=mndEN&id=mndEN_020100000000

¹⁴⁷⁶ Republic of Korea Defense Minister calls for close cooperation to cope with new security threats, Ministry of National Defense (Seoul) 27 November 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_230312&titleId=null&siteId=mndEN&id=mndEN_020100000000

¹⁴⁷⁷ Republic of Korea Defense Minister calls for close cooperation to cope with new security threats, Ministry of National Defense (Seoul) 27 November 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_230312&titleId=null&siteId=mndEN&id=mndEN_020100000000

¹⁴⁷⁸ Republic of Korea Defense Minister calls for close cooperation to cope with new security threats, Ministry of National Defense (Seoul) 27 November 2019. Access Date: 7 February 2020.
http://www.mnd.go.kr/user/boardList.action?command=view&page=1&boardId=O_47261&boardSeq=O_230312&titleId=null&siteId=mndEN&id=mndEN_020100000000

¹⁴⁷⁹ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

¹⁴⁸⁰ 4th ROK-Japan-China Cyber Policy Consultation Held, Ministry of Foreign Affairs (Seoul) 19 November 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320841.

On 23 November 2019, President of the Korea Internet and Security Kim Seok-hwan and Chief Executive of the Cyber Security Agency of Singapore signed a memorandum of understanding (MOU) to enhance cooperation and sharing information on cybersecurity issues.¹⁴⁸¹

On 24 November 2019, Minister of the Interior and Safety Chin Young signed an MOU to continue to support Brunei's e-government establishment project until 2024.¹⁴⁸² The MOU allows Korea and Brunei to share data opening policies and experiences for allowing public data to be used by the private sector.¹⁴⁸³

On 2 December 2019, the Ministry of Foreign Affairs and Institute for National Security Strategy co-hosted the 2019 International Conference on Emerging Security Threats to discuss best practices in responding to emerging security threats and international cooperation, including cybersecurity and terrorist use of technologies.¹⁴⁸⁴

On 10 December 2019, the fourth Foreign and Defence Ministers' meeting between Korea and Commonwealth of Australia was held in Sydney.¹⁴⁸⁵ The two sides agreed to strengthen cooperation in cybersecurity through the Korea-Australia Cyber Policy Dialogue and to respond to terrorism.¹⁴⁸⁶

On 16 December 2019, the Minister of National Defence Jeong Kyeong-doo and his counterpart Mohammed Ahmed Al Bowardi of the UAE agreed to further enhance cooperation in areas of intelligence, cybersecurity and munitions at the seventh Korea-UAE defence ministers' talks, meant to further strengthen their cooperation to establish permanent peace in the region.¹⁴⁸⁷

On 29 January 2020, the second Korea-United Kingdom Cyber Dialogue was held in Seoul.¹⁴⁸⁸ Both Korea and UK shared experiences and expertise in the increasing challenge of cyber threats by sharing information and agreeing to work more closely on responses to cyber incidents and cybercrime investigations.¹⁴⁸⁹

¹⁴⁸¹ Singapore Signs MOU With S. Korea on Cybersecurity Cooperation, Bloomberg (Singapore) 23 November 2019. Access Date: 7 February 2020. <https://www.bloomberg.com/news/articles/2019-11-23/singapore-signs-mou-with-s-korea-on-cybersecurity-cooperation>

¹⁴⁸² MOIS to extend support for Brunei's e-government establishment project by 2024, Ministry of the Interior and Safety (Sejong) 18 December 2019. Access Date: 23 January 2020. https://www.mois.go.kr/eng/bbs/type001/commonSelectBoardArticle.do?bbsId=BBSMSTR_000000000019&nttId=74806.

¹⁴⁸³ MOIS to extend support for Brunei's e-government establishment project by 2024, Ministry of the Interior and Safety (Sejong) 18 December 2019. Access Date: 23 January 2020. https://www.mois.go.kr/eng/bbs/type001/commonSelectBoardArticle.do?bbsId=BBSMSTR_000000000019&nttId=74806

¹⁴⁸⁴ Ministry of Foreign Affairs and Institute for National Security Strategy to Co-host "2019 International Conference on Emerging Security Threats", Ministry of Foreign Affairs (Seoul) 29 November 2019. Access Date: 19 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320863

¹⁴⁸⁵ 4th ROK-Australia Foreign and Defense Ministers' 2+2 Meeting Takes Place, Ministry of Foreign Affairs (Seoul) 10 December 2019. Access Date: 19 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320887

¹⁴⁸⁶ 4th ROK-Australia Foreign and Defense Ministers' 2+2 Meeting Takes Place, Ministry of Foreign Affairs (Seoul) 10 December 2019. Access Date: 19 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320887

¹⁴⁸⁷ Republic of Korea, UAE discuss approaches to cooperation in national defense and the defense industry, Ministry of National Defense (Seoul) 6 January 2020. Access Date: 8 February 2020. http://www.mnd.go.kr/user/boardList.action?boardId=O_47317&sitId=mndEN&page=1&search=&column=&boardType=02&listType=&parent=&boardSeq=O_233642&command=albumView&chkBoxSeq=&chkBoxId=&chkBoxPos=&chkBoxDepth=&chkBoxFamSeq=&warningYn=N&categoryId=&categoryDepth=&id=mndEN_020200000000

¹⁴⁸⁸ The 2nd ROK-UK Cyber Dialogue Held, Ministry of Foreign Affairs (Seoul) 29 January 2020. Access Date: 20 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320935

¹⁴⁸⁹ The 2nd ROK-UK Cyber Dialogue Held, Ministry of Foreign Affairs (Seoul) 29 January 2020. Access Date: 20 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320935

On 14 February 2020, Minister of Foreign Affairs Kang Kyung-wha and Minister of Foreign Affairs of the Republic of Lithuania Linas Linkevicius held a bilateral meeting at the 56th Munich Security Conference in which the two ministers discussed methods of promoting cooperation in various industries, including cybersecurity and information technology.¹⁴⁹⁰

Korea has taken actions in creating an open, free and secure internet by cooperating with the international community to share experiences, information and by agreeing to cooperate with other countries to work more closely to respond to cybersecurity issues through bilateral and multilateral conferences, meetings, and memorandums of understanding. Korea has also launched investigations into private companies regarding personal data breaches.

Thus, Korea receives a score of +1.

Analyst: Ingrid Wong

Mexico: -1

Mexico has not yet complied in its efforts into ensuring a free, secure and open internet.

On 19 December 2019, the Federal Institute of Telecommunications proposed to repeal net neutrality in Mexico.¹⁴⁹¹ The net neutrality ensured equal access to content from any service providers, thus supporting an open and free internet.¹⁴⁹²

Mexico has not complied with its commitment to realise an open, free and secure internet.

Thus, Mexico receives a score of -1.

Analyst: Raphaël Colombo

Russia: 0

Russia has partially complied with its commitment to realize an open, free and secure internet.

On 9 September 2019, Russian Deputy Foreign Minister Oleg Syromolotov met with U.S. Deputy Secretary of State John Sullivan to hold another round of consultations on the fight against

¹⁴⁹⁰ Outcome of Bilateral Meetings between Minister of Foreign Affairs and her Lithuanian, Finnish and Norwegian Counterparts Held on Occasion of 56th Munich Security Conference, Ministry of Foreign Affairs (Seoul) 15 February 2020. Access Date: 20 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320961

¹⁴⁹¹ Anteproyecto De Lineamientos Para La Gestión De Tráfico Y Administración De Red A Que Deberán Sujetarse Los Concesionarios Y Autorizados Que Presten El Servicio De Acceso A Internet, Instituto Federal de Telecomunicaciones (Mexico City), December 19, 2020, access date 01/02/2020. <http://www.ift.org.mx/sites/default/files/industria/temasrelevantes/13791/documentos/1documentoenconsultapublicaanterejectodelineamientos.pdf>

¹⁴⁹² Anteproyecto De Lineamientos Para La Gestión De Tráfico Y Administración De Red A Que Deberán Sujetarse Los Concesionarios Y Autorizados Que Presten El Servicio De Acceso A Internet, Instituto Federal de Telecomunicaciones (Mexico City), December 19, 2020, access date 01/02/2020. <http://www.ift.org.mx/sites/default/files/industria/temasrelevantes/13791/documentos/1documentoenconsultapublicaanterejectodelineamientos.pdf>

terrorism.¹⁴⁹³ Syromolotov and Sullivan discussed topics of the state and prospects for bilateral cooperation on countering terrorist threats.¹⁴⁹⁴

On 12 October 2019, Chair of the State Duma Vyacheslav Volodin took part in the third Conference of Speakers of Parliaments on Countering Terrorism and Strengthening Regional Connectivity in Istanbul.¹⁴⁹⁵ Chair Volodin and his counterparts agreed to 20 commitments with an emphasis on peace and security as well as counter terrorism measures.¹⁴⁹⁶

On 21 October 2019, Russia held the 33rd session of the Foreign Investment Advisory Council.¹⁴⁹⁷ Proposals for initiatives included improving laws and regulations to counter money laundering and the financing of terrorism.¹⁴⁹⁸

On 30 October 2019, Russian Deputy Foreign Minister Oleg Syromolotov, and Indian Secretary of External Affairs Vijay Thakur Singh met for the 11th meeting of the India-Russia joint working group on counter terrorism in New Delhi.¹⁴⁹⁹ Both sides deliberated upon measures to further strengthen and deepen counterterrorism cooperation and both agreed on united efforts to fight terrorism and terrorism financing at multilateral forums.¹⁵⁰⁰

On 1 November 2019, the Russian federal law on “sovereign internet” was enacted to ensure the safe and stable functioning of the internet on the territory of the Russian Federation.¹⁵⁰¹ The federal law will tighten state control over the global network, routing Russian web traffic and data through points controlled by state authorities and to build a national domain to allow the internet to continue working should Russia get cut off from foreign infrastructure.¹⁵⁰²

¹⁴⁹³ U.S., Russian Officials Discuss Fight Against Terror in Vienna, RadioFreeEurope RadioLiberty (Russia) 10 September 2019. Access Date: 19 March 2020. <https://www.rferl.org/a/u-s-russian-officials-discuss-fight-against-terror-in-vienna/30156111.html>

¹⁴⁹⁴ Press Release on Deputy Foreign Minister Oleg Syromolotov’s meeting with United States Deputy Secretary of State John J. Sullivan and Russia-US High-Level Counterterrorism Dialogue, Ministry of Foreign Affairs Russia (Moscow) 9 September 2019. Access Date: 20 March 2020. https://www.mid.ru/en/foreign_policy/news/-/asset_publisher/cKNonkJE02Bw/content/id/3780958

¹⁴⁹⁵ Chairman of the State Duma of Russia Viacheslav Volodin visited Turkey, Embassy of the Russian Federation in the Republic of Turkey (Istanbul) 11 October 2019. Access Date: 20 March 2020. https://turkey.mid.ru/en/press_center/news/chairman_of_the_state_duma_of_russia_vyacheslav_volodin_visited_turkey/

¹⁴⁹⁶ Joint Declaration of the “Third Conference of Speakers of Parliaments on Countering Terrorism and Strengthening Regional Connectivity”, The State Duma (Istanbul) 12 October 2019. Access Date: 19 March 2020. <http://duma.gov.ru/en/news/46594/>

¹⁴⁹⁷ Communiqué of the 33rd Session of the Foreign Investment Advisory Council in Russia (Moscow, 21 October 2019, The Russian Government (Moscow) 21 October 2019. Access Date: 19 March 2020. <http://government.ru/en/news/38156/>

¹⁴⁹⁸ Communiqué of the 33rd Session of the Foreign Investment Advisory Council in Russia (Moscow, 21 October 2019, The Russian Government (Moscow) 21 October 2019. Access Date: 19 March 2020. <http://government.ru/en/news/38156/>

¹⁴⁹⁹ Joint Press Statement: India-Russia High Level Consultations on Counter Terrorism, Ministry of External Affairs (New Delhi) 30 October 2019. Access Date: 20 March 2020. <https://www.mea.gov.in/bilateral-documents.htm?dtl/31986/joint+press+statement+indiarussia+high+level+consultations+on+counter+terrorism>

¹⁵⁰⁰ Press release on the 11th meeting of the India-Russia Joint Working Group on Counter Terrorism, Ministry of Foreign Affairs Russia (New Delhi) 30 October 2019. Access Date: 20 March 2020.

https://www.mid.ru/en/web/guest/maps/in/-/asset_publisher/EpJ5G4lcymvb/content/id/3879023

¹⁵⁰¹ In Russia, the law on “sovereign RuNET” entered into force, The State Duma (Moscow) 1 November 2019. Access Date: 19 March 2020. <http://duma.gov.ru/news/46811/>

¹⁵⁰² Russia enacts ‘sovereign internet’ law, free speech activists cry foul, Reuters (Moscow) 1 November 2019. Access Date: 19 March 2020. <https://uk.reuters.com/article/uk-russia-internet-bill/russia-enacts-sovereign-internet-law-free-speech-activists-cry-foul-idUKKBN1XB4U7>

On 23 December 2019, Minister of Internal Affairs Vladimir Kolokoltsev met with Internal Affairs minister of the Republic of Ingushetia to discuss improvement for the fight against terrorism and extremism, the fight against drug crime, and control of migration processes.¹⁵⁰³

On 26 December 2019, Russia began testing for a national internet system that would operate as an alternative to the global network.¹⁵⁰⁴ The national internet system, RuNet was successfully tested against different scenarios that included cyber attacks.¹⁵⁰⁵ RuNet makes internet freely and easily accessible regardless of external or internal conditions.¹⁵⁰⁶

On 19 February 2020, Russian Internal Affairs Minister Vladimir Kolokoltsev and Swedish Minister of Home Affairs Mikael Damberg held a meeting discussing pressing issues regarding combating organized crime, illegal migration, drug trafficking and anti-terrorism activities.¹⁵⁰⁷

The Russian Federation has taken measures to cooperate with international organizations and internet service providers to fulfill a secure internet as demonstrated by the development of RuNet. The Russian Federation has collaborated with organizations to discuss digital innovation and solutions to threats from criminal activity on the internet. Although Russia has made efforts to ensure a secure and safe internet, the commitment to a free internet was not fulfilled.

Thus, Russia receives a score of 0.

Analyst: Sebastian Vecerina

Saudi Arabia: 0

Saudi Arabia has partially complied with its commitment to realize an open, free and secure internet.

On 23 December 2019, the Computer Emergency Response Team (CERT) joined the international Forum of Incident Response and Security Teams.¹⁵⁰⁸ CERT is working to enhance the Kingdom's efforts in raising the awareness maturity of Saudi Arabia and to collaborate with international CERT teams.¹⁵⁰⁹ Saudi CERT has three main functions: increasing the level of knowledge and awareness regarding cybersecurity, disseminate information about vulnerabilities, and to campaign and cooperate with other response teams.¹⁵¹⁰ CERTs can include detecting terrorist threats.

On 20 January 2020, a delegation of members from 15 states of the Arab Diplomatic Corps met in Riyadh, Saudi Arabia to discuss enhanced mutual cooperation between the Global Center for

¹⁵⁰³ Working visit of Vladimir Kolokoltsev to Republic of Ingushetia, Ministry of Internal Affairs of the Russian Federation (Magas) 23 December 2019. Access Date: 20 March 2020. <https://en.mvd.ru/news/item/19185848>

¹⁵⁰⁴ Russia starts testing its own internal internet, techcrunch () 26 December 2019. Access Date: 20 March 2020. <https://techcrunch.com/2019/12/26/russia-starts-testing-its-own-internal-internet/>

¹⁵⁰⁵ Russia successfully disconnected from the internet, ZDNet () 23 December 2019

¹⁵⁰⁶ How will the sovereign internet law operate?, the State Duma (Moscow) 1 November 2019. Access Date: 20 March 2020. <http://duma.gov.ru/news/46774/>

¹⁵⁰⁷ Vladimir Kolokoltsev and Mikael Damberg discussed pressing issues of interaction of Russia and Sweden in law enforcement, Ministry of Internal Affairs of the Russian Federation (Stockholm) 19 February 2020. Access Date: 20 March 2020. <https://en.mvd.ru/news/item/19587281>

¹⁵⁰⁸ Saudi CERT, FIRST (North Carolina) 23 December 2019. Access Date: 26 August 2020. https://www.first.org/members/teams/saudi_cert.

¹⁵⁰⁹ Saudi CERT, FIRST (North Carolina) 23 December 2019. Access Date: 26 August 2020. https://www.first.org/members/teams/saudi_cert.

¹⁵¹⁰ Saudi CERT, FIRST (North Carolina) 23 December 2019. Access Date: 26 August 2020. https://www.first.org/members/teams/saudi_cert.

Combatting Extremist Ideology and their states.¹⁵¹¹ These discussions were focused on eliminating the rise of extremism in youth and on the Global Center's research on social media's role in radicalization.¹⁵¹²

On 4 February 2020, a memorandum of understanding was signed between the National Cybersecurity Authority and the Global Resilience Federation aimed at enabling better knowledge sharing and developing information sharing and analysis capabilities.¹⁵¹³ In addition, the partnership will provide extensive training to more than 500 cyber specialists.¹⁵¹⁴

On 5 February 2020, the Riyadh Declaration on Cybersecurity was adopted based on the discussions throughout the sessions of the Global Cybersecurity Forum.¹⁵¹⁵ The Riyadh Declaration calls for joint efforts to build a better cyber world for all, focusing on: fostering a thriving industry, building a capable workforce, creating cyber-aware communities, enhancing global cybersecurity resilience, and advancing inclusive cybersecurity capacity building.¹⁵¹⁶ It included a statement to "enable the role of women in cyber."

On 5 February 2020, two initiatives were adopted by Crown Prince Muhammad Bin Salman to serve global cybersecurity.¹⁵¹⁷ The first initiative is meant to protect children in the cyber world by launching projects that lead efforts aiming to strengthen the protection mechanisms designed to advance the safety of children in relation to the digital sphere.¹⁵¹⁸ The second initiative empowers women in cybersecurity by encouraging them to actively participate in this industry.¹⁵¹⁹ It also promotes the professional development of women and increases human capital within cybersecurity.¹⁵²⁰

Saudi Arabia has partially complied with its commitment to realize an open, free and secure internet. Through actions such as international collaboration with CERT teams and efforts to protect children in the cyberspace as well as make the industry more accessible to women, Saudi Arabia has taken action to realize an open internet and secure internet. It has not taken action to realize a free internet.

¹⁵¹¹ Ambassadors Of 15 Countries Discuss With Etidal Ways To Combat Extremism, Global Center for Combating Extremist Ideology (Riyadh) 20 January 2020. Access Date: 3 February 2020. <https://etidal.org/en/ambassadors-of-15-countries-discuss-with-etidal-ways-to-combat-extremism/>

¹⁵¹² Ambassadors Of 15 Countries Discuss With Etidal Ways To Combat Extremism, Global Center for Combating Extremist Ideology (Riyadh) 20 January 2020. Access Date: 3 February 2020. <https://etidal.org/en/ambassadors-of-15-countries-discuss-with-etidal-ways-to-combat-extremism/>.

¹⁵¹³ Saudi Arabia's National Cybersecurity Authority launches today the Global Cybersecurity Forum in Riyadh, the Middle East largest to date cybersecurity event, Global Cybersecurity Forum (Riyadh) 4 February 2020. Access Date: 26 August 2020. <https://nca.gov.sa/en/pages/news/news27.html>

¹⁵¹⁴ Saudi Arabia's National Cybersecurity Authority launches today the Global Cybersecurity Forum in Riyadh, the Middle East largest to date cybersecurity event, Global Cybersecurity Forum (Riyadh) 4 February 2020. Access Date: 26 August 2020. <https://nca.gov.sa/en/pages/news/news27.html>

¹⁵¹⁵ Riyadh Declaration for Cybersecurity, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/declaration>.

¹⁵¹⁶ Riyadh Declaration for Cybersecurity, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/declaration>.

¹⁵¹⁷ The Crown Prince Mohammed Bin Salman Initiative for Enable Women in Cyber, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/initiative>.

¹⁵¹⁸ The Crown Prince Mohammed Bin Salman Initiative for Enable Women in Cyber, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/initiative>.

¹⁵¹⁹ The Crown Prince Mohammed Bin Salman Initiative for Enable Women in Cyber, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/initiative>.

¹⁵²⁰ The Crown Prince Mohammed Bin Salman Initiative for Enable Women in Cyber, Global Cybersecurity Forum (Riyadh) 5 February 2020. Access Date: 26 August 2020. <https://globalcybersecurityforum.com/initiative>.

Thus, Saudi Arabia receives a score of 0.

Analyst: Khurram Shamim

South Africa: 0

South Africa has partially complied with its commitment to realise an open, free and secure internet.

On 25 June 2019, the Independent Communications Authority of South Africa issued the Spectrum Usage and Availability Q1 2019.¹⁵²¹ This process will include measures to promote competition, transformation, inclusive growth and universal access of the communications sector.¹⁵²²

On 26 July 2019, Communications and Digital Technologies Minister Stella Ndabeni-Abrahams issued the Government Gazette 42597 that provided policy direction for the licensing of high-demand spectrum.¹⁵²³ The gazette specifies the wholesale open access network licensing process, which enables the “allocation of 4G spectrum in order to provide faster and more widespread high-speed data services.”¹⁵²⁴

On 19 September 2019, Parliament enacted the Firms and Publications Amendment Act. The Act regulates the online distribution of films and games. In the Act 18H and 24G, the act prohibits the distribution of terrorism-related content, including propaganda for war, incitement of imminent violence and advocacy of hatred.¹⁵²⁵

On 13 February 2020, President Cyril Ramaphosa announced during the State of the Nation Address about a joint effort with mobile operators to enact price deduction for data usage and the issuance of Wireless Open Access Network.¹⁵²⁶ The proposal will facilitate the open access of internet and online resources.

On 10 March 2020, the Ministry of Communications and Digital Technologies and the Independent Communications Authority of South Africa announced the agreement reached between the competition commission and Vodacom. The undertaking will reduce data prices, thereby opening internet access to more South Africans.

On 17 May 2020, Minister of Communications and Digital Technologies, Jackson Mthembu, joined World Telecommunication and Information Society Day.¹⁵²⁷ The day fosters awareness on the use of

¹⁵²¹ Spectrum Licensing. Independent Communications Authority of South Africa (Pretoria) 25 June 2019. Access Date: 20 May 2020. <https://www.icasa.org.za/pages/spectrum-licensing>

¹⁵²² Spectrum Licensing. Independent Communications Authority of South Africa (Pretoria) 25 June 2019. Access Date: 20 May 2020. <https://www.icasa.org.za/pages/spectrum-licensing>

¹⁵²³ Government Gazette Vol.649. Minister of Communications (Pretoria) 26 July 2019. Access Date: 20 May 2020. <https://www.itweb.co.za/static/misc/pdf/Gazette-2019.pdf>

¹⁵²⁴ Ndabeni-Abrahams issues policy direction on spectrum. IT Web (Johannesburg) 26 July 2019. Access Date: 20 May 2020. <https://www.itweb.co.za/content/VgZey7JAgoVvdjX9>

¹⁵²⁵ Films and Publications Amendment Act 11 of 2019 (English / Afrikaans). South African Government(Pretoria) 19 September 2019. Access Date: 16 March 2020 <https://www.gov.za/documents/films-and-publications-amendment-act-11-2019-3-oct-2019-0000>

¹⁵²⁶ South Africans may get free data every day, and surf sites like Wikipedia for free, if Ramaphosa gets his way. Business Insider South Africa (Cape Town) Feb 14, 2020. Access Date: 20 March 2020

<https://www.gov.za/speeches/president-cyril-ramaphosa-2020-state-nation-address-13-feb-2020-0000>

¹⁵²⁷ Government joins the world in observing World Telecommunication and Information Society Day. Ministry of Communications and Digital Technologies (Pretoria) 17 May, 2020. Access Date: 29 May 2020. <https://www.doc.gov.za/newsroom/media-releases/government-joins-world-observing-world-telecommunication-and-information>

the internet and other information and communication technologies, as well as of ways to bridge digital divide.¹⁵²⁸

South Africa has partially complied with its commitment to realising an open, secure and free internet. Through various policy initiatives, it has increased access to the digital world for its citizens, but it has not taken action to realise a free and secure internet.

Thus, South Africa receives a score of 0.

Analyst: Scarlett Lin

Turkey: -1

Turkey has not complied with its commitment to realize an open, free and secure internet.

On 1 August 2019, the Turkish Radio and Television Supreme Council was granted the authority to regulate and monitor broadcasts shared on the internet, including movies and television series on streaming and social media platforms.¹⁵²⁹ This is part of a new regulation, the “Presentation of Radio, Television and Optional Broadcasts on the Internet.”¹⁵³⁰ The aim is to provide measures “to ensure parental control of media content that could harm the physical, mental and moral development of children and young people.”¹⁵³¹ Moreover, the Turkish regulation will also apply to foreign service providers and operators and will require overseas companies intending to broadcast in Turkey to obtain a license.¹⁵³²

On 20 November 2019, President of Defence Industries Ismail Demir highlighted the emergence of crime due to developments in cybersecurity at the International Cyber Warfare and Security Conference.¹⁵³³ He stated that cybersecurity is a field for cooperation to ensure the safety of communities and governments should therefore work together on the matter.¹⁵³⁴

While Turkey has passed a regulation to monitor broadcasts on the internet, this action is not directed to internet security. Turkey has not taken action to fulfill its commitment to realise an open, free and secure internet.

¹⁵²⁸ Government joins the world in observing World Telecommunication and Information Society Day. Ministry of Communications and Digital Technologies (Pretoria) 17 May, 2020. Access Date: 29 May 2020. <https://www.doc.gov.za/newsroom/media-releases/government-joins-world-observing-world-telecommunication-and-information>

¹⁵²⁹ Internet radio-TV broadcasts are now under the control of RTÜK, Hürriyet Daily News (Ankara) 2 August 2019. Access Date: 4 February 2020. <https://www.hurriyedailynews.com/internet-radio-tv-broadcasts-are-now-under-the-control-of-rtuk-145464>

¹⁵³⁰ Internet radio-TV broadcasts are now under the control of RTÜK, Hürriyet Daily News (Ankara) 2 August 2019. Access Date: 4 February 2020. <https://www.hurriyedailynews.com/internet-radio-tv-broadcasts-are-now-under-the-control-of-rtuk-145464>

¹⁵³¹ Internet radio-TV broadcasts are now under the control of RTÜK, Hürriyet Daily News (Ankara) 2 August 2019. Access Date: 4 February 2020. <https://www.hurriyedailynews.com/internet-radio-tv-broadcasts-are-now-under-the-control-of-rtuk-145464>.

¹⁵³² Internet radio-TV broadcasts are now under the control of RTÜK, Hürriyet Daily News (Ankara) 2 August 2019. Access Date: 4 February 2020. <https://www.hurriyedailynews.com/internet-radio-tv-broadcasts-are-now-under-the-control-of-rtuk-145464>.

¹⁵³³ World needs international cooperation on cybersecurity, Anadolu Agency (Ankara) 20 November 2019. Access Date: 8 February 2020. <https://www.aa.com.tr/en/science-technology/world-needs-international-cooperation-on-cybersecurity/1651291>.

¹⁵³⁴ World needs international cooperation on cybersecurity, Anadolu Agency (Ankara) 20 November 2019. Access Date: 8 February 2020. <https://www.aa.com.tr/en/science-technology/world-needs-international-cooperation-on-cybersecurity/1651291>.

Thus, Turkey receives a score of -1.

Analyst: Ingrid Wong

United Kingdom: 0

The United Kingdom has partially complied with its commitment to realizing an open, free and secure internet.

On 3 October 2019, the United Kingdom and Singapore signed the Internet of Things security pledge that aims to allow the countries to work together on “improving the security of internet connected devices.”¹⁵³⁵ The two countries intend to collaborate on ensuring that devices capable of connecting to the internet are secure from various cyber threats.¹⁵³⁶

On 29 January 2020, the second Korea-United Kingdom Cyber Dialogue was held in Seoul.¹⁵³⁷ Both the UK and Korea shared experiences and expertise in the increasing challenge of cyber threats by sharing information and agreeing to work more closely on responses to cyber incidents and cybercrime investigations.¹⁵³⁸

On 18 February 2020, the National Cyber Security Centre (NCSC) announced that it will be working with its Northern Ireland counterparts to help increase the region’s “digital strength” for its businesses, citizens and charities.¹⁵³⁹ The two bodies intend to provide guidance for such groups to be able to easily and securely access the digital world while also collaborating to increase cybersecurity within Northern Ireland.¹⁵⁴⁰

On 20 May 2020, the NCSC announced that it will be helping small businesses move their activities from the physical sphere to the digital sphere.¹⁵⁴¹ The strategy hopes to allow small businesses to be able to securely and reliably conduct their work online.¹⁵⁴²

The United Kingdom has partially complied with its commitment to realising an open, secure and free internet. Through various policy initiatives, the government has increased the accessibility of the internet for various populations while also improving upon security capabilities so to reduce a range of cyber threats. While it has taken action to realise an open and secure internet, it has not taken action to realise a free one.

¹⁵³⁵ Secure by Design — UK-Singapore IoT Statement, British High Commission Singapore (London) 3 October 2019. Access Date: 15 June 2020. <https://www.gov.uk/government/news/secure-by-design-uk-singapore-iot-statement>

¹⁵³⁶ Secure by Design — UK-Singapore IoT Statement, British High Commission Singapore (Singapore) 3 October 2019. Access Date: 15 June 2020. <https://www.gov.uk/government/news/secure-by-design-uk-singapore-iot-statement>

¹⁵³⁷ The 2nd ROK-UK Cyber Dialogue Held, Ministry of Foreign Affairs (Seoul) 29 January 2020. Access Date: 20 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320935

¹⁵³⁸ The 2nd ROK-UK Cyber Dialogue Held, Ministry of Foreign Affairs (Seoul) 29 January 2020. Access Date: 20 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320935

¹⁵³⁹ NCSC supports Northern Ireland’s push to strengthen cyber security capabilities, National Cyber Security Centre (London) 18 February 2020. Access Date: 15 June 2020. <https://www.ncsc.gov.uk/news/northern-ireland-cyber-security-centre>

¹⁵⁴⁰ NCSC supports Northern Ireland’s push to strengthen cyber security capabilities, National Cyber Security Centre (London) 18 February 2020. Access Date: 15 June 2020. <https://www.ncsc.gov.uk/news/northern-ireland-cyber-security-centre>

¹⁵⁴¹ NCSC helps small businesses move from physical to digital, National Cyber Security Centre (London) 20 May 2020. Access Date: 15 June 2020. <https://www.ncsc.gov.uk/news/ncsc-helps-small-businesses-move-from-physical-to-digital>

¹⁵⁴² NCSC helps small businesses move from physical to digital, National Cyber Security Centre (London) 20 May 2020. Access Date: 15 June 2020. <https://www.ncsc.gov.uk/news/ncsc-helps-small-businesses-move-from-physical-to-digital>

Thus, the United Kingdom receives a score of 0.

Analyst: Arshia Hassani

United States: 0

The United States has partially complied with its commitment to realize an open, free and secure internet.

On September 2019, the Department for Homeland Security (DHS) released a Strategic Framework for Countering Terrorism and Targeted Violence.¹⁵⁴³ This framework includes a section on Counter Terrorists and Violent Extremists Influence Online, which aims to engage and work with partners in the private sector and civil society to prevent the spread of violent extremist content.¹⁵⁴⁴

On 9 September 2019, U.S. Deputy Secretary of State John Sullivan met with Russian Deputy Foreign Minister Oleg Syromolotov to hold another round of consultations on the fight against terrorism.¹⁵⁴⁵ Sullivan and Syromolotov discussed topics of the state and prospects for bilateral cooperation on countering terrorist threats.¹⁵⁴⁶

On 11 September 2019, the DHS Office for Targeted Violence and Terrorism Prevention, along with the Carnegie Mellon University, the University of Pittsburgh and Tech Against Terrorism collaborated through the fourth Digital Forum on Terrorism Prevention in Pittsburgh.¹⁵⁴⁷ The goal of the meeting was to discuss innovations and objectives that will help in building the ability of local and non-government voices to challenge terrorism and violence.¹⁵⁴⁸

On 8 October 2019, the United States co-hosted the Warsaw Process Working Group on Cybersecurity in Seoul with Korea and Poland.¹⁵⁴⁹ The meeting was attended by 50 countries and worked towards creating a secure and peaceful cyberspace by sharing each country's cybersecurity policy and best practices, thus enhancing cooperation in responding to cyber threats.¹⁵⁵⁰

¹⁵⁴³ Strategic Framework for Countering Terrorism and Targeted Violence, Department of Homeland Security (DHS). United States September 2019. Access Date: 4 February 2019. https://www.dhs.gov/sites/default/files/publications/19_0920_plcy_strategic-framework-countering-terrorism-targeted-violence.pdf.

¹⁵⁴⁴ Strategic Framework for Countering Terrorism and Targeted Violence, Department of Homeland Security (DHS). United States September 2019. Access Date: 4 February 2019. https://www.dhs.gov/sites/default/files/publications/19_0920_plcy_strategic-framework-countering-terrorism-targeted-violence.pdf.

¹⁵⁴⁵ U.S., Russian Officials Discuss Fight Against Terror in Vienna, RadioFreeEurope RadioLiberty (Russia) 10 September 2019. Access Date: 19 March 2020. <https://www.rferl.org/a/u-s-russian-officials-discuss-fight-against-terror-in-vienna/30156111.html>

¹⁵⁴⁶ Press Release on Deputy Foreign Minister Oleg Syromolotov's meeting with United States Deputy Secretary of State John J. Sullivan and Russia-US High-Level Counterterrorism Dialogue, Ministry of Foreign Affairs Russia (Moscow) 9 September 2019. Access Date: 20 March 2020. https://www.mid.ru/en/foreign_policy/news/-/asset_publisher/cKNonkJE0Bw/content/id/3780958

¹⁵⁴⁷ Pittsburgh Hosts the 4th Digital Forum on Terrorism Pervention, Department of Homeland Security (DHS), United States 11 September 2019. Access Date: 17 March 2020. <https://www.dhs.gov/blog/2019/10/30/pittsburgh-hosts-4th-digital-forum-terrorism-prevention>

¹⁵⁴⁸ Pittsburgh Hosts the 4th Digital Forum on Terrorism Pervention, Department of Homeland Security (DHS), United States 11 September 2019. Access Date: 17 March 2020. <https://www.dhs.gov/blog/2019/10/30/pittsburgh-hosts-4th-digital-forum-terrorism-prevention>

¹⁵⁴⁹ Warsaw Process Working Group on Cybersecurity Convened in Seoul, Ministry of Foreign Affairs (Seoul) 8 October 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320733

¹⁵⁵⁰ Warsaw Process Working Group on Cybersecurity Convened in Seoul, Ministry of Foreign Affairs (Seoul) 8 October 2019. Access Date: 10 March 2020. http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=320733

On 22 October 2019, the National Commission on Online Platforms and Homeland Security Act was introduced in the House of Representatives of the United States of America.¹⁵⁵¹ This bill aims to create a commission that will monitor and examine the ways that online platforms are or could be used in acts of targeted violence and extremism while examining the impact on civil liberties as a result of increased restrictions to prevent online extremism.¹⁵⁵²

On 15 January 2020, the United States House of Representatives Committee on Financial Services held a hearing for the examination of the Financing of Domestic Terrorism and Extremism.¹⁵⁵³ This examination focused on countering the use of financial services of financial institutions to fund terrorism which includes online transactions that can be used to fund domestic terrorism.¹⁵⁵⁴ The committee pushed for a greater recognition of these transactions and of their regulation to prevent further use.¹⁵⁵⁵

On 10 February 2020, the White House released the Budget for the Fiscal year of 2020-2021 where the Department of Homeland Security was given USD800 million to Combat Violence and Extremism through community-based initiatives and to provide support services to de-escalate individuals who are becoming radicalized.¹⁵⁵⁶ This funding is targeted at ensuring that individuals can be pulled away from the sources that are causing their radicalization.¹⁵⁵⁷

On 11 March 2020, Congress granted the Targeted Violence and Terrorism Prevention Grant Program USD10 million to provide funding for state, local, non-profits and higher education institutions to help establish or improve the capabilities of preventing targeted violence and extremism.¹⁵⁵⁸

The United States has partially complied its commitment to realising an open, free and secure internet. It has announced policies that focus on a free and secure internet such as in the Targeted Violence and Terrorism Prevention Grant Program grant program, the House of Representatives bill and the DHS Strategic Framework. However, it has not taken action to realize an open internet.

Thus, the United States receives a score of 0.

Analyst: Khurram Shamim

¹⁵⁵¹ National Commission on Online Platforms and Homeland Security Act, House of Representatives, 116th Congress of the United States (Washington DC) 22 October 2019. Access Date: 17 March 2020.
<https://www.congress.gov/bill/116th-congress/house-bill/4782/text>

¹⁵⁵² National Commission on Online Platforms and Homeland Security Act, House of Representatives, 116th Congress of the United States (Washington DC) 22 October 2019. Access Date: 17 March 2020.
<https://www.congress.gov/bill/116th-congress/house-bill/4782/text>

¹⁵⁵³ A Persistent and Evolving Threat: An Examination of the Financing of Domestic Terrorism and Extremism, US House Committee on Financial Services (Washington DC) 15 January 2020. Access Date: 4 February 2020.
<https://financialservices.house.gov/calendar/eventsingle.aspx?EventID=406018>

¹⁵⁵⁴ A Persistent and Evolving Threat: An Examination of the Financing of Domestic Terrorism and Extremism, US House Committee on Financial Services (Washington DC) 15 January 2020. Access Date: 4 February 2020.
<https://financialservices.house.gov/calendar/eventsingle.aspx?EventID=406018>

¹⁵⁵⁵ A Persistent and Evolving Threat: An Examination of the Financing of Domestic Terrorism and Extremism, US House Committee on Financial Services (Washington DC) 15 January 2020. Access Date: 4 February 2020.
<https://financialservices.house.gov/calendar/eventsingle.aspx?EventID=406018>

¹⁵⁵⁶ A Budget for America's Future: 2020-2021, The White House (Washington DC) 10 February 2020. Access Date: 19 March 2020. https://www.whitehouse.gov/wp-content/uploads/2020/02/budget_fy21.pdf

¹⁵⁵⁷ A Budget for America's Future: 2020-2021, The White House (Washington DC) 10 February 2020. Access Date: 19 March 2020. https://www.whitehouse.gov/wp-content/uploads/2020/02/budget_fy21.pdf

¹⁵⁵⁸ Targeted Violence and Terrorism Prevention Grant Program, Department of Homeland Security () 11 March 2020. Access Date: 19 March 2020. <https://www.dhs.gov/tvtgrants>

European Union: 0

The European Union has partially complied with its commitment to realize an open, free and secure internet.

On 1 October 2019, the European Union launched the European Cybersecurity Month to promote cybersecurity practices among individuals and businesses.¹⁵⁵⁹ The campaign hopes to educate such groups about appropriate practices in maintaining and increasing a secure cyber environment.¹⁵⁶⁰

On 7 October 2019, the EU Internet Forum Ministerial Meeting took place where the members committed to an EU-wide crisis protocol that allows governments and internet platforms to respond rapidly and in a coordinated fashion in pursuit of disseminating online terrorist content.¹⁵⁶¹ The meeting ultimately aimed to strengthen cooperation between law enforcement and online platforms within the EU Internet Forum framework.¹⁵⁶²

On 9 December 2019, the European Commission tasked the European Union Agency for Cybersecurity with preparing a “cybersecurity certification candidate scheme for cloud services.”¹⁵⁶³ The project aims to increase trust in a secure cloud infrastructure so that data mobility can become viable in Europe.¹⁵⁶⁴ It will ultimately make businesses, public administrations and individuals more confident that their data will be secure.¹⁵⁶⁵

On 20 May 2020, the EU announced that it will grant EUR49 million for projects that increase the ability to counter cyber threats and the privacy of organizations and individuals within the digital sphere.¹⁵⁶⁶

On 20 May 2020, the European Union announced that it will grant EUR41 million to develop innovative projects on improving digital security.¹⁵⁶⁷ The funding is aimed at developing new ways to increase digital security while also improving privacy and data protection.¹⁵⁶⁸

¹⁵⁵⁹ European Cybersecurity Month: EU promotes security culture among citizens, European Commission (Brussels) 30 September 2019. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/european-cybersecurity-month-eu-promotes-security-culture-among-citizens>

¹⁵⁶⁰ European Cybersecurity Month: EU promotes security culture among citizens, European Commission (Brussels) 30 September 2019. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/european-cybersecurity-month-eu-promotes-security-culture-among-citizens>

¹⁵⁶¹ Fighting Terrorism Online: EU Internet Forum committed to an EU-wide Crisis Protocol, European Commission (Brussels) 7 October 2019. Access Date: 26 August 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6009.

¹⁵⁶² Fighting Terrorism Online: EU Internet Forum committed to an EU-wide Crisis Protocol, European Commission (Brussels) 7 October 2019. Access Date: 26 August 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_19_6009.

¹⁵⁶³ Towards a more secure and trusted cloud in Europe, European Commission (Brussels) 9 December 2019. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/towards-more-secure-and-trusted-cloud-europe>

¹⁵⁶⁴ Towards a more secure and trusted cloud in Europe, European Commission (Brussels) 9 December 2019. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/towards-more-secure-and-trusted-cloud-europe>

¹⁵⁶⁵ Towards a more secure and trusted cloud in Europe, European Commission (Brussels) 9 December 2019. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/towards-more-secure-and-trusted-cloud-europe>

¹⁵⁶⁶ EU grants nearly €49 million to boost innovation in cybersecurity and privacy systems, European Commission (Brussels) 20 May 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-grants-nearly-eu49-million-boost-innovation-cybersecurity-and-privacy-systems>

On 15 June 2020, the European Union announced that it will grant EUR30 million to protect public infrastructure from cyber threats.¹⁵⁶⁹ The policy aims to reduce the capabilities of certain groups from using the internet as a means to generate harm in the physical and digital world.¹⁵⁷⁰ The grant is expected to cover 100 per cent of the costs to achieve this goal and the projects will take place over a two-year period.¹⁵⁷¹

The European Union has partially complied with its commitment to realizing a free, secure and open internet. Through various policy initiatives, the EU has embarked on projects to increase cybersecurity and reduce the possibility of threats from arising, thus realising a secure internet. However, it has not engaged in action to realise an open and free internet.

Thus, the European Union receives a score of 0.

Analyst: Arshia Hassani

¹⁵⁶⁷ EU to dedicate nearly EUR 41 million to innovative projects on digital security, European Commission (Brussels) 20 May 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-dedicate-nearly-eur-41-million-innovative-projects-digital-security>

¹⁵⁶⁸ EU to dedicate nearly EUR 41 million to innovative projects on digital security, European Commission (Brussels) 20 May 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-dedicate-nearly-eur-41-million-innovative-projects-digital-security>

¹⁵⁶⁹ EU grants €38 million for protection of critical infrastructure against cyber threats, European Commission (Brussels) 15 June 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-grants-eu38-million-protection-critical-infrastructure-against-cyber-threats>

¹⁵⁷⁰ EU grants €38 million for protection of critical infrastructure against cyber threats, European Commission (Brussels) 15 June 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-grants-eu38-million-protection-critical-infrastructure-against-cyber-threats>

¹⁵⁷¹ EU grants €38 million for protection of critical infrastructure against cyber threats, European Commission (Brussels) 15 June 2020. Access Date: 15 June 2020. <https://ec.europa.eu/digital-single-market/en/news/eu-grants-eu38-million-protection-critical-infrastructure-against-cyber-threats>

10. Labour and Employment: Opportunities for Youth

“We will also continue to promote employment opportunities for and employability of the young population.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil			+1
Canada			+1
China		0	
France		0	
Germany			+1
India		0	
Indonesia			+1
Italy			+1
Japan			+1
Korea		0	
Mexico			+1
Russia			+1
Saudi Arabia			+1
South Africa			+1
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average		+0.75 (88%)	

Background

Employment has been a key priority of the G20 since the second summit, in London in 2009. There the leaders committed to support those affected by the global financial crisis by creating employment opportunities, implementing income support measures and supporting support employment by stimulating growth, investing in education and training, and enacting active labour market policies, focusing on the most vulnerable.¹⁵⁷² At Pittsburgh in 2009 G20 leaders pledged to implement recovery plans to support decent work, help preserve employment and prioritize job growth.¹⁵⁷³ They also promised to continue to provide income, social protection and training support for the unemployed and those most at risk of unemployment.

At Seoul in 2010 G20 leaders focused on implementing structural reforms to boost and sustain global demand, foster job creation, contribute to global rebalancing and increase growth potential.¹⁵⁷⁴ They agreed, where needed, including through education and training, to increase employment in

¹⁵⁷² G20 Action Plan for Recovery and Reform (London), G20 Information Centre (Toronto) 2 April 2009. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁵⁷³ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

¹⁵⁷⁴ G20 Seoul Summit Leaders’ Declaration, G20 Information Centre (Toronto) 12 November 2010. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2010/g20seoul.html>

quality jobs, boost productivity and thereby enhance potential growth. They pledged to improve the development of employable skills matched to employer and labour market needs in order to attract investment, create decent jobs and increase productivity.

The 2011 Cannes Summit paid a lot of attention to employment issues as well. The leaders made decisions to make taxation more employment-friendly, promote youth employment, encourage the full respect of the fundamental principles and rights at work, and strengthen the social dimension of globalization.¹⁵⁷⁵

Employment was the central issue for the Mexican presidency in 2012. At Los Cabos G20 leaders committed to strengthen cooperation in education, skills development and training policies, including internship and on-the-job training, to support a successful school-to-work transition.¹⁵⁷⁶ They also pledged to develop travel facilitation initiatives to support job creation, quality work, poverty reduction and global growth.

At St. Petersburg in 2013 employment remained in a focus. G20 leaders committed to continue efforts to support inclusive labour markets, with the exchange of country-specific plans or sets of actions, developed as appropriate according to their different constitutional circumstances.¹⁵⁷⁷ The leaders also expressed their intention to stimulate the creation of formal jobs through pro-growth structural reforms in product and labour markets, including by promoting labour market adaptability and efficiency, ensuring adequate labour protection, as well as appropriate tax regimes and other government initiatives that may be required according to national circumstances. Skills development, life-long learning, employment of vulnerable groups and especially young people, vocational training and other issues were also given attention in the St. Petersburg final documents.

In 2014 at Brisbane G20 leaders set the goal of reducing the gap in participation rates between men and women in G20 members by 25 per cent by 2025, taking into account national circumstances, to bring more than 100 million women into the labour force significantly increase global growth.¹⁵⁷⁸ They also reaffirmed their commitment to reducing unemployment among the youth. Employment plans were adopted for the first time.

At Antalya in 2015 G20 leaders committed to reduce the share of young people who are most at risk of being permanently left behind in the labour market by 15% by 2025 in G20 members.¹⁵⁷⁹ They reaffirmed the need to implement the employment plans adopted in Brisbane.

At Hangzhou in 2016 and Hamburg in 2017 the employment agenda shifted towards matching the work force skills with the demands of digital economy. These issues became the centre of attention during the Argentinian presidency in 2018. G20 leaders adopted the G20 Menu of Policy Options for the Future of Work, which included harnessing technology to strengthen growth and productivity, supporting people during transitions and addressing distributional challenges, securing sustainable tax

¹⁵⁷⁵ Cannes Final Declaration, G20 Information Centre (Toronto), 4 November 2011. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

¹⁵⁷⁶ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

¹⁵⁷⁷ G20 Leaders' Declaration St. Petersburg, G20 Information Centre (Toronto), 6 September 2013. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

¹⁵⁷⁸ G20 Leaders' Communiqué Brisbane, G20 Information Centre (Toronto) 16 November 2014. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

¹⁵⁷⁹ G20 Leaders' Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2015/151116-communique.html>

systems, and ensure that the best possible evidence informs decision making.¹⁵⁸⁰ They also reaffirmed their commitment to building an inclusive, fair and sustainable future of work by promoting decent work, vocational training and skills development, including reskilling workers and improving labour conditions in all forms of employment. They recognized the importance of social dialogue in this area, including work delivered through digital platforms, with a focus on promoting labour formalization and making social protection systems strong and portable, subject to national law and circumstances. They also promised to continue fostering cognitive, digital and entrepreneurship skills, and encourage the collection and exchange of good practices. They pledged to promote increasing labour force participation of underrepresented as well as vulnerable groups, including persons with disabilities and implement policies to improve the employment situation of young people, consistent with their promise at Antalya to reduce the share of young people at risk of left behind in the labour market by 15% by 2025.

In 2018 at Buenos Aires leaders pledged to implement policies to improve the employment situation of young people, consistent with the G20 Antalya Youth Goal.¹⁵⁸¹

In 2019 at Osaka G20 leaders pledged to boost job creation and flexible work arrangements, seek to raise quality of employment and enhance employability of workers through lifelong learning as working lives are expected to be longer, and strive towards improving the working conditions for all, including long-term care workers in accordance with national circumstances. They also committed to promote employment opportunities for and employability of youth and focused on women's economic empowerment and employment in agriculture and tourism.

Commitment Features

G20 leaders pledged to promote employment opportunities and employability for youth. This commitment has two components: improved employment opportunities for youth and increased employability of youth.

Improved Employment Opportunities for Youth

This aspect of the commitment requires G20 members to create opportunities for employing young people. It is aimed at the demand side of the labour market. Possible measures include providing incentives for the employers of young specialists, developing apprenticeship programs, organizing internship programs in government bodies, and providing incentives for private and public companies to offer internships.

Increased Employability of Youth

This aspect of the commitment requires G20 members to develop the skills in the young population that are required by the modern labour market. It is aimed at the supply side of the labour market.

Possible measures include financing upskilling and reskilling of young people, developing vocational training programs, developing new specializations in universities to match the needs of the digital economy and developing entrepreneurship programs for the youth.

To achieve full compliance, a G20 member is required to take actions in both priority areas.

¹⁵⁸⁰ G20 Menu of Policy Options for Future of Work, G20 Framework Working Group, G20 Information Centre (Toronto) 12 July 2018. Access Date: 4 April 2020
http://www.g20.utoronto.ca/2018/g20_menu_of_policy_options_for_the_future_of_work_0.pdf

¹⁵⁸¹ G20 Leaders' declaration. Building consensus for fair and sustainable development, G20 Information Centre (Toronto) 1 December 2020. Access date: 8 April 2020. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

Scoring Guidelines

-1	G20 member did not take any actions to promote youth employment by creating opportunities for youth employment or promoting skills development in youth.
0	G20 member took actions EITHER to create opportunities for youth employment OR to promote skills development in youth.
+1	G20 member took actions BOTH to create opportunities for youth employment AND to promote skills development in youth.

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment on youth employment.

In 2019, the Argentinian government held a number of job fairs for the young people in different provinces of the country. The aim of these fairs is to help young people prepare for the job search and provide the opportunity to train and receive expert advice to develop their projects. The priority is to continue provide them with tools to facilitate their insertion in quality jobs.¹⁵⁸²

On 6 September 2019, the national government announced a 40 per cent increase in “Progresar” Scholarships. These educational scholarships benefit university students, vocational training and compulsory education from all over Argentina, and their objectives are to promote and accompany academic progress, achieve greater inclusion, promote careers in strategic areas for the economic and productive development of the country and stimulate students to advance their studies with better training.¹⁵⁸³

On 30 October 2019, the Ministry of Labour and Employment adopted resolution 2021/2019, which launches the program facilitating the meetings with the leaders of youth trade unions. The main objective of the program is to create a space for dialogue, discussion and exchange between youth trade union leaders on issues related to the world of work and promoting their empowerment. The program has the following primary actions:

- a. Plans for training youth who are capable of occupying leadership positions in the medium term, both in the union and business spheres.
- b. Skill training spaces for a changing labour market, developing personal and group leadership skills in young people.
- c. Spaces for reflection on the central themes that make current management of work issues, and can promote discussions by productive sector.
- d. Research and debates on labor relations and the impact of changes in the ways of organizing production and work in the framework of the Future of Work.¹⁵⁸⁴

On 20 November 2019, the National Action Plan “Young Safe Work” for Argentina was presented. This national action plan adopts the guidelines of a project promoted by the International Labour Organization’s Country Office for Argentina, called Young Safe Work: Building a Generation of Safe

¹⁵⁸² La Plata: 4000 jóvenes visitaron la Feria Futuro, Government of Argentina (Buenos-Aires) 13 September 2019.

Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/la-plata-4000-jovenes-visitaron-la-feria-futuro>

¹⁵⁸³ El Gobierno nacional anunció un aumento del 40% en las Becas Progresar, Government of Argentina (Buenos-Aires) 6 September 2019. Access date: 10 May 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-anuncio-un-aumento-del-40-en-las-becas-progresar>

¹⁵⁸⁴ Resolución 2021/2019, Government of Argentina (Buenos-Aires) 30 October 2019. Access date: 20 May 2020. <https://www.boletinoficial.gob.ar/detalleAviso/primera/220438/20191101>

and Healthy Workers, which also has funding from the United States Department of Labor. The project will work on research, training and policy.¹⁵⁸⁵

Argentina has taken several measures to increase the employability of young people, but actions on promoting opportunities for youth employment were registered yet.

Thus, it receives a score of 0.

Analyst: Irina Popova

Australia: +1

Australia has fully complied with the commitment on youth employment.

On 13 March 2020, the Australian Government announced its Economic Response to the Coronavirus package, which included measures to support the employment of apprentices and trainees.¹⁵⁸⁶ The measure provides for a 50 per cent subsidy for wages paid to apprentices between January to March 2020 for employers and is available to small businesses.¹⁵⁸⁷

On 5 May 2020, the Department of Education, skills and Employment of the Australian Government announced the launch of the second round of the Australian Government's Commonwealth Scholarships Program for Young Australians. The scholarships under the program offer vocational education and training grants of up to AUD10,000 plus AUD3,000 for a work placement or internship. The Commonwealth Scholarships Program for Young Australians is a part of the Australian Governments AUD585 million Delivering Skills for Today and Tomorrow package.¹⁵⁸⁸

Australia took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

Brazil: +1

Brazil has fully complied with the commitment on youth employment.

On 25 October 2019, Special Secretariat for Productivity, Employment and Competitiveness (Sepc) of the Ministry of Economy launched the first stage of the professional qualification policy for the youth. In the first stage, two thousand unemployed youths, between 18 and 29 years old, will be

¹⁵⁸⁵Se presentó el Plan de Acción Nacional “Trabajo Seguro Joven” para Argentina, Government of Argentina (Buenos-Aires) 20 November 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/se-presento-el-plan-de-accion-nacional-trabajo-seguro-joven-para-argentina-0>

¹⁵⁸⁶Economic Response to the Coronavirus, Australian Government (Canberra) 13 March 2020. Access Date: 14 May 2020. https://treasury.gov.au/sites/default/files/2020-03/Overview-Economic_Response_to_the_Coronavirus_2.pdf.

¹⁵⁸⁷ Supporting Apprentices and Trainees, Department of Education, skills and Employment of the Australian Government (Canberra) 13 March 2020. Access Date: 14 May 2020. <https://www.employment.gov.au/supporting-apprentices-and-trainees>.

¹⁵⁸⁸ Commonwealth Scholarships Program skilling young Australians for the future, Department of Education, skills and Employment of the Australian Government (Canberra) 5 May 2020. Access Date: 14 May 2020. <https://www.employment.gov.au/newsroom/commonwealth-scholarships-program-skilling-young-australians-future>.

selected.¹⁵⁸⁹ Of this total 800 will be enrolled in the courses and the remaining 1,200 will form the so-called control group — the basis of comparison for employability. The goal of the program is facilitating employability of unemployed young people, in an amount equal to or greater than 8 per cent compared to the control group, through professional qualification for 800 young people.¹⁵⁹⁰

On 11 November 2019, the government launched the Green Yellow Program. It aims at encouraging the hiring of young people, the insertion of people with disabilities and rehabilitated (workers who had to leave professional activities due to an accident or illness) and microcredit for low-income people. The set of measures is expected to benefit about four million people in three years. The initiative should be responsible for the opening of 1.8 million vacancies in a period of three years. As a way to encourage companies to hire these workers, the government will remove or reduce some employers' payroll obligations. Employers will not, for example, need to pay the employer's contribution to the National Institute of Social Security (20 per cent on payroll), System S rates and the education allowance.¹⁵⁹¹

On 27 November 2019, it was announced that Ministry of Citizenship will invest up to BRL500,000 in the development of professional qualification courses for young people between 14 and 21 years old who are enrolled in the Single Registry and who comply with socio-educational measures in a closed regime. The transfer, through the National Secretariat for Social Inclusion and Urban Productivity, will be made after a selection process involving the municipalities that are part of the Em Frente, Brasil program, chosen by the Ministry of Justice and Public Security, due to the high crime rates.¹⁵⁹²

Brazil took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

Canada: +1

Canada has fully complied with the commitment on youth employment.

On 3 March 2020, Prime Minister Justin Trudeau announced an investment through the Youth Employment and Skills Strategy aimed at helping young Canadians “who are facing barriers to employment.” The initiative provides financial support for job placements and skills development services to young people, as well as job coaching services, mental health support, clothes for job interviews, daycare services for parents, and subsidized internet access to help with job searches. Overall, the Government of Canada provides CAD492 million through the Youth Employment and

¹⁵⁸⁹ Edital do Governo pretende inserir jovens do mercado de trabalho, Government of Brazil (Brasilia) 30 October 2019. Access date: 20 May 2020. <https://www.gov.br/pt-br/noticias/trabalho-e-previdencia/2019/10/edital-do-governo-pretende-inserir-jovens-do-mercado-de-trabalho>

¹⁵⁹⁰Pregão Eletrônico Nº 8/2019 — UASG 170607, Government of Brazil (Brasilia) 25 October 2019. Access date: 20 May 2020. <http://www.in.gov.br/web/dou/-/aviso-de-licitacao-22390901>

¹⁵⁹¹ Programa #VerdeAmarelo deve beneficiar 4 milhões de pessoas em três anos, Government of Brazil (Brasilia) 11 November 2019. Access date: 20 May 2020. <https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2019/11/programa-verdeamarelo-deve-beneficiar-4-milhoes-de-pessoas-em-tres-anos>

¹⁵⁹² Ministério da Cidadania investe em cursos de qualificação profissional de jovens, , Government of Brazil (Brasilia) 27 November 2019. Access date: 20 May 2020. <https://www.gov.br/pt-br/noticias/assistencia-social/2019/11/em-frente-brasil-ministerio-da-cidadania-investe-ate-r-500-mil-para-capacitacao-de-jovens>

Skills Strategy. The strategy includes measures in skills development, career coaching and work experience attainment.¹⁵⁹³

On 8 April 2020 Prime Minister Trudeau announced temporary changes to Canada Summer Jobs program for 2020 in response to the COVID-19 outbreak. The program provides paid opportunities for all youth between the ages of 15 and 30 to develop and improve their skills within the not-for-profit, small business and public sectors. The program also supports the delivery of key community services to Canadians. The flexibilities introduced in 2020 include allowing employers to offer part-time positions, and an extension of the hiring period to the end of February 2021.¹⁵⁹⁴

On 15 May 2020, Minister of Employment, Workforce Development and Disability Inclusion Carla Qualtrough launched the hiring period for Canada Summer Jobs 2020 initiative. Through the initiative, the job opportunities available across the country are being posted to the Job Bank website. The initiative is aimed at young Canadians looking for summer jobs during the COVID-19 pandemic.¹⁵⁹⁵

Canada took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

China: 0

China has partially complied with the commitment on promotion of youth employment.

On 10 September 2019, the Chinese town Manzhouli hosted the first China-Russia-Mongolia forum on youth entrepreneurship. The three-day event is aimed at promotion of cooperation among young entrepreneurs of the three countries. On the margins of the event, 12 joint projects worth more than RMB600 million were approved. These projects would promote transboundary investment cooperation, boost agricultural production, etc.¹⁵⁹⁶

On 15 October 2019, the South China University of Technology, a public university, launched an initiative aimed at promotion of youth innovative entrepreneurship among Chinese and Russian youth. There were 11 participants from Russia. The participants visited several key innovative facilities of Guangzhou including a mainframe computer.¹⁵⁹⁷

China is taking steps aimed at increasing employability of the youth, but no evidence proving that China is improving employment opportunities for younger generation has been found.

¹⁵⁹³ The Prime Minister announces investment to help young people get jobs, Prime Minister of Canada (Ottawa) 3 March 2020. Access Date: 14 May 2020. <https://pm.gc.ca/en/news/news-releases/2020/03/03/prime-minister-announces-investment-help-young-people-get-jobs>.

¹⁵⁹⁴ Canada Summer Jobs start rolling out to keep young people working during COVID-19, Government of Canada (Ottawa) 15 May 2020. Access Date: 16 May 2020. <https://www.canada.ca/en/employment-social-development/news/2020/05/canada-summer-jobs-start-rolling-out-to-keep-young-people-working-during-covid-19.html>.

¹⁵⁹⁵ Canada Summer Jobs start rolling out to keep young people working during COVID-19, Government of Canada (Ottawa) 15 May 2020. Access Date: 16 May 2020. <https://www.canada.ca/en/employment-social-development/news/2020/05/canada-summer-jobs-start-rolling-out-to-keep-young-people-working-during-covid-19.html>.

¹⁵⁹⁶ The First China-Russia-Mongolia Youth Entrepreneurship Forum Held in Manzhouli, People's Daily Online 12 September 2019 (Beijing). Access date: 23 March 2020. <http://russian.people.com.cn/n3/2019/0912/c31516-9614398.html>

¹⁵⁹⁷ Russia-China Youth Entrepreneurship Exchange Program Started in Guangzhou, People's Daily Online 16 October 2019 (Beijing). Access date: 23 March 2020. <http://russian.people.com.cn/n3/2019/1016/c31516-9623165.html>

Thus, China receives a score of 0.

Analyst: Alexander Ignatov

France: 0

France has partially complied with the commitment on promotion of youth employment.

On 21 November 2019, Minister of Labour Muriel Pénicaud launched My Training Account, the new public service for vocational training. It will benefit 25 million employees and job seekers will benefit from the first day.¹⁵⁹⁸

On 6 February 2020, the government renewed its commitment to vocational education by announcing the 23 winners of the Campus des Métiers et des Qualifications call for projects. Among them, 12 campuses benefit from the support of the Investments for the Future Program. As part of the Investments for the Future Program, 24 applications were eligible; 12 campuses were finally selected for a total funding request of 26 million euros. Among them, project leaders coming from all over France whose ambitions vary according to the territory concerned such as:

- The University of Rennes 1 offers, for example, the creation and promotion of training courses that meet the needs expressed by companies in the digital and photonics field.
- In the French overseas departments and territories, the University of Reunion aims to gradually deploy devices and actions to increase the skills of professionals and apprentices in the field of digital construction.
- In Île-de-France, the Community of Universities and Establishments Paris-Seine plans to bring together players of excellence in training with those of culture and creation in order to raise the general level in the field culture and fostering the transmission and professionalization of art and heritage professions.¹⁵⁹⁹

France has taken measures on increasing employability of the youth, but no actions to improve employment opportunities for younger generation were registered yet.

Thus, it receives a score of 0.

Analyst: Irina Popova

Germany: +1

Germany has fully complied with the commitment on youth employment.

In 2019, the German Corporation for International Cooperation (GIZ) implemented the project of youth employment promotion in Serbia. The project focused on improving the employment prospects of young people in deprived regions, taking into account both their needs and the requirements of the labour market. In addition to providing advice tailored to individual needs, the project also set up services for developing social enterprises in order to improve access to and participation in the labour market for disadvantaged population groups. The project promoted

¹⁵⁹⁸ Lancement de Mon Compte Formation : le nouveau service public de la formation professionnelle, Ministry of Labour (Paris) 21 November 2019. Access date: 20 May 2020. <https://travail-emploi.gouv.fr/actualites/presse/invitations-presse/article/lancement-de-mon-compte-formation-le-nouveau-service-public-de-la-formation>

¹⁵⁹⁹ 12 Campus des Métiers et des Qualifications soutenus par le Programme d'investissements d'avenir (PIA), Government of France (Paris) 6 February 2020. Access date: 10 May 2020. <https://www.gouvernement.fr/12-campus-des-metiers-et-des-qualifications-soutenus-par-le-programme-d-investissements-d-avenir-pia>

cooperation between local and national partners, with the aim of assisting local employment initiatives in passing on their knowledge and recommendations to those responsible at national level. This was intended to initiate a dialogue on youth employment between ministries, institutions, experts, young people and employers.¹⁶⁰⁰

In 2019-2020, GIZ in cooperation with the Ministry of Employment and Professional Integration of Morocco implemented the project aimed at employment promotion in Morocco's rural areas. It includes the following measures: observation of local labour market conditions and dialogue at a provincial level; expansion of the network of vocational advice centres to support and help place young job-seekers, and to provide assistance to young entrepreneurs; measures for improving employability, particularly by means of short-term training courses that are adapted for rural areas. The project supports key actors in employment promotion at national and regional levels. This contributes to the permanent establishment of dialogue aimed at disseminating the model and to securing funding via national and regional partners. The project is expected to provide support to 3,000 young people.¹⁶⁰¹

On 6 February 2020, South Africa and Germany signed a joint initiative on the promotion of vocational training aimed at tackling the high unemployment rate in South Africa. German Chancellor Angela Merkel mentioned that education and training of young people are very important for employment, and Germany would like to support South Africa in this regard.¹⁶⁰²

Germany has taken actions in both priority areas related to youth employment. Given the low level of youth and overall unemployment in the country, its actions have been focused mainly on assisting other states.

Thus, Germany receives a score of +1.

Analyst: Andrey Shelepor

India: 0

India has partially complied with the commitment on youth employment.

On 4 October 2019, the Government of India's endeavour to promote a culture of innovation and entrepreneurship — AIM NITI Aayog and UNDP India launched the initiative to accelerate youth-led social entrepreneurship and innovation in India. Through Youth Co:Lab, young entrepreneurs and innovators will get a chance to connect with governments, mentors, incubators and investors, who will help equip them with entrepreneurial skills. The initiative will also convene a series of youth dialogues across several cities such as New Delhi, Hyderabad, Bangalore and Mumbai to promote entrepreneurship across India.¹⁶⁰³

On 2 November 2019, the national initiative YuWaah aimed at imparting skills among the youth and providing employment to more than 300 million young Indians was launched by Women and Child

¹⁶⁰⁰ Youth Employment Promotion in Serbia, German Corporation for International Cooperation. Access Date: 3 April 2020. <https://www.giz.de/en/worldwide/38765.html>.

¹⁶⁰¹ Promoting youth employment in rural areas (PEJ II), German Corporation for International Cooperation. Access Date: 3 April 2020. <https://www.giz.de/en/worldwide/33842.html>.

¹⁶⁰² SA, Germany partner to address youth unemployment, South African Government News Agency 6 February 2020. Access Date: 3 April 2020. <https://www.sanews.gov.za/south-africa/sa-germany-partner-address-youth-unemployment>.

¹⁶⁰³ AIM NITI Aayog, UNDP India join hands to accelerate youth-led social entrepreneurship, innovation in India, UNDP India (New Delhi) 4 October 2019. Access date: 19 May 2020. https://www.in.undp.org/content/india/en/home/presscenter/pressreleases/Atal_Innovation_Mission.html

Development Minister Smriti Irani with an alliance of national and international partners. Supported by UNICEF, Generation Unlimited brings young people together with the private sector, governments, international and local organisations to tackle the urgent challenge of investing in their learning and training so that they are prepared for the complex and fast-changing world of work and can be active and engaged citizens.¹⁶⁰⁴

India is taking steps aimed at increasing employability of the youth, but no evidence proving that China is improving employment opportunities for younger generation has been found.

Thus, India receives a score of 0.

Analyst: Irina Popova

Indonesia: +1

Indonesia has fully complied with the commitment on youth employment.

On 6 September 2019, the Ministry of Finance issued Regulation No. 128 of 2019 (GR 128, 2019), which sets out tax incentives for businesses that invest in developing talent in Indonesia. The Regulation is specific to the incentives offered for training programs, and clarifies that human resource development activities include apprenticeships, work experience programs, vocational programs, and learning activities.¹⁶⁰⁵

On 12 March 2020, Indonesia's Ministry of Manpower, the National Professional Certification Agency, and Bank Indonesia signed a memorandum of understanding for a new framework looking to standardize competencies for financial service providers and uplift the level of local talent in the banking sector. The framework will be implemented in stages starting 1 July 2020 and will be aimed accelerating the establishment of job training institutions and professional certification in the banking sector, among other things.¹⁶⁰⁶

On 19 March 2020, the Indonesian government officially launched the pre-employment card for young job seekers. In 2020 State Budget, President Joko Widodo announced IDR10 trillion (USD645.16 million) for the new stimulus package with incentives for job seekers with age between 18 to 24 years.¹⁶⁰⁷ The pre-employment card program addresses skill shortages, which have become a problem in the country's workforce makeup, as the education system has failed to produce graduates with the skills needed by industry. Unemployment rates of graduates of vocational high schools, that are meant to train students for specific jobs standing at 8.63 per cent of the workforce in February 2019, according to Statistics Indonesia.¹⁶⁰⁸

¹⁶⁰⁴ 'YuWaah' youth skilling initiative to provide jobs to 300 million launched by Unicef, central govt, India Today (Delhi) 2 November 2019. Access date: 19 May 2020. <https://www.indiatoday.in/education-today/news/story/-yuwaah-youth-skilling-initiative-to-provide-jobs-to-300-million-launched-by-unicef-central-govt-1615101-2019-11-02>

¹⁶⁰⁵Tax Incentives for Developing Talent in Indonesia 10 October 2019. Access date: 28 March 2020. <https://www.aseanbriefing.com/news/tax-incentives-for-developing-talent-in-indonesia/>

¹⁶⁰⁶ Skills update in Indonesia: New framework launched for banking sector talent 12 March 2020. Access date: 28 March 2020. <https://www.humanresourcesonline.net/skills-update-in-indonesia-new-framework-launched-for-banking-sector-talent/>

¹⁶⁰⁷ Indonesia Launches Pre-Employment Card for Young Job Seekers 20 March 2020. Access date: 28 March 2020. <https://theinsiderstories.com/indonesia-launches-pre-employment-card-for-young-job-seekers/>

¹⁶⁰⁸'It will be like Go-Food': Jobseekers in Java to get pre-employment cards in April 18 February 2020. Access date: 28 March 2020. <https://www.thejakartapost.com/news/2020/02/18/it-will-be-like-go-food-jobseekers-in-java-to-get-pre-employment-cards-in-april.html>

Indonesia took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Pavel Doronin

Italy: +1

Italy has fully complied with the commitment on youth employment.

On 31 July 2019, the Italian Ministry of Labour and Social Policies reported that nearly 1.5 million Italian youth were registered in the Garanzia Giovani (Youth Guarantee) program as of 30 June 2019.¹⁶⁰⁹ The program is a European Union initiative, realized in Italy through the ministry's National Operative Program Youth Employment Initiative. Under this program all registered youth are offered a guarantee of quality employment opportunity within four months after the completion of education, apprenticeship or loss of employment.¹⁶¹⁰

On 14 February 2020, Prime Minister Giuseppe Conte announced a new long-term plan for territorial development of the southern part of the country — Piano Sud 2030. One of the primary pillars of the plan is to scale up the efforts to improve education and workforce participation of the youth. The Italian government plans to invest approximately EUR123 billion until 2030, with EUR21 billion spent in 2020-2022.¹⁶¹¹

On 24 March 2020, the General Director for Social Support and Education issued a decree allocating EUR15 million for supporting apprenticeships in all regions of Italy.¹⁶¹²

Italy took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment on labour and employment.

According to the World Bank, youth unemployment in Japan in 2019 was at low 4.1 per cent, compared to 12.3 per cent average for high income countries and 11.9 per cent for members of the Organisation for Economic Co-operation and Development.¹⁶¹³ This implies the issue of youth employment is not very pressing in Japan.

On 28 June 2019, Japanese Ambassador to India Kenji Hiramatsu met Union Skill Development and Entrepreneurship Minister Mahendranath Pandey in New Delhi to discuss potential upscaling of a

¹⁶⁰⁹ Garanzia giovani, al 30 giugno 2019 sono quasi 1,5 milioni i giovani registrati al programma, Garanzia Giovani (Rome) 31 July 2019. Access Date: 14 May 2020. <http://www.garanzagiiovani.gov.it/EventiNews/News/Pagine/2019/Garanzia-Giovani-al-30-giugno-2019-sono-quasi-1-5-milioni-i-giovani-registrati-al-programma.aspx>.

¹⁶¹⁰ Programma operativo nazionale Iniziativa Occupazione Giovani, Italian Ministry of Labor and Social Policies (Rome). Access Date: 14 May 2020. <https://www.lavoro.gov.it/temi-e-priorita/europa-e-fondi-europei/focus-on/pon-Iniziativa-occupazione-giovani-Garanzia-giovani/Pagine/default.aspx>.

¹⁶¹¹ Piano Sud 2030, le risorse, Italian Government (Rome) 15 February 2020. Access Date: 14 May 2020. <http://www.governo.it/it/approfondimento/piano-sud-2030-le-risorse/14098>.

¹⁶¹² Decreto di ripartizione risorse Annualità 2019: d.d. n. 4 del 24 marzo 2020, Italian Ministry of Labor and Social Policies (Rome) 24 March 2020. Access Date: 14 May 2020. <https://www.lavoro.gov.it/documenti-e-norme/normative/Documents/2020/DD-n-4-del-24032020-apprend-visti-Ucb-Cdc.pdf>

¹⁶¹³ World Bank Data, Access date: 23 March 2019. <https://data.worldbank.org/indicator/SL.UEM.1524.ZS>

Technical Internship Training Programme to empower the Indian youth with more technical skills and increase their employment opportunities.¹⁶¹⁴

On 8 August 2019, it was reported that Japan's government started developing a system to engage socially withdrawn shut-ins under the age of 40 and children who refuse to attend school so that they could consult local governments and 97 local consultation centers for children and young people via social networking services, with the goal to lead young people to returning to school or finding employment.¹⁶¹⁵

On 17 July 2019, the Japan International Cooperation Agency signed a grant agreement with the Government of the Kyrgyz Republic in Bishkek to provide grant aid of up to JPY302 million for the Human Resource Development Scholarship project.¹⁶¹⁶

On 29 July 2019, the Japan International Cooperation Agency signed a grant agreement with the Government of Republic of the Union of Myanmar in Nay Pyi Taw, to provide grant aid of up to JPY2,726 billion for the Project for the Japan-Myanmar Aung San Vocational Training Institute that with Japanese expertise will serve as model school for the training of skilled workers in line with the requirements of the labour market and industry in Myanmar.¹⁶¹⁷

On 19 August 2019, it was reported that Japan's labour ministry had decided to expand the scope of its youth job support initiative to cover people up to age 50 to cope with an increase in middle-aged people out of work; extension of the program for comprehensive employment support, which includes consultations, work experience programs and job interview training at 177 support stations nationwide, was scheduled to start from April 2020.¹⁶¹⁸

On 30 October 2019, Japan's Ministry of Economy, Trade and Industry opened a call for applicants for the Young Professionals Japan Program, with the goal to foster human resources in the field of international standardization who are able to exercise leadership in negotiations at meetings of the International Organization for Standardization (ISO) and the International Electrotechnical Commission.¹⁶¹⁹

On 24 February 2020, the Japanese Ambassador to Rwanda Masahiro Imai signed grant contracts with two Rwandan non-profit organizations worth around USD400,000, to finance the road repairing skills among youth and the construction of new classrooms for a primary school in Nyanza District.¹⁶²⁰

¹⁶¹⁴ India, Japan discuss strengthening collaboration in skill development, The Economic Times 28 June 2019. Access date: 23 March 2019. <https://economictimes.indiatimes.com/news/economy/foreign-trade/india-japan-discuss-strengthening-collaboration-in-skill-development/articleshow/69993926.cms>

¹⁶¹⁵ Japanese gov't aims to help young social recluses with SNS consultation system, The Mainichi 8 August 2019. Access date: 23 March 2019. <https://mainichi.jp/english/articles/20190808/p2a/00m/0na/014000c>

¹⁶¹⁶ Signing of Grant Agreement with the Kyrgyz Republic:Rebuilding a bridge on a highway to contribute to smooth logistics and providing young government officials with opportunities to learn from Japan's wide-ranging experiences, JICA 18 July 2019. Access date: 23 March 2019. <https://www.jica.go.jp/english/news/press/2019/2019071821.html>

¹⁶¹⁷ Signing of Grant Agreement with Myanmar: Contributing to human resource development through the development of a vocational training institute employing Japanese expertise, JICA 30 July 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20190729_11_eg.html

¹⁶¹⁸ Youth job support program to cover unemployed Japanese up to 50 years old, Japan Times 19 August 2020. Access date: 23 March 2019. <https://www.japantimes.co.jp/news/2019/08/19/business/youth-job-support-program-cover-unemployed-japanese-50-years-old/#.XnjhHeozapp>

¹⁶¹⁹ Call for Applicants for the Young Professionals Japan Program, Japan's METI 30 October 2019. Access date: 23 March 2019. https://www.meti.go.jp/english/press/2019/1030_003.html

¹⁶²⁰ Two local NGOs secure Rwf 360m Japanese funding for education, roads, The New Times 24 February 2020. Access date: 23 March 2019. <https://www.newtimes.co.rw/latest-news/two-local-ngos-secure-rwf-360m-japanese-funding-education-roads>

On 26 February 2020, it was reported that Japan's government pledged almost USD900,000 as grant for development assistance in Cambodia, including for the purposes of youth capacity building.¹⁶²¹

On 3 March 2020, Japanese Ambassador to Iraq Hashimoto Naofumi and Representative of UNESCO to Iraq Paolo Fontani signed an agreement in Baghdad in support of the project to support job creation for youth in Mosul; the project aims to foster sustainable job creation for youth through quality training for skilled construction workers; Japan's investment in this project will amount to USD41 million.¹⁶²²

Japan took steps to both improve employment opportunities and increase employability of the youth, thus, it is awarded a score of +1.

Thus, Japan receives a score of +1.

Analyst: Pavel Doronin

Korea: 0

Korea has partially complied with the commitment on promotion of youth employment.

On 18 September 2019, the government announced its proposals to improve the situation of the key workforce amid declining and aging population. The mid-term goal of the proposals is to create better working conditions for younger generation as well as elderly. One of the plans under review is the introduction of an incentive system, allowing long-term residence to qualified foreign national workers. Candidates will be selected upon the recommendation of technical colleges and manufacturing industries in underpopulated areas.¹⁶²³

Korea is taking steps aimed at increasing employability of the youth, but no facts proving that Korea is taking steps aimed at improving employment opportunities for younger generation have been found.

Thus, Korea receives a score of 0.

Analyst: Alexander Ignator

Mexico: +1

Mexico has fully complied with the commitment on youth employment.

On 7 August 2019, Minister of Labour and Social Security Luisa María Alcalde Luján invited the private sector to continue working hand in hand to support the job placement of apprentices who will complete their training in 2020.¹⁶²⁴

On 12 August 2019, Secretary of Agriculture and Rural Development announced that the beneficiaries of the Production for Well-Being Program have the opportunity to designate a young person, whether it be their son, grandson, nephew, neighbor or acquaintance, as an apprentice; so

¹⁶²¹ Japan pledges nearly \$900,000 to improve Kingdom's agriculture, Khmer Times 26 February 2020. Access date: 23 March 2019. <https://www.khmertimeskh.com/50695195/japan-pledges-nearly-900000-to-improve-kingsdoms-agriculture>

¹⁶²² Japan, UNESCO agreement on Job Creation for Youth in Mosul, MENAFN 7 March 2020. Access date: 23 March 2019. <https://menafn.com/1099817907/Japan-UNESCO-agreement-on-Job-Creation-for-Youth-in-Mosul>

¹⁶²³ S. Korea to revamp workforce system amid population decline, the Korea Herald (Seoul) 18 September 2019. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20190918000718&np=99&mp=10>

¹⁶²⁴ Jóvenes Construyendo el Futuro ha cerrado las brechas de competencias laborales en México: Luisa Alcalde, Mexican Government (Mexico City) 7 August 2019. Access date: 20 May 2020. <https://www.gob.mx/stps/prensa/jovenes-construyendo-el-futuro-ha-cerrado-las-brechas-de-competencia-laboral-en-mexico-luisa-alcalde>

that they participate in the work of cultivation and harvesting of corn, beans, or cornfields. Young people will receive a monthly scholarship of MXN3,600 provided by the Youth Building the Future Program, of the Ministry of Labour and also firm technical training aimed at assuming sustainable agricultural practices, friendly to the environment by the Undersecretariat of Food and Competitiveness.¹⁶²⁵

On 7 October 2019, civil association Fondo Unido Chihuahua and the College of Technical Professional Education of Chihuahua, through the Technological Assistance and Services Centres, signed a collaboration agreement for the implementation of the project called General Technical Training Program, which main objective is to train and link young people from vulnerable areas with employers, focusing efforts on the current demand of the industrial sector.¹⁶²⁶

On 4 November 2019, the Agrarian Attorney's Office incorporated in its structure young professionals who will contribute, through their field training, to sustainable rural development, as well as to the fulfillment of the goals, programs and objectives established by the Institution for the benefit of the inhabitants of the rural environment.¹⁶²⁷

On 5 November 2019, Undersecretary of Employment Horacio Duarte presented before authorities of the Republic of Honduras, the operation mechanism that allows apprentices to gain experience in the labor market in companies, workshops and businesses in 2,457 municipalities in the country.¹⁶²⁸

On 16 January 2020, Undersecretary of Employment of the Ministry of Labour and Social Welfare Horacio Duarte Olivares presented the Month 13 strategy that will allow Youth Building the Future programme fellows to complete their employment relationship, obtain a job, undertake projects for self-employment or resume their studies. Upon completing their job training, the scholarship holders will be able to obtain a certification, as well as face-to-face online courses to expand their knowledge. The National Employment Service will promote the entry to the Job Bank with more than 60,000 jobs to offer, face-to-face and personalized attention so that they can find a job opportunity.¹⁶²⁹

On 5 March 2020, it was announced that graduates of Youth Building the Future may join the Tandas for Well-Being program. It means that young people trained in 2019 will be able to apply for a first credit to the floor, without interest, to create a micro-business.¹⁶³⁰

¹⁶²⁵ Jóvenes: el futuro del campo mexicano, Mexican Government (Mexico City) 12 August 2019. Access date: 20 May 2020. <https://www.gob.mx/agricultura/es/articulos/jovenes-el-futuro-del-campo-mexicano?idiom=es>

¹⁶²⁶ Implementarán programa de capacitación técnica en CAST CONALEP, Mexican Government (Mexico City) 7 October 2019. Access date: 20 May 2020. <https://www.gob.mx/conalep/es/articulos/implementaran-programa-de-capacitacion-tecnica-en-cast-conalep?idiom=es>

¹⁶²⁷ Procuraduría Agraria incorpora a Becarios Campesinos, como parte del Programa "Jóvenes Construyendo el Futuro", Mexican Government (Mexico City) 4 November 2019. Access date: 20 May 2020.

<https://www.gob.mx/pa/articulos/procuraduria-agraria-incorpora-a-becarios-campesinos-como-parte-del-programa-jovenes-construyendo-el-futuro?idiom=es>

¹⁶²⁸ Exporta STPS el Programa Jóvenes Construyendo el Futuro a Centroamérica; presenta alcances a comitiva de Honduras, Mexican Government (Mexico City) 5 November 2019. Access date: 20 May 2020.

<https://www.gob.mx/stps/prensa/exporta-stps-el-programa-jovenes-construyendo-el-futuro-a-centroamerica-presenta-alcances-a-comitiva-de-honduras?idiom=es-MX>

¹⁶²⁹ Presenta STPS estrategia nacional "Mes 13" para Jóvenes Construyendo el Futuro ante titulares de Trabajo de todo el país, Mexican Government (Mexico City) 16 January 2020. Access date: 20 May 2020.

<https://www.gob.mx/stps/prensa/presenta-stps-estrategia-nacional-mes-13-para-jovenes-construyendo-el-futuro-ante-titulares-de-trabajo-de-todo-el-pais-232060>

¹⁶³⁰ Egresados de "Jóvenes Construyendo el Futuro" podrán incorporarse a las "Tandas para el Bienestar", Mexican Government (Mexico City) 5 March 2020. Access date: 20 May 2020. <https://www.gob.mx/se/articulos/egresados-de-jovenes-construyendo-el-futuro-podran-incorporarse-a-las-tandas-para-el-bienestar?idiom=es>

Mexico took steps to both improve employment opportunities and increase employability of the youth, thus, it is awarded a score of +1.

Thus, Mexico receives a score of +1.

Analyst: Irina Popova

Russia: +1

Russia has fully complied with the commitment on youth employment.

On 19 July 2019, Russian Ministry of Labour and Social Protection informed on a set of measures to socialize young people who need special care of the state to be carried out in July-August 2019. The main events were the Wings of Opportunity Inclusive platforms held in Novosibirsk on 29 July and in Arkhangelsk on 1 August. On 26-29 August, the Wings of Opportunity All-Russian Creative Studio was held in Moscow. The main objectives of the events were to identify problems facing modern youth with disabilities and preventing comfortable social adaptation, creative and professional development, self-realization in the modern world, as well as finding the most effective and creative solutions to the problems identified. The participants were young people aged 18 to 30, heads of relevant departments and public organizations dealing with problems of people with disabilities; leaders of socially oriented non-profit organizations; and regional opinion leaders.¹⁶³¹

On 24 September 2019, Russian Deputy Minister of Labour and Social Protection Alexei Cherkasov took part in the roundtable on the Future of the Youth Labor Sphere: Strategic Partnerships in the Field of Youth Employment on the margins of the 74th session of the UN General Assembly. The event was co-organized by the Ministry of Labour and Social Protection of the Russian Federation, the Ministry of Foreign Affairs of the Russian Federation, and the International Labour Organization. According to Minister Cherkasov, almost 2.5 million people half of whom are aged 14-29 annually receive public career guidance services in Russia. He also mentioned that Russia carries out work to increase the prestige of working professions and technical specialties. To organize direct interaction between employers and graduates of colleges and universities, state employment service agencies regularly hold job fairs and trainings fairs. Minister Cherkasov said one of the directions of ensuring youth employment is the organization of internships for graduates. Executive bodies of all levels cooperate with employers to develop human resources through attracting young people to working professions, and promoting initiatives to preserve and develop the human resources of organizations.¹⁶³²

On 13 November 2019, Russian Deputy Minister of Agriculture Oksana Lut informed that in 2020 the Ministry of Agriculture would implement the program “Integrated development of rural areas” worth RUB36 billion. It is aimed, inter alia, at employment promotion, particularly for youth. Enterprises in the agribusiness sector will send 1,236 people to targeted training to support youth employment, and state support for training 6,700 students in this sector would be provided.¹⁶³³

On 15 November 2019, the Russian Ministry of Labour and Social Protection determined competitive nominations of the All-Russian contest of professional skills Best in Profession for 2020.

¹⁶³¹ A set of measures on “Socialization of youth in need of special care of the state”, Russian Ministry of Labour and Social Protection 29 July 2019. Access Date: 3 April 2020. <https://rosmintrud.ru/events/1260>.

¹⁶³² Deputy Minister Alexei Cherkasov: Russia will continue to work actively to promote youth employment, Russian Ministry of Labour and Social Protection 24 September 2019. Access Date: 3 April 2020. <https://rosmintrud.ru/employment/cooperation/14>.

¹⁶³³ On the progress of activities aimed at developing rural areas and improving the quality of life of rural residents, as part of the implementation of national projects, Government of the Russian Federation 13 November 2019. Access Date: 3 April 2020. <http://government.ru/news/38321/>.

Deputy Minister of Labour and Social Protection of the Russian Federation and Deputy Chair of the Organizing Committee of the competition Vsevolod Vukolov stressed the need to popularize the competition among young people and recommended that regional executive authorities attract youth, including from technical and vocational schools and institutions to the federal stages of the competition. It is in line with the objective of the competition assistance to attract young people to studies and jobs in working professions.¹⁶³⁴

On 25 December 2019, the Russian Ministry of Labour and Social Protection summed up the results of the All-Russian 2019 contest “Best Personnel Practices and Initiatives in the System of State and Municipal Administration.” The purpose was to identify and disseminate best personnel practices in the state and municipal governments. One category of the contest is “Career guidance, volunteering and youth engagement (internships and apprenticeships).¹⁶³⁵

Russia has taken actions in both priority areas related to youth employment.

Thus, it is awarded a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: +1

Saudi Arabia has fully complied with the commitment on promotion of youth employment.

On 9 December 2019, the Saudi Minister of Labour and Social Development amended the Saudization job promotion program. The Nitaqat program is aimed at promotion of Saudi nationals’ employment in private sector. The amendments include changes in the system of attribution of private companies that defines a company’s status: platinum, red and green (the yellow category has been abolished). The minister explained the decision as a measure encouraging companies to move into higher categories that would increase employability.¹⁶³⁶

On 26 December 2019, the Saudi Arabian Monetary Authority announced the launch of its specialized program, the Professional Learning Partnership, in support of the financial services industry. The program targets recent Saudi accounting or finance graduates of accredited local or international universities. The program aims at equipping graduates with practical skills and knowledge to boost their professional opportunities in the banking industry.¹⁶³⁷

On 14 January 2020, the Saudi Human Resource Development Fund (Hadaf) launched a youth employment in private sector promotion program. Hadaf would provide selected young specialists with a competitive monthly wage that would provide the Saudi youth with extra employment opportunities and working experience.¹⁶³⁸

¹⁶³⁴ Nominations for the Best in Profession Contest for 2020 Determined, Russian Ministry of Labour and Social Protection 15 November 2019. Access Date: 3 April 2020. <https://rosmintrud.ru/labour/relationship/370>.

¹⁶³⁵ The winners of the contest of best personnel practices and initiatives in the system of state and municipal government, Russian Ministry of Labour and Social Protection 25 December 2019. Access Date: 3 April 2020. <https://rosmintrud.ru/labour/29>.

¹⁶³⁶ Minister abolishes Saudization employment category to boost job opportunities, Arab News 04 December 2019. Access date: 27 March 2020. <https://www.arabnews.com/node/1594201/saudi-arabia>

¹⁶³⁷ SAMA Launches the Professional Learning Partnership for Recent Graduates, Saudi Arabian Monetary Authority (Riyadh) 26 December 2019. Access date: 30 March 2020. <http://www.sama.gov.sa/en-US/News/Pages/news-388.aspx>

¹⁶³⁸ Campaign promotes employment of Saudis in the private sector, Arab News 14 January 2020. Access date: 27 March 2020. <https://www.arabnews.com/node/1613181/saudi-arabia>

Saudi Arabia is taking steps aimed at increasing employability of the youth and improving employment opportunities for younger generation.

Thus, Saudi Arabia receives a score of +1.

Analyst: Alexander Ignatov

South Africa: +1

South Africa has fully complied with the commitment on promotion of youth employment.

On 7 February 2020, the Government of South Africa published the Draft National Youth Policy for 2020–2030. One of the main goals of the proposed program is reduction of unemployment among younger population. Among suggested measures are promotion of digital literacy as a part of school curriculum and inclusion of practical subjects such as entrepreneurship, technical skills and handwork.¹⁶³⁹

On 13 February 2020, President Cyril Ramaphosa delivered the 2020 State of the Nation address in which he tackled the problem of youth unemployment. President Ramaphosa announced the Presidential Youth Employment Intervention — a five-year program covering six priority areas. These areas are: creating job opportunities for young people in South Africa's economy; provision of flexible courses in specific skills; promotion of youth entrepreneurship and self-employment; expansion of the Youth Employment Service and promotion of participation of private entities to provide the youth with practical working skills; establishment of the first cohort of a Presidential Youth Service program to unlock the agency of young people and provide them with opportunities to earn an income and take part in nation building; relocation of 1 per cent of the budget to deal with the high youth unemployment.

On 13 February 2020, the government announced it will allocate extra funding to tackle youth unemployment. The government endeavours to create jobs as well as promote youth entrepreneurship and self-employment by means of introduction of new vocational training programs.¹⁶⁴⁰

On 24 April 2020, the state-led Council for Scientific and Industrial Research and the non-governmental organization Youth Employment Service entered into a partnership to prepare young people for employment by providing them with technical skills and relevant work opportunities. The parties signed a sponsored host placement agreement to address skills promotion among youth.¹⁶⁴¹

South Africa is taking steps aimed at increasing employability of the youth and improving employment opportunities for younger generation.

Thus, South Africa receives a score of +1.

Analyst: Alexander Ignatov

¹⁶³⁹ Draft National Youth Policy 2020-2030, Government Gazette 07 February 2020. Access date: 25 March 2020.

https://www.gov.za/sites/default/files/gcis_document/202002/4299gen48.pdf

¹⁶⁴⁰ Government allocates funds to reduce youth unemployment, South African Government News Agency (Pretoria) 13 February 2020. Access date: 25 March 2020. <https://www.sanews.gov.za/south-africa/government-allocates-funds-reduce-youth-unemployment>

¹⁶⁴¹ CSIR and YES Join Hands to Create Job Opportunities for SA Youth, CSIR (Pretoria) 24 April 2020. Access date: 15 May 2020. <https://www.csir.co.za/csir-and-yes-join-hands-create-job-opportunities-sa-youth>

Turkey: +1

Turkey has fully complied with the commitment on promotion of youth employment.

On 7 October 2019, the Turkish Cooperation and Coordination Agency (TIKA) opened a vocational training center for underprivileged youths in Karachi, Pakistan, with the goal to provide skilled human resources to the industry, and to give the opportunity to “youngsters from lower and middle income brackets will be able to gain skills, which would subsequently help them in obtaining employment.”¹⁶⁴²

On 24-25 October 2019, TIKA and the United Nations Development Programme Istanbul Regional Hub jointly organized the “Future of Skills” workshop, bringing together experts and authorities from Azerbaijan, Bosnia-Herzegovina, Czech Republic, Estonia, Kazakhstan, North Macedonia, Uzbekistan, Poland, Romania, Russia, Serbia to discuss the issues of skills development and facilitating youth employment; this is a regular activity as part of TIKA’s official development assistance capacity building series.¹⁶⁴³

On 25 December 2019, TIKA opened a desk production and repair workshop in Josina Machel High School, the largest school in Maputo, Mozambique, and provided technical equipment, while lack of desks in classrooms is one of the biggest obstacles to education in Mozambique.¹⁶⁴⁴

On 15 January 2020, TIKA built workshops at the Jowzjan Vocational and Technical Training Institute in Afghanistan for students and teachers engaged in technical and vocational activities.¹⁶⁴⁵

Turkey has taken actions in both priority areas related to youth employment.

Thus, it is awarded a score of +1.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment on youth employment.

On 2 September 2019, the UK Department for Work and Pensions launched the new initiative that will make it easier for parents to find work. The initiative provides for a new website (<https://findajob.dwp.gov.uk>) that will use technology to gather more than 50,000 job ads, all specifically designed with flexible working in mind.¹⁶⁴⁶

On 30 September 2019, the UK Department for Work and Pensions announced two new programs to help disadvantaged young people into work and use mobile technology to help jobseekers into higher paid jobs. The first one provides for the investment of up to GBP1.2 million in Manchester and the West Midlands, dedicating extra time and resources to young people facing the biggest

¹⁶⁴² TIKA sets up vocational center in Pakistan, TIKA 10 October 2029. Access date: 21 March 2020.
https://www.tika.gov.tr/en/news/tika_sets_up_vocational_center_in_pakistan-53729

¹⁶⁴³ Turkey shares its experience with emerging donors at TIKA — UNDP Workshop: “Future of Skills”, TIKA 19 November 2019. Access date: 21 March 2020. https://www.tika.gov.tr/en/news/turkey_shares_its_experience_with_emerging_donors_at_tika_udp_workshop_future_of_skills-54465

¹⁶⁴⁴ TIKA Continues to Strengthen Mozambique’s Education Infrastructure, TIKA 25 December 2019. Access date: 21 March 2020.
https://www.tika.gov.tr/en/news/tika_continues_to_strengthen_mozambique%27s_education_infrastructure-55077

¹⁶⁴⁵ TIKA Built Workshops in a Technical Institute in Afghanistan, TIKA 15 January 2020. Access date: 21 March 2020.
https://www.tika.gov.tr/en/news/tika_built_workshops_in_a_technical_institute_in_afghanistan-55346

¹⁶⁴⁶ New flexi job search that’s not just for mums, UK Government 1 September 2019. Access Date: 3 April 2020.
<https://www.gov.uk/government/news/new-flexi-job-search-that-s-not-just-for-mums>.

hurdles to getting a job, like care-leavers and young offenders. A further GBP2.8 million will be invested into cutting-edge technology to provide jobs apps to recommend the best jobs and skills training to jobseekers and people looking to find better, higher-paid jobs. It will provide local areas with information on local skills supply and demand, and jobseekers or those seeking to progress in work will be able to search for roles based on their skills and experience. The pilot service will show them exactly what new skills they need to move into higher-paid roles available near them.¹⁶⁴⁷

On 28 April 2020, UK Education Secretary Gavin Williamson presented a new online learning platform to help boost people's skills while they are staying at home during the COVID-19 outbreak. The new online platform is hosted on the gov.uk website and is called 'The Skills Toolkit'. It gives people access to free, high-quality digital and numeracy courses.¹⁶⁴⁸

The UK has taken actions in both priority areas related to youth employment.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: +1

The United States has fully complied with the commitment on youth employment.

On 23 October 2019, the United States Department of Labour released a Funding Opportunity Announcement for its Job Corps Scholars Program demonstration project. Through the program, the Department intended to competitively award up to 20 grants to accredited, two-year, public community colleges; accredited, public two- and four-year historically black colleges and universities; and accredited tribally controlled colleges and universities to serve Job Corps-eligible youth and young adults aged 16 to 24 years. The aim of the demonstration project is to strengthen the connection between education and workforce development.¹⁶⁴⁹

On 9 November 2019, President Donald Trump, in his Proclamation on National Apprenticeship Week, committed to "fostering greater opportunity for current and future workers by supporting expanded access to apprenticeships." He said, "By increasing training and educational programs, we will renew our Nation's workforce and help hardworking Americans create a brighter future for themselves and their families while further strengthening our robust economy."¹⁶⁵⁰

On 15 January 2020, the Department of Labor's Office of Disability Employment Policy announced a new competitive initiative to identify and evaluate potential solutions to improve employment outcomes for young adults, aged 14 to 24, who apply for or receive supplemental security income (SSI). Through this initiative the department invited experts' proposals for "innovative and evidence-

¹⁶⁴⁷ £4 million scheme to boost worker earnings and youth employment, UK Government 30 September 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/4-million-scheme-to-boost-worker-earnings-and-youth-employment>.

¹⁶⁴⁸ New free online learning platform to boost workplace skills, UK Government 28 April 2020. Access Date: 15 May 2020. <https://www.gov.uk/government/news/new-free-online-learning-platform-to-boost-workplace-skills>.

¹⁶⁴⁹ U.S. department of labor announces funding opportunities to serve job corps-eligible youth, U.S. Department of Labor (Washington) 23 October 2019. Access Date: 14 May 2020. <https://www.dol.gov/newsroom/releases/eta/eta20191023>.

¹⁶⁵⁰ Presidential Proclamation on National Apprenticeship Week, 2019, White House (Washington) November 2019. Access Date: 14 May 2020. <https://www.whitehouse.gov/presidential-actions/presidential-proclamation-national-apprenticeship-week-2019/>.

based actions” that could increase labour force participation and economic success of the targeted demographic.¹⁶⁵¹

On 6 April 2020, the Department of Labor’s Employment and Training Administration (ETA) announced the availability of USD42.5 million in Youth Apprenticeship Readiness grants. The grants aim to support the enrollment of in-school or out-of-school youth apprentices into new or existing Registered Apprenticeship Programs. The ETA is intended to fund 15 to 25 grants ranging from USD1 million to USD5 million.¹⁶⁵²

On 15 April 2020, the Department of Labor announced the availability of USD73 million in State Apprenticeship Expansion Grants aimed at expanding apprenticeships throughout the country.¹⁶⁵³

On 29 April 2020, the Department of Labor’s Office of Disability Employment Policy announced funding awards under its SSI Youth Solutions initiative, which aims to identify and evaluate strategies for improving employment outcomes for young adults from ages 14 to 24 who apply for or receive SSI. Under the initiative, the office selected 12 projects, aimed at increasing labour force participation among this demographic, which would receive funding based on their proposed ideas and detailed white papers.¹⁶⁵⁴

The United States took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment on youth employment.

On 5 November 2019, European Commission held a webinar on EU Funding Opportunities for Apprenticeships: Erasmus+ and European Social Fund. The Erasmus+ program provides opportunities for young people and adults to acquire skills and promotes the participation of youth in society. It also helps to enhance the quality of teaching and learning, while improving the efficiency of education and training systems. The fund assists millions of people by helping them upgrade their skills and facilitate their integration into the labour market. In doing so, this helps combat social exclusion and poverty.¹⁶⁵⁵

¹⁶⁵¹ U.S. department of labor seeks innovative ideas to improve employment outcomes for youth receiving supplemental security income, U.S. Department of Labor (Washington) 15 January 2020. Access Date: 14 May 2020. <https://www.dol.gov/newsroom/releases/odep/odep20200115>.

¹⁶⁵² U.S. Department of Labor announces availability of \$42.5 million in youth apprenticeship grants, U.S. Department of Labor (Washington) 6 April 2020. Access Date: 14 May 2020. <https://www.dol.gov/newsroom/releases/eta/eta20200406>.

¹⁶⁵³ U.S. Department of Labor announces availability for state apprenticeship expansion grants, U.S. Department of Labor (Washington) 6 April 2020. Access Date: 14 May 2020. <https://www.dol.gov/newsroom/releases/eta/eta20200415>.

¹⁶⁵⁴ U.S. Department of Labor awards 12 recipients for improving employment outcomes for youth receiving supplemental security income, Department of Labor (Washington) 29 April 2020. Access Date: 14 May 2020. <https://www.dol.gov/newsroom/releases/odep/odep20200429>.

¹⁶⁵⁵ Webinar: EU Funding Opportunities for Apprenticeships: Erasmus+ and European Social Fund (ESF), European Commission (Brussels) 5 November 2019. Access date: 18 May 2020. <https://ec.europa.eu/social/main.jsp?eventsId=1522&catId=88&furtherEvents=yes&langId=en&>

On 27 November 2019, the EU budget for 2020 was approved. Parliament increased financing into youth employment and education policies, including EUR50 million for Erasmus+ and EUR28.3 million for the Youth Employment Initiative (with an additional EUR50 million to be added in 2020 if necessary).¹⁶⁵⁶

On 20 February 2020, the European Commission invited social partners from cross-industry level and sectors to a hearing on the Youth Guarantee. The discussion covered topics such as:

- how to better support employability of young people in rural areas
- how to provide young people with digital and green skills
- how social partners will contribute to the effective implementation of a reinforced Youth Guarantee.¹⁶⁵⁷

On 11 May 2020, the European Commission announced that it is providing funding to promote vocational excellence across Europe, with calls for pilot projects published in 2019 and 2020. In 2020 the Commission published a specific call to establish Platforms of Centres of Vocational Excellence with a total budget of EUR20 million to support 5 platforms running for four years. These platforms closely resemble the future model that the European Commission intends to support in the Erasmus program in its 2021-2027 programming period.¹⁶⁵⁸

The European Union took steps to both improve employment opportunities and increase employability of the youth.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

¹⁶⁵⁶ EU budget 2020 approved: investing more in climate, jobs and the young, European Parliament (Brussels) 27 November 2019. Access date: 18 May 2020. <https://www.europarl.europa.eu/news/en/press-room/20191121IPR67118/eu-budget-2020-approved-investing-more-in-climate-jobs-and-the-young>

¹⁶⁵⁷ Dedicated social partner hearing on reinforcing the youth guarantee, European Commission (Brussels) 20 February 2020. Access date: 18 May 2020.

<https://ec.europa.eu/social/main.jsp?langId=en&catId=1079&furtherNews=yes&newsId=9577>

¹⁶⁵⁸ Information on Erasmus+ calls for projects promoting vocational excellence, European Commission (Brussels) 11 May 2020. Access date: 18 May 2020.

<https://ec.europa.eu/social/main.jsp?langId=en&catId=89&newsId=9672&furtherNews=yes>

11. Gender: Education and Training

“[We commit to continue support for girls’ and women’s education and training, including...] improved access to STEM (Science, Technology, Engineering and Mathematics).”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil	-1		
Canada		0	
China	-1		
France		0	
Germany			+1
India			+1
Indonesia	-1		
Italy		0	
Japan		0	
Korea			+1
Mexico		0	
Russia		0	
Saudi Arabia			+1
South Africa		0	
Turkey		0	
United Kingdom		0	
United States		0	
European Union			+1
Average	+0.15 (58%)		

Background

Promoting women’s education and vocational training including access to science, technology, engineering and mathematics (STEM) is fundamental to the global progress on gender equality. Every additional year of school attendance after the primary level helps women’s prospects for employment, health and wellbeing.¹⁶⁵⁹ There has been global progress in achieving women’s education enrollment. More girls than ever before are attending school. According to the 2019 Global Education Monitoring Report, two of every three countries have achieved gender parity in primary education and one of every two countries has accomplished gender parity in lower secondary education enrollment.¹⁶⁶⁰

Despite progress, there are an estimated 15 million girls who do not attend primary school, compared to 10 million boys. Countries with low primary and secondary education rates for girls in particular have shown that there is a correlation of a lack of education and poverty. Some contributing factors that account for this discrepancy is the lack of basic infrastructure such as

¹⁶⁵⁹ SDG 4: Quality Education, UN Women (New York). Access Date: 4 March 2020.

<https://www.unwomen.org/en/news/in-focus/women-and-the-sdgs/sdg-4-quality-education>

¹⁶⁶⁰ Global Education Monitoring Report 2019: Building Bridges for Gender Equality, Global Education Monitoring Report (Paris) 2019. Access Date: 4 March 2020. <https://unesdoc.unesco.org/ark:/48223/pf0000368753>

electricity, the internet, computers and training of primary school teachers in developing countries.¹⁶⁶¹

Women's experience with vocational and technical training are also important for gender parity in traditionally male-dominated industries. According to the World Bank, the strongest predictor of a woman's decision to enter a male-dominated trade is her existing relationships in the relevant industry.¹⁶⁶² Technical training acts as "early points of contact and exposure" for women to enter these industries.¹⁶⁶³ However, vocational and technical training and certain fields such as STEM have continued to be male-dominated. According to UNESCO Institute of Statistics, women make up less than 30% of the world's researchers in science, technology, and innovation.¹⁶⁶⁴

The 2009 London Summit was notable for it marked the first time G20 leaders identified the importance of investing in education and training to support employment. In the G20 Action Plan for Recovery and Reform, the leaders decided to build a fair and family-friendly labour market for both men and women.¹⁶⁶⁵ They also committed to take practical measures to overcome the barriers hindering women's full economic and social participation, and to expand economic opportunities for women in G20 economies.¹⁶⁶⁶ G20 members demonstrated their commitment to advance gender equality in all areas, including skills training, wages and salaries, treatment in the workplace and responsibilities in care-giving.¹⁶⁶⁷

At the 2012 Los Cabos Summit, G20 leaders committed to promote women's full economic and social participation by expanding economic opportunities for women in G20 economies.¹⁶⁶⁸ In particular, G20 leaders committed to advancing gender equality in all areas, including skills training, wages, treatment in the workplace and responsibilities in care giving.¹⁶⁶⁹ In regards to fostering financial inclusion, G20 leaders recognized the need for women and youth to gain access to financial services and financial education. They worked with the Global Partnership for Financial Inclusion, the Organisation for Economic Co-operation and Development and the World Bank to identify barriers women and youth may face.¹⁶⁷⁰ In the Los Cabos Growth and Jobs Action Plan, they

¹⁶⁶¹ Progress towards the Sustainable Development Goals, United Nations Economic and Social Council (New York) 8 May 2019. Access Date: 4 March 2020. <https://undocs.org/E/2019/68>

¹⁶⁶² Female enrollment in male-dominated vocational training courses: preferences and prospects, World Bank (Washington) 30 June 2017. Access Date: 4 March 2020.

<http://documents.worldbank.org/curated/en/698591498812317468/Female-enrollment-in-male-dominated-vocational-training-courses-preferences-and-prospects>

¹⁶⁶³ Female enrollment in male-dominated vocational training courses : preferences and prospects, World Bank (Washington) 30 June 2017. Access Date: 4 March 2020.

<http://documents.worldbank.org/curated/en/698591498812317468/Female-enrollment-in-male-dominated-vocational-training-courses-preferences-and-prospects>

¹⁶⁶⁴ Women in Science, UNESCO Institute of Statistics (Montreal) 19 June 2019. Access Date: 4 March 2020. <http://uis.unesco.org/sites/default/files/documents/fs55-women-in-science-2019-en.pdf>

¹⁶⁶⁵ G20 Action Plan for Recovery and Reform (London), G20 Information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁶ G20 Action Plan for Recovery and Reform (London), G20 information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁷ G20 Action Plan for Recovery and Reform (London), G20 information Centre (Toronto) 2 April 2009. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

¹⁶⁶⁸ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

¹⁶⁶⁹ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

¹⁶⁷⁰ G20 Leaders Declaration Los Cabos, G20 Information Centre (Toronto) 19 June 2012. Access Date: 22 December 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

committed to encouraging the participation of younger workers through apprenticeships, better education and skills development.¹⁶⁷¹

At the 2016 Hamburg Summit, G20 leaders approved the G20 Action Plan on the 2030 Agenda for Sustainable Development. The 2030 Agenda includes **harnessing** digital technologies to advance women's empowerment (Sustainable Development Goal [SDG] 5) and eliminating gender disparities in education (SDG 4). The G20 adopted the #eSkills4Girls initiative under the G20 Action Plan. This initiative tackles the gender digital divide in developing countries, which has been key to hindering girls' and women's access to information and communication technology, by boosting relevant education and employment opportunities.¹⁶⁷²

The 2018 Buenos Aires Summit made promoting quality education one of its top priorities. Under Argentina's G20 presidency, the G20 held the first G20 education ministers' meeting, after the summit, where members repeated their acknowledgement that access to inclusive and quality education in a safe learning environment is fundamental to empowering girls and women.¹⁶⁷³ The education ministers recommended policies including expanding opportunities for girls to receive a minimum of 12 years of education, adopting measures to fight stereotypes against women and encouraging women to pursue tertiary studies, particularly in STEM.¹⁶⁷⁴

In Tsubaka, Japan, on 9 June 2019, the G20 trade ministers and G20 digital economy ministers reconfirmed the importance of accessibility of technology for women and bridging the digital divide by enhancing digital literacy and digital access.¹⁶⁷⁵ With their endorsement of the #eSkills4girls initiative, the G20 ministers reaffirmed that the participation of women and girls in the digital economy supports stronger economic growth, innovation and societal well-being.¹⁶⁷⁶ The ministers encouraged G20 members to develop frameworks to measure and track sex-disaggregated data and to initiate efforts to increase women's access to digital networks and in STEM subjects.¹⁶⁷⁷

At the 2019 Osaka Summit, G20 leaders expressed the importance of women's empowerment in the pursuit of sustainable and inclusive economic growth.¹⁶⁷⁸ This was the first time that the G20 leaders made an explicit reference to improving access to STEM and raising awareness toward eliminating gender stereotypes in their commitment to supporting education and training for girls and women.¹⁶⁷⁹ G20 members also restated their support for women's access to digital technology,

¹⁶⁷¹ Los Cabos Growth and Jobs Action Plan, G20 Information Centre (Toronto) 19 June 2012. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos-actionplan.html>

¹⁶⁷² Annex to G20 Leaders Declaration G20 Initiative #eSkills4Girls": Transforming the Future of Women and Girls in the Digital Economy, Hamburg, G20 Information Centre (Toronto), 8 July 2017. Access Date: 8 November 2019. <http://www.g20.utoronto.ca/2017/2017-g20-initiative-eskills4girls.html>

¹⁶⁷³ G20 Education Ministers' Declaration, G20 (Mendoza) 5 September 2018. Access Date: 6 November 2019. <http://www.g20.utoronto.ca/2018/2018-09-05-education.html>

¹⁶⁷⁴ G20 Education Ministers' Declaration, G20 (Mendoza) 5 September 2018. Access Date: 6 November 2019. <http://www.g20.utoronto.ca/2018/2018-09-05-education.html>

¹⁶⁷⁵ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁶ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁷ G20 Ministerial Statement on Trade and Digital Economy, G20 (Tsubaka) 9 June 2019. Access Date: 9 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-trade.html>

¹⁶⁷⁸ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁷⁹ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

managerial and decision making positions, and entrepreneurship.¹⁶⁸⁰ Additionally, G20 members encouraged the private sector to also take their own actions in advancing women in the private sector and increasing the number of women in management positions.¹⁶⁸¹

Commitment Features

In this commitment, there are two targets, one to continue to support girls' and women's education and training and to improve access to STEM for girls and women. Girls and women, in this context, are equally weighted.¹⁶⁸² "Girls" is understood to mean female individuals below the age of 18 years.¹⁶⁸³ "Women" is understood to mean female individuals aged 18 years or more. A G20 member can achieve compliance for the first target by supporting either girls' education and training or women's education and training. The commitment also specifies improving access to STEM for girls and women. A G20 member can achieve compliance for the second target by improving access to STEM for either girls or women. A G20 member must include initiatives for improving access to STEM for girls and women in order to achieve full compliance.

"To continue support" is understood to mean carrying on the pursuit to provide aid, assistance or backing up an existing initiative."¹⁶⁸⁴ This includes expanding, increasing, enhancing the efficiency of or prolonging existing actions. Examples include continuing support include financial, human resources and technical support.

"Education" is understood to mean organized and sustained communication designed to bring about learning.¹⁶⁸⁵ Examples of initiatives that support girls' education are to provide or support organisations that provide stipends or scholarships, ensuring gender-sensitive curriculums, promote discussions about gender stereotypes or cultural/societal practices, and hiring/training qualified female teachers.¹⁶⁸⁶

"Training" is understood to mean acquiring a skill, knowledge or experience. Training, in this context, differs from education in that training refers to technical cooperation or assistance. Training for women refers to acquiring specific knowledge and experience of long-term vocations rather than non-standard forms of employment such as care-giving responsibilities, self-employment, part-time and on-call work.¹⁶⁸⁷ Actions that demonstrate training women boost the level of knowledge, skills, technical know-how or productive aptitudes of women or provide services such as consultancy,

¹⁶⁸⁰ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁸¹ G20 Osaka Leaders' Declaration, G20 Japan 2019 (Osaka) 29 June 2019. Access Date: 9 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁶⁸² Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸³ The United Nations Convention on the Rights of the Child, United Nations Convention on the Rights of the Child (New York) 30 November 1989. Access Date: 9 April 2020.

¹⁶⁸⁴ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸⁵ Education, OECD (Paris) 25 September 2001. Access Date: 9 April 2020.
<https://stats.oecd.org/glossary/detail.asp?ID=741>

¹⁶⁸⁶ Girls' Education, World Bank (Washington, D.C.) 25 September 2017. Access Date: 9 April 2020.
<https://www.worldbank.org/en/topic/girlseducation>

¹⁶⁸⁷ Women at Work in G20 countries: Progress and policy action, G20 Information Centre (Toronto) 28 June 2019. Access Date: 9 November 2019. https://www.g20.org/pdf/documents/en/annex_09.pdf

technical support of know-how.¹⁶⁸⁸ Examples of training can be vocational workshops, on-the-job training programs and training in management.

“Improve” is understood as to make or become better.¹⁶⁸⁹ In this commitment’s context, it is interpreted to mean that old initiatives to provide access will be updated.¹⁶⁹⁰ “Access” is understood to mean the right to obtain or make use of something. In the context of education and training, access refers to availability.¹⁶⁹¹ It is defined in terms of reachability (physical access), affordability (economic access) and acceptability (socio-cultural access) of services that meet a minimum standard of quality. The action of making services available, affordable and acceptable is a prerequisite for universal access.¹⁶⁹²

Full compliance for this commitment is achieved by supporting women’s education and training and increasing access to STEM. To achieve full compliance for the second target of improving access to STEM for girls and women, the G20 member must demonstrate at least two out of the three standards of access: reachability, affordability and acceptability. Examples of reachability can include on-the-job training programs, workshops preparing women for STEM, and training in management. Examples of affordability can include apprenticeship incentive grants, scholarships to pursue STEM fields in tertiary education, and general financial investment for women in STEM. Examples of acceptability include social campaigns that discuss fighting gender stereotypes relating to STEM, panel discussions on gender barriers to STEM, and lectures from women in the STEM field. For a score of partial compliance, the G20 member has taken concrete actions to support education and training for girls and women but has not provided improved access to STEM. For a score of non-compliance, the G20 member has completed none of the aforementioned.

Scoring Guidelines

-1	G20 member does not take any steps to support education and training for girls and women AND has not improved access to STEM.
0	G20 member has taken steps to support education and training for girls and women OR increase access to STEM.
+1	G20 member has taken steps to support education and training for girls and women AND increase access to STEM.

Compliance Director: Jae Yoon Mary Noh

Lead Analyst: Jennifer Wang

Argentina: 0

Argentina has partially complied with its commitment to support education and vocational training in science, technology, engineering and mathematics (STEM) for girls and women.

On 17 September 2019, the Ministry of Education, Culture, Science and Technology (MESCYT) and the University of Buenos Aires hosted an event called “Conectando Mujeres” at Sarmiento Palace to

¹⁶⁸⁸ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019.

¹⁶⁸⁹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹⁰ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹¹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

¹⁶⁹² Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016.

allow female leaders in the technology sector to share their experiences with university students.¹⁶⁹³ Representatives of various companies including IBM and Facebook looked at various proposals for the development of women in technology and the creation of more inclusive workspaces.¹⁶⁹⁴

From 23 to 24 October 2019, the MESCYT hosted a conference with the Instituto Nacional de Educación Tecnológica and Ministry of Education, called Programando futuro.¹⁶⁹⁵ With 140 female students from 35 technical schools in attendance, the conference aimed to encourage a gendered perspective in professional technical education.¹⁶⁹⁶

On 3 January 2020, Minister of Education Nicolás Trotta and Governor of Santa Fe Omar Perotti signed an act of commitment to ensure the right to education in the Santa Fe province.¹⁶⁹⁷ This act aims to maintain compulsory education for boys and girls from age four until the end of secondary education while concurrently reducing gender inequality.¹⁶⁹⁸

Argentina has recognized the right to education for children in an aim to reduce gender inequality, additionally hosting events which provide information to girls and women about the STEM field. However, these actions have not improved girls' and women's access to the STEM field.

Thus, Argentina receives a score of 0.

Analyst: Brandon Yih

Australia: +1

Australia has fully complied with its commitment to continue its support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 10 October 2019, Minister for Education Dan Tehan and Member of Parliament Melissa McIntosh announced the Australian Research Council (ARC) would take steps to address gender disparities in Australian research.¹⁶⁹⁹ These steps include publicly reporting the proportion of women

¹⁶⁹³ Conectando Mujeres: Una Jornada Para Potenciar el Desarrollo de las Mujeres en Tecnologías, Government of Argentina (Buenos Aires) 17 September 2019. Access Date: 15 March 2020.

<https://www.argentina.gob.ar/noticias/conectando-mujeres-una-jornada-para-potenciar-el-desarrollo-de-las-mujeres-en-tecnologias>

¹⁶⁹⁴ Conectando Mujeres: Una Jornada Para Potenciar el Desarrollo de las Mujeres en Tecnologías, Government of Argentina (Buenos Aires) 17 September 2019. Access Date: 15 March 2020.

<https://www.argentina.gob.ar/noticias/conectando-mujeres-una-jornada-para-potenciar-el-desarrollo-de-las-mujeres-en-tecnologias>

¹⁶⁹⁵ Programando Future: Más Mujeres en la Educación Técnica, Government of Argentina (Buenos Aires) 23 October 2019. Access Date: 30 January 2020. <https://www.argentina.gob.ar/noticias/programando-futuro-mas-mujeres-en-la-educacion-tecnica>

¹⁶⁹⁶ Programando future: más mujeres en la Educación Técnica, Government of Argentina (Buenos Aires) 23 October 2019. Access Date: 30 January 2020. <https://www.argentina.gob.ar/noticias/programando-futuro-mas-mujeres-en-la-educacion-tecnica>

¹⁶⁹⁷ Educación y Santa Fe firmaron el compromiso “Todos los chicos y chicas en la escuela”, Government of Argentina (Buenos Aires) 3 January 2020. Access Date: 6 February 2020. <https://www.argentina.gob.ar/noticias/educacion-y-santa-fe-firmaron-el-compromiso-todos-los-chicos-y-chicas-en-la-escuela>

¹⁶⁹⁸ Educación y Santa Fe Firmaron el Compromiso “Todos los Chicos y Chicas en la Escuela”, Government of Argentina (Buenos Aires) 3 January 2020. Access Date: 6 February 2020. <https://www.argentina.gob.ar/noticias/educacion-y-santa-fe-firmaron-el-compromiso-todos-los-chicos-y-chicas-en-la-escuela>

¹⁶⁹⁹ Increasing Female Participation in Research, Australian Government (Canberra) 10 October 2019. Access Date: 2 February 2020. <https://www.arc.gov.au/news-publications/media/media-releases/increasing-female-participation-research>

included in applications for ARC funding and announcing two female researchers as ambassadors for women in research.¹⁷⁰⁰

On 4 December 2019, the Australian government launched the Academy for Enterprising Girls.¹⁷⁰¹ The program aims to equip girls ages 10 to 18 with enterprise and design thinking skills and advocates for girls' education in STEM fields.¹⁷⁰²

On 8 March 2020, the Australian government released a 2020 action plan that states they will continue their support for female STEM education through the Women in STEM and Entrepreneurship (WISE) grants and The Science in Australia Gender Equity (SAGE) program.¹⁷⁰³ These programs aim to promote gender equality in STEM fields, encourage women to get involved and raise the profile of successful women in this field.¹⁷⁰⁴

Australia has fully complied with its commitment to support girls' and women's education and training in STEM by creating new reforms and programs such as WISE and SAGE that give girls and women better access to opportunities in the field of STEM.

Thus, Australia receives a score of +1.

Analyst: Samantha Parker

Brazil: -1

Brazil has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 3 February 2020, President Jair Bolsonaro, stressed the importance of investing in quality public education and reducing gender inequalities as two of the objectives for 2020 in a presidential message to the National Congress.¹⁷⁰⁵ The goal is to design policies and invest in sectors as well as projects that will lead to better public education for the population and less inequality in the country.¹⁷⁰⁶

¹⁷⁰⁰ Increasing Female Participation in Research, Australian Government (Canberra) 10 October 2019. Access Date: 2 February, 2020. <https://www.arc.gov.au/news-publications/media/media-releases/increasing-female-participation-research>

¹⁷⁰¹ The Girls Taking Over Parliament and Getting Down to Business, Australian Financial Review (Sydney). 4 December 2019. Access Date: 2 February 2020. <https://www.afr.com/politics/federal/the-girls-taking-over-parliament-and-getting-down-to-business-20191204-p53gnk>

¹⁷⁰² Academy for Enterprising Girls' Website Launch, Office of Women: Department of the Prime Minister and Cabinet (Canberra) 11 October 2019. Access Date: 3 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>

¹⁷⁰³ Advancing Women in STEM. Department of Industry, Innovation and Science (Australian Commonwealth). 2019. Access Date: 7 February 2020. <https://www.industry.gov.au/data-and-publications/advancing-women-in-stem-strategy/2020-action-plan>

¹⁷⁰⁴ Advancing Women in STEM. Department of Industry, Innovation and Science (Australian Commonwealth). 2019. Access Date: 7 February 2020. <https://www.industry.gov.au/data-and-publications/advancing-women-in-stem-strategy/2020-action-plan>

¹⁷⁰⁵ Em mensagem ao Congresso, Bolsonaro Destaca Avanços do Governo e Metas Para 2020 03/02/2020. Governo do Brasil (Brasília) 3 February 2020. Access date: 7 February 2020. <https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2020/02/em-mensagem-ao-congresso-presidente-bolsonaro-destaca-avancos-do-governo>

¹⁷⁰⁶ Em mensagem ao Congresso, Bolsonaro Destaca Avanços do Governo e Metas Para 2020 03/02/2020. Governo do Brasil (Brasília) 3 February 2020. Access date: 7 February 2020. <https://www.gov.br/planalto/pt-br/acompanhe-o-planalto/noticias/2020/02/em-mensagem-ao-congresso-presidente-bolsonaro-destaca-avancos-do-governo>

On 3 March 2020, the House of Representatives promoted the realization of diverse activities in celebration of International Women's Day, through the Secretaria da Mulher.¹⁷⁰⁷ The initiative is called Março Mulher and will provide seminars, cultural activities and workshops about the challenges of women in politics, fighting stereotypes against women, and women's participation in the Brazilian parliament.¹⁷⁰⁸

While Brazil has come out with plans to invest in public education with the goal of reducing inequalities among the population, it has not implemented any tangible policies, or built on existing ones, in line with supporting girls' and women's education, or increasing their access to STEM.

Thus, Brazil receives a score of -1.

Analyst: Samantha Moura Novais de Quadros

Canada: 0

China has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 13 February 2020, Prime Minister Justin Trudeau attended the official opening of the International Development Research Centre's new regional office in Dakar, Senegal, where he emphasized Canada's support for innovative research.¹⁷⁰⁹ He met with students and young research professionals whose projects focus on several topics including advancement of technology.¹⁷¹⁰ The goal is to advance gender equality and provide better educational opportunities for adolescent girls in Senegal.¹⁷¹¹

On 10 February 2020, Prime Minister Trudeau announced support for the African Union Commission's efforts to advance gender equality.¹⁷¹² Through investments, Canada will help increase economic opportunities and address barriers for 150,000 women in East Africa.¹⁷¹³

¹⁷⁰⁷ Câmara Realiza Debates e Atividades Culturais no Mês da Mulher 02/03/2020. Câmara dos Deputados (Brasília) 3 March 2020. Access date: 15 March 2020. <https://www.camara.leg.br/noticias/641157-camara-realiza-debates-e-atividades-culturais-no-mes-da-mulher/>

¹⁷⁰⁸ Câmara Realiza Debates e Atividades Culturais no Mês da Mulher 02/03/2020. Câmara dos Deputados (Brasília) 3 March 2020. Access date: 15 March 2020. <https://www.camara.leg.br/noticias/641157-camara-realiza-debates-e-atividades-culturais-no-mes-da-mulher/>

¹⁷⁰⁹ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹⁰ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹¹ Prime Minister Concludes Productive Visit to Senegal, Prime Minister of Canada (Dakar) 13 February 2020. Access Date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/13/prime-minister-concludes-productive-visit-senegal>

¹⁷¹² Prime Minister Concludes Productive Visit to Ethiopia to Promote Partnerships, Prime Minister of Canada (Addis Ababa) 10 February 2020. Access date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/10/prime-minister-concludes-productive-visit-ethiopia-promote>

¹⁷¹³ Prime Minister Concludes Productive Visit to Ethiopia to Promote Partnerships, Prime Minister of Canada (Addis Ababa) 10 February 2020. Access date: 20 March 2020. <https://pm.gc.ca/en/news/news-releases/2020/02/10/prime-minister-concludes-productive-visit-ethiopia-promote>

Through increasing investing in gender equality abroad, by targeting women's access to education, Canada has partially complied with its commitment to continue support for girls' and women's education. However, it has not taken action to improve girls' and women's access to STEM.

Thus, Canada receives a score of 0.

Analyst: Christina Muia

China: -1

China has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 17 August 2019, the Government of China released a white paper on vocational education and training in Xinjiang province.¹⁷¹⁴ The education and training centers will employ qualified teachers, using textbooks compiled especially for the trainees, teaching in the same way as in regular schools in order to rapidly improve their ability in the use of standard spoken and written Chinese.¹⁷¹⁵ Improving the trainees' command of standard spoken and written Chinese helps them to learn about science and technology, acquire vocational skills, seek work in other locations, communicate with other ethnic groups, and adapt better to life in modern society, subject to the condition that their right to use their own ethnic spoken and written languages is respected.¹⁷¹⁶

China has not taken any actions or made any collaborative commitments to support girls' and women's education and training, including improved access to STEM (Science, Technology, Engineering and Mathematics).

Thus, China receives a score of -1.¹⁷¹⁷

Analyst: Ruohan Mu

France: 0

France has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 20 November 2019, Minister of National Education and Youth Jean-Michel Blanquer launched the program "1 Scientist — 1 class: Chiche!"¹⁷¹⁸ This program is designed to bring students and

¹⁷¹⁴ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.
http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html.

¹⁷¹⁵ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.
http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html

¹⁷¹⁶ Vocational Education and Training in XinJiang, The State Council of the People's Republic of China (Beijing) 17 August 2019. Access Date: 2 February 2020.
http://english.www.gov.cn/archive/whitepaper/201908/17/content_WS5d57573cc6d0c6695ff7ed6c.html

¹⁷¹⁷This non-compliance was determined after a search of the following websites: <https://www.gov.cn/english/>, <https://asiapacific.unwomen.org/en/countries/china>, <http://www.most.gov.cn/eng/eng/index.htm>, <https://www.unwomen.org/en/search-results?keywords=china>,

¹⁷¹⁸ "1 scientifique 1 classe : Chiche !" : un Programme Ambitieux de Médiation Scientifique Dédié à l'Informatique et aux Sciences du Numérique (Paris) 20 November 2019. Access date: 15 March 2020. <https://www.education.gouv.fr/1-scientifique-1-classe-chiche-un-programme-ambitieux-de-mediation-scientifique-dedie-l-informatique-9992>

digital researchers together to foster an interest in science and math, especially amongst young women.¹⁷¹⁹

On 28 November 2019, the French government introduced a five-year strategy for 2019 — 2024: La Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le système Éducatif (Interministerial Convention for the Equality of Boys and Girls in the Education System).¹⁷²⁰ The report has five goals: train all staff in equality, transmit to young people a culture of equality and mutual respect, combat gender-based and sexual violence and move towards a greater diversity of training courses.¹⁷²¹

On 24 January 2020, the government of France alongside the National Women's Institute and UN Women announced the themes of the Coaliciones para la Acción del Foro Generacion Igualdad.¹⁷²² This is a forum where governments, civil society, the private sector and international organizations cooperate to achieve “concrete and transformative intergenerational results” for girls and women.¹⁷²³ The goal is to design a feminist agenda and action plans that will generate “tangible and irreversible results for gender equality during 2020-2030.”¹⁷²⁴ The agenda will address diverse issues such as education, structural inequalities and changes in gender norms.¹⁷²⁵

France has made some efforts improving access for girls and women to STEM with the “1 Scientist — 1 class: Chiche!” program, however, it has not made any efforts to continue support for girls’ and women’s education and training.

Thus, France receives a score of 0.

Analyst: Samantha Parker

¹⁷¹⁹ "1 scientifique 1 classe : Chiche !" : un Programme Ambitieux de Médiation Scientifique Dédié à l'Informatique et aux Sciences du Numérique (Paris) 20 November 2019. Access date: 15 March 2020. <https://www.education.gouv.fr/1-scientifique-1-classe-chiche-un-programme-ambitieux-de-mediation-scientifique-dedie-l-informatique-9992>

¹⁷²⁰ Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le Système Éducatif (Paris) 16 December 2019. Access date: 5 February 2020. https://cache.media.eduscol.education.fr/file/MDE/11/6/VFinale_Convention_Interminis_Egalite_Nov2019_1211116.pdf

¹⁷²¹ Convention Interministérielle pour l'égalité Entre les Filles et les Garçons, les Femmes et les Hommes dans le Système Éducatif (Paris) 16 December 2019. Access date: 5 February 2020. https://cache.media.eduscol.education.fr/file/MDE/11/6/VFinale_Convention_Interminis_Egalite_Nov2019_1211116.pdf

¹⁷²² Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²³ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²⁴ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷²⁵ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

Germany: +1

Germany has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 18 September 2019, the Ministry of Education and Research requested proposals for international collaborative projects in STEM in order to support a unique opportunity for women to pursue scientific research at institutions in Germany and Africa.¹⁷²⁶ The research collaboration is intended to serve the Programme Advocating Women Scientists in STEM, which was established to promote STEM among women.¹⁷²⁷

On 16 October 2019, the Ministry of Economic Cooperation and Development (BMZ) stated its support for SAP Africa Code Week 2019.¹⁷²⁸ In this announcement, BMZ also stated its role in conducting workshops in 12 Africa countries with the focus of training girls and women.¹⁷²⁹

On 23 October 2019, the BMZ collaborated with the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) colleagues from Cameroon and Mozambique to host a #eSkills4Girls pre-conference workshop.¹⁷³⁰ The workshop aims to strengthen digital skill building for girls and women as well as discuss project implementation concepts regarding digital skill development.¹⁷³¹

On 27 November 2019, the BMZ announced support for the Equals in Tech Awards at the Internet Governance Forum in Berlin.¹⁷³² The Equals in Tech Awards awards individuals and organizations that expand girls' and women's access, skills, and opportunities in the digital world.¹⁷³³

On 2-6 March 2020, GIZ and the Betterplace Lab planned to organize a workshop at the UNESCO Mobile Learning Week 2020, on behalf of the BMZ.¹⁷³⁴ The workshop will examine STEM technologies such as artificial intelligence, blockchain and virtual reality as potential tools for quality education, education administration and labour market match.¹⁷³⁵ GIZ will also present the publication of Toolkit "Education and Digitalisation in the Development Cooperation," on behalf of

¹⁷²⁶ Programme Advocating Women Scientists in STEM (PAWS), Pre-Leap-Re (Gif-sur-Yvette), 18 September 2019. Access Date: 29 March 2020. <http://www.leap-re.eu/2019/09/18/programme-advocating-women-scientists-in-stem-paws/>

¹⁷²⁷ Programme Advocating Women Scientists in STEM (PAWS), Pre-Leap-Re (Gif-sur-Yvette), 18 September 2019. Access Date: 29 March 2020. <http://www.leap-re.eu/2019/09/18/programme-advocating-women-scientists-in-stem-paws/>

¹⁷²⁸ SAP Africa Code Week 2019, #eSkills4Girls (Bonn), 16 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷²⁹ SAP Africa Code Week 2019, #eSkills4Girls (Bonn), 16 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁰ eLearning Africa Workshop on #eSkills4Girls, #eSkills4Girls (Bonn), 23 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³¹ eLearning Africa Workshop on #eSkills4Girls, #eSkills4Girls (Bonn), 23 October 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³² Equals in Tech-Awards, #eSkills4Girls (Bonn), 27 November 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³³ Equals in Tech-Awards, #eSkills4Girls (Bonn), 27 November 2019. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁴ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁵ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

BMZ.¹⁷³⁶ The publication aims to provide insight on how digital technologies can assist inclusion in education where each individual has an equal opportunity for educational progress.¹⁷³⁷

Germany has fully complied with commitments to support girls' and women's education and training, including improved access to STEM by supporting international collaborative initiatives that include digital training workshops and tools to help quality education.

Thus, Germany receives a score of +1.

Analyst: Christina Muia

India: +1

India has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 14 February 2020, the Ministry of Skill Development and Entrepreneurship (MSDE) and the Ministry of Women and Child Development (WCD) co-hosted a national conference to discuss Policy Framework for providing skill-based training for women and children.¹⁷³⁸ The ministries invited officials of the WCD, MSDE, industrial organizations and institutions. The conference discussed issues such as supporting women's skill development and entrepreneurship.¹⁷³⁹

On 28 February 2020, President of India Ram Nath Kovind announced that three key initiatives will be implemented for gender advancement and equality in academic and research.¹⁷⁴⁰ Under this year's theme of Women in Science, the initiatives are Vigyan Jyoti, which allow meritorious girls in high school to pursue STEM subjects in their higher education, Gender Advancement for Transforming Institutions, meant to assess gender inequality in STEM as well as an online portal for science and technology resources for women.¹⁷⁴¹

On 8 March 2020, Union Minister for Science and Technology, Earth Science and Health and Family Welfare Harsh Vardhan commenced a helpline number for women students, researchers, entrepreneurs and scientists.¹⁷⁴² This helpline will provide immediate support to women scientists in STEM and will be available during office hours on working days.¹⁷⁴³ The aim of this initiative is to

¹⁷³⁶ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁷ UNESCO Mobile Learning Week 2020, #eSkills4Girls (Bonn), 2 March 2020. Access Date: 29 March 2020. <https://www.eskills4girls.org/discover/activities/>

¹⁷³⁸ Summary for the Month of February, 2020, Ministry of Skill Development (New Delhi) February 2020. Access Date: 12 March 2020. <https://www.msde.gov.in/assets/images/monthly%20summary/Feb2020.pdf>

¹⁷³⁹ Summary for the Month of February, 2020, Ministry of Skill Development (New Delhi) February 2020. Access Date: 12 March 2020. <https://www.msde.gov.in/assets/images/monthly%20summary/Feb2020.pdf>

¹⁷⁴⁰ National Science Day Brings Gender Equality in Science: President Announces Key Initiatives, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/national-science-day-brings-gender-equality-science-president-announces-key-initiatives>

¹⁷⁴¹ National Science Day Brings Gender Equality in Science: President Announces Key Initiatives, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/national-science-day-brings-gender-equality-science-president-announces-key-initiatives>

¹⁷⁴² Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-vardhan-launches-women-helpline-st-schemes>

¹⁷⁴³ Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-vardhan-launches-women-helpline-st-schemes>

allow women students and researchers to have one point of access for information on one dedicated number.¹⁷⁴⁴

India has fully complied with supporting girls' and women's education and training and increasing access for women to STEM. Through establishing the three initiatives, as well as the helpline, the Indian government is taking concrete steps in complying to their commitments in supporting girls' and women's education and training, as well as improved access to STEM.

Thus, it receives a score of +1.

Analyst: Parul Wadhwa

Indonesia: -1

Indonesia has not complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

Indonesia has not taken any actions or made any collaborative commitments to support girls' and women's education and training, including improved access to STEM.

Thus, Indonesia receives a score of -1.¹⁷⁴⁵

Analyst: Ruohan Mu

Italy: 0

Italy has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 26 August 2019, the Government of Italy contributed a grant of EUR1 million to UNICEF Eritrea.¹⁷⁴⁶ The monetary grant is intended to support UNICEF's programme to provide education and life-skills opportunities.¹⁷⁴⁷ The programme will identify girls and children from disadvantaged families and provide them with cash incentives to support educational materials.¹⁷⁴⁸ Its aim is to promote girls' enrollment in school and transition to secondary education.¹⁷⁴⁹

Italy has demonstrated support for girls' and women's education and training by financially supporting educational programs in Africa. However, it has not taken action to improve access to.

¹⁷⁴⁴ Dr. Harsh Vardhan Launches Women Helpline for S&T Schemes, Department of Science and Technology (New Delhi) 28 February 2020. Access Date: 27 March 2020. <https://dst.gov.in/dr-harsh-vardhan-launches-women-helpline-st-schemes>

¹⁷⁴⁵ This non-compliance was determined after a search of the following websites:

https://www.ilo.org/jakarta/info/public/pr/WCMS_665945/lang--en/index.htm,
<https://www.thejakartapost.com/news/2020/02/14/groups-encourage-indonesian-women-to-break-stigma-join-stem.html>, <https://asiapacific.unwomen.org/en/countries/indonesia>, <http://www.indonesia.cz/?s=STEM>,
<http://www.indonesia.cz/?s=women>, <https://www.unwomen.org/en/get-involved/step-it-up/commitments/indonesia>.

¹⁷⁴⁶ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020. <https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁷ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020. <https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁸ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020. <https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

¹⁷⁴⁹ Italy Grants €1 Million to UNICEF Eritrea, TesfaNews (Asmara) 26 August 2019. Access Date: 30 March 2020. <https://www.tesfanews.net/italy-grants-one-million-euro-unicef-eritrea/>

Thus, Italy receives a score of 0.

Analyst: Julia Orsini

Japan: 0

Japan has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 1 September 2019, the Gender Equality Bureau Cabinet Office held the first event of "Let's be a STEM girl" in Hirosaki City, Aomori Prefecture.¹⁷⁵⁰ The Cabinet Office invited keynote speakers including an associate professor of the Waseda University gave a speech on being a woman in the STEM field.¹⁷⁵¹

On 21 September 2019, the Gender Equality Bureau Cabinet Office held the second event of "Let's be a STEM girl" for children, students, and parents to learn about science.¹⁷⁵² The event included keynote speeches and experimental science experiments.¹⁷⁵³

On 24 September 2019, Prime Minister Shinzo Abe announced at a United Nations General Assembly that Japan pledges to "promote inclusive quality education for all girls and women."¹⁷⁵⁴ He expressed Japan's goal to educate a minimum of nine million children and young people in Sub-Saharan African and Asian nations.¹⁷⁵⁵ The goal includes expanding e-learning for primary school children in Sri Lanka and providing internet-based mathematics and science education in Rwanda.¹⁷⁵⁶

On 5 October 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in STEM in Nagasaki.¹⁷⁵⁷ The Cabinet Office introduced female employees in the STEM sector and held a workshop where participants learned and utilized technological products.¹⁷⁵⁸

On 4 November 2019, the Gender Equality Bureau Cabinet Office held an event in Maizuru that included lectures from Member of the Cabinet Office Ms. Miyoko Watanabe¹⁷⁵⁹ The event also included an experiment where participants had to utilize programming and algorithms.¹⁷⁶⁰

¹⁷⁵⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵¹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵² STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 21 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵³ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 21 September 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵⁴ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020.
<https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁵ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020.
<https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁶ At UN Debate, Japan Vows to Back Global Push for Inclusive Quality Education for All Girls and Women, United Nations News (New York) 24 September 2019. Access Date: 7 February 2020.
<https://news.un.org/en/story/2019/09/1047382>

¹⁷⁵⁷ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 5 October 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁵⁸ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 5 October 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

On 10 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶¹ The event included lectures from female employees from the STEM sector and an experimental classroom workshop on science.¹⁷⁶²

On 16 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶³ The event included lectures from Member from the Cabinet Office Fusako Zunaiden and an experimental classroom workshop on electric circuits¹⁷⁶⁴

On 23 November 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁵ The event included a lecture from a worker of the Cabinet Office, Emi Tamaki, and an experimental classroom workshop on 3D technology.¹⁷⁶⁶

On 1 December 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁷ The event included lectures from workers from the Cabinet Office and an experimental classroom workshop on science.¹⁷⁶⁸

On 15 December 2019, the Gender Equality Bureau Cabinet Office held an event for girls interested in the STEM field.¹⁷⁶⁹ The event included lectures from workers from the Cabinet Office and an experimental classroom workshop on DNA.¹⁷⁷⁰

On 20 February 2020, Ambassador of Japan to Egypt Masaki Nokem and Chair of Gozour Foundation for Development Ali Moktar signed a grant contract of USD83,708 to implement

¹⁷⁵⁹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 4 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 4 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶¹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 10 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶² STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 10 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶³ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 16 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁴ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 16 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁵ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 23 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁶ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 23 November 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁷ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁸ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 1 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁶⁹ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 15 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

¹⁷⁷⁰ STEM Girls Ambassadors Event, Gender Equality Bureau Cabinet Office (Tokyo) 15 December 2019. Access Date: 28 March 2020. http://www.gender.go.jp/c-challenge/stem_girls_ambassadors/event/20200108_01.html

vocational skills training for women in Old Cairo and its surrounding areas.¹⁷⁷¹ This grant aims to aid women in need to become employable and generate income opportunities.¹⁷⁷²

Japan has actively promoted government-sponsored activities through STEM Girl Ambassadors that support the training of girls and women in the STEM field. Additionally, Japan has collaborated with other nations to expand education and vocational training programs in those countries. However, Japan has yet to act on its commitment to improve the accessibility of STEM for girls and women such as by improving affordability or government support.

Thus, Japan receives a score of 0.

Analyst: Wing Ka Tsang

Korea: +1

Korea has fully complied with its commitment to continue support for girls' and women's education and vocational training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 21 October 2019, the Ministry of Gender Equality and Family opened its first training session for the women's vocational training for trainees from developing countries in Asia.¹⁷⁷³ The training session included a visit to the Saeil center for Vocational Training for Women in Wanju and Dongdaemun Design Plaza to discuss policies for nurturing the vocational capabilities of women in their home countries.¹⁷⁷⁴ This program is intended to teach vocational training policies for trainees that will be used in the developing countries of Asia.¹⁷⁷⁵

On 26 December 2019, the Ministry of Gender Equality and Family wrote a memorandum of understanding (MOU) with the Ministry of Employment of Sweden for policy exchangers of the improvement of gender equality.¹⁷⁷⁶ The MOU included a provision on joint operation of lectures and education programs as well as internal conferences on gender equality.¹⁷⁷⁷

¹⁷⁷¹ Japan provides assistance for empowerment and employment support for women in Old Cairo, Embassy of Japan in Egypt (Egypt) 20 February 2020. Access Date: 15 March 2020. https://www.eg.emb-japan.go.jp/itpr_en/00_000085.html

¹⁷⁷² Japan provides assistance for empowerment and employment support for women in Old Cairo, Embassy of Japan in Egypt (Egypt) 20 February 2020. Access Date: 15 March 2020. https://www.eg.emb-japan.go.jp/itpr_en/00_000085.html

¹⁷⁷³ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706604

¹⁷⁷⁴ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706604

¹⁷⁷⁵ Group of trainees from developing countries in Asia visit places of vocational education for women in Korea, Ministry of Gender Equality and Family (Seoul) 29 October 2019. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706604

¹⁷⁷⁶ Korea to strengthen cooperation with Sweden for gender equality, Ministry of Gender Equality and Family (Seoul) 26 December 2019. Access Date: 28 March 2020.

http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706771

¹⁷⁷⁷ Korea to strengthen cooperation with Sweden for gender equality, Ministry of Gender Equality and Family (Seoul) 26 December 2019. Access Date: 28 March 2020.

http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706771

On 10 February 2020, the Minister of Gender Equality and Family signed a MOU with the Minister of Science and ICT in advancing policies for women in the sectors of science and technology.¹⁷⁷⁸ The MOU included a provision on the “enhancement of women’s science/engineering-related power.”¹⁷⁷⁹ The ministers announced a plan to expand the number of science/technology-based centers for women.¹⁷⁸⁰ They also stated their intention of providing support for women who want to specialize in science/technology.¹⁷⁸¹

Korea has fully complied with its commitment to continue support for girls’ and women’s education and training by providing vocational training programs and planning on coordinating education programs with other countries. Korea has also demonstrated action in increasing girls’ and women’s increased access to STEM by issuing a MOU for women’s increased participation in the science and technology sector.

Thus, Korea receives a score of +1.

Analyst: Wing Ka Tsang

Mexico: 0

Mexico has partially complied with its commitment to continue support for girls’ and women’s education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 21 November 2019, President Andrés Manuel López Obrador signed the Agreement for Equality between Women and Men.¹⁷⁸² The objective is to warrant political participation of women, equal access to health, education and economic resources.¹⁷⁸³ Amongst the commitments, it was stated that Mexico commits to the creation of more formal work, better conditions and more rights for women as well as ensuring equal opportunities, education, respect, peace and security for women.¹⁷⁸⁴

On 9 January 2020, the Ministry of Foreign Relations released a policy with the application of “a gender perspective across all sectors.”¹⁷⁸⁵ The objective of the policy is “to reduce and eliminate structural differences, gender gaps and inequalities, in order to build a more just and prosperous society.”¹⁷⁸⁶ The policy is intended to make visible contribution of women to foreign policy, provide

¹⁷⁷⁸ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706860

¹⁷⁷⁹ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706860

¹⁷⁸⁰ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706860

¹⁷⁸¹ Science/Technology policies for women/youth/family, Ministry of Gender Equality and Family (Seoul) 10 February 2020. Access Date: 28 March 2020. http://www.mogef.go.kr/eng/pr/eng_pr_s101d.do?mid=eng001&bbtSn=706860

¹⁷⁸² Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸³ Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸⁴ Suplemento TODAS Mujeres Juntas Transformando México 13/08/2019. Gobierno de México (Mexico City) 13 August 2019. Access Date: 11 February 2020. <https://www.gob.mx/inmujeres/es/articulos/suplemento-todas-mujeres-transformando-mexico?idiom=es>

¹⁷⁸⁵ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

¹⁷⁸⁶ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

vocational workshops as well as provide other initiatives that encourage gender equality and non-discrimination.¹⁷⁸⁷

On 24 January 2020, the National Women's Institute alongside the government of France and UN Women announced the themes of the “Coaliciones para la Acción del Foro Generación Igualdad.”¹⁷⁸⁸ This forum is intended for governments, civil society, the private sector and international organizations to cooperate and achieve “concrete and transformative intergenerational results” for girls and women.¹⁷⁸⁹ The goal is to design an agenda and action plans that will generate “tangible and irreversible results for gender equality during 2020-2030.”¹⁷⁹⁰ The agenda will address diverse issues such as education, structural inequalities and changes in gender norms.¹⁷⁹¹

On 3 January 2020, the Minister of Public Education reaffirmed the importance of STEM for Mexico’s New Mexican School program.¹⁷⁹² The program was introduced on 11 May 2020 by Mexico’s Ministry of Public Education and is set to be implemented in the 2021-22 school year.¹⁷⁹³ The program is a new education model that will include promotion of gender equality, STEM-related fields, Indigenous languages, and sexual and reproductive health education, among other topics.

Mexico has implemented programs and initiatives that support girls’ and women’s education and training by developing strategies to reduce gender inequality in areas such as: education, health, politics and safety. Mexico has taken partial steps to improve girls’ and women’s access to STEM.

Thus, Mexico receives a score of 0.

Analyst: Samantha Moura Novais de Quadros

Russia: 0

Russia has partially complied with its commitment to continue support for girls’ and women’s education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 9 December 2019, the Ministry of Labor and Social Protection approved an action plan to implement the 2019-2022 National Strategy for Women, which provides measures to improve the

¹⁷⁸⁷ Mexico Adopts Feminist Foreign Policy 09/01/2020. Gobierno de México (Mexico City) 9 January 2020. Access Date: 10 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>

¹⁷⁸⁸ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁸⁹ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹⁰ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹¹ Inmujeres y Unicef Unen Esfuerzos Para Impulsar la Escuela de Fortalecimiento de Liderazgos Adolescentes 24/01/2020, Gobierno de México (Mexico City) 24 January 2020. Access Date: 24 January 2020. <https://www.gob.mx/inmujeres/articulos/inmujeres-y-unicef-firman-memorando-de-entendimiento-para-impulsar-la-escuela-de-fortalecimiento-de-liderazgos-adolescentes?idiom=es>

¹⁷⁹² Nuevo Modelo Educativo Busca Sociedad Incorrputible: SEP, Milenio, 3 January 2020. Access Date: 25 September 2020. <https://www.milenio.com/politica/modelo-educativo-busca-sociedad-incorrputible-sep>.

¹⁷⁹³ Qué es la Nueva Escuela Mexicana (NEM), Nueva Escuela Mexicana, n.d. Access Date: 25 September 2020.

status and prosperity of women of all ages, politically, economically and socially.¹⁷⁹⁴ The ministry, with various women's public organizations, formed 20 projects aimed at enhancing women's roles in the digital society, industry and all spheres of life, through use of new technologies.¹⁷⁹⁵ Joint efforts of the federal centre and respective regions is intended to ensure success of the programs.¹⁷⁹⁶

On 20 January 2020, Deputy Chair of the Federation Council Galina Karellova met with women leaders of regional public women's entrepreneurial organizations.¹⁷⁹⁷ The event's aim was to discuss ways of creating conducive operating environments for women, and finding ways to include them in economic issues.¹⁷⁹⁸ Educational and financial projects programs were presented, endeavouring to increase accessibility to business, marketing and financial information by women.¹⁷⁹⁹

Russia has shown partial commitment to improving access to STEM sectors in its 2019-2020 National Strategy for Women, which aims to increase women's participation in the digital economy. However, there have been no actions taken to support girl's and women's education and training.

Thus, Russia receives a score of 0.

Analyst: Lucia Dhafana-Mabika

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 10 July 2019, the Permanent Delegation of Saudi Arabia to the United Nations held a seminar on the role of quality education in increasing the participation of women in the labour market.¹⁸⁰⁰ The delegation held a panel discussion on the means of achievement and the percentage of Saudi women

¹⁷⁹⁴ G. Karellova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁵ G. Karellova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁶ G. Karellova: Regions Should be More Actively Involved in the Development of Plans for the implementation of the National Strategy for Women, Eurasian Female Forum (St. Petersburg) 9 December 2019. Access Date: 31 January 2020. <http://eawf.ru/press/2794/>

¹⁷⁹⁷ Eurasian Female Forum: Galina Karellova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁷⁹⁸ Eurasian Female Forum: Galina Karellova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁷⁹⁹ Eurasian Female Forum: Galina Karellova met With Women Leaders of Regional Public Women's Entrepreneurial Organizations, Eurasian Female Forum (St. Petersburg) 20 January 2020. Access Date: 31 January 2020. <http://eawf.ru/press/2792/>

¹⁸⁰⁰ Saudi Arabia's Delegation to the United Nations Holds a Symposium on the Role of Education in Increasing the Participation of Women in the Labor Market, Saudi Press Agency (New York) 10 July 2019. Access Date: February 5 2020. <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1944650>

working in Saudi Arabia, as well as national policies to increase their participation in the labor market, one of the most important objectives of Vision 2030.¹⁸⁰¹

On 7 September 2019, the Ministry of Labour and Social Development announced the graduation of 120 women trainees from their Leadership Training and Guidance initiative.¹⁸⁰² Their continued support of this initiative aims to train up to 1,700 women with vocational and leadership training to work in the private sector.¹⁸⁰³ The training included network-making opportunities, lessons on strategic planning, and the training women to work in the government in the future.¹⁸⁰⁴

On 8 March 2020, the Ministry of Communication and Information Technology (MCIT) hosted the second Women Enablement in Technology Sector Summit at the King Abdullah Petroleum Studies and Research Center in Riyadh.¹⁸⁰⁵ The Summit is intended to promote and train women to enter the information and communications technology (ICT) field in accordance with the Kingdom's Vision 2030.¹⁸⁰⁶ In the summit, Microsoft announced that it will partner with MCIT to invest in STEM education for women. This initiative will include training 600 female students in ICT.¹⁸⁰⁷

Saudi Arabia has demonstrated action in increasing girls' and women's access to STEM by holding a summit and creating an initiative to invest in training for information technology. It has also taken action to continue its support of providing education and vocational training for women.

Thus, Saudi Arabia receives a score of +1.

Analyst: Parul Wadhwani

South Africa: 0

South Africa has partially complied with its commitment to support education and vocational training for girls and women as well as increase access to science, technology, engineering and mathematics (STEM) fields.

On 9 August 2019, Minister of the Department of Women, Youth and Persons with Disabilities Maite Nkoana-Mashabane announced a gender equality campaign called "#WhatWomenWant."¹⁸⁰⁸

¹⁸⁰¹ Saudi Arabia's Delegation to the United Nations Holds a Symposium on the Role of Education in Increasing the Participation of Women in the Labor Market, Saudi Press Agency (New York) 10 July 2019. Access Date: February 5 2020. <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=1944650>

¹⁸⁰² Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰³ Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰⁴ Female trainees graduate through Saudi ministry's leadership initiative, Arab News (Riyadh) 09 September 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1551131/saudi-arabia>

¹⁸⁰⁵ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁶ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁷ Microsoft Arabia's 'DigiGirlz 2020' to train women in ICT, Arab News (Riyadh) 29 March 2020. Access Date: March 29 2020. <https://www.arabnews.com/node/1649131/corporate-news>

¹⁸⁰⁸ The #WhatWomenWant campaign: Here are all the details, Times LIVE (Johannesburg) 9 August 2019. Access Date: 12 December 2019. <https://www.timeslive.co.za/news/south-africa/2019-08-09-the-whatwomenwant-campaign-here-are-all-the-details/>

This campaign aims to encourage women to talk about the challenges they face and to reflect on South Africa's achievements towards gender equality.¹⁸⁰⁹

On 18 September 2019, the Department of Women, Youth and Persons with Disabilities approved the national Sanitary Dignity Implementation Framework.¹⁸¹⁰ The framework operationalizes girls' and women's access to sanitary dignity.¹⁸¹¹ This framework is intended to improve girls' access to education. It specifies that the government will address the sanitary dignity for girls in rural schools and women attending post-school education and vocational training institutions.¹⁸¹²

South Africa has supported education and vocational training for girls by passing a national framework aimed at alleviating gender imparity in educational institutions. However, it has not taken action to increase girls' and women's improved access to STEM.

Thus, South Africa receives a score of 0.

Analyst: Brandon Yib

Turkey: 0

Turkey has partially complied with its commitment to support education and vocational training for girls and women as well as increasing girls' and women's access to science, technology, engineering and mathematics (STEM) fields.

On 24 September 2019, the Turkish Cooperation and Coordination Agency (TIKA) and the United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) inaugurated the UNRWA Amman New Camp Preparatory Girls' School 1 and 2.¹⁸¹³ Turkish Minister of Culture and Tourism Mohammad Nuri Ersoy noted that education for all, including girls and refugees, is a key focus for TIKA.¹⁸¹⁴

Turkey has partially complied with its commitment to promote education and vocational training for girls and women by working with international agencies to support educational initiatives. However, Turkey has not introduced any measures to improve access for women to STEM.

¹⁸⁰⁹ The #WhatWomenWant campaign: Here are all the details, Times LIVE (Johannesburg) 9 August 2019. Access Date: 12 December 2019. <https://www.timeslive.co.za/news/south-africa/2019-08-09-the-whatwomentwant-campaign-here-are-all-the-details/>

¹⁸¹⁰ The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹¹ The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹² The girl-child's menstrual voice has been heard in South Africa, Department of Women, Youth & Persons with Disabilities (Pretoria) 11 October 2019. Access Date: 29 March 2020. <http://www.women.gov.za/images/20191011-International-Day-of-the-Girl-Child.pdf>

¹⁸¹³ Government of Turkey Supports UNRWA Education Programme in Jordan Through TIKA, United Nations Relief and Works Agency for Palestine Refugees in the Near East (Amman) 24 September 2019. Access Date: 12 December 2019. <https://www.unrwa.org/newsroom/press-releases/government-turkey-supports-unrwa-education-programme-jordan-through-tika>

¹⁸¹⁴ Government of Turkey Supports UNRWA Education Programme in Jordan Through TIKA, United Nations Relief and Works Agency for Palestine Refugees in the Near East (Amman) 24 September 2019. Access Date: 12 December 2019. <https://www.unrwa.org/newsroom/press-releases/government-turkey-supports-unrwa-education-programme-jordan-through-tika>

Thus, Turkey receives a score of 0.

Analyst: Brandon Yih

United Kingdom: 0

The United Kingdom has partially complied with its commitment to continue support for girls' and women's education and vocational training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 20 September 2019, the British Embassy in Warsaw, Poland, and the UK Science and Innovation Network, alongside the Polish Embassy in London and the Polish Ministry of Science and Higher Education, jointly hosted the second Polish-British Science Forum: Women in STEM at the Senate House in London.¹⁸¹⁵ The forum brought together top scientists to speak on the challenges and opportunities for women in STEM.¹⁸¹⁶ The Forum hosted workshops and a series of panel discussions focusing on girls and women taking up STEM education and careers and also gender equality in STEM in Poland and in the UK.¹⁸¹⁷

On 24 September 2019, Prime Minister Boris Johnson announced GBP515 million investment for over 12 million girls to go to school around the world.¹⁸¹⁸ This funding builds on the GBP90 million that was committed at the 2019 G7 Biarritz Summit and is part of the UK's promise to the Sustainable Development Goals.¹⁸¹⁹ The funding will ensure that girls receive basic literacy and numeracy education, get children in conflict zones into schools and mobilise investment for education in Africa and Asia with a focus on marginalised children.¹⁸²⁰

On 16 January 2020, the UK announced GBP3.5 million in aid for the SheTrades Commonwealth programme which boosts support for African women entrepreneurs to expand businesses into global markets.¹⁸²¹ With the UK support, the program will create up to 3,000 more jobs in female-run businesses and empower women in Kenya, Nigeria and Ghana will have greater access to business

¹⁸¹⁵ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁶ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁷ Second Polish-British Science Forum: Women in STEM, Ministry of Science and Higher Education, Government of Poland, Website of the Republic of Poland (Warsaw) September 2019. Access Date: 7 February 2020.

<https://www.gov.pl/web/science/2nd-polish-british-science-forum-women-in-stem>

¹⁸¹⁸ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸¹⁹ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸²⁰ PM steps up UK effort to get every girl in the world into school, Prime Minister's Office, Government of the United Kingdom (London) 24 September 2019. Access Date: 7 February 2020. <https://www.gov.uk/government/news/pm-steps-up-uk-effort-to-get-every-girl-in-the-world-into-school>

¹⁸²¹ UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of the United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

and trade opportunities.¹⁸²² The program also provides skills-based training and tailored business training and mentoring to help women entrepreneurs manage and promote their businesses better.¹⁸²³

The United Kingdom has passed initiatives showing continued support for girls' and women's education both domestically and abroad. It has also invested in vocational and technical training of women entrepreneurs in African countries. However, the UK has not taken action to improve girls' and women's access to STEM.

Thus, the United Kingdom receives a score of 0.

Analyst: Wing Ka Tsang

United States: 0

The United States has partially complied with its commitment to continue support for girls' and women's education and training, including improved access to science, technology, engineering and mathematics (STEM) fields.

On 3 September 2019, Deputy Secretary of State, John Sullivan, stated that the United States will further the Women's Global Development and Prosperity (W-GDP) initiative launched in July 2019.¹⁸²⁴ The Women Entrepreneurs Finance Initiative aims to reach 50 million women in the developing world by 2025.¹⁸²⁵ This initiative will be a multi-donor trust fund managed by the World Bank and aims to boost market access, networks and promote skills enhancement, while strengthening entrepreneurship ecosystems in support of women-owned and women-led businesses.¹⁸²⁶ The aim is to reach more than 19,000 women, in underserved Latin America and Colombian communities.¹⁸²⁷

On 3 September 2019, the State Department's Bureau of Educational and Cultural Affairs launched a new program called the Academy for Women Entrepreneurs. The program aims to teach and mentor women around the world (launched in 26 countries) to become successful entrepreneurs.¹⁸²⁸ To

¹⁸²² UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

¹⁸²³ UK aid boost support for African women entrepreneurs to expand businesses into global markets, Department for International Development, Government of United Kingdom (London) 16 January 2020. Access Date: 7 February 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>

¹⁸²⁴ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁵ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁶ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁷ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸²⁸ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

support the program, Arizona State University's Thunderbird School of Global Management partnered with the mining company, Freeport-McMoRan to develop an online course, DreamBuilder, meant to help women formulate business plans.¹⁸²⁹

On 25 September 2019, the United States pledged USD13 million to Education Cannot Wait.¹⁸³⁰ This is a global fund that aims to enable access to inclusive and quality education for girls and boys affected by global humanitarian crises such as armed conflicts, forced displacements and natural disasters.¹⁸³¹ The funding was announced at the "Leave No One Behind: Accelerating the SDGs [Sustainable Development Goals] Through Quality Education" event held at UNICEF during the UN General Assembly.¹⁸³² The objective is to mobilize USD1.8 billion by 2021 to reach 9 million children.¹⁸³³

On 28 October 2019, Congressmen Brian Fitzpatrick and Senator Joaquin Castro introduced the Global Child Thrive Act.¹⁸³⁴ Senator Castro reaffirmed the United States' commitment to early childhood education in the developing world, stating that this "bill directs relevant federal departments and agencies to incorporate early childhood development into their work and builds on existing interagency collaboration."¹⁸³⁵

On 7 November 2019, the Office of Global Women's Issues reaffirmed their commitment to support women as a follow up to the launch of the W-GDP, which is the first ever whole-of-government approach to global women's economic empowerment.¹⁸³⁶ This Initiative's goal is to empower 50 million women by 2025.¹⁸³⁷ They confirmed support for the Academy for Women Entrepreneurs in partnership with Exxon Mobil, Coca-Cola, and the Pasifika Women Network.¹⁸³⁸

¹⁸²⁹ Remarks at Event Launching the Academy for Women Entrepreneurs Initiative, U.S. Department of State (Washington D.C.) 3 September 2019. Access Date: 6 February 2020. <https://www.state.gov/remarks-at-event-launching-the-academy-for-women-entrepreneurs-initiative/>

¹⁸³⁰ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³¹ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³² World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³³ World Leaders Pledge a Record US\$216 million to Education Cannot Wait during United Nations General Assembly, Education Cannot Wait (New York) 25 September 2019. Access Date: 17 March 2020. <https://www.educationcannotwait.org/unga-2019-pledges/>

¹⁸³⁴ S. 2715: Global Child Thrive Act of 2019, govtrack (Washington D.C.) 29 October 2019. Access date: 17 March 2020. <https://www.govtrack.us/congress/bills/116/s2715>

¹⁸³⁵ S. 2715: Global Child Thrive Act of 2019, govtrack (Washington D.C.) 29 October 2019. Access date: 17 March 2020. <https://www.govtrack.us/congress/bills/116/s2715>

¹⁸³⁶ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸³⁷ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸³⁸ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

Under this program, Papua New Guinean women will also learn key business fundamentals, for betterment of their communities.¹⁸³⁹

On 11 February 2020, the U.S. Chamber Foundation and the UN's 2020 International Day of Women and Girls in Science, profiled five women who have successfully applied STEM education in their careers.¹⁸⁴⁰ This was done to empower and inspire girls to pursue interests in STEM by offering them a different and positive view towards a STEM-based future, and also urge other women in STEM to tell their story to the world.¹⁸⁴¹

The United States has complied with its commitments to support girls' and women's education and training domestically and abroad by undertaking new initiatives that improve gender equality in education and providing vocational and technical training to women entrepreneurs. However, the US has not taken action to women's improve access to STEM.

Thus, the United States receives a score of 0.

Analyst: Lucia Dhafana-Mabika

European Union: +1

The European Union has fully complied with its commitment to continue support for girls' and women's education and training, including improved access for women to science, technology, engineering and mathematics (STEM) fields.

On 10 November 2019, the EU attended a ceremony held in Mandheera, Sahil region, where they committed to support an improved learning environment to the Ministry of Education and Science to expand quality education in Somaliland.¹⁸⁴² This initiative aims to provide 5,000 girls with expanded quality education.¹⁸⁴³ The EU's commitment goes toward the Somaliland Ministry of Education and Science's Education Sector Strategic Plan, comprising 10 new schools, 65 new classrooms, 30 renovated classrooms and school furniture.¹⁸⁴⁴

On 10 December 2019, EU employment ministers endorsed a proposal from Finland's Presidency of the Council of the EU to provide European citizens with free access to a successful online course on

¹⁸³⁹ Keynote Remarks at the 5th Annual Papua New Guinea Women's Forum, U.S. Department of State (Washington D.C.) 7 November 2019. Access Date: 6 February 2020. <https://www.state.gov/keynote-remarks-at-the-5th-annual-papua-new-guinea-womens-forum/>

¹⁸⁴⁰ Light a Spark: Empowering Women and Girls in STEM, U.S. Chamber of Commerce Foundation (Washington D.C.) 11 February 2020. Access Date: 6 February 2020. <https://www.uschamberfoundation.org/event/light-spark-empowering-women-and-girls-stem>

¹⁸⁴¹ Light a Spark: Empowering Women and Girls in STEM, U.S. Chamber of Commerce Foundation (Washington D.C.) 11 February 2020. Access Date: 6 February 2020. <https://www.uschamberfoundation.org/event/light-spark-empowering-women-and-girls-stem>

¹⁸⁴² School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

¹⁸⁴³ School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

¹⁸⁴⁴ School Infrastructure Boost, the European Union Hands over New Schools and Classrooms in Somaliland, European Union External Action (Mogadishu) 10 November 2019. Access Date: 19 December 2019. https://eeas.europa.eu/headquarters/headquarters-homepage/70190/school-infrastructure-boost-european-union-hands-over-new-schools-and-classrooms-somaliland_en

basic artificial intelligence.¹⁸⁴⁵ This project is intended to boost participation of women's STEM education through its high take-up (40 per cent).¹⁸⁴⁶

The European Union has fully complied with its commitment to work together with developing countries to continue support for girls' and women's education and training, including increased access for women to STEM.

Thus, the European Union has received a score of +1.

Analyst: Julia Orsini

¹⁸⁴⁵ EU Presidency Extends Access to Free AI Course across EU, University World News. 13 December 2019 Access Date: 18 December 2019. <https://www.universityworldnews.com/post.php?story=20191213090853674>

¹⁸⁴⁶ EU Presidency Extends Access to Free AI Course across EU, University World News. 13 December 2019 Access Date: 18 December 2019. <https://www.universityworldnews.com/post.php?story=20191213090853674>

12. Gender: Labour Market

“We will also address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market.”

G20 Osaka Leaders Declaration

Assessment

	Lack of Compliance	Work in Progress	Full Compliance
Argentina	-1		
Australia			+1
Brazil		0	
Canada			+1
China		0	
France			+1
Germany		0	
India			+1
Indonesia		0	
Italy		0	
Japan		0	
Korea	-1		
Mexico		0	
Russia		0	
Saudi Arabia			+1
South Africa		0	
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Overall Score	+0.35 (68%)		

Background

Women continue to remain underrepresented in the labour market globally. According to the International Labour Organization (ILO), women share the majority of care-giving responsibilities in the household and are thus hindered from joining the labour force due to the difficulty in sustaining a balance between home and work life.¹⁸⁴⁷ In 2019 the ILO reported that half of women worked at paid jobs worldwide, in comparison to four in five men.¹⁸⁴⁸ It reported that the increased participation of women in the workforce is critical because it can contribute both to human development and economic productivity.¹⁸⁴⁹

¹⁸⁴⁷ Towards a better future for women and work: Voices of women and men, International Labour Organization (ILO), 19 July 2019. Access Date: 20 November 2019. https://www.ilo.org/wcmsp5/groups/public/-/ro-geneva/-/sro-moscow/documents/publication/wcms_713438.pdf

¹⁸⁴⁸ Towards a better future for women and work: Voices of women and men, International Labour Organization (ILO), 19 July 2019. Access Date: 20 November 2019. https://www.ilo.org/wcmsp5/groups/public/-/ro-geneva/-/sro-moscow/documents/publication/wcms_713438.pdf

¹⁸⁴⁹ Towards a better future for women and work: Voices of women and men, International Labour Organization (ILO), 19 July 2019. Access Date: 20 November 2019. https://www.ilo.org/wcmsp5/groups/public/-/ro-geneva/-/sro-moscow/documents/publication/wcms_713438.pdf

At the 2019 Osaka Summit, the leaders reiterated the commitment they made the 2014 Brisbane Summit to “reduce the gap in labour force participation between men and women by 25 percent by 2025.”¹⁸⁵⁰ They emphasized the importance of measures to develop women’s access to the economy in order to improve global economic growth.¹⁸⁵¹

At the 2015 Antalya Summit, G20 members included the involvement of the Women’s 20 (W20) in order to promote women’s economic empowerment to further contribute to a reduction of gender inequality.¹⁸⁵²

At the 2016 Hangzhou Summit, G20 members promoted equitable access to the labour-market with a focus on women in industrialization, science, technology and innovation.¹⁸⁵³

The G20’s action on unpaid care work has been modest due to the persistence of “large gender gaps in the incidence of low-paid work.”¹⁸⁵⁴ Most measures undertaken by G20 members have involved supporting women in transition from maternity leave to the labour market and addressing harassment in the workplace that prevents women’s participation.¹⁸⁵⁵

Commitment Features

The G20 members committed to “address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market.”¹⁸⁵⁶ As per the G20 Osaka Leaders’ Declaration, the commitment seeks to address the gender gap in unpaid care work by 1) recognizing the role of care in society, 2) reducing the burden of unpaid care work and 3) to redistribute the burden of unpaid care work.¹⁸⁵⁷

“Address” refers to the attention given to or to deal with action taken to target the gender gap in unpaid care work at the national level.¹⁸⁵⁸ The three levels in addressing the gender-gap in unpaid care work used here are “recognition, reduction and redistribution” (3Rs strategy) as outlined by the Organisation for Economic Co-operation and Development (OECD) and the Swedish International Development Cooperation.¹⁸⁵⁹ “Recognition” means an active effort by the country to draw attention to the role of care in society, while making the contribution of carers visible — this could be verbal,

¹⁸⁵⁰ G20 Osaka Leaders’ Declaration, G20 (Osaka) 29 June 2019. Access Date: 19 November 2019.

<http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁸⁵¹ G20 Osaka Leaders’ Declaration, G20 (Osaka) 29 June 2019. Access Date: 19 November 2019.

<http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁸⁵² G20 Leaders’ Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 19 November . <http://www.g20.utoronto.ca/2015/151116-communique.html>

¹⁸⁵³ G20 Leaders’ Communiqué Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 29 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

¹⁸⁵⁴ Women at Work in G20 countries: Progress and policy action (Osaka) 22-24 April 2019. Access Date: 6 March 2020. <https://www.oecd.org/g20/summits/osaka/G20-Women-at-Work.pdf>.

¹⁸⁵⁵ Women at Work in G20 countries: Progress and policy action (Osaka) 22-24 April 2019. Access Date: 6 March 2020. <https://www.oecd.org/g20/summits/osaka/G20-Women-at-Work.pdf>.

¹⁸⁵⁶ G20 Osaka Leaders’ Declaration, G20 (Osaka) 29 June 2019. Access Date: 19 November 2019.

https://g20.org/en/documents/final_g20_osaka_leaders_declaration.html

¹⁸⁵⁷ G20 Osaka Leaders’ Declaration, G20 (Osaka) 29 June 2019. Access Date: 19 November 2019.

<http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

¹⁸⁵⁸ Compliance Coding Manual for International Institutional Commitments, Global Governance Program (Toronto) 6 August 2019. http://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2019.pdf?fbclid=IwAR2bEV72Vpfy9P_dYFWWbLFyMIPIZKHefixdSV7dczhzS86GHPkNMWdqCP4

¹⁸⁵⁹ Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

symbolic or tangible efforts to recognize the role of females in unpaid care work.¹⁸⁶⁰ Recognition also involves the collection of data (qualitative and quantitative) on the distribution of the burden of care work among individuals, communities and institutions. Thus, recognition provides the information required for effective “reduction.”¹⁸⁶¹

“Reduction” could include efforts to decrease the time and labour burden imposed on women due to unpaid care work activities and removing obstacles to women’s participation in the labour market through the imposition of policies, government services and new infrastructure.¹⁸⁶²

“Redistribution” means the reallocation of the burden of unpaid care work across individuals, communities and institutions, in terms of time and resources, through policies and initiatives.¹⁸⁶³ This could be done by encouraging the implementation of economic and labour market policies that uphold ILO principles such as “flexible working arrangements, provision of parental leave, provision of affordable child-care, social security, pension credits, tax allowances and care services for the elderly.”¹⁸⁶⁴ Thus, the action to “address the gender gap” entails active endeavours to “recognize, reduce and redistribute” the burden imposed on females due to the gender-gap in unpaid care work by a G20 member headed at the national level.

“Unpaid care work” refers to “all unpaid services provided within a household for its members, including care of persons, housework and voluntary community work. These activities are considered work, because a third person could be paid to perform them.”¹⁸⁶⁵ There is a disproportionate gender gap in unpaid care work in terms of time commitment between males and females all over the world. “Unpaid” refers to the fact that no remuneration is paid to the individual performing the task.¹⁸⁶⁶ “Care” refers to activities that include the protection of dependents such as children or the elderly, in terms of health care and necessary maintenance.¹⁸⁶⁷ “Work” refers to physical or mental activity that is costly in terms of time and effort.¹⁸⁶⁸ In 2019 the OECD reported that men devoted 36 minutes to unpaid care responsibilities on average, of which 36 per cent went into housework and 64 per cent went to shopping, care for household members and travel related to household activities. By

¹⁸⁶⁰ Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁶¹ Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁶² Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁶³ Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁶⁴ Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁶⁵ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁶⁶ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁶⁷ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁶⁸ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

comparison, women devoted on average six hours to unpaid care activities, with roughly 85 per cent of this time going towards housework only.¹⁸⁶⁹

Unpaid care work prevents a woman's ability to access employment and education opportunities. Efforts to address unpaid care work will tackle the uneven distribution of care-work, increase women's participation in the labour market, achieve a balance between employment and care work for the woman's dependents, and ensure women are compensated for their responsibilities in the home and in the market.¹⁸⁷⁰ Further efforts to address unpaid care work involves "expanding the use of social policy measures to encourage more gender balanced childcare, changing stereotypes and norms around caregiving and housework, closing the coverage gaps in early childhood education and care as well as increasing investments in care services, and by closing data gaps on gender differences in work-life balance."¹⁸⁷¹

"Women's participation" refers to the active implementation of efforts to increase the opportunities for women to achieve positions of leadership and management. Efforts to promote empowerment must include commitments to the provision of education, training opportunities, and the formation of policies and practices to create a gender-equal work environment within the national circumstances of the G20 member.¹⁸⁷² Efforts to target women's empowerment must be quality actions that recognize women's roles in reproduction and equip women with the necessary skills to enter into a workforce that is suited to their needs.¹⁸⁷³

"Obstacle" refers to barriers that prevent the involvement of women in the labour market. Thus, G20 members should partake in conscious and tangible actions that support the commitment to increase the participation of women in the labour force through an improvement on women's work-life balance.

To achieve full compliance, G20 members must address both the eradication of obstacles and efforts to promote women's participation in two key areas: improvement of work-life balance through investment in public services and the implementation of "family-friendly" workplace policies.¹⁸⁷⁴ Actions that improve women's work-life balance include improved access to public services for both children, the elderly, and the implementation of after-school care or pre-school educational services.¹⁸⁷⁵ Efforts to implement "family-friendly" policies include initiatives to increase maternity

¹⁸⁶⁹ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁷⁰ Gender equality in the G20 — Additional analysis from the time dimension (summary), International Labour Organization and the Organisation for Economic Co-operation and Development 22 April 2019. Access Date: 5 March 2020. https://www.ilo.org/global/docs/WCMS_713377/lang--en/index.htm

¹⁸⁷¹ Gender equality in the G20 — additional analysis from the time dimension (Tokyo) 22-24 April 2019. Access Date: 6 March 2020. https://www.ilo.org/wcmsp5/groups/public/---dgreports/---cabinet/documents/publication/wcms_713377.pdf.

¹⁸⁷² Quick Guide to What and How: Unpaid Care Work. OECD and Swedish International Development Cooperation Agency. (Stockholm) Access Date: 22 March 2020. <https://www.oecd.org/dac/gender-development/47565971.pdf>

¹⁸⁷³ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre. (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁷⁴ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁷⁵ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

leave subsidies, increase paternity leave, and eliminate discriminatory social norms and gender stereotypes that discourage women's participation within labour markets.¹⁸⁷⁶ Partial compliance entails the G20 member's ability to take action to address at least one of the targets on either the improvement of public services directed towards care-work or the implementation of social policies that ensure the workplace is friendly to returning mothers and facilitates a smooth transition to the workplace.¹⁸⁷⁷ No compliance is the G20 member's failure to meet any the targets within the gender commitment.

Scoring Guidelines

-1	G20 member does not address the gender gap by increasing public services to address unpaid care-work and does not implement policies to facilitate a “family-friendly” workplace.
0	G20 member partially addresses the gender gap by either increasing public services to address unpaid care work OR implementing policies to facilitate a “family-friendly” workplace.
+1	G20 member fully addresses the gender gap by increasing public services to address unpaid care work AND implementing policies to facilitate a “family-friendly” workplace.

Compliance Director: Nicole Vucemilo

Lead Analyst: Shamshir Malik

Argentina: -1

Argentina has not complied with its commitment to address the gender gap in unpaid care work through the effective recognition, reduction and reallocation the burden of unpaid care work in terms of time and labour resources.

On 16 July 2019, the International Labour Organization (ILO) reported that only two out of “10 companies have women as CEOs in Argentina.”¹⁸⁷⁸ According to the report, the joint initiative implemented by the ILO and UN Women a few years ago “to promote gender equality and women’s leadership in the business world” has not been successful in Argentina.¹⁸⁷⁹ Though the country has reported an increase in financial benefits by more than 15 per cent, women remain underrepresented in managerial and senior positions.¹⁸⁸⁰ During the compliance period, only a small number of women CEOs were employed by Argentinian companies.¹⁸⁸¹

On 16 December 2019, a report published by the World Economic Forum (Global Gender Gap Report 2020), reported that Argentina’s “marketing profession has reached gender parity.”¹⁸⁸² The report stated that women in Argentina’s labour market are more active, comprising 57 per cent of

¹⁸⁷⁶ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁷⁷ Unpaid Care Work: The missing link in the analysis of gender gaps in labour outcomes. OECD Development Centre (Paris) 14 December 2019. Access Date: 22 March 2020. https://www.oecd.org/dev/development-gender/Unpaid_care_work.pdf

¹⁸⁷⁸ Only 2 Out of 10 Companies have Women as CEOs in Argentina, International Labour Organization (Geneva) 16 July 2019. Access Date: 9 February 2020. https://www.ilo.org/actemp/news/WCMS_714836/lang--en/index.htm.

¹⁸⁷⁹ Only 2 Out of 10 Companies have Women as CEOs in Argentina, International Labour Organization (Geneva) 16 July 2019. Access Date: 9 February 2020. https://www.ilo.org/actemp/news/WCMS_714836/lang--en/index.htm.

¹⁸⁸⁰ Only 2 Out of 10 Companies have Women as CEOs in Argentina, International Labour Organization (Geneva) 16 July 2019. Access Date: 9 February 2020. https://www.ilo.org/actemp/news/WCMS_714836/lang--en/index.htm.

¹⁸⁸¹ Only 2 Out of 10 Companies have Women as CEOs in Argentina, International Labour Organization (Geneva) 16 July 2019. Access Date: 9 February 2020. https://www.ilo.org/actemp/news/WCMS_714836/lang--en/index.htm.

¹⁸⁸² Global Gender Gap Report 2020, World Economic Forum (Cologny) 16 December 2019. Access Date: 9 February 2020. http://www3.weforum.org/docs/WEF_GGGR_2020.pdf.

workers. However, despite the equalization in labour participation, gender parity has not been reached in senior roles, professional and technical fields.¹⁸⁸³

On 9 December 2019, the United Nations Development Programme (UNDP) published a Human Development Report 2019 which found that “in Argentina, 39.5 per cent of parliamentary seats are held by women.”¹⁸⁸⁴ The report also noted that “female participation in the [Argentinian] labour market is 49.0 per cent compared to 72.8 for men.”¹⁸⁸⁵ Argentinian women’s empowerment was found to be unequal across all indicators presented in the report, such as reproductive health and family planning, and socioeconomic empowerment.¹⁸⁸⁶

Argentina has not complied with its commitment of addressing the gender gap in unpaid domestic work and has not taken action to increase women’s participation in the labour market in any of the three mentioned areas of recognition, reduction and redistribution.

Thus, Argentina has received a score of -1.

Analyst: Miranda Bocci

Australia: +1

Australia has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 1 August 2019, Australia announced its financial support of a new online director called “STEM Women” to showcase women working in science, technology, engineering and mathematics (STEM) fields, in coordination with the Australian Academy of Science, the Australian Science Media Centre, and the Commonwealth Scientific and Industrial Research organization.¹⁸⁸⁷ The database helps connect a diverse range of women and offers them opportunities to progress their careers, such as posting about opportunities to speak at conferences, be part of committees and boards, and be nominated for awards and interviewed in the media.¹⁸⁸⁸ Users of the database can search for women in STEM based on their expertise, location, and other field searches.¹⁸⁸⁹

¹⁸⁸³ Global Gender Gap Report 2020, World Economic Forum (Cologny) 16 December 2019. Access Date: 9 February 2020. http://www3.weforum.org/docs/WEF_GGGR_2020.pdf.

¹⁸⁸⁴ Inequalities in Human Development in the 21st Century, United Nations Development Programme (New York) 9 December 2019. Access Date: 9 February 2020. http://hdr.undp.org/sites/all/themes/hdr_theme/country-notes/ARG.pdf.

¹⁸⁸⁵ Inequalities in Human Development in the 21st Century, United Nations Development Programme (New York) 9 December 2019. Access Date: 9 February 2020. http://hdr.undp.org/sites/all/themes/hdr_theme/country-notes/ARG.pdf.

¹⁸⁸⁶ Inequalities in Human Development in the 21st Century, United Nations Development Programme (New York) 9 December 2019. Access Date: 9 February 2020. http://hdr.undp.org/sites/all/themes/hdr_theme/country-notes/ARG.pdf.

¹⁸⁸⁷ New database to boost the visibility of women in STEM, the Australian Academy of Science (Canberra) 1 August 2019. Access Date: 11 February 2020. <https://www.science.org.au/news-and-events/news-and-media-releases/new-database-boost-visibility-women-stem>.

¹⁸⁸⁸ New database to boost the visibility of women in STEM, the Australian Academy of Science (Canberra) 1 August 2019. Access Date: 11 February 2020. <https://www.science.org.au/news-and-events/news-and-media-releases/new-database-boost-visibility-women-stem>.

¹⁸⁸⁹ New database to boost the visibility of women in STEM, the Australian Academy of Science (Canberra) 1 August 2019. Access Date: 11 February 2020. <https://www.science.org.au/news-and-events/news-and-media-releases/new-database-boost-visibility-women-stem>.

On 28 August 2019, the Workplace Gender Equality Agency (WGEA), a statutory agency under the Government of Australia, in coordination with KPMG, launched the newest instalment of the “She’s Price(d)less: the economics of the gender pay gap.”¹⁸⁹⁰ While the report lists factors that underlie the gender pay gap, and to what extent they contribute, the report also outlines information for employers on how to enact change.¹⁸⁹¹ The actions fall under the categories of Gender Discrimination, Care, family responsibilities and workforce participation and gender segregation in industries and occupations.¹⁸⁹² WGEA encouraged organizations to take at least one action from this report by the next Equal Pay Day, which occurs every year in August.¹⁸⁹³

On 11 October 2019, the Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government announced the launch of the Academy for Enterprising Girls’ website. The academy offers Australian girls aged 10 to 18 years the opportunity to develop skills across a variety of design, STEM, and business disciplines.¹⁸⁹⁴ The program was initiated in light of the new digital economy and its associated technologies which will transform the future economic environment.¹⁸⁹⁵ Thus, the academy intends to train Australian girls for the workforce of the future.¹⁸⁹⁶ The Academy is supported by funding from the Australian government and is delivered through the Future Female Entrepreneurs Program.¹⁸⁹⁷ The program will also deliver free access to introductory skills on business ideas, innovation, design thinking, and digital skills to girls, regardless of their geographic location.¹⁸⁹⁸ This series will include a number of in-person workshops and entrepreneurship-e learning.¹⁸⁹⁹

¹⁸⁹⁰ We know the causes, now it's time for action, The Workplace Gender Equality Agency (Sydney) 28 August 2019. Access Date: 11 February 2020. <https://www.wgea.gov.au/newsroom/latest-news/we-know-the-causes-now-its-time-for-action>.

¹⁸⁹¹ We know the causes, now it's time for action, The Workplace Gender Equality Agency (Sydney) 28 August 2019. Access Date: 11 February 2020. <https://www.wgea.gov.au/newsroom/latest-news/we-know-the-causes-now-its-time-for-action>.

¹⁸⁹² We know the causes, now it's time for action, The Workplace Gender Equality Agency (Sydney) 28 August 2019. Access Date: 11 February 2020. <https://www.wgea.gov.au/newsroom/latest-news/we-know-the-causes-now-its-time-for-action>.

¹⁸⁹³ We know the causes, now it's time for action, The Workplace Gender Equality Agency (Sydney) 28 August 2019. Access Date: 11 February 2020. <https://www.wgea.gov.au/newsroom/latest-news/we-know-the-causes-now-its-time-for-action>.

¹⁸⁹⁴ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

¹⁸⁹⁵ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

¹⁸⁹⁶ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

¹⁸⁹⁷ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

¹⁸⁹⁸ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

¹⁸⁹⁹ Academy for Enterprising Girls’ website launch, The Office for Women in the Department of the Prime Minister and Cabinet of the Australian Government (Adelaide) 11 October 2019. Access Date: 10 February 2020. <https://www.pmc.gov.au/news-centre/office-women/academy-enterprising-girls-website-launch>.

On 22 October 2019, the WGEA released Australia's most comprehensive Gender Equality Strategy Toolkit (GES Toolkit).¹⁹⁰⁰ The GES Toolkit allows Australian businesses to measure their progress on workplace gender equality and also provides a blueprint for the implementation and development of gender equality strategies in the workplace.¹⁹⁰¹ The Toolkit was developed in response to feedback from businesses and organizations across Australia.¹⁹⁰²

Australia has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, Australia receives a score of +1.

Analyst: Andrea Ho

Brazil: 0

Brazil has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 25 November 2019, Brazil's Family, Women and Human Rights Minister Damares Alves held a news conference published by the Human Rights watch on 10 January 2020 which expressed concerns regarding the lack of action taken by the government to protect women from gender-based violence.¹⁹⁰³ It was noted during the conference that the funding for projects to work vulnerable women had been reduced since January of 2019.¹⁹⁰⁴

On 6 December 2019, National Confederation of Apparel Workers (CNTRV) President Francisca Trajano discussed a study that uncovered the extent of sexual harassment by supervisors, and the violence at work places such as in garment factories.¹⁹⁰⁵ Furthermore, it was noted that women of colour and those who belonged to the LGBTQ community are bullied and Afro-Brazilian women are often assigned the worse services.¹⁹⁰⁶ As per the new report "Promoting Human Rights and Strengthening Trade Union Action and Equality in the Brazilian Clothing Sector," women in Brazil's textile and shoe factories who took part in a recent study say they have faced violence in some

¹⁹⁰⁰ WGEA releases comprehensive gender equality toolkit for businesses, The Workplace Gender Equality Agency (Sydney) 22 October 2019. Access Date: 10 February 2020. <https://www.wgea.gov.au/wgea-releases-comprehensive-gender-equality-toolkit-for-businesses>.

¹⁹⁰¹ WGEA releases comprehensive gender equality toolkit for businesses, The Workplace Gender Equality Agency (Sydney) 22 October 2019. Access Date: 10 February 2020. <https://www.wgea.gov.au/wgea-releases-comprehensive-gender-equality-toolkit-for-businesses>.

¹⁹⁰² WGEA releases comprehensive gender equality toolkit for businesses, The Workplace Gender Equality Agency (Sydney) 22 October 2019. Access Date: 10 February 2020. <https://www.wgea.gov.au/wgea-releases-comprehensive-gender-equality-toolkit-for-businesses>.

¹⁹⁰³ Brazil's Empty Gestures to Women, Human Rights Watch (New York) 10 January 2020. Access Date: 8 February 2020. https://www.hrw.org/news/2020/01/10/brazils-empty-gestures-women?fbclid=IwAR0ebdqJ5-QMW82F7-1iQRQ5NGWIQRymHvRahu_rgUBARKrdk2xU2wYpFK8.

¹⁹⁰⁴ Brazil's Empty Gestures to Women, Human Rights Watch (New York) 10 January 2020. Access Date: 8 February 2020. https://www.hrw.org/news/2020/01/10/brazils-empty-gestures-women?fbclid=IwAR0ebdqJ5-QMW82F7-1iQRQ5NGWIQRymHvRahu_rgUBARKrdk2xU2wYpFK8.

¹⁹⁰⁵ Study: Gender Violence Rife In Brazil Garment Factories, Solidarity Center (Washington) 6 December 2019. Access Date: 8 February 2020 <https://www.solidaritycenter.org/study-gender-violence-rife-in-brazil-garment-factories/>.

¹⁹⁰⁶Study: Gender Violence Rife In Brazil Garment Factories. Solidarity Center (Washington) 6 December 2019. Access Date: 8 February 2020 <https://www.solidaritycenter.org/study-gender-violence-rife-in-brazil-garment-factories/>.

capacity at work such as gender-based violence and harassment to the point where some women associated work with suffering.¹⁹⁰⁷

In January 2020, the Organisation of Economic and Cooperation Development released a report on Enabling Women's Economic Development — New Approaches to Unpaid Care Work in Developing Countries in which Brazil's initiative on unpaid care work is described. Promundo in Brazil is presently working towards "transforming gender stereotypes and changing norms relating to unpaid care work."¹⁹⁰⁸ They "challenging masculinities and engaging men and boys in domestic activities" in order to remove those social stereotyping.¹⁹⁰⁹ Furthermore, Brazil aim to address the distribution of household responsibilities for unpaid care will endorse measure such as raising awareness on gender equality and creating programmes working with men to break social norms. Moreover, "sharing of care responsibilities" is promoted via Promundo and is brought to the policy making discussion table in the Secretariat for Women's Policies in Brazil.¹⁹¹⁰ Furthermore, Brazilian Secretariat State of Women's Policies will look to further enhance their work in unpaid care work by "formalizing unpaid domestic work."¹⁹¹¹ It is noted in the report that "Promundo uses fatherhood to engage men in care" as it is understood to be a "transformative life cycle event for women and men."¹⁹¹² Indirectly, Promundo is tackling the issue of unpaid care work that women are normally held responsible for through engaging men in care work and sharing responsibilities as the report states that their work with National Early Childhood Network extended paternity leave from five to twenty days for companies under Citizen Company programme.¹⁹¹³

In January 2020, Oxfam released a report called Time to Care — Unpaid and underpaid care work and the global inequality crisis mentions the larger issues that remain unaddressed such as unpaid and underpaid care work for women.¹⁹¹⁴ In addition, the report targets the leaders such as President Bolsonaro of Brazil and President Trump in the USA who continuously work towards cutting tax cuts, hatred for minorities and promote sexism through their policy making.¹⁹¹⁵

On 2 February 2020, Equal Times informed that the purpose of the "Promoting Human Rights and Strengthening Trade Union Action and Equality in the Brazilian Clothing Sector" report was to

¹⁹⁰⁷Study: Gender Violence Rife In Brazil Garment Factories, Solidarity Center (Washington) 6 December 2019. Access Date: 8 February 2020 <https://www.solidaritycenter.org/study-gender-violence-rife-in-brazil-garment-factories/>.

¹⁹⁰⁸ Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹⁰⁹ Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹¹⁰ Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹¹¹ Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹¹² Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹¹³ Enabling Women's Economic Development New Approach to Unpaid Care Work in Developing Countries, OECD (Paris) 3 June 2014. Access Date: 20 March 2020 <https://www.oecd-ilibrary.org.proxy.library.uu.nl/sites/ec90d1b1-en/index.html?itemId=/content/publication/ec90d1b1-en>.

¹⁹¹⁴ Time to Care, Oxfam (Oxford) January 2020. Access Date: 20 March 2020. <https://oxfamlibrary.openrepository.com/bitstream/handle/10546/620928/bp-time-to-care-inequality-200120-en.pdf>.

¹⁹¹⁵ Time to Care, Oxfam (Oxford) January 2020. Access Date: 20 March 2020. <https://oxfamlibrary.openrepository.com/bitstream/handle/10546/620928/bp-time-to-care-inequality-200120-en.pdf>.

create a dialogue between the workers to seek refuge from gender-based violence.¹⁹¹⁶ The report led the Union members at garment factories in southern Brazilian state of Minas Gerais to negotiate a contract clause to trainings for managers to combat gender-based violence and harassment in workplaces. Moreover, CNRTV president Francisca Trajano states that Unions are being monitored to address gender-based violence and harassment.¹⁹¹⁷

Brazil has partially complied with its commitment to address the gender gap in unpaid care work and to take action to increase women's participation in labour market.

Thus, Brazil received a score of 0.

Analyst: Varisha Naeem

Canada: +1

Canada has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 5 July 2019, Minister of Employment, Workforce Development and Labour Patty Hajdu announced a payment of CAD2,786,696 to the AfterMeToo, APTN and the Canadian Women's Foundation, as part of Employment and Social Development Canada's Workplace Harassment and Violence Prevention Fund.¹⁹¹⁸ The fund intends to support the three organizations collaborative project: Roadmap to Future Workplaces.¹⁹¹⁹ The project aims to ensure that workplaces for both genders are safe, accountable and transparent environments that are free from violence and sexual harassment.¹⁹²⁰

On 23 July 2019, the representative of the riding of Halifax in the Canadian House of Commons Andy Fillmore has announced on behalf of Minister Hajdu the granting of a CAD2.5 million funds to the Nova Scotia Apprenticeship Agency in support of its Advancing Women in Apprenticeship project.¹⁹²¹ The project aims to increase the awareness of forty women from diverse communities, including Indigenous females, African Nova Scotians and newcomers on skilled trades and employer-

¹⁹¹⁶ Gender Violence Study in Brazilian Garment Factories Provides A Wake-Up Call To Action, Equal Times (Brussels) 3 February 2020. Access Date: 8 February 2020. <https://www.equaltimes.org/gender-violence-study-in-brazilian#.Xj3TYVJKhQL>

¹⁹¹⁷ Gender Violence Study in Brazilian Garment Factories Provides A Wake-Up Call To Action, Equal Times (Brussels) 3 February 2020. Access Date: 8 February 2020. <https://www.equaltimes.org/gender-violence-study-in-brazilian#.Xj3TYVJKhQL>

¹⁹¹⁸ Government of Canada supports training and resources for workplace harassment and violence, Government of Canada (Toronto) 5 July 2019. Access Date: 23 January 2020. <https://www.canada.ca/en/employment-social-development/news/2019/07/government-of-canada-supports-training-and-resources-for-workplace-harassment-and-violence.html>.

¹⁹¹⁹ Government of Canada supports training and resources for workplace harassment and violence, Government of Canada (Toronto) 5 July 2019. Access Date: 23 January 2020. <https://www.canada.ca/en/employment-social-development/news/2019/07/government-of-canada-supports-training-and-resources-for-workplace-harassment-and-violence.html>.

¹⁹²⁰ Government of Canada supports training and resources for workplace harassment and violence, Government of Canada (Toronto) 5 July 2019. Access Date: 23 January 2020. <https://www.canada.ca/en/employment-social-development/news/2019/07/government-of-canada-supports-training-and-resources-for-workplace-harassment-and-violence.html>.

¹⁹²¹ Government of Canada helps women in Atlantic provinces prepare for high-demand and well-paying jobs in the construction trades, Government of Canada (Halifax) 23 July 2019. Access Date: 23 January 2020. <https://www.canada.ca/en/employment-social-development/news/2019/07/government-of-canada-helps-women-in-atlantic-provinces-prepare-for-highdemand-and-wellpaying-jobs-in-the-construction-trades.html>.

specific training, in addition to supporting women in finding well-paying jobs in construction trades.¹⁹²²

On 7 August 2019, Minister of Small Business and Export Promotion Honourable Mary Ng and as part of the Women Entrepreneurship Strategy, announced an investment of CAD1.7 million in ventureLAB to launch the initiative Tech Undivided.¹⁹²³ As stated by Melissa Chee, President and CEO of ventureLAB, “We are excited to launch Tech Undivided. This initiative will support women working in tech by bridging gender and diversity gaps and creating equity in tech, a sector in which women have been historically under-represented.”¹⁹²⁴

On 22 August 2019, Minister Ng announced a federal fund of CAD19 million to women entrepreneurs, academic institutes and non-governmental organizations supporting women entrepreneurs in Ontario province.¹⁹²⁵ The fund will be utilized by the recipients to support and educate Canadian women, marginalized women with mental disabilities, Indigenous women in rural communities and new immigrants to start up and enhance their own businesses.¹⁹²⁶ In addition, will offer effective solutions for overcoming barriers preventing the participation of women in the workforce.¹⁹²⁷

On 10 December 2019, Minister of Justice and Attorney General David Lametti announced that funding of CAD1.7 million will be granted over a five-year period to the Prince Edward Island Human Rights Commission and the Community Legal Information Association of Prince Edward Island.¹⁹²⁸ As a result of this governmental support, the Prince Edward Island Human Rights Commission will conduct public awareness campaigns directed to both male and female employers, in addition to with training sessions for employers to support identification and prevention of sexual harassment in the workplace.¹⁹²⁹ While the Community Legal Information Association project will

¹⁹²² Government of Canada helps women in Atlantic provinces prepare for high-demand and well-paying jobs in the construction trades, Government of Canada (Halifax) 23 July 2019. Access Date: 23 January 2020.

<https://www.canada.ca/en/employment-social-development/news/2019/07/government-of-canada-helps-women-in-atlantic-provinces-prepare-for-highdemand-and-wellpaying-jobs-in-the-construction-trades.html>.

¹⁹²³ Minister Ng announces Women Entrepreneurship Strategy investment, Government of Canada (Markham) 7 August 2019. Access Date: 13 March 2020. <https://www.canada.ca/en/innovation-science-economic-development/news/2019/08/minister-ng-announces-women-entrepreneurship-strategy-investment.html>.

¹⁹²⁴ Minister Ng announces Women Entrepreneurship Strategy investment, Government of Canada (Markham) 7 August 2019. Access Date: 13 March 2020. <https://www.canada.ca/en/innovation-science-economic-development/news/2019/08/minister-ng-announces-women-entrepreneurship-strategy-investment.html>.

¹⁹²⁵ Minister Ng announces Women Entrepreneurship Strategy investment, Government of Canada (Toronto) 22 August 2019. Access Date: 13 February 2020. <https://www.canada.ca/en/innovation-science-economic-development/news/2019/08/minister-ng-announces-women-entrepreneurship-strategy-investments2.html>.

¹⁹²⁶ Minister Ng announces Women Entrepreneurship Strategy investment, Government of Canada (Toronto) 22 August 2019. Access Date: 13 February 2020. <https://www.canada.ca/en/innovation-science-economic-development/news/2019/08/minister-ng-announces-women-entrepreneurship-strategy-investments2.html>.

¹⁹²⁷ Minister Ng announces Women Entrepreneurship Strategy investment, Government of Canada (Toronto) 22 August 2019. Access Date: 13 February 2020. <https://www.canada.ca/en/innovation-science-economic-development/news/2019/08/minister-ng-announces-women-entrepreneurship-strategy-investments2.html>.

¹⁹²⁸ Government of Canada supports initiatives to address workplace sexual harassment in Prince Edward Island, Government of Canada (Charlottetown) 10 December 2019. Access Date: 23 January 2020.

<https://www.canada.ca/en/department-justice/news/2019/12/government-of-canada-supports-initiatives-to-address-workplace-sexual-harassment-in-prince-edward-island.html>.

¹⁹²⁹ Government of Canada supports initiatives to address workplace sexual harassment in Prince Edward Island, Government of Canada (Charlottetown) 10 December 2019. Access Date: 23 January 2020.

<https://www.canada.ca/en/department-justice/news/2019/12/government-of-canada-supports-initiatives-to-address-workplace-sexual-harassment-in-prince-edward-island.html>.

provide free legal advice program for victims of sexual harassment in the workplace, in addition to conducting a public legal education campaign for employees and employers.¹⁹³⁰

On 13 February 2020, Minister of Labour Honourable Filomena Tassi announced the launch of Build a Dream's Career Exploration Expansion project which targets the recruitment of female high school students to jobs in the skilled service industry.¹⁹³¹ The project received a fund of CAD728,000 through the Skilled Trades Awareness and Readiness program, which intends to promote the participation of all Canadians facing barriers such as women in the service industry.¹⁹³² The program includes career expos, skill development workshops and work experiences. An estimate of 5,000 females are expected to benefit from the program across Canada.¹⁹³³ As stated by Carla Qualtrough, Minister of Employment, Workforce Development and Disability Inclusion, “The new Skilled Trades Awareness and Readiness program will help equip young Canadian women facing barriers to employment with the foundational skills, knowledge and experience they need to get training and start well-paying careers in the skilled trades.”¹⁹³⁴

Canada has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, Canada has received a score of +1.

Analyst: Omar Abdellatif

China: 0

China has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market in the three areas of recognition, reduction and reallocation.

On 2 July 2019, the State Council of the People’s Republic of China announced that it would dedicate further efforts to improving working conditions on the household service industry which

¹⁹³⁰ Government of Canada supports initiatives to address workplace sexual harassment in Prince Edward Island, Government of Canada (Charlottetown) 10 December 2019. Access Date: 23 January 2020.
<https://www.canada.ca/en/department-justice/news/2019/12/government-of-canada-supports-initiatives-to-address-workplace-sexual-harassment-in-prince-edward-island.html>.

¹⁹³¹ Government of Canada helps young women prepare for high-demand and well-paying jobs in the skilled trades, Government of Canada (Windsor) 13 February 2020. Access Date: 23 February 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/government-of-canada-helps-young-women-prepare-for-high-demand-and-wellpaying-jobs-in-the-skilled-trades.html>.

¹⁹³² Government of Canada helps young women prepare for high-demand and well-paying jobs in the skilled trades, Government of Canada (Windsor) 13 February 2020. Access Date: 23 February 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/government-of-canada-helps-young-women-prepare-for-high-demand-and-wellpaying-jobs-in-the-skilled-trades.html>.

¹⁹³³ Government of Canada helps young women prepare for high-demand and well-paying jobs in the skilled trades, Government of Canada (Windsor) 13 February 2020. Access Date: 23 February 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/government-of-canada-helps-young-women-prepare-for-high-demand-and-wellpaying-jobs-in-the-skilled-trades.html>.

¹⁹³⁴ Government of Canada helps young women prepare for high-demand and well-paying jobs in the skilled trades, Government of Canada (Windsor) 13 February 2020. Access Date: 23 February 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/government-of-canada-helps-young-women-prepare-for-high-demand-and-wellpaying-jobs-in-the-skilled-trades.html>.

has employed tens of millions of rural women.¹⁹³⁵ The State Council released a guideline that encouraged domestic service providers to sign labor contracts with their employees, pay salaries above minimum wage, and offer social security to women working in the household service industry.¹⁹³⁶ Domestic service providers that adhere to these guidelines will qualify for value-added tax deductions, easier loans, and diversified financing channels.¹⁹³⁷ The State Council also intends to set up training programs in colleges, run by home service enterprises, to promote skill development and awareness about these new conditions.¹⁹³⁸ The new program is anticipated to bring drastic changes to home services enterprises, which previously just functioned as “matchmakers,” that have not held accountable for work-related incidents or pre-work training.¹⁹³⁹

On 15 August 2019, the State Council hosted the fifth annual Guizhou women’s manual skills and innovative projects competition in Guiyang, the capital of South West China’s Guizhou province.¹⁹⁴⁰ The program has been run by the local government in an attempt to train rural women in embroidery, wax dyeing, and other handicrafts to give them meaningful skills to lift them out of poverty.¹⁹⁴¹

On 11 October 2019, the State Council announced that the China’s Spring Bud Project, aimed at helping impoverished girls to finish schooling, has funded and helped over 3.69 million girls in the past 30 years, collected donations worth USD297.5 million and provided assistance to building 1,811 “Spring Bud” schools.¹⁹⁴²

On 20 November 2019, the State Council announced that rural women in Guangxi were being trained in embroidery as part of a workshop in Rongshui Miao, an autonomous county in South China’s Guangxi Zhuang’s autonomous region.¹⁹⁴³ The project involves a “night schooling program,

¹⁹³⁵ Timely upgrade for household service sector, The State Council of the People’s Republic of China (Beijing) 2 July 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/policies/policy_watch/2019/07/02/content_281476744187922.html.

¹⁹³⁶ Timely upgrade for household service sector, The State Council of the People’s Republic of China (Beijing) 2 July 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/policies/policy_watch/2019/07/02/content_281476744187922.html.

¹⁹³⁷ Timely upgrade for household service sector, The State Council of the People’s Republic of China (Beijing) 2 July 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/policies/policy_watch/2019/07/02/content_281476744187922.html.

¹⁹³⁸ Timely upgrade for household service sector, The State Council of the People’s Republic of China (Beijing) 2 July 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/policies/policy_watch/2019/07/02/content_281476744187922.html.

¹⁹³⁹ Timely upgrade for household service sector, The State Council of the People’s Republic of China (Beijing) 2 July 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/policies/policy_watch/2019/07/02/content_281476744187922.html.

¹⁹⁴⁰ 5th Guizhou women’s manual skills, innovative products competition held in Guiyang, The State Council of the People’s Republic of China (Xinhua) 15 August 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/news/photos/201908/15/content_WS5d54b03ac6d0c6695ff7eb88.html.

¹⁹⁴¹ 5th Guizhou women’s manual skills, innovative products competition held in Guiyang, The State Council of the People’s Republic of China (Xinhua) 15 August 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/news/photos/201908/15/content_WS5d54b03ac6d0c6695ff7eb88.html.

¹⁹⁴² China’s Spring Bud Project helps over 3.69m girls in 30 years, The State Council of the People’s Republic of China (Xinhua) 11 October 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/news/photos/201910/11/content_WS5da04694c6d0bcf8c4c14e4c.html.

¹⁹⁴³ Rural women in Guangxi trained in embroidery, The State Council of the People’s Republic of China (Xinhua) 2 November 2019. Access Date: 10 February 2020.

http://english.www.gov.cn/news/photos/201911/20/content_WS5dd49b1dc6d0bcf8c4c1777e.html.

run by the local government, with the aim of helping rural women learn embroidery to support their skills development and their ability to get out of poverty.¹⁹⁴⁴

On 4 January 2020, the State Council announced that the Shangdang township's flower industry was reducing the unemployment rates for women in Shangdang.¹⁹⁴⁵ Promoting the flower industry has been part of Shangdang's industrial restructuring program.¹⁹⁴⁶ The flower industry, in particular, has helped many women from its rural areas gain employment.¹⁹⁴⁷

On 7 January 2020, the State Council announced the signing of a State Council decree to publish a regulation which would guarantee payments of wages to rural migrant workers, with an emphasis on female migrant workers, to go into effect on 1 May 2020.¹⁹⁴⁸ To ensure that rural migrant workers get their wages on time, and in full, this regulation has clauses identifying the responsibilities of employers and related government departments for regulating wage payments.¹⁹⁴⁹ In particular, the Women's Federation will be given a role in receiving reports and complaints and ensuring obligations are met according to the regulation.¹⁹⁵⁰

On 9 March 2020, the State Council announced that 28,000 female medical workers who were sent to aid epidemic control efforts in Hubei would be recognized through satisfying for personal or special items.¹⁹⁵¹ This is an attempt by the government to recognize women working in the healthcare, medical, and science and technology industry who have played a significant role in treating patients.¹⁹⁵²

China has partially complied with its commitment by effectively recognizing and redistribute the gender gap in unpaid care work, but not taking any concrete measures to reallocate the burden in terms of time and labour on certain individuals, communities and institutions.

¹⁹⁴⁴ Rural women in Guangxi trained in embroidery, The State Council of the People's Republic of China (Xinhua) 2 November 2019. Access Date: 10 February 2020.
http://english.www.gov.cn/news/photos/201911/20/content_WS5dd49b1dc6d0bcf8c4c1777e.html.

¹⁹⁴⁵ Shangdang township's burgeoning flower industry helps women out of unemployment, The State Council The People's Republic of China (Xinhua) 4 January 2020. Access Date: 10 February 2020.
http://english.www.gov.cn/news/photos/202001/04/content_WS5e0ffc75c6d0cee5d284b202.html.

¹⁹⁴⁶ Shangdang township's burgeoning flower industry helps women out of unemployment, The State Council The People's Republic of China (Xinhua) 4 January 2020. Access Date: 10 February 2020.
http://english.www.gov.cn/news/photos/202001/04/content_WS5e0ffc75c6d0cee5d284b202.html.

¹⁹⁴⁷ Shangdang township's burgeoning flower industry helps women out of unemployment, The State Council The People's Republic of China (Xinhua) 4 January 2020. Access Date: 10 February 2020.
http://english.www.gov.cn/news/photos/202001/04/content_WS5e0ffc75c6d0cee5d284b202.html.

¹⁹⁴⁸ Government releases regulation on guaranteeing wages for migrant workers, The State Council The People's Republic of China (Xinhua) 7 January 2020. Access Date: 22 March 2020.
http://english.www.gov.cn/policies/latestreleases/202001/07/content_WS5e148c74c6d0cee5d284b565.html.

¹⁹⁴⁹ Government releases regulation on guaranteeing wages for migrant workers, The State Council The People's Republic of China (Xinhua) 7 January 2020. Access Date: 22 March 2020.
http://english.www.gov.cn/policies/latestreleases/202001/07/content_WS5e148c74c6d0cee5d284b565.html.

¹⁹⁵⁰ Government releases regulation on guaranteeing wages for migrant workers, The State Council The People's Republic of China (Xinhua) 7 January 2020. Access Date: 22 March 2020.
http://english.www.gov.cn/policies/latestreleases/202001/07/content_WS5e148c74c6d0cee5d284b565.html.

¹⁹⁵¹ About 28 000 female medical workers go to help Hubei, The State Council of the People's Republic of China (Xinhua) 9 March 2020. Access Date: 22 March 2020.
http://english.www.gov.cn/statecouncil/ministries/202003/09/content_WS5e658fa7c6d0c201c2cbdced.html.

¹⁹⁵² About 28 000 female medical workers go to help Hubei, The State Council of the People's Republic of China (Xinhua) 9 March 2020. Access Date: 22 March 2020.
http://english.www.gov.cn/statecouncil/ministries/202003/09/content_WS5e658fa7c6d0c201c2cbdced.html.

Thus, China receives a score of 0.

Analyst: Andrea Ho

France: +1

France has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 13 July 2019, UN Women announced that the “global gathering” for gender equality through Generation Equality Forum initiated by UN Women and co-chaired by France and Mexico with the aid of civil society will take place in Mexico City, Mexico, from 7-8 May 2020 and will close in Paris from 7-10 July of 2020.¹⁹⁵³ The purpose of the forum is going to be a universal public conversation to call for immediate action on accountability on gender equality as well as to celebrate and empower women.¹⁹⁵⁴

From 24-26 August 2019, during the G7 gathering in Biarritz, President Emmanuel Macron prioritized gender equality, and adapting the Biarritz Partnership that was launched by the Heads of State and Government at the Biarritz Summit.¹⁹⁵⁵ This initiative was presented in the effort to create an international coalition to fight gender inequality.¹⁹⁵⁶ This coalition draws on the report with recommendations of the G7 Gender Equality Advisory Council submitted to the leaders at the Summit.¹⁹⁵⁷ The Gender Equality Advisory Council's members and mandates were renewed by President Macron in 2019.¹⁹⁵⁸

On 26 August 2019, from the Biarritz Summit in France, the Biarritz Partnership on Gender Equality demonstrates that the economic situation of women remains imbalanced to that of men in France.¹⁹⁵⁹ There are many cases where women face “economic violence” as per the definition in the Istanbul Convention.¹⁹⁶⁰ The number of women who depend on their spouses is large who do not even have

¹⁹⁵³The Generation Equality Forum — Save The Date! UN Women (Geneva) 23 July 2019. Access Date: 8 February 2020. <https://www.unwomen.org/en/news/stories/2019/7/announcer-generation-equality-forum>.

¹⁹⁵⁴ The Generation Equality Forum — Save The Date! UN Women (Geneva) 23 July 2019. Access Date: 8 February 2020. <https://www.unwomen.org/en/news/stories/2019/7/announcer-generation-equality-forum>.

¹⁹⁵⁵ The Biarritz Partnership for Gender Equality, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/>.

¹⁹⁵⁶ The Biarritz Partnership for Gender Equality, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/>.

¹⁹⁵⁷ The Biarritz Partnership for Gender Equality, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/>.

¹⁹⁵⁸Publication Of The Report Of The G7 Gender Equality Advisory Council, Elysee (Paris) 20 August 2019. Access Date: 8 February 2020. <https://www.elysee.fr/en/g7/2019/08/20/publication-of-the-report-of-the-g7-gender-equality-advisory-council>.

¹⁹⁵⁹ France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

¹⁹⁶⁰ France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

access to their bank accounts and means of payments.¹⁹⁶¹ In addition, fewer women find themselves earning a best paying position in the labour market.¹⁹⁶² The law will include a measure to promote female entrepreneurship and small and medium-sized enterprises headed by women through Bpifrance and the Agence des Participations de l'Etat (inspired by the Women-Owned Small Businesses/Small Business Act in the United States) as well as promoting the Business Angels and financing schemes for female-owned businesses.¹⁹⁶³ This law will bring about solid change in favour of gender equality in France as well as the economic development of our country.¹⁹⁶⁴

On 19 November 2019, in an article published in the Financial Times, Marlène Schiappa, France's secretary of state for gender equality, wrote that France has opted for a law on the economic emancipation of women.¹⁹⁶⁵ The French government will propose defining economic violence in law as per the suggestions of Council of Europe's Istanbul Convention.¹⁹⁶⁶ The plan involves imposing an employer-quotas to increase the female participation in the workforce and giving women the opportunity to work in banks and become entrepreneurs.¹⁹⁶⁷

On 25 November 2019, the Ministry of Europe and Foreign Affairs released a press statement on women's rights on the UN's International Day for the Elimination of Violence against Women.¹⁹⁶⁸ France remains committed to eliminating all forms of gender-based inequalities towards women.¹⁹⁶⁹ President Macron prioritizes women rights which was reflected in his G7 presidency alongside his presidency of the Committee of Ministers of the Council of Europe through his commitment on working with France's European and international partners to make the campaign Council of Europe Convention on Preventing and Combating Violence against Women and Domestic Violence known globally.¹⁹⁷⁰ France also announced EUR6.2 million in financial support for the Global Survivors

¹⁹⁶¹ France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

¹⁹⁶² France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

¹⁹⁶³ France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

¹⁹⁶⁴ France, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/french-g7-presidency/the-biarritz-partnership-for-gender-equality/article/france>.

¹⁹⁶⁵ French Minister: Gender Equality Must Be at The Heart Of Everything, Financial Times (London) 20 November 2019. Access Date: 8 February 2020. <https://www.ft.com/content/9de2ce6e-09a7-11ea-bb52-34c8d9dc6d84>.

¹⁹⁶⁶ French Minister: Gender Equality Must Be at The Heart Of Everything, Financial Times (London) 20 November 2019. Access Date: 8 February 2020. <https://www.ft.com/content/9de2ce6e-09a7-11ea-bb52-34c8d9dc6d84>.

¹⁹⁶⁷ French Minister: Gender Equality Must Be at The Heart Of Everything, Financial Times (London) 20 November 2019. Access Date: 8 February 2020. <https://www.ft.com/content/9de2ce6e-09a7-11ea-bb52-34c8d9dc6d84>.

¹⁹⁶⁸ UN — International Day For The Elimination Of Violence Against Women, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) 25 November 2019. Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/human-rights/women-s-rights/article/un-international-day-for-the-elimination-of-violence-against-women-25-nov-2019>.

¹⁹⁶⁹ UN — International Day For The Elimination Of Violence Against Women, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) 25 November 2019. Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/human-rights/women-s-rights/article/un-international-day-for-the-elimination-of-violence-against-women-25-nov-2019>.

¹⁹⁷⁰ UN — International Day For The Elimination Of Violence Against Women, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) 25 November 2019. Access Date: 8 February 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/human-rights/women-s-rights/article/un-international-day-for-the-elimination-of-violence-against-women-25-nov-2019>.

Fund, and to help women who work with victims of this terror as well as aid survivors of violence to get reintegrated into ordinary life.¹⁹⁷¹

France has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, France receives a score of +1.

Analyst: Varisha Naeem

Germany: 0

Germany has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On February 2020, Franziska Giffey, Germany's family minister, has called for women to be better represented on the directory boards of large companies.¹⁹⁷² Minister Giffey wants to require large German enterprises to have women on their directory boards, with legislation potentially coming as soon as this year.¹⁹⁷³

On 7 March 2020, Chancellor Angela Merkel stressed that enforcing equality remains a major issue in Germany, noting the gap between working men and women.¹⁹⁷⁴ Chancellor Merkel intends to create more inclusive policies involved with homemaking, support, care and also the upbringing of children that will allow equal participation of women in the working.¹⁹⁷⁵

In June 2019, the government implemented the initiative "No clichés" (Klischeefrei).¹⁹⁷⁶ It is a national cooperation project which promotes non-clichéd vocational and study choices, free from restrictive gender stereotypes.¹⁹⁷⁷ It offers support to all involved in the vocational choice process to enable them to help girls and boys make vocational choices that match their strengths — free from

¹⁹⁷¹ UN — International Day For The Elimination Of Violence Against Women, France Diplomatie — Ministry For Europe And Foreign Affairs (Paris) 25 November 2019. Access Date: 8 February 2020.

<https://www.diplomatie.gouv.fr/en/french-foreign-policy/human-rights/women-s-rights/article/un-international-day-for-the-elimination-of-violence-against-women-25-nov-2019>.

¹⁹⁷² German minister calls for female quota in boardrooms, end to "boys" club, DW News (Berlin) 17 February 2019. Access Date: 26 March 2020. <https://www.dw.com/en/german-minister-calls-for-female-quota-in-boardrooms-end-to-boys-club/a-52403735>.

¹⁹⁷³ German minister calls for female quota in boardrooms, end to "boys" club, DW News (Berlin) 17 February 2019. Access Date: 26 March 2020. <https://www.dw.com/en/german-minister-calls-for-female-quota-in-boardrooms-end-to-boys-club/a-52403735>.

¹⁹⁷⁴ Merkel: Germany must do more on gender equality, DW News (Berlin) 7 March 2020. Access Date: 27 March 2020. <https://www.dw.com/en/merkel-germany-must-do-more-on-gender-equality/a-52677474>.

¹⁹⁷⁵ Merkel: Germany must do more on gender equality, DW News (Berlin) 7 March 2020. Access Date: 27 March 2020. <https://www.dw.com/en/merkel-germany-must-do-more-on-gender-equality/a-52677474>.

¹⁹⁷⁶ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.

https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

¹⁹⁷⁷ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.

https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

gender stereotypes.¹⁹⁷⁸ The initiative's service center advises the network of partners who are committed to providing non-clichéd vocational guidance within and outside their institutions and offers practice-oriented material, background information and success stories on gender-sensitive vocational guidance.¹⁹⁷⁹

In July 2019, the amount granted for children increased, and children under six receive EUR150, for children aged six to 11 EUR202 and for children aged 12 to 17 EUR272.¹⁹⁸⁰ In addition to child benefit, single parents thus receive financial assistance for their children in the amount of the minimum maintenance payment stipulated under civil law.¹⁹⁸¹

In August 2019, through the implementation and evaluate the Good Childcare Act (Gute-KiT-Gesetz), the government is providing the federal states (Länder) with EUR5.5 billion in investments until 2022 to improve the quality of child daycare at a local level.¹⁹⁸² This includes employing more personnel, extending opening hours and reducing fees (with free daycare for children from low-income families).¹⁹⁸³

Germany partially complied with its commitment by effectively recognizing the gender gap in unpaid care work and to taking actions in the areas of childcare and paternity leave.

Thus, Germany receives a score of 0.

Analyst: Aleena Ahmed

India: +1

India has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 5 July 2019, the Ministry of Women and Child Development (WCD) announced its support for women entrepreneurship through programs such as the Micro Units Development and Refinance Agency which involve bringing credit systems to underfunded women, and the Stand-up India and the Self Help Group (SHG) movement.¹⁹⁸⁴ In particular, the WCD intends to expand the SHG

¹⁹⁷⁸ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.
https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

¹⁹⁷⁹ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.
https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

¹⁹⁸⁰ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.
https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

¹⁹⁸¹ Report of the Federal Republic of Germany, Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Berlin) August 2019. Access Date: 27 March 2020.
https://www.unece.org/fileadmin/DAM/Gender/Beijing_20/Germany.pdf.

¹⁹⁸² Annex for the Biarritz Partnership on Gender Equality, Elysee (Paris) 26 August 2019. Access Date 27 March 2020.
<https://www.elysee.fr/admin/upload/default/0001/05/b4bbf5d5cabbb20b6b20b77f735df145419f4c27.pdf>.

¹⁹⁸³ Annex for the Biarritz Partnership on Gender Equality, Elysee.fr (Paris) 26 August 2019. Access Date 27 March 2020.
<https://www.elysee.fr/admin/upload/default/0001/05/b4bbf5d5cabbb20b6b20b77f735df145419f4c27.pdf>.

¹⁹⁸⁴ Press Release: Ease of living promotes women led development, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 5 July 2019. Access Date: 10 February 2020.
<https://pib.gov.in/PressReleseDetail.aspx?PRID=1577447>.

interest subvention programme to all districts.¹⁹⁸⁵ Every woman who can be verified as a SHG member with a Jan Dhan Bank account will be allowed an overdraft of INR1000.¹⁹⁸⁶

On 12 July 2019, WCD announced a new Nirbhaya Fund dedicated to enhancing the security and safety of women.¹⁹⁸⁷ The scheme includes a number of initiatives such as the “One Stop Centres” for women suffering from violence and the “Women Helpline.”¹⁹⁸⁸ While the One Stop Centre aims to provide a range of services to women suffering from violence, including security services, medical support, legal counselling, psycho-social counselling, and temporary shelter, the “Women Helpline” intends to provide 24-hour emergency services and information to women suffering from violence by linking them to the appropriate services.¹⁹⁸⁹

On 21 November 2019, the Government of India enhanced the honorarium of Anganwadi Workers from INR3,000 to 4,500 a month.¹⁹⁹⁰ Anganwadi are centers that provide basic healthcare support to mothers and children in rural India; their employees are mainly women.¹⁹⁹¹ These women offer their services voluntarily and on a part time basis. Their work often went unrecognized and unpaid, before they were offered honorariums.¹⁹⁹²

On 29 November 2019, the WCD announced the implementation of the National Creche Scheme in the states and united territories to provide day care facilities to children (aged six months to six years) of working mothers.¹⁹⁹³ This scheme will assess the need for additional creches in each state/united territory to determine how many more are needed.¹⁹⁹⁴ Guidelines concerning the establishment and

¹⁹⁸⁵ Press Release: Ease of living promotes women led development, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 5 July 2019. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1577447>.

¹⁹⁸⁶ Press Release: Ease of living promotes women led development, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 5 July 2019. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1577447>.

¹⁹⁸⁷ Press Release: Women Helplines, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 12 July 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1578566>.

¹⁹⁸⁸ Press Release: Women Helplines, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 12 July 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1578566>.

¹⁹⁸⁹ Press Release: Women Helplines, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 12 July 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1578566>.

¹⁹⁹⁰ Press release: Increase in Salary of Workers and Helpers, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 21 November 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1592815>.

¹⁹⁹¹ Press release: Increase in Salary of Workers and Helpers, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 21 November 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1592815>.

¹⁹⁹² Press release: Increase in Salary of Workers and Helpers, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 21 November 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1592815>

¹⁹⁹³ Press release: Creches and Day Care Centres, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 29 November 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1594223>.

¹⁹⁹⁴ Press release: Creches and Day Care Centres, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 29 November 2019. Access Date: 10 February 2020.

<https://pib.gov.in/PressReleseDetail.aspx?PRID=1594223>.

maintenance of creches, particularly to ensure a consistent level of hygiene, first-aid, breastfeeding, and nutrition have been established.¹⁹⁹⁵

On 29 November 2019, the WCD announced the success of the online complaint management system for sexual harassment electronic-Box (She-Box) for registering complaints related to sexual harassment at workplace by women, including by government and private employees.¹⁹⁹⁶ So far 203 cases have been dealt with, including cases in the central government, state government, and private sector.¹⁹⁹⁷

On 7 February 2020, the WCD announced that it would provide other monetary incentives to Anganwadi workers, aside from the honorarium announced in November 2019.¹⁹⁹⁸ It also reaffirmed its support for the honorarium program.¹⁹⁹⁹

On 14 February 2020, the WCD announced a partnership with the Ministry of Skill Development and Entrepreneurship aimed at enabling and empowering women to engage in advanced skill development and related industries.²⁰⁰⁰ In particular, the WCD hopes to boost women's participation in high-productivity sectors and ensure that grassroots organizations are aware of the government's initiatives to close gaps in gender parity.²⁰⁰¹ For example, the WCD names the Indian start-up industry as having very few females and that the artificial intelligence sector should aim to have a higher proportion of women in its workforce.²⁰⁰²

On 29 February 2020, the WCD announced 11 chairs named after prominent Indian women scientists together with several "Women in Science" programs aimed at recognizing, inspiring, encouraging, and giving recognition to women in the fields of Science and Technology.²⁰⁰³ The 11 chairs have been instituted in the fields of research including Agriculture, Biotechnology,

¹⁹⁹⁵ Press release: Creches and Day Care Centres, Press Information Bureau Government of India Ministry of Women and Children Development (New Delhi) 29 November 2019. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1594223>.

¹⁹⁹⁶ Press release: SHE-box, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 29 November 2019. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1594218>.

¹⁹⁹⁷ Press release: SHE-box, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 29 November 2019. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1594218>.

¹⁹⁹⁸ Press release: Honorarium for Anganwadi workers, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 7 February 2020. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1602394>.

¹⁹⁹⁹ Press release: Honorarium for Anganwadi workers, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 7 February 2020. Access Date: 10 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1602394>.

²⁰⁰⁰ Press release: WCD Ministry partners with Ministry of Skill Development & Entrepreneurship for Skilling of Women & Children, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 14 February 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1603208>.

²⁰⁰¹ Press release: WCD Ministry partners with Ministry of Skill Development & Entrepreneurship for Skilling of Women & Children, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 14 February 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1603208>.

²⁰⁰² Press release: WCD Ministry partners with Ministry of Skill Development & Entrepreneurship for Skilling of Women & Children, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 14 February 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1603208>.

²⁰⁰³ Press release: Government announces 11 chairs in the name of eminent women in various fields of Science & Technology, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 29 February 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1604744>.

Phytomedicine, Biochemistry, Medicine, Social Sciences, Earth Science and Meteorology, Engineering, Mathematics, and Physics and Fundamental Research.²⁰⁰⁴

On 6 March 2020, the WCD, in coordination with various ministries of India and the State Governments, announced a number of programs being implemented to benefit the welfare of single women, widows with no support, as well as underprivileged young women.²⁰⁰⁵ The schemes relevant to women's increased participation in the labour market are as follows: while the Indira Gandhi National Widow Pension Scheme aims to implement a pension program for widows and elderly below the poverty line, the Mahila Shakti Kendra Scheme aims to empower rural women through community participation and so they may feel comfortable engaging in various career opportunities.²⁰⁰⁶

On 13 March 2020, the WCD announced that the Pradhan Mantri Vandana Yojana maternity benefit scheme has been delivered to 855,731 beneficiaries, each receiving INR5,000 under the scheme.²⁰⁰⁷

India has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, India receives a score of +1.

Analyst: Andrea Ho

Indonesia: 0

Indonesia has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 26 December 2019, the provincial government of Bangka Belitung Islands and UN Women announced a partnership to support women's entrepreneurship and economic empowerment in Bangka Belitung Islands.²⁰⁰⁸ The goal is to provide women with equal economic opportunities.²⁰⁰⁹

²⁰⁰⁴ Press release: Government announces 11 chairs in the name of eminent women in various fields of Science & Technology, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 29 February 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1604744>.

²⁰⁰⁵ Press release: Schemes for Welfare of Women, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 6 March 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605557>.

²⁰⁰⁶ Press release: Schemes for Welfare of Women, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 6 March 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605557>.

²⁰⁰⁷ Press release: Maternity Benefit Disbursed to 1.36 Core Beneficiaries under PMMVY, Press Information Bureau Government of India Ministry of Information Women and Children Development (New Delhi) 13 March 2020. Access Date: 22 March 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1606295>.

²⁰⁰⁸ UN Women to Support Provincial Initiatives on Women's Economic Empowerment in Bangka Belitung Island, UN Women (Pangkal Pinang) 3 January 2020. Access Date: 31 January 2020. <https://asiapacific.unwomen.org/en/news-and-events/stories/2020/01/un-women-to-support-provincial-initiatives-on-wee-in-bangka-belitung-islands>.

²⁰⁰⁹ UN Women to Support Provincial Initiatives on Women's Economic Empowerment in Bangka Belitung Island, UN Women (Pangkal Pinang) 3 January 2020. Access Date: 31 January 2020. <https://asiapacific.unwomen.org/en/news-and-events/stories/2020/01/un-women-to-support-provincial-initiatives-on-wee-in-bangka-belitung-islands>.

On 5 February 2020, Minister of National Development Planning Suharso Monoarfa announced that the Indonesian government will fight to end child marriage.²⁰¹⁰ The goal is to decrease the child marriage prevalence rate from 11.2 per cent to 8.74 per cent.²⁰¹¹

Indonesia has partially complied with its commitment to by taking steps to effectively recognize and reduce the gender gap in unpaid care work, but not taking any concrete measures to reallocate the burden in terms of time and labour on certain individuals, communities and institutions.

Thus, Indonesia receives a score of 0.

Analyst: Dania Asahi Ogie

Italy: 0

Italy has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 16 December 2019, Italy aims to raise the quota of women within corporate boards to 40 per cent.²⁰¹² This raise in the so-called "pink tax" stems from a budget measure implemented in 2011.²⁰¹³

On 13 January 2020, in a report published by the Group of Experts on Action against Violence against Women and Domestic Violence (GREVIO), the experts highlight a lack of protection for women against violence within Italy.²⁰¹⁴ GREVIO "has urged the Italian authorities to enact more measures to protect women from violence."²⁰¹⁵ However, this has yielded no visible change within the society. The report acknowledges Italy's use of the "Istanbul Convention," but raises a number of concerns with any actuality of changes.

Italy has attempted to redistribute the burden of unpaid care work through some measures but has not undertaken any other efforts to reduce or recognize the gender gap in unpaid care work.

Thus, Italy receives a score of 0.

Analyst: Evangeline Procopoudis

²⁰¹⁰ Government of Indonesia Commits to End Child Marriage, UNFPA (Jakarta) 5 February 2020. Access Date: 8 February 2020. <https://indonesia.unfpa.org/en/news/government-indonesia-commits-end-child-marriage>.

²⁰¹¹ Government of Indonesia Commits to End Child Marriage, UNFPA (Jakarta) 5 February 2020. Access Date: 8 February 2020. <https://indonesia.unfpa.org/en/news/government-indonesia-commits-end-child-marriage>.

²⁰¹² Italy aims to boost quotas for women on corporate boards, Reuters (Milan) 16 December 2019. Access Date: 8 February 2020. <https://www.reuters.com/article/italy-women/italy-aims-to-boost-quotas-for-women-on-corporate-boards-idUSL8N28Q49S>.

²⁰¹³ Italy aims to boost quotas for women on corporate boards, Reuters (Milan) 16 December 2019. Access Date: 8 February 2020. <https://www.reuters.com/article/italy-women/italy-aims-to-boost-quotas-for-women-on-corporate-boards-idUSL8N28Q49S>.

²⁰¹⁴ Italy: more measures needed to protect women from violence, Council of Europe (Strasbourg) 13 January 2020. Access Date 8 February 2020. <https://www.coe.int/en/web/portal/-/italy-more-measures-needed-to-protect-women-from-violence>.

²⁰¹⁵ Italy: more measures needed to protect women from violence, Council of Europe (Strasbourg) 13 January 2020. Access Date 8 February 2020. <https://www.coe.int/en/web/portal/-/italy-more-measures-needed-to-protect-women-from-violence>.

Japan: 0

Japan has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 15 January 2020, Environment Minister Shinjiro Koizumi announced that he will be taking a two-week paternity leave after his first child is born in order to change the mindsets of working fathers in the country.²⁰¹⁶

On 3 April 2020, the Ministry of Foreign Affairs of Japan hosted the sixth annual World Assembly for Women.²⁰¹⁷ The goal of the conference is to have discussions on various women's issues including women's empowerment.²⁰¹⁸

Japan has partially complied with its commitment by effectively recognizing the gender gap in unpaid care work, but not taking any concrete measures to redistribute or reallocate the burden in terms of time and labour on certain individuals, communities and institutions.

Thus, Japan receives a score of 0.

Analyst: Dania Asahi Ogie

Korea: -1

Korea has not complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 30 June 2019, the Organisation for Economic Co-operation and Development reported that Korea's gender gap in employment rate is smaller among "men and women with less than upper secondary levels."²⁰¹⁹ Also, Korea's female workers remain "consistently under-represented in top positions — [where] they face what is often called the 'glass ceiling.'"²⁰²⁰ Additionally, women tend to hold different types of jobs than their male counterparts.²⁰²¹ For example, women find it difficult "to

²⁰¹⁶ A Japanese Politician Is Taking Paternity Leave. It's a Big Deal, The New York Times (Tokyo) 15 January 2020. Access Date: 8 February 2020. <https://www.nytimes.com/2020/01/15/world/asia/japan-koizumi-paternity-leave.html>.

²⁰¹⁷ Government of Japan hosts the 6th annual World Assembly for Women in Tokyo, the Ministry of Foreign Affairs of Japan (Tokyo) 24 January 2020. Access Date: 31 January 2020. https://www.mofa.go.jp/fp/hr_ha/page22e_000940.html.

²⁰¹⁸ Government of Japan hosts the 6th annual World Assembly for Women in Tokyo, the Ministry of Foreign Affairs of Japan (Tokyo) 24 January 2020. Access Date: 31 January 2020. https://www.mofa.go.jp/fp/hr_ha/page22e_000940.html.

²⁰¹⁹ Gender Differences in Employment, Organization for Economic Co-operation and Development (Paris) 30 June 2019. Access Date: 2 February 2020.

https://www.oecd.org/els/soc/LMF_1_6_Gender_differences_in_employment_outcomes.pdf.

²⁰²⁰ Gender Differences in Employment, Organization for Economic Co-operation and Development (Paris) 30 June 2019. Access Date: 2 February 2020.

https://www.oecd.org/els/soc/LMF_1_6_Gender_differences_in_employment_outcomes.pdf.

²⁰²¹ Gender Differences in Employment, Organization for Economic Co-operation and Development (Paris) 30 June 2019. Access Date: 2 February 2020.

https://www.oecd.org/els/soc/LMF_1_6_Gender_differences_in_employment_outcomes.pdf.

reach managerial positions in Korea, where they make up only around 12-13 per cent of managers.”²⁰²²

In October 2019, a report published by the International Monetary Fund, found that unpaid domestic work accounts for 10 per cent of gross domestic product in Korea.²⁰²³ According to this report, “unpaid work declines with the level of economic development of [the] country and female labour participation rises.”²⁰²⁴ Female labour participation has the potential for reducing unpaid work and boosting Korea’s economy, “as economies get richer, … unpaid work by men increases, allowing for a redistribution of unpaid work by gender and an increase in paid work by women.”²⁰²⁵ The report concludes that “the decline in unpaid work as countries become richer is explained by reductions in domestic chores.”²⁰²⁶

In October 2019, the International Monetary Fund (IMF) published a further report in which it recommends that Korea institute labour market reforms in order to support higher female labour force participation.²⁰²⁷

Korea has not complied with its commitment of addressing the gender gap in unpaid domestic work and has not taken action to increase women’s participation in the labour market in any of the three mentioned areas of recognition, reduction and redistribution.

Thus, Korea has received a score of -1.

Analyst: Miranda Bocci

Mexico: 0

Mexico has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market in the three areas of recognition, reduction and reallocation.

On 13 July 2019, UN Women announced that the “global gathering” for gender equality through Generation Equality Forum initiated by UN Women and co-chaired by France and Mexico with the aid of civil society will take place in Mexico City, Mexico from 7-8 May 2020 and will close in Paris

²⁰²² Gender Differences in Employment, Organization for Economic Co-operation and Development (Paris) 30 June 2019. Access Date: 2 February 2020.
https://www.oecd.org/els/soc/LMF_1_6_Gender_differences_in_employment_outcomes.pdf.

²⁰²³ IMF Working Paper — Reducing and Redistributing Unpaid Work: Stronger Policies to Support Gender Equality, International Monetary Fund (Washington D.C.) October 2019. Access Date: 2 February 2020.
<https://www.imf.org/en/Publications/WP/Issues/2019/10/15/Reducing-and-Redistributing-Unpaid-Work-Stronger-Policies-to-Support-Gender-Equality-48688>.

²⁰²⁴ IMF Working Paper — Reducing and Redistributing Unpaid Work: Stronger Policies to Support Gender Equality, International Monetary Fund (Washington D.C.) October 2019. Access Date: 2 February 2020.
<https://www.imf.org/en/Publications/WP/Issues/2019/10/15/Reducing-and-Redistributing-Unpaid-Work-Stronger-Policies-to-Support-Gender-Equality-48688>.

²⁰²⁵ IMF Working Paper — Reducing and Redistributing Unpaid Work: Stronger Policies to Support Gender Equality, International Monetary Fund (Washington D.C.) October 2019. Access Date: 2 February 2020.
<https://www.imf.org/en/Publications/WP/Issues/2019/10/15/Reducing-and-Redistributing-Unpaid-Work-Stronger-Policies-to-Support-Gender-Equality-48688>.

²⁰²⁶ IMF Working Paper — Reducing and Redistributing Unpaid Work: Stronger Policies to Support Gender Equality, International Monetary Fund (Washington D.C.) October 2019. Access Date: 2 February 2020.
<https://www.imf.org/en/Publications/WP/Issues/2019/10/15/Reducing-and-Redistributing-Unpaid-Work-Stronger-Policies-to-Support-Gender-Equality-48688>.

²⁰²⁷ G-20 Report on Strong, Sustainable, Balanced, and Inclusive Growth, International Monetary Fund (Washington D.C.) October 2019. Access Date: 2 February 2020. <https://www.imf.org/external/np/g20/pdf/2019/101119b.pdf>.

from 7 to 10 July of 2020.²⁰²⁸ The purpose of the Forum is going to be a universal public conversation to call for immediate action on accountability on gender equality as well as to celebrate and empower women.²⁰²⁹

On 9 January 2020, Mexico announced its first Mexico's Feminist Foreign Policy (FFP).²⁰³⁰ This is in line with Mexico's ambitious multilateral policy and reinforces the Mexican government's commitment to the agenda of gender equality and non-discrimination.²⁰³¹ Adding to other international examples, Mexico's FFP will seek to apply its focus on human rights and gender equality across all sectors and all areas of Mexico's foreign policy; to make visible the contribution of women to foreign policy and global actions, and to maintain its consistency and congruence by doing this both within and outside of the Foreign Ministry.²⁰³²

On 15 January 2020, in a news article by Devex, it was stated that the Feminist Foreign Policy strategy will be implemented over the 2020-2024 period and has five principles: a foreign policy with a gender perspective and feminist agenda abroad; a foreign ministry with gender parity; a foreign ministry that is free of violence and safe for all; visible equality of women in the foreign ministry; and feminism within all areas of the foreign ministry.²⁰³³

On 14 January 2020, in an article in Foreign Policy, Lyric Thompson wrote that Mexico created a working definition of Feminism for government policy that "prioritizes gender equality and enshrines the human rights of women and other traditionally marginalized groups, allocates significant resources to achieve that vision and seeks through its implementation to disrupt patriarchal and male-dominated power structures across all of its levers of influence (aid, trade, defense and diplomacy), informed by the voices of feminist activists, groups and movements."²⁰³⁴

Mexico has recognized and drew attention to the gender gap. However, Mexico remains the same in other aspects and did not take concrete action for paternity or maternity leave, reducing violence against women, and it did not engage with the private sector to promote women's economic empowerment. It has not implemented policies that would redistribute the burden of unpaid care work such as flexible working arrangements, provision of parental leave, provision of affordable childcare and social security.

Thus, Mexico receives a score of 0.

Analyst: Aleena Ahmed

²⁰²⁸The Generation Equality Forum — Save The Date! UN Women (Geneva) 23 July 2019. Access Date: 8 February 2020. <https://www.unwomen.org/en/news/stories/2019/7/announcer-generation-equality-forum>.

²⁰²⁹ The Generation Equality Forum — Save The Date! UN Women (Geneva) 23 July 2019. Access Date: 8 February 2020. <https://www.unwomen.org/en/news/stories/2019/7/announcer-generation-equality-forum>.

²⁰³⁰ Mexico Adopts Feminist Foreign Policy, Gobierno de México (Mexico City) 9 January 2020. Access Date: 28 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>.

²⁰³¹ Mexico Adopts Feminist Foreign Policy, Gobierno de México (Mexico City) 9 January 2020. Access Date: 28 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>.

²⁰³² Mexico Adopts Feminist Foreign Policy, Gobierno de México (Mexico) 9 January 2020. Access Date: 28 March 2020. <https://www.gob.mx/sre/prensa/mexico-adopts-feminist-foreign-policy?idiom=en>.

²⁰³³ Mexico releases Latin America's first feminist foreign policy, Devex (Washington D.C.) 15 January 2020. Access Date: 28 March 2020. <https://www.devex.com/news/mexico-releases-latin-america-s-first-feminist-foreign-policy-96363>.

²⁰³⁴ Mexican Diplomacy has gone feminist, Lyric Thompson, Foreign Policy (Washington D.C.) 14 January 2020. Access Date: 27 March 2020. <https://foreignpolicy.com/2020/01/14/mexican-diplomacy-feminist-foreign-policy/>.

Russia: 0

Russia has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in the three areas of recognition, reduction and reallocation.

On 18 July 2019, the Ministry of Labor and Social Protection of the Russian Federation issued an order shortening the list of professions in which women's employment is restricted, including employment in certain occupations in the chemical industry, metallurgy, oil production, coal mining, manufacturing of insulation, and some others owing to the harmful effects of certain compounds on women's reproductive health.²⁰³⁵ The goal is to increase women's participation in more forms of industry, reflecting technological advancements have allowed women to work in the professions previously deemed dangerous.²⁰³⁶

On 16 December 2019, the World Economic Forum released its annual Global Gender Gap Index ranking, tracking the equality of men and women in 153 countries in four categories: economic participation and opportunity, educational attainment, health and survival and political empowerment. Russia fell six spots on the index, from 75th last year to 81st this year, placing between El Salvador and Ethiopia.²⁰³⁷

Russia has partially complied with its commitment to by taking steps to effectively recognize the gender gap in unpaid care work, but not taking any concrete measures to reduce or reallocate the burden in terms of time and labour on certain individuals, communities and institutions.

Thus, Russia receives a score of 0.

Analyst: Derron Yu

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 1 August 2019, the Saudi Council of Ministers led by King Salman bin Abdulaziz Al Saud adopted amendments to the Labor Law, clearly stating that an employee can be either a male or female.²⁰³⁸ In addition, to prohibiting employers from dismissing females or threatening them with job release during periods of maternity or pregnancy leaves and periods of illness resulting from childbirth or pregnancy.²⁰³⁹ The new amendments also included protection against discrimination in

²⁰³⁵ Russian Federation: Government Shortens List of Professions in Which Women's Employment Is Restricted, Library of Congress (Washington D.C.) 7 October 2019. Access Date: 8 February 2020. <http://www.loc.gov/law/foreign-news/article/russian-federation-government-shortens-list-of-professions-in-which-womens-employment-is-restricted/>.

²⁰³⁶ Russian Federation: Government Shortens List of Professions in Which Women's Employment Is Restricted, Library of Congress (Washington D.C.) 7 October 2019. Access Date: 8 February 2020. <http://www.loc.gov/law/foreign-news/article/russian-federation-government-shortens-list-of-professions-in-which-womens-employment-is-restricted/>.

²⁰³⁷ Russia's Gender Equality Rating Drops — WEF Report, The Moscow Times (Moscow) 17 December 2019. Access Date: 8 February 2020. <https://www.themoscowtimes.com/2019/12/17/russias-gender-equality-rating-drops-wef-report-a68643>.

²⁰³⁸ The Council of Minister decides to approve amendments to the travel and civil status documents system, work and social security system, Um Al Qura Newspaper (Riyadh) 1 August 2019. Access Date: 27 February 2020. <https://www.uqn.gov.sa/articles/1564686389678699500>.

²⁰³⁹ The Council of Minister decides to approve amendments to the travel and civil status documents system, work and social security system, Um Al Qura Newspaper (Riyadh) 1 August 2019. Access Date: 27 February 2020. <https://www.uqn.gov.sa/articles/1564686389678699500>.

employment, preventing employers from asking female employees to obtain approval from their male guardian before they are able to be employed.²⁰⁴⁰ As stated in the amended articles of the law “citizens are equal with respect to the right to work without any discrimination on the basis of sex, disability, age, or any other form of discrimination.”²⁰⁴¹

On 3 October 2019, Minister of Labor and Social Development Ahmed Al-Rajhi passed a set of regulations that intends to protect employers including women from harassment in their workplace environment.²⁰⁴² As stated by Khalid Abal-Khail, spokesman of the Ministry of Labor and Social Development “the minister’s decision aims to eliminate all forms of harassment and protect individuals from words, acts, implicit behaviour or innuendo of a sexual nature by one individual against another targeting that individual’s body, modesty or personal life.”²⁰⁴³

On 12 December 2019, the Saudi government-owned Human Resources Development Fund (Hadaf) signed an agreement with Careem car-hire service company to increase the number of female employees benefiting from the “Wusool” transportation programme and to expand the program’s coverage to new regions and provinces in the Kingdom.²⁰⁴⁴ Wusool programme covers up to 80 per cent of the costs of transporting working women to and from their workplace with the aim of empowering women, supporting their job stability, and increasing their participation in the labour market, through reducing the burden of transportation costs for Saudi women working in the private sector.²⁰⁴⁵

On 6 January 2020, Hadaf announced an amendment to the entry requirements and support mechanism in the “Qurrah” program which aims to contribute to women’s empowerment and stability in the labour market, through providing daycare and nurseries for children of female employees in different provinces of the Kingdom.²⁰⁴⁶ Under the new amendment, the support children will cover up to two children until the age of six years old, instead of the age of four. The fund will conduct a partial contribution to the costs of the daycare per child as follows: SAR800 for the first year, SAR600 during the second year, SAR500 and SAR400 for the third and fourth years respectively.²⁰⁴⁷ The Qurrah program aims to promote the percentage of Saudi females working in the private sector and contribute to the stability of Saudi women in their workplace.

²⁰⁴⁰ The Council of Minister decides to approve amendments to the travel and civil status documents system, work and social security system, Um Al Qura Newspaper (Riyadh) 1 August 2019. Access Date: 27 February 2020. <https://www.uqn.gov.sa/articles/1564686389678699500/>.

²⁰⁴¹ The Council of Minister decides to approve amendments to the travel and civil status documents system, work and social security system, Um Al Qura Newspaper (Riyadh) 1 August 2019. Access Date: 27 February 2020. <https://www.uqn.gov.sa/articles/1564686389678699500/>.

²⁰⁴² Workplace anti-harassment rules to be in force from Oct. 20, Saudi Gazette (Riyadh) 3 October 2019. Access Date: 31 January 2020. <http://www.saudigazette.com.sa/article/578936/SAUDI-ARABIA/Workplace-anti-harassment-rules-to-be-in-force-from-Oct-20>.

²⁰⁴³ Workplace anti-harassment rules to be in force from Oct. 20, Saudi Gazette (Riyadh) 3 October 2019. Access Date: 31 January 2020. <http://www.saudigazette.com.sa/article/578936/SAUDI-ARABIA/Workplace-anti-harassment-rules-to-be-in-force-from-Oct-20>.

²⁰⁴⁴ Hadaf agrees with Careem on increasing the number of beneficiaries of the Wusool programme, Sabq online newspaper (Riyadh) 12 December 2019. Access Date: 25 January 2020. <https://mobile.sabq.org/LP73HS>.

²⁰⁴⁵ Hadaf agrees with Careem on increasing the number of beneficiaries of the Wusool programme, Sabq online newspaper (Riyadh) 12 December 2019. Access Date: 25 January 2020. <https://mobile.sabq.org/LP73HS>.

²⁰⁴⁶ Government program supports child care costs for 2,514 Saudi female employees in the private sector, Saudi Press Agency (Riyadh) 6 January 2020. Access Date: 26 January 2020. <https://www.spa.gov.sa/2019589>.

²⁰⁴⁷ Government program supports child care costs for 2,514 Saudi female employees in the private sector, Saudi Press Agency (Riyadh) 6 January 2020. Access Date: 26 January 2020. <https://www.spa.gov.sa/2019589>.

On 24 January 2020, the Saudi Minister of Civil Service Sulaiman Al Hamdan announced that his Ministry achieved the 2020 target of reducing the gender gap between men and women in service jobs to 37 per cent.²⁰⁴⁸ Al Hamdan also confirmed that “the creation of the Women’s Empowerment Agency, the appointment of the first female undersecretary in the Ministry of Civil Service, and the appointment of female directors at the ministry’s branches in the provinces of Assir, Jazan and Qassim for the first time in the history of the Ministry.”²⁰⁴⁹

On 8 March 2020, Minister of Communications and Information Technology Abdullah Bin Amer Al-Swaha launched the Women Empowerment Program, which aims to promote women’s participation in the workforce, through increasing remarketing job opportunities for females and establishing a digital system that develops and attracts employees skills to perform digital transformation.²⁰⁵⁰ The program includes the enhancing of females digital skills, awareness level, entrepreneurship and innovation.²⁰⁵¹ In addition to promoting the employment of Saudi females in the sector, and empowering them in positions of leadership, through conducting employment programs.²⁰⁵²

Saudi Arabia has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, Saudi Arabia has received a score of +1.

Analyst: Omar Abdellatif

South Africa: 0

South Africa has partially complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women’s participation in the labour market in the three areas of recognition, reduction and reallocation.

On 1 August 2019, Minister Maite Nkoana-Mashabane announced the inaugural Women’s Month Program to reflect on South Africa’s “success in achieving gender equality and mainstreaming the gender agenda across all sectors,” including entrepreneurship and gender roles.²⁰⁵³ Minister Maite also strongly encouraged the businesses to highlight gender inequalities to ensure that discrimination within the workplace could be eradicated.²⁰⁵⁴

²⁰⁴⁸ Minister of Civil Service: Employing citizens by contracting system, Okaz Newspaper (Riyadh) 24 January 2020. Access Date: 30 January 2020. <https://www.okaz.com.sa/news/local/2006927>.

²⁰⁴⁹ Minister of Civil Service: Employing citizens by contracting system, Okaz Newspaper (Riyadh) 24 January 2020. Access Date: 30 January 2020. <https://www.okaz.com.sa/news/local/2006927>.

²⁰⁵⁰ Women’s important role in development stressed, Saudi Gazette (Riyadh) 10 March 2020. Access Date: 17 March 2020. <http://saudigazette.com.sa/article/590672/SAUDI-ARABIA/Womens-important-role-in-development-stressed>.

²⁰⁵¹ Women’s important role in development stressed, Saudi Gazette (Riyadh) 10 March 2020. Access Date: 17 March 2020. <http://saudigazette.com.sa/article/590672/SAUDI-ARABIA/Womens-important-role-in-development-stressed>.

²⁰⁵² Women’s important role in development stressed, Saudi Gazette (Riyadh) 10 March 2020. Access Date: 17 March 2020. <http://saudigazette.com.sa/article/590672/SAUDI-ARABIA/Womens-important-role-in-development-stressed>.

²⁰⁵³ Minister Maite Nkoana-Mashabane launches Women’s Month, South African Government (Cape Town) 1 August 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/department-women-youth-and-persons-disabilities-launches-women-s-month-1-aug-2019-0000>.

²⁰⁵⁴ Minister Maite Nkoana-Mashabane launches Women’s Month, South African Government (Cape Town) 1 August 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/department-women-youth-and-persons-disabilities-launches-women-s-month-1-aug-2019-0000>.

On 7 August 2019, the Chair of South Africa’s Multi-Party Women’s Caucus (MPWC) appealed to all ministries to create gender responsive and inclusive budgets to take account the needs of women within the society.²⁰⁵⁵

On 19 September 2019, the Commission for Employment Equity (CEE) condemned workplace violence and harassment, citing it as a “human rights violation...[and] a threat to equal opportunities.”²⁰⁵⁶ The CEE also cites the work of the International Labour Organization (ILO) in their adoption of the ILO Violence and Harassment Convention.²⁰⁵⁷ The CEE is in the process of creating a “Code of Good Practice,” to eliminate workplace violence and harassment for all workers in South Africa.²⁰⁵⁸

On 27 September 2019, South African public servants marched to fight gender-based violence and femicide — to bring together all parts of South African society to stop the violence and killing of women and children.²⁰⁵⁹ This march highlights the dedication of South African public servants to the cause of fighting violence against women and children in the face of inequality.²⁰⁶⁰

On 9 December 2019, the Gauteng Provincial Legislature’s Portfolio Committee on Community Safety “commended the ... community’s for successful convictions made in ... cases of gender-based violence.”²⁰⁶¹ The commendation highlights six successful conviction cases bringing justice to those affected by gender-based violence within the community, demonstrating a step towards equality.²⁰⁶²

South Africa has succeeded in recognizing the gender gap in unpaid care work but has not reduced or redistributed the burden of unpaid care work across individuals, communities and institutions.

Thus, South Africa receives a score of 0.

Analyst: Evangeline Procopoudis

²⁰⁵⁵ Parliament on gender-responsive planning and budgeting framework, South African Government (Cape Town) 7 August 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/gender-responsive-7-aug-2019-0000>.

²⁰⁵⁶ Employment and Labour on eliminating violence and harassment in the workplace, South African Government (Cape Town) 19 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/elimination-and-prevention-violence-19-sep-2019-0000>.

²⁰⁵⁷ Employment and Labour on eliminating violence and harassment in the workplace, South African Government (Cape Town) 19 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/elimination-and-prevention-violence-19-sep-2019-0000>.

²⁰⁵⁸ Employment and Labour on eliminating violence and harassment in the workplace, South African Government (Cape Town) 19 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/elimination-and-prevention-violence-19-sep-2019-0000>.

²⁰⁵⁹ Communications on arrangements for public service march against gender-based violence and femicide, South African Government (Cape Town) 26 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/government-communications-arrangements-public-service-march-against-gender-based-violence>.

²⁰⁶⁰ Communications on arrangements for public service march against gender-based violence and femicide, South African Government (Cape Town) 26 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/government-communications-arrangements-public-service-march-against-gender-based-violence>.

²⁰⁶¹ Gauteng Legislature on cases of gender-based violence, South African Government (Cape Town) 6 December 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/committee-commends-department's-strides-fighting-gbv-6-dec-2019-0000>.

²⁰⁶² Gauteng Legislature on cases of gender-based violence, South African Government (Cape Town) 6 December 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/committee-commends-department's-strides-fighting-gbv-6-dec-2019-0000>.

Turkey: +1

Turkey has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

In July 2019, the government of Turkey presented its second Voluntary National Review.²⁰⁶³ The report provides a review of Turkey's progress towards Sustainable Development Goals and the integration of Sustainable Development Goals (SDG) into a national agenda.²⁰⁶⁴ The following policies will be implemented in the upcoming years to achieve SDG 5.²⁰⁶⁵ They include mainstreaming the principle of equal opportunities for women and men into the in-service training programs of public institutions and organizations, structuring the budgets of all institutions and organisations in a way that they will support equal opportunities for women and men, mainstreaming activities and studies for raising awareness to prevent all forms of violence against women, revising the current legislation for women and girls in the context of prevention of early and forced marriages, generating detailed data on early and forced marriages at regional and local levels, mainstreaming and increasing the efficiency of activities conducted to facilitate equal participation of women in politics and decision-making processes and ensuring that women may benefit from the opportunities and rights on an equal basis and stepping up work to strengthen women's cooperatives.²⁰⁶⁶

In September 2019, the Ministry of Family, Labour and Social Services has set goals in the women's section of the 11th Development Plan (2019-2023).²⁰⁶⁷ The main objective is to prevent all kinds of discrimination against women and to ensure that women benefit and strengthen equal rights and opportunities in all spheres of social life.²⁰⁶⁸ Turkey aims to strengthen the economic status of women and aim to reach these targets by the end of 2023, the female labour force participation rate will be 38.5 per cent, the female employment rate will be 34 per cent, the ratio of women among self-employed will be 20 per cent and the proportion of women in employers will be 10 per cent.²⁰⁶⁹

In September 2019, during the 2019 Annual Presidential Program, the Ministry of Family, Labour and social services efforts are underway to expand the areas of economic, social and cultural activities in order to strengthen the social position of women in Turkey and for them to benefit from equal opportunities, to ensure greater participation in the development process, business life and decision-

²⁰⁶³ Strong Ground towards common goals — Turkey presents its second VNR report in New York, United Nations Development Program (New York) 15 July 2019. Access Date: 27 March 2020.

<https://www.tr.undp.org/content/turkey/en/home/presscenter/articles/2019/07/tuerkiye--kueresel-hedefler-yolundaki-ilерlemesini--oezetleyen-ra.html>.

²⁰⁶⁴ Strong Ground towards common goals — Turkey presents its second VNR report in New York, United Nations Development Program (New York) 15 July 2019. Access Date: 27 March 2020.

<https://www.tr.undp.org/content/turkey/en/home/presscenter/articles/2019/07/tuerkiye--kueresel-hedefler-yolundaki-ilерlemesini--oezetleyen-ra.html>.

²⁰⁶⁵ Tukey Sustainable Development Goals 2nd VNR 2019, Strong Ground towards Common Goals, United Nations (New York) July 2019. Access Date; 27 March 2020.

https://sustainabledevelopment.un.org/content/documents/23862Turkey_VNR_110719.pdf.

²⁰⁶⁶ Tukey Sustainable Development Goals 2nd VNR 2019, Strong Ground towards Common Goals, United Nations (New York) July 2019. Access Date: 27 March 2020.

https://sustainabledevelopment.un.org/content/documents/23862Turkey_VNR_110719.pdf.

²⁰⁶⁷ Women in Turkey, Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁶⁸ Women in Turkey, Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁶⁹ Women in Turkey, Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

making mechanisms and to prevent violence against women.²⁰⁷⁰ Additionally, the ministry includes the following measures; in order to increase female employment in the labor market, women's opportunities for vocational training and skill development will be strengthened, especially in the areas of technology production such as coding and software.²⁰⁷¹ To increase women's participation in the labor force and employment, practices that link work and family life will be implemented in order to facilitate access to care services.²⁰⁷² The ministry aspire for the, "active participation of women in economic, social, cultural life and all levels of decision-making mechanisms in a way to strengthen equality of opportunity between men and women in the field of rights will be encouraged, especially starting from the local."²⁰⁷³ To do so, the policy includes following measures: researches will be carried out to strengthen women's economic and social life, projects will be conducted, trainings will be organized.²⁰⁷⁴ In order to improve women's economic activities, women entrepreneurs will be provided with consultancy and guidance services in business development processes and women will be given priority in support in this field.²⁰⁷⁵ Mechanisms aiming to improve the economic activities of women in digital environments such as websites, portals and applications will be established and training programs and seminars will be organized to ensure the empowerment of women entrepreneurs in e-commerce.²⁰⁷⁶ Support mechanisms for increasing women entrepreneurship in rural areas will be provided.²⁰⁷⁷

In September 2019, the issue of combating violence against women is included.²⁰⁷⁸ In the 11th Development Plan covering the years 2019-2023, the policies above are in place to organize education to eliminate negative attitudes and that reinforce domestic violence and to increase the capacity of preventive and preventive services in order to prevent forced marriages.²⁰⁷⁹

In September 2019, the Ministry of Family, Labour and Social Services provided 7,739 of women staying at women's shelters with awareness training; 745 of them were provided with literacy courses, and 8,258 participated in social, artistic and sporting activities.²⁰⁸⁰ The Social Assistance and Solidarity Foundation, with the help of municipalities and foundations, provided economic support to 2,280 women.²⁰⁸¹ As of September 2019, 5,042 women residing in women's shelters benefited from

²⁰⁷⁰ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷¹ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷² Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷³ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁴ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁵ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁶ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁷ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁸ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁷⁹ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁸⁰ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁸¹ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

vocational courses and 915 women were employed, 4,489 children who stayed with their mothers in women's shelters benefited from nurseries and children's clubs and legal support was provided to 3,728 women receiving service from a women's shelter.²⁰⁸²

As of September 2019, Law No. 5510 on Social Security and General Health Insurance will regulate "maternal status" and "maternal insurance."²⁰⁸³ Furthermore, "the Regulation on the Employment Conditions of Female Employees in Night Shifts" adopted with regard to the Law No. 6331 on Occupational Health and Safety regulates the conditions of female employees in the night shifts who are in pregnancy or maternity.²⁰⁸⁴

Turkey has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, Turkey receives a score of +1.

Analyst: Aleena Ahmed

United Kingdom: +1

The United Kingdom has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 3 July 2019, Minister for Women and Equalities Penny Mordaunt announced the launch of the gender equality roadmap for change, which aims to financially empower women from elementary to retirement age.²⁰⁸⁵ The new initiative intends to re-evaluate the enforcement of equal pay legislation.²⁰⁸⁶ In addition to ensuring women are safe in the workplace and are protected from sexual harassment through launching a consultation to ensure legislation is up to scratch laws on third party harassment are clarified and strengthened.²⁰⁸⁷

On 22 July 2019, Business Minister Kelly Tolhurst announced that new mothers and pregnant employed women will be eligible to receive legal protection against redundancy for a period up to two years, with an additional extension of six months upon their return to work.²⁰⁸⁸ The new

²⁰⁸² Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁸³ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁸⁴ Women in Turkey. Ministry of family, Labour and Social Services, Government of Turkey (Ankara) September 2019. Access Date: 28 March 2020 <https://ailevecalisma.gov.tr/media/17801/women-in-turkey-eyluel2019sonu.pdf>.

²⁰⁸⁵ Penny Mordaunt sets out plan to empower UK women, Gov.UK (London) 3 July 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/penny-mordaunt-sets-out-plan-to-empower-uk-women>.

²⁰⁸⁶ Penny Mordaunt sets out plan to empower UK women, Gov.UK (London) 3 July 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/penny-mordaunt-sets-out-plan-to-empower-uk-women>.

²⁰⁸⁷ Penny Mordaunt sets out plan to empower UK women, Gov.UK (London) 3 July 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/penny-mordaunt-sets-out-plan-to-empower-uk-women>.

²⁰⁸⁸ Pregnant women and new parents to get enhanced redundancy protections, Gov.UK (London) 22 July 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/pregnant-women-and-new-parents-to-get-enhanced-redundancy-protections>.

initiative will also cover employees who are on adoption or shared parental leave. Which will ensure that new parents including mothers are in working environments that are free of discrimination.²⁰⁸⁹

On 2 September 2019, Secretary of State for Work and Pensions Amber Rudd announced the launch of a new online job search scheme that intends to support parents in creating a balance between work and their parentage duties.²⁰⁹⁰ Rudd stated that the new initiative will make it easier for parents to find work.²⁰⁹¹ Using technology, the new website will include more than 50,000 job adverts with flexible job schedules.²⁰⁹²

On 16 January 2020, the UK government announced a GBP3.5 million aid to support female entrepreneurs in Africa, assisting them with overcoming barriers to starting businesses and promoting their connection with international markets.²⁰⁹³ The British initiative and through joint cooperation with the Governments of Kenya, Nigeria and Ghana, intends to offer 3,000 more job opportunities for African females and aims to reduce inequality in the workplace.²⁰⁹⁴

The United Kingdom has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, The United Kingdom has received a score of +1.

Analyst: Omar Abdellatif

United States: +1

The United States of America has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market in all the three areas of recognition, reduction and reallocation.

On 30 July 2019, the House of Representatives presented a "Safe from the Start Act of 2019" bill in the First Session of the 116th Congress.²⁰⁹⁵ This act aims to improve the United States consideration of, and strategic support for, programs to prevent and respond to gender-based violence from the onset of humanitarian emergencies.²⁰⁹⁶

²⁰⁸⁹ Pregnant women and new parents to get enhanced redundancy protections, Gov.UK (London) 22 July 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/pregnant-women-and-new-parents-to-get-enhanced-redundancy-protections>.

²⁰⁹⁰ New flexi job search that's not just for mums, Gov.UK (London) 1 September 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/new-flexi-job-search-that-s-not-just-for-mums>.

²⁰⁹¹ New flexi job search that's not just for mums, Gov.UK (London) 1 September 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/new-flexi-job-search-that-s-not-just-for-mums>.

²⁰⁹² New flexi job search that's not just for mums, Gov.UK (London) 1 September 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/new-flexi-job-search-that-s-not-just-for-mums>.

²⁰⁹³ UK aid boosts support for African women entrepreneurs to expand businesses into global markets, Gov.UK (London) 16 January 2020. Access Date: 12 March 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>.

²⁰⁹⁴ UK aid boosts support for African women entrepreneurs to expand businesses into global markets, Gov.UK (London) 16 January 2020. Access Date: 12 March 2020. <https://www.gov.uk/government/news/uk-aid-boosts-support-for-african-women-entrepreneurs-to-expand-businesses-into-global-markets>.

²⁰⁹⁵ H.R.4092 — Safe from the Start Act of 2019, US Congress (Washington D.C.) 7 July 2019. Access Date: 8 February 2020. <https://www.congress.gov/bill/116th-congress/house-bill/4092/text>.

²⁰⁹⁶ H.R.4092 — Safe from the Start Act of 2019, US Congress (Washington D.C.) 7 July 2019. Access Date: 8 February 2020. <https://www.congress.gov/bill/116th-congress/house-bill/4092/text>.

On 18 September 2019, U.S. Consul General Claire Pierangelo launched the Academy for Women Entrepreneurs, a State Department-led initiative.²⁰⁹⁷ The program's selected participants receive lessons on business management, network with like-minded entrepreneurs and mentors, and learn the practical skills required to create successful and sustainable businesses. This initiative aims to support women entrepreneurs around the world and increase entrepreneurship skills for women.²⁰⁹⁸

On 28 August 2019, the Department of Labor awarded approximately USD1.5 million in grant funding to organizations in Illinois, Virginia, and Wisconsin to help recruit, train, and retain more women in quality pre-apprenticeship and apprenticeship programs.²⁰⁹⁹ The grants serve to help increase women's participation in traditionally male-dominated industries such as manufacturing, infrastructure, and cybersecurity.²¹⁰⁰

The United States has fully complied with its commitment to address the gender gap in unpaid care work which remains a major obstacle to women's participation in the labour market by effectively recognizing, reducing and reallocating the burden of unpaid care work in terms of time and labour resources across individuals, communities and institutions.

Thus, the United States receives a score of +1.

Analyst: Derron Yu

European Union: +1

The European Union has fully complied with its commitment to address the gender gap in unpaid care work and to take action to increase women's participation in the labour market.

On 1 August 2019, the Work-Life Balance Directive for Working Parents and Carers came into effect.²¹⁰¹ This will encourage an improved and supportive work-life balance for both parents and carers; facilitate better sharing strategies on parental leave; and will target the lack of women within the labour market.²¹⁰² The intention of the Work-Life Balance Directive for Working Parents and Carers is to grant parents and carers flexible working-hours to better facilitate women's presence within the labour market and women's economic independence.²¹⁰³

²⁰⁹⁷U.S. Consulate Launches Academy for Women Entrepreneurs, US Embassy & Consulate in Nigeria (Lagos) 18 September 2019. Access Date: 8 February 2020. <https://ng.usembassy.gov/u-s-consulate-launches-academy-for-women-entrepreneurs/>.

²⁰⁹⁸U.S. Consulate Launches Academy for Women Entrepreneurs, US Embassy & Consulate in Nigeria (Lagos) 18 September 2019. Access Date: 8 February 2020. <https://ng.usembassy.gov/u-s-consulate-launches-academy-for-women-entrepreneurs/>.

²⁰⁹⁹ U.S Department of Labor Awards Nearly \$1.5 Million to Increase Apprenticeship Participation, Expand Job Opportunities for American Woman, U.S. Department of Labour (Washington D.C.) 28 August 2019. Access Date: 8 February 2020. <https://www.dol.gov/newsroom/releases/wb/wb20190828>.

²¹⁰⁰ U.S Department of Labor Awards Nearly \$1.5 Million to Increase Apprenticeship Participation, Expand Job Opportunities for American Woman U.S. Department of Labour (Washington D.C.) 28 August 2019. Access Date: 8 February 2020. <https://www.dol.gov/newsroom/releases/wb/wb20190828>.

²¹⁰¹ EU Work-life Balance Directive enters into force, European Commission (Brussels) 22 August 2019. Access Date: 26 August 2020. <https://ec.europa.eu/social/main.jsp?catId=89&furtherNews=yes&langId=en&newsId=9438>.

²¹⁰² EU Work-life Balance Directive enters into force, European Commission (Brussels) 22 August 2019. Access Date: 26 August 2020. <https://ec.europa.eu/social/main.jsp?catId=89&furtherNews=yes&langId=en&newsId=9438>.

²¹⁰³ EU Work-life Balance Directive enters into force, European Commission (Brussels) 22 August 2019. Access Date: 26 August 2020. <https://ec.europa.eu/social/main.jsp?catId=89&furtherNews=yes&langId=en&newsId=9438>.

In June 2019, a European Commission report suggested that the government increase the labour force participation of women to levels closer or equal to those of men, and that it provides quality childcare to support mothers' transition into the workforce.²¹⁰⁴

On 14 January 2020 the European Commission stated it would propose in early 2020 a new European Gender Equality Strategy to "close the gender pay gap, including through binding pay transparency measures."²¹⁰⁵ It also seeks to advance the pension gap, to promote women's access to labour markets, and to increase the number of women in senior positions in businesses and organizations. It does not specify if it addresses unpaid care work.

On 5 March 2020 the EC released its Union of Equality: Gender Equality Strategy 2020-2025.²¹⁰⁶ It states that "eliminating the gender pay gap requires addressing all of its root causes, including women's lower participation in the labour market, invisible and unpaid work." It further acknowledges that "women also carry a disproportionate burden of unpaid work, which constitutes a significant share of economic activity." From this, the Strategy includes an EC proposal for a Child Guarantee to reduce barriers to access of necessary services for child well-being and development, and to address poverty and inequality. It calls on EU member states to "ensure adequate investments in early childhood education, care services and long-term care services." At the end of 2020, the EC will launch a consultation process for a Green Paper on Ageing. In all the Strategy address unpaid care work, education, childcare, social care, household care, inequality, ageing, gender parity in business and government, health, intersectionality and more.

The European Union has partially complied with its commitment of addressing the gender gap in unpaid care work. Through the Work-Life Balance Directive for Working Parents and Carers, the EU has implemented policies to facilitate a "family-friendly" workplace, and has taken action to address the gender pay gap in terms of unpaid work by improving public services.

Thus, the European Union has received a score of +1.

Analyst: Miranda Bocci

²¹⁰⁴ Employment and Social Developments in Europe, Development Aid (Nicosia) June 2019. Access Date: 7 February 2020. <https://www.developmentaid.org/api/frontend/cms/uploadedImages/2019/07/KE-BD-19-001-EN-N.pdf>.

²¹⁰⁵ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions: A Strong Social Europe for Just Transitions, European Commission, 14 January 2020. Access Date: 25 September 2020. https://ec.europa.eu/commission/presscorner/api/files/attachment/860460/Strong_Social_Europe_Communication_and_Annex.pdf.pdf.

²¹⁰⁶ A Union of Equality: Gender Equality Strategy 2020-2025, European Commission, 5 March 2020. Access Date: 25 September 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A52020DC0152>.

13. Development: Energy

“[We support developing countries in their efforts to advance progress towards the timely implementation of the SDGs (Sustainable Development Goals) in such areas as] ... energy ... [using all means of implementation, such as the mobilization of private sector resources and capacity building assistance.]”

G20 Osaka Leaders' Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil			+1
Canada			+1
China			+1
France	-1		
Germany			+1
India		0	
Indonesia		0	
Italy	-1		
Japan			+1
Korea		0	
Mexico			+1
Russia			+1
Saudi Arabia		0	
South Africa		0	
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average		+0.50 (75%)	

Background

G20 leaders made their first commitment to develop energy efficiency and clean energy technologies at the 2009 London Summit.²¹⁰⁷ Since then, energy has been a constant element of every subsequent summit agenda. At the 2009 Pittsburgh Summit, G20 leaders reiterated their commitment to stimulate investment in clean energy, renewables, and energy efficiency, as well as to provide financial and technical support for such projects in developing countries.²¹⁰⁸ This commitment was reiterated at the 2010 Seoul Summit.²¹⁰⁹ At the 2011 Cannes Summit, G20 leaders developed the commitment

²¹⁰⁷ G20 Action Plan for Recovery and Reform (London), G20 information Centre (Toronto) 2 April 2009. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

²¹⁰⁸ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2009/2009communique0925.html>

²¹⁰⁹ G20 Seoul Summit Leaders' Declaration, G20 Information Centre (Toronto) 12 November 2010. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2010/g20seoul.html>

further by referencing the United Nations Secretary General's Sustainable Energy for All Initiative.²¹¹⁰

At the 2013 St. Petersburg Summit, G20 leaders again reaffirmed their commitment to cleaner and more efficient technologies, but also highlighted the importance of enhancing the efficiency of markets and shifting towards a more sustainable energy future.²¹¹¹ In Brisbane in 2014, G20 leaders adopted the Action Plan for Voluntary Collaboration on Energy Efficiency, which addressed related issues including “vehicles performance, networked devices; buildings; industrial processes; and electricity generation; as well as work on financing for energy efficiency.”²¹¹² At the 2015 Antalya Summit, the G20 committed to increase investments in clean energy technologies and support research in this field.²¹¹³ In 2016, G20 leaders at Hangzhou adopted the Action Plan on the 2030 Agenda for Sustainable Development, which expressed their “vision of a world of sustainable energy for all” and pledged to ensure universal access to affordable, reliable, sustainable, and modern energy services while promoting “investment in innovative energy technologies including clean energy technologies.”²¹¹⁴

With the adoption of the 2030 Agenda for Sustainable Development and the corresponding Sustainable Development Goals (SDGs) in 2015, the G20 shifted its focus of its energy and climate agendas towards the new sustainable development framework. In regards to energy the 2030 Agenda puts forward the SDG 7 to “ensure access to affordable, reliable, sustainable and modern energy.” SDG 7 contains five targets:

- 7.1 By 2030, ensure universal access to affordable, reliable and modern energy services
- 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix
- 7.3 By 2030, double the global rate of improvement in energy efficiency
- 7.A By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology
- 7.B By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support.²¹¹⁵

²¹¹⁰ Cannes Final Declaration, G20 Information Centre (Toronto), 4 November 2011. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

²¹¹¹ G20 Leaders' Declaration St. Petersburg, G20 Information Centre (Toronto), 6 September 2013. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

²¹¹² G20 Leaders' Communiqué Brisbane, G20 Information Centre (Toronto) 16 November 2014. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

²¹¹³ G20 Leaders' Communiqué Antalya, G20 Information Centre (Toronto) 20 November 2015. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

²¹¹⁴ G20 Leaders' Communiqué Hangzhou, G20 Information Centre (Toronto) 5 September 2016. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

²¹¹⁵ Ensure access to affordable, reliable, sustainable and modern energy, United Nations. Access Date: 4 April 2020. <https://www.un.org/sustainabledevelopment/energy/>

The United Nations 2030 Agenda for Sustainable Development affirms the principle of common but differentiated responsibilities.²¹¹⁶ Thus, although all countries are united in the common pursuit of sustainable growth, their relative capabilities should also be taken into account.

Commitment Features

This commitment requires G20 members to provide assistance to developing countries in implementing SDG 7 on affordable and clean energy. To fully comply the G20 member should assist other developing countries (partner country) in meeting all five targets of SDG 7:

- to promote energy affordability, reliability and modernization of energy services in partner country;
- to support diversification of the partner country's energy mix by promoting renewable energy generation capacities;
- support partner country in improving energy efficiency of its economy;
- support clean energy research and/or technology transfer to partner country;
- assist partner country in upgrading its energy infrastructure to better supply modern and sustainable energy services.

The full compliance score is also given to a G20 member assisting three or more countries in meeting at least one of the SDG 7 targets during the monitoring period.

Reflecting the principle of common but differentiated responsibilities the assessment takes into account the cases of cooperation between developed and developing G20 members as contributing to the latter's compliance.

The partial compliance with the commitment is awarded if the G20 member assists the developing country in at least one of the areas mentioned above.

Scoring Guidelines

-1	G20 member does not assist developing countries in achieving the SDG 7.
0	G20 member assists developing countries in meeting at least one of the five SDG 7 targets.
+1	G20 member assists developing countries in meeting all five of the SDG 7 targets OR helps three or more countries in meeting at least one of the SDG 7 targets.

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 27 July 2019, Brazil and Argentina signed memorandum of understanding on cooperation in the area of bioenergy, including biofuels and agreed to make the best efforts to promote the production

²¹¹⁶ Transforming Our World: The 2030 Agenda for Sustainable Development, United Nations General Assembly, 21 October 2015. Access date: 20 August 2020. https://www.un.org/en/development/desa/population/migration/generalassembly/docs/globalcompact/A_RES_70_1_E.pdf.

and use of bioenergy, including biofuels, in both countries, and their insertion in international markets.²¹¹⁷

On 2 August 2019, Secretary of the Government of Energy Gustavo Lopetegui met with the Minister of Energy of Chile, Juan Carlos Jobet. Together with their teams, both officials reviewed the bilateral energy cooperation agenda for both oil and gas and electrical interconnection and signed the Coordination Protocol for energy emergencies. Likewise, they reviewed the progress for the rehabilitation of the trans-Andean pipeline, the supply of Argentine gas to southern Chile and the binational electrical interconnections.²¹¹⁸

On 13 August 2019, 8 EUROCLIMA and Energy Efficiency projects were selected to be developed in partnership with European Union. One of the projects is greenhouse gases mitigation and adaptation to the impacts of climate change in Latin America by strengthening energy efficiency in strategic sectors in Argentina and Chile.²¹¹⁹

On 15 January 2020, Secretary of Energy Sergio Lanziani held a meeting with a delegation from the Embassy of the People's Republic of China. They agreed on the need to "deepen collaboration in energy matters, understanding that it has potential for both countries. The agreements reached in recent years by both governments included millionaire projects in the area of energy infrastructure, such as the construction of the Condor Cliff and La Barrancosa dams on the Santa Cruz River, the Caucharí solar park in the province of Jujuy, and the development of the fourth nuclear power plant in the Buenos Aires town of Lima, among others. But Chinese companies or their financing entities for infrastructure also participated in different renewable energy projects, thermal and hydroelectric plants, in addition to what happened in the mining sector."²¹²⁰

On 9 March 2020, the Minister of Science, Technology and Innovation Roberto Salvarezza met with the United States Ambassador to Argentina, Edward C. Prado, and the advisor on Science and Technology for the Secretary of State, Mung Chiang, in order to raise a cooperation agenda on topics of mutual interest. These include spatial development, biotechnology, renewable and nuclear energy, and health.²¹²¹

Argentina is a developing country and actions to advance progress towards the timely implementation of SDG 7 on its territory with the assistance of other states were counted as compliance. Argentina showed progress in one aspect of SDG 7.

Thus, it receives a score of 0.

Analyst: Irina Popova

²¹¹⁷ Memorando De Entendimento Entre A República Federativa Do Brasil E A República Argentina Sobre Cooperação Na Área De Bioenergia, Incluindo Biocombustíveis, Diário Oficial Da União (Brasília) 17 July 2019/ Access date: 20 May 2020. <http://www.in.gov.br/en/web/dou/-/memorando-de-entendimento-entre-a-republica-federativa-do-brasil-e-a-republica-argentina-sobre-cooperacao-na-area-de-bioenergia-incluindo-biocombustiveis-196383974>

²¹¹⁸ Lopetegui se reunió con el ministro de Energía de Chile, Government of Argentina (Buenos Aires) 22 August 2019. Access date: 20 Amy 2020. <https://www.argentina.gob.ar/noticias/lopetegui-se-reunio-con-el-ministro-de-energia-de-chile>

²¹¹⁹ Seleccionados 8 proyectos en Eficiencia Energética de EUROCLIMA+, Euroclima Plus (Brussels) 13 August 2019. Access date: 20 May 2020. <https://euroclimaplus.org/noticias-eventos-energia/noticias-energia/471-seleccionados-8-proyectos-en-eficiencia-energetica-de-euroclima>

²¹²⁰ Argentina y China expresaron interés en abordar nuevos rubros de cooperación energética, National News Agency of Argentina (Buenos Aires) 15 January 2020. Access date: 20 May 2020.

<https://www.telam.com.ar/notas/202001/424278-argentina-china-cooperacion-energia.html>

²¹²¹ Argentina afianza lazos de cooperación científica con Estados Unidos, Government of Argentina 9 March 2020. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/argentina-afianza-lazos-de-cooperacion-cientifica-con-estados-unidos>

Australia: +1

Australia has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

According to the list of the projects supported by the Department of Foreign Affairs and Trade's Australian NGO Cooperation Program (ANCP), in 2019-2020 Australia co-funded four development assistance projects aimed at achieving SDG 7 in developing countries:

1. Appropriate and sustainable water, sanitation and health and energy solutions for communities in Vanuatu living in challenging environments. ANCP's contribution amounted to AUD235,951.
2. Strongim Meri Bisnis / Strengthening Women in Business. This project in Papua New Guinea was funded with AUD125,833 from ANCP.
3. SMART Shelters. ANCP co-funded this project in Fiji with AUD135,000.
4. Inclusive and Transformative Extractives Industries in Southern Africa. ANCP's funding of this project across Malawi, Mozambique, South Africa, Zambia, and Zimbabwe was AUD1,031,801.²¹²²

The aforementioned projects aimed to assist partner countries in promoting energy affordability and energy efficiency, covering two of the five targets of SDG 7.

Australia provided assistance to developing countries in meeting two of the five targets of SDG 7.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

Brazil: +1

Brazil has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 27 July 2019, Brazil and Argentina signed a memorandum of understanding (MOU) on cooperation in the area of bioenergy, including biofuels and agreed to make the best efforts to promote the production and use of bioenergy, including biofuels, in both countries, and their insertion in international markets.²¹²³

On 27 September 2019, Brazil, Angola and Mozambique signed an action plan under the framework of South-South cooperation on nuclear energy. It includes national projects to be implemented with the support of the International Atomic Energy Agency, during the 2020-2021 cycle. Those projects include the establishment of technologist programs in physical medicine and radiotherapy at the Angolan Institute for Cancer Control, national radiation safety policy and strategy, waste

²¹²² ANCP Projects in 2019-20, Australian Government Department of Foreign Affairs and Trade (Canberra). Access Date: 16 May 2020. <https://www.dfat.gov.au/sites/default/files/ancp-projects-2019-20.xlsx>.

²¹²³ Memorando De Entendimento Entre A República Federativa Do Brasil E A República Argentina Sobre Cooperação Na Área De Bioenergia, Incluindo Biocombustíveis, Diário Oficial Da União (Brasília) 17 July 2019. Access date: 20 May 2020. <http://www.in.gov.br/en/web/dou/-/memorando-de-entendimento-entre-a-republica-federativa-do-brasil-e-a-republica-argentina-sobre-cooperacao-na-area-de-bioenergia-incluindo-biocombustiveis-196383974>

management, radiation safety education and training, and the creation of national regulatory infrastructure for radiation protection and safety.²¹²⁴

On 25 October 2019, Brazil and China signed an MOU to cooperate on renewable energies and energy efficiency. It intends to establish the basis for a collaborative institutional relationship of bilateral cooperation in the areas of new and renewable energies and energy efficiency.²¹²⁵

On 25 January 2016, President Jair Bolsonaro and Prime Minister of India Narendra Modi presented a list of 15 acts with cooperation agreements and memoranda of understanding in various areas of interest, such as energy, oil and gas, biofuels, biotechnology, health, social security, science and technology and security.²¹²⁶

On 14 February 2020, Brazil announced it is considering constructing a hydroelectric plant with Bolivia. The project would be on the Mamoré River, above the municipality of Guajará-Mirim, with experience and investments from Itaipu. The ministry estimated the value of construction of the binational plant with Bolivia at around USD5 billion.²¹²⁷

Brazil provided assistance to developing countries in meeting two of the five targets of SDG 7.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

Canada: +1

Canada has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

According to the Global Affairs Canada Project Browser, during the monitoring period Canada initiated two new development assistance projects aimed at achieving SDG 7 in developing countries:

1. Enhancing Women's Leadership and Involvement in Cuba's Renewable Energy Sector. This project, started on 19 February 2020, supports vulnerable communities in Holguin, Cuba, particularly women, by improving their access to renewable energy (RE) technology and enhancing women's involvement in the RE sector. The activities under the project include: the installation of RE equipment, developing RE gender-responsive academic curricula and learning material and enhancing the RE training capacity of women professors, implementing strategies

²¹²⁴ Angola assina acordo de cooperação com Brasil e Moçambique, Agencia Angola Press (Luanda) 27 September 2019. Access date: 20 May 2020. https://www.angop.ao/angola/pt_pt/noticias/sociedade/2019/8/39/Angola-assina-acordo-cooperacao-com-Brasil-Mocambique,0751f918-3c59-4e93-89ed-ff66b34e05a6.html

²¹²⁵ Governo assina intenções de cooperação com a China em energias renováveis, Centro Nacional das Indústrias do Setor Sucroenergético e Biocombustíveis (Sertãozinho) 25 October 2019. Access date: 20 May 2020.

<http://www.ceisebr.com/conteudo/governo-assina-intencoes-de-cooperacao-com-a-china-em-energias-renovaveis.html>

²¹²⁶ Brasil e Índia estreitam laços e firmam 15 acordos de cooperação, Correio Braziliense (New Delhi) 25 January 2020. Access date: 20 May 2020.

https://www.correobraziliense.com.br/app/noticia/politica/2020/01/25/interna_politica,823273/brasil-e-india-estreitam-lacos-e-firmam-15-acordos-de-cooperacao.shtml

²¹²⁷ Brasil avalia construção de hidrelétrica binacional com a Bolívia, Jornal Acre 24 horas (Acre) 16 February 2020. Access date: 20 May 2020. <https://www.ac24horas.com/2020/02/16/brasil-avalia-construcao-de-hidreletica-binacional-com-a-bolivia/>

that encourage women's participation and engagement as decision-makers in the RE sector. Canada's contribution to this project amounts to CAD7 million.²¹²⁸

2. Support to Jordan's Growth Matrix. This project, launched on 9 March 2020 aims to provide technical assistance and analytics to help implement the reforms identified in the Government of Jordan's five-year Equitable Growth and Job Creation Transformation Matrix. The goals of the project are: to establish sound governance and economic management; increase private sector growth and competitiveness; improve labor markets and social safety nets; and improve efficiency and effectiveness in transportation, water, and energy sectors. Canada's contribution to this project amounts to CAD5 million.²¹²⁹

The two projects, launched by Canada during the monitoring period supported developing countries in promoting energy affordability and reliability, renewable energy generation capacities, improving energy efficiency; developing clean energy research as well as upgrading their energy infrastructure, thus covering all five targets of SDG 7.

Canada provided assistance to developing countries in meeting all five targets of SDG 7.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

China: +1

China has fully complied with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 25 October 2019, the Association of China Rare Earth Industry announced that it would build a solar plant in North Korea near Pyongyang. A 2.5 GW solar plant is reported to be constructed in exchange for mining rights for a rare earth mine in the northern part of the central province.²¹³⁰

On 29 November 2019, the Ministry of Energy of Kazakhstan reported that Chinese contractors finished installation of a wind farm and a solar plant of 5 MW and 1 MW generating capacity respectively. The Chinese side donated new equipment for the construction of the wind park and solar park at no cost.²¹³¹

On 12 December 2019, the representatives of China National Petroleum Corporation Economic and Technological Institute and Africa Policy Institute signed a memorandum of understanding to enhance cooperation in research and policy dialogue aimed at spotlighting investment opportunities in Africa's energy sector. The parties hope to boost sustainable development of energy resources by means of enhanced transfer of technologies and knowledge sharing.²¹³²

²¹²⁸ Project profile — Enhancing Women's Leadership and Involvement in Cuba's Renewable Energy Sector, Global Affairs Canada (Ottawa) 19 February 2020. Access Date: 16 May 2020. <https://w05.international.gc.ca/projectbrowser-banqueprojets/project-projet/details/P005464001>.

²¹²⁹ Project profile — Support to Jordan's Growth Matrix, Global Affairs Canada (Ottawa) 9 March 2020. Access Date: 16 May 2020. <https://w05.international.gc.ca/projectbrowser-banqueprojets/project-projet/details/P007369001>.

²¹³⁰ North Korea plans 2.5 GW solar plant with Chinese help, PV Magazine Group (Berlin) 25 October 2019. Access date: 23 March 2020. <https://www.pv-magazine.com/2019/10/25/north-korea-plans-2-5-gw-solar-plant-with-chinese-help/>

²¹³¹ China helps Kazakhstan build solar and wind power plants, New Europe 29 November 2019. Access date: 23 March 2020. <https://www.neweurope.eu/article/china-helps-kazakhstan-build-solar-and-wind-power-plants/>

²¹³² Kenya hosts forum on China-Africa energy cooperation, Xinhua News (Nairobi) 14 December 2019. Access date: 24 March 2020. http://www.xinhuanet.com/english/2019-12/14/c_138629468_2.htm

On 19 December 2019, Kenya announced the completion of a new solar plant near Garissa town that was build with support of Chinese counterparts. The project was financed by both parties, but China was also responsible for provision of proper equipment and technologies. The plant is expected to run for 25 years providing 50 MW of electricity that makes its one of the largest in Africa.²¹³³

On 13 January 2020, Egypt announced that Chinese state-owned Gezhouba Group would build 500 MW of solar plants across the country. If plants are completed, the total share of renewables in Egypt's energy mix will reach 42 per cent by 2035.²¹³⁴

On 18 February 2020, a state-owned China Energy Engineering Corporation announced its intention to build 500 MW of solar power plant in Uganda. The estimated amount of necessary investments reaches USD500 mln.²¹³⁵

China is providing assistance to developing countries in meeting all five targets of SDG 7.

Thus, China receives a score of +1.

Analyst: Alexander Ignatov

France: -1

France has not complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

Despite supporting numerous initiatives aimed at promoting the achievement of SDG 7 in developing countries, such as ARE Scale UP program,²¹³⁶ African Network of Centers of Excellence in Electricity,²¹³⁷ National Control Center to upgrade and optimize the power grid in Niger,²¹³⁸ no information on the French Development Agency's new actions was registered. Other sources like French Ministries of Ecology, Sustainable development and Energy, Foreign Affairs, French Government were checked as well.

No evidence of France's assistance to developing countries in meeting any of the SDG 7 targets was found.

Thus, it is awarded a score of -1.

Analyst: Andrei Sakharov

²¹³³ Kenya launches Chinese-built 50 MW solar power plant, Pinsent Masons (London) 19 December 2019. Access date: 24 March 2020. <https://www.pinsentmasons.com/out-law/news/kenya-launches-chinese-built-50mw-solar-power-plant>

²¹³⁴ Egypt: China Gezhouba Group to build 500 MW of solar power plants, Afrik 21 Group 13 January 2020. Access date: 23 March 2020. <https://www.afrik21.africa/en/egypt-china-gezhouba-group-to-build-500-mw-of-solar-power-plants/>

²¹³⁵ State-owned Chinese firm to build 500MW of solar in Uganda, PV Tech (London) 18 February 2020. Access date: 23 March 2020.: <https://www.pv-tech.org/news/state-owned-chinese-firm-to-build-500mw-of-solar-in-uganda>

²¹³⁶ Lancement de ARE Scale Up : soutenir la transition énergétique en Afrique, French Development Agency (Paris) 20 February 2018. Access Date: 20 May 2020. <https://www.afd.fr/fr/actualites/lancement-de-are-scale-soutenir-la-transition-energetique-en-afrique>.

²¹³⁷African Network of Centers of Excellence in Electricity, French Development Agency (Paris) 1 January 2014. Access Date: 20 May 2020. <https://www.afd.fr/en/carte-des-projets/african-network-centers-excellence-electricity-ancee>.

²¹³⁸ A national control center to upgrade and optimize the power grid, French Development Agency (Paris) 1 January 2019. Access Date: 20 May 2020. <https://www.afd.fr/en/carte-des-projets/national-control-center-upgrade-and-optimize-power-grid>.

Germany: +1

Germany has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

As of 15 May 2020, the German Corporation for International Cooperation (GIZ) had 69 active projects worth EUR530 million in energy generation, distribution and efficiency, as well as 34 projects worth EUR373 million in energy generation from renewable sources.²¹³⁹ The projects underway cover different aspects of SDG 7, including modernization of energy services, promotion of renewable energy generation capacities, improving energy efficiency; supporting clean energy research and transfer of technologies, and improving energy supply in deprived regions.²¹⁴⁰

Germany has provided assistance to developing countries in meeting all five targets of SDG 7.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

India: 0

India has partially complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 10 September 2020, India and China agreed on cooperation in research and development for developing new technology for manufacturing solar cell from alternate material and improvement of efficiency of solar cells.²¹⁴¹

On 7 November 2019, Union Cabinet gave approval to a pact signed between India and Guinea in the field of renewable energy. “The Union Cabinet chaired by Prime Minister Narendra Modi has given approval for the MoU [memorandum of understanding] between India and Guinea in the field of renewable energy,” an official statement said. The objective of the MoU is to establish the basis for a cooperative institutional relationship and to encourage and promote bilateral technical cooperation in renewable energy on the basis of mutual benefit, equality and reciprocity between the parties. The areas of cooperation include solar energy, wind energy, bio-energy, and waste to energy, small hydro storage and capacity build.²¹⁴²

On 25 November 2019, India and Germany announced they will collaborate on Mumbai Metro and solar energy projects as part of bilateral cooperation in energy and urban development sectors.²¹⁴³

²¹³⁹ Project data, German Corporation for International Cooperation. Access Date: 15 May 2020. https://www.giz.de/projektdaten/index.action?request_locale=en_GB.

²¹⁴⁰ Energy Newsletter No. 70, German Corporation for International Cooperation February 2020. Access Date: 3 April 2020. <https://login.mailingwork.de/-viewonline2/1593/7353/6101/DXhmh1WX/PeZT7bXcOw/1>.

²¹⁴¹ India, China to cooperate in R&D for developing new tech for manufacturing solar cell, Economic Times India 10 September 2019. Access date: 19 May 2020. <https://economictimes.indiatimes.com/small-biz/productline/power-generation/india-china-to-cooperate-in-rd-for-developing-new-tech-for-manufacturing-solar-cell/articleshow/71064769.cms>

²¹⁴² Cabinet approves pact with Guinea on renewable energy, Economic Times India 7 November 2019. Access date: 19 May 2020. <https://economictimes.indiatimes.com/small-biz/productline/power-generation/cabinet-approves-pact-with-guinea-on-renewable-energy/articleshow/71950379.cms>

²¹⁴³ India and Germany to Collaborate on Development of Solar Projects, Saur Energy International 25 November 2019. Access date: 19 May 2020. <https://www.saurenergy.com/solar-energy-news/india-germany-collaborate-development-solar-projects>

On 25 January 2020, President Jair Bolsonaro and Prime Minister of India Narendra Modi presented a list of 15 acts with cooperation agreements and memoranda of understanding in various areas of interest, such as energy, oil and gas, biofuels, biotechnology, health, social security, science and technology and security.²¹⁴⁴

On 24-25 February 2020, US President Donald Trump and Prime Minister Modi welcomed the announcement of a USD600 million financing facility for renewable energy projects, including solar and wind, in India by International Development Finance Corporation, an American development bank.²¹⁴⁵

India is a developing country and actions to advance progress towards the timely implementation of SDG 7 on its territory with the assistance of other states were counted as compliance. Indonesia showed progress in three aspects of SDG7.

Thus, it receives a score of 0.

Analyst: Irina Popova

Indonesia: 0

Indonesia has partially complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

Indonesia and the German Society for International Cooperation cooperated on several projects during the compliance period.

- Strengthening Climate Governance in Indonesia (2017-2021). The project helps to improve climate governance capacities of the key climate policy stakeholders in various dimensions, so that core elements of key components of the international climate regime are developed, adapted to the national context, harmonised and embedded in the national climate policy. In order to achieve this, the project provides needs-based and tailored policy advice as well as technical trainings for capacity development.²¹⁴⁶
- Promoting sustainable urban transport (2016-2020). The programme is providing financial and practical support to pilot projects in seven cities. Together with its partner, the programme is setting up a measurement, reporting and verification system for greenhouse gas emissions.²¹⁴⁷
- 1,000 Islands — Renewable Energy for Electrification Programme (2017-2020). The goal is achieving a 23 per cent share of renewable energies in Indonesia.²¹⁴⁸

In September 2019, Indonesia, officially joined Partnering for Green Growth and the Global Goals (P4G) Initiative aimed to connect and incorporate all leaders in private sector, government, and civil

²¹⁴⁴ https://www.correiobrasiliense.com.br/app/noticia/politica/2020/01/25/interna_politica,823273/brasil-e-india-estreitam-lacos-e-firmam-15-acordos-de-cooperacao.shtml

²¹⁴⁵ India and US set to deepen strategic energy partnership, Observer Research Foundation 5 March 2020. Access date:

19 May 2020. <https://www.orfonline.org/expert-speak/india-and-us-set-to-deepen-strategic-energy-partnership-61962/>

²¹⁴⁶ Strengthening Climate Governance in Indonesia, German Society for International Cooperation (Bonn). Access date: 18 May 2020. <https://www.giz.de/en/worldwide/74148.html>

²¹⁴⁷ Promoting sustainable urban transport, German Society for International Cooperation (Bonn). Access date: 18 May 2020. <https://www.giz.de/en/worldwide/42943.html>

²¹⁴⁸ 1,000 Islands — Renewable Energy for Electrification Programme, German Society for International Cooperation (Bonn). Access date: 18 May 2020. <https://www.giz.de/en/worldwide/63533.html>

society organizations to deliver the nationally determined contribution under Paris Agreement and SDGs in five key areas, namely food and agriculture (SDG 2), clean water and sanitation (SDG 6), affordable clean energy (SDG 7), sustainable cities (SDG 11) and circular economy (SDG 12). P4G Summits are held biannually, and Indonesia will be hosting the next summit in 2022.²¹⁴⁹

On 26 September 2019, the World Bank's Board of Executive Directors approved a USD150 million loan for Indonesia to scale up investments in geothermal energy by reducing the risks of early-stage exploration. The loan is accompanied by USD127.5 million in grants from the Green Climate Fund and the Clean Technology Fund, two institutions supporting climate-friendly development.²¹⁵⁰

On 15 January 2020, it was reported that Abu Dhabi-based renewable energy group Masdar is set to build Indonesia's first floating solar power plant. The project is expected to be the largest of its kind in Southeast Asia.²¹⁵¹

Indonesia is a developing country and actions to advance progress towards the timely implementation of SDG 7 on its territory with the assistance of other states were counted as compliance. Indonesia showed progress in three aspects of SDG7.

Thus, it receives a score of 0.

Analyst: Pavel Doronin

Italy: -1

Italy has not complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

No evidence of Italy's assistance to developing countries in meeting any of the SDG 7 targets was found.

Thus, it is awarded a score of -1.

Japan: +1

Japan has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 30 June 2019, the Japan International Cooperation Agency (JICA) signed a loan agreement with the Government of the People's Republic of Bangladesh to provide a Japanese official development assistance loan of up to JPY143,127 billion for the Matarbari Ultra Super Critical Coal-Fired Power Plant project; the project will construct an ultra-supercritical coal-fired power plant with a rated output of 1,200 megawatts; JICA also provides other forms of assistance in the energy sector in Bangladesh, such as the proliferation of renewable energy, the installation of low-loss electric cables

²¹⁴⁹ Indonesia's P4G National Platform Launch: A Decade of Partnership 13 March. 2020. Access date: 28 March 2020. <https://gghi.org/indonesia-s-p4g-national-platform-launch-a-decade-of-partnership/>

²¹⁵⁰ Indonesia: Scaling Up Geothermal Energy by Reducing Exploration Risks, WTO (Washington) 26 September 2019. Access date: 18 May 2020. <https://www.worldbank.org/en/news/press-release/2019/09/26/indonesia-scaling-up-geothermal-energy-by-reducing-exploration-risks>

²¹⁵¹ Masdar and PLN enter partnership to develop first floating solar power plant in Indonesia, Masdar (Abu Dhabi) 15 January 2020. Access date: 18 May 2020. <https://news.masdar.ae/en/news/2020/01/19/06/56/masdar-and-pln-enter-partnership-to-develop-first-floating-solar-power-plant-in-indonesia>

with reduced transmission loss, the enhancement of energy conservation and assistance with gas imports.²¹⁵²

On 7 October 2019, JICA signed a USD37 million loan agreement with Da Nhim-Ham Thuan-Da Mi Hydro Power Joint Stock Company to provide funding for installation of Vietnam's first floating solar power plant to reduce the country's dependence on fossil fuels such as coal in favour of clean domestic energy resources, and further promote introduction of renewable energy.²¹⁵³

On 18 October 2019, JICA signed a memorandum of understanding with the European Investment Bank, with the goal to strengthen the partnership of the two institutions, including on sustainable energy in the developing countries.²¹⁵⁴

On 28 November 2019, JICA signed a record of discussions with the Government of the Republic of Cuba for a technical cooperation for development planning for the Electricity Sector Master Plan Study for Development of Renewable Energy by 2030, and contribution to the enhancement of renewable energy utilization in Cuba.²¹⁵⁵

On 13 December 2019, JICA signed grant agreements with the Government of Republic of Mozambique, including a JPY4,084 billion worth grant agreement for development of Nacala Emergency Power Plant; the project aims to eliminate the short-term power supply and demand gap and stabilize power supply, and will contribute to the achievement of SDG 7.²¹⁵⁶

On 22 January 2020, the Asian Development Bank signed a USD37.8 million loan agreement with TTC Energy Development Investment Joint Stock Company provide the first project finance for solar power project in Vietnam; USD7.6 million of the loan will be provided in the form of a concessional non-parallel loan to be drawn from the Leading Asia's Private Infrastructure Fund supported by the Japan International Cooperation Agency, to improve the bankability and financial viability of the project; the project will develop and operate the 50 MW solar power plant and its associated facilities in Tay Ninh Province in Vietnam contribute to meet the growing power demand in Southern Vietnam as well as diversify energy sources.²¹⁵⁷

On 28 January 2020, JICA signed a loan agreement with the Government of the Republic of Ecuador to provide a Japanese loan of up to USD70 million for the project for supporting the advancement of energy matrix transition; the objective of the project is to contribute to the achievement of SDG 7 through promoting: (i) greater access to renewable energy, (ii) stabilization of the energy supply, (iii) energy efficiency through the expansion and reinforcement of the National

²¹⁵² Signing of Japanese ODA Loan Agreement with Bangladesh: Contributing to economic revitalization by responding to rapidly increasing electricity demand, JICA 1 July 2019. Access date: 23 March 2019.
https://www.jica.go.jp/english/news/press/2019/20190701_31_en.html

²¹⁵³ JICA investment in LEAP Fund to help finance Vietnam's first large-scale floating solar power plant, JICA 7 October 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20191007_10_en.html

²¹⁵⁴ Signing of Memorandum of Understanding with the European Investment Bank, JICA 18 October 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20191018_41.html

²¹⁵⁵ Signing of Record of Discussions on Technical Cooperation for Development Planning with Cuba: Expanding the Use of Renewable Energy, JICA 29 November 2019. Access date: 23 March 2019.
https://www.jica.go.jp/english/news/press/2019/20191129_21.html

²¹⁵⁶ Signing of Grant Agreements with Mozambique: Contributing to the improvement of access and quality of secondary education and securing stable electric power in the northern interior region of the country, JICA 13 December 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20191212_41_en.html

²¹⁵⁷ JICA investment in LEAP Fund to provide project finance for solar power plant in Vietnam, JICA 22 January 2020. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20200122_10_en.html

Transmission System and the National Distribution System, and the improvement of the operational efficiency of the electrical system.²¹⁵⁸

Japan has taken significant efforts to support developing countries in implementing SDGs in the energy domain in all areas of SDG 7.

Thus, Japan is awarded a score of +1.

Analyst: Pavel Doronin

Korea: 0

Korea has partially complied with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 20 December 2019, the state-owned Korea Hydro & Nuclear Power Co. was selected as one of main investors for a nuclear plant project in Bulgaria. The Korean energy firm, along with Russia's Rosatom and the China National Nuclear Corporation, were selected as strategic candidates for the new nuclear energy plant project in northern Bulgaria, its ministry said.²¹⁵⁹

On 23 December 2019, the subsidiary organization of the state-owned Korea Electric Power Corporation, Korea Western Power Co., announced its intention to expand its overseas solar power generation projects to 1 GW. Korea Western Power is planning to advance into overseas solar power generation markets including Southeast Asia.²¹⁶⁰

Korea is providing assistance to developing countries in meeting two of the SDG 7 targets.

Thus, Korea receives a score of 0.

Analyst: Alexander Ignatov

Mexico: +1

Mexico has fully complied with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 26-27 June 2019, a high level meeting was held between authorities of the Energy Sector of Mexico and the countries of Central America, at the facilities of the Ministry of Foreign Affairs of Mexico. The purpose of the meeting was to learn about the vision of the energy sector in the country, as well as to report on the progress obtained from cooperation with Central America on the matter, specifically the Mexican Electric Interconnection with the Electric Interconnection System for the countries of Central America.²¹⁶¹

²¹⁵⁸ Signing of Dollar-Denominated Japanese ODA Loan Agreement with Ecuador: Contributing to the promotion of the Energy Matrix Transition through expansion and strengthening of the National Transmission and Distribution Systems, JICA 29 January 2020. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20200129_31_en.html

²¹⁵⁹ S. Korean firm shortlisted for Bulgarian nuclear plant project, the Korea Herald (Seoul) 20 December 2019. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20191220000101&np=74&mp=8>

²¹⁶⁰ Korea Western Power to Expand Solar Power Generation Business Abroad, Business Korea (Seoul) 23 December 2019. Access date: 18 May 2020. <http://www.businesskorea.co.kr/news/articleView.html?idxno=39467>

²¹⁶¹ Sector Energético México-América Central, Mexican Government (Mexico City) 27 June 2019. Access date: 20 May 2020. <https://www.gob.mx/amexcid/prensa/sector-energetico-mexico-america-central-206830?idiom=es>

On 27 September 2019, the foreign ministers and other high authorities of the governments of El Salvador, Guatemala, Honduras and Mexico reaffirmed their commitment to the Comprehensive Development Plan in order to find comprehensive solutions for migration, sustainable development and deepen regional cooperation. Important recommendations have been generated that pay to its strategic pillars, among which energy and decarbonization of the economy are one of the most important.²¹⁶²

On 14-16 October 2019, the Ministry of Energy and the Mexican Agency for International Development Cooperation received at its facilities the Mexico-Honduras Technical Mission, with the objective to support the formulation of a draft public policy on energy efficiency. The three-day agenda included the analysis and exchange of experiences of officials of this commission on the central programs of the institution, particularly the general administrative provisions on energy efficiency in buildings, vehicle fleets and industrial facilities of the administration. In addition, topics related to energy efficiency planning and statistics, energy management systems, solar heat for the service sector, users of high energy consumption pattern and voluntary agreements, as well as standardization for energy efficiency were addressed.²¹⁶³

On 17 October 2019, Mexico and Cuba agreed to make a cooperative effort in energy, education and health matters with the objective of achieving tangible results.²¹⁶⁴

Mexico is providing assistance to developing countries in meeting three targets of SDG 7.

Thus, it receives a score of +1.

Analyst: Irina Popova

Russia: +1

Russia has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 23 October 2019, President Vladimir Putin met with President of the Arab Republic of Egypt Abdel Fattah el-Sisi. President Putin highlighted that Russia would continue its assistance to Egypt in building a nuclear power plant.²¹⁶⁵

On 24 October 2019, President Putin made a statement for the press following the Russia-Africa Summit. He informed that Energy is an important area of economic cooperation between Russia and Africa. Joint projects are implemented in traditional sectors such as hydrocarbon production,

²¹⁶² El Salvador, Guatemala, Honduras y México reafirman su compromiso con el Plan de Desarrollo Integral, CEPAL 27 September 2019. Access date: 20 May 2020. <https://www.cepal.org/es/comunicados/salvador-guatemala-honduras-mexico-reafirman-su-compromiso-plan-desarrollo-integral>

²¹⁶³ La Conuee apoya a Honduras en la preparación de políticas públicas en materia de eficiencia, Mexican Government (Mexico City) 24 October 2019. Access date: 20 May 2020. energética <https://www.gob.mx/conuee/articulos/la-conuee-apoya-a-honduras-en-la-preparacion-de-politicas-publicas-en-materia-de-eficiencia-energetica?idiom=es>

²¹⁶⁴ Cuba y México explorarán cooperación en materia energética y de salud, El Economista (Mexico City) 17 October 2019. Access date: 20 May 2020. <https://www.eleconomista.com.mx/internacionales/Cuba-y-Mexico-exploraran-cooperacion-en-materia-energetica-y-de-salud-20191017-0063.html>

²¹⁶⁵ Meeting with President of Egypt Abdel Fattah el-Sisi, President of Russia 23 October 2019. Access Date: 3 April 2020. <http://en.kremlin.ru/events/president/news/61879>.

construction and repair of power generation facilities as well as in peaceful nuclear energy and the use of renewable energy sources.²¹⁶⁶

On 29 October 2019, President Putin held talks with President of Cuba Miguel Diaz-Canel Bermudez. They discussed proposals for cooperation in the area of nuclear energy.²¹⁶⁷

On 4 December 2019, President Putin and President of the Republic of Serbia Aleksandar Vucic made a joint press statement. They informed on the agreement to increase the capacity of underground gas storage in Serbia from 750 million cubic metres to 2 billion cubic metres, thus helping significantly strengthen energy security in Serbia.²¹⁶⁸

On 18 February 2020, Federation Council Speaker Valentina Matviyenko held talks with President of Zambia Edgar Chagwa Lungu. She informed on the plans to launch the joint establishment of the Zambia Centre for Nuclear Science and Technology seen as a first step to develop the nuclear energy sector in this country.²¹⁶⁹

Russia has provided assistance to developing countries in meeting all five of the SDG 7 targets.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: 0

Saudi Arabia has partially complied with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 8 March 2020, Saudi Arabia and Uzbekistan signed an agreement on energy cooperation. The agreement implies construction of a 1500 MW solar power plant and a 500-1000 MW wind farm in Uzbekistan worth up to 2.5 bln USD. New facilities would be installed near Shirin city.²¹⁷⁰

Saudi Arabia is providing assistance to developing countries in meeting one of the SDG 7 targets.

Thus, Saudi Arabia receives a score of 0.

Analyst: Alexander Ignator

South Africa: 0

South Africa has partially comply with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

²¹⁶⁶ Press statements by presidents of Russia and Egypt following Russia–Africa Summit, President of Russia 24 October 2019. Access Date: 3 April 2020. <http://en.kremlin.ru/events/president/news/61896>.

²¹⁶⁷ Talks with President of Cuba Miguel Diaz-Canel Bermudez, President of Russia 29 October 2019. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/61930>.

²¹⁶⁸ News conference following Russian-Serbian talks, President of Russia 4 December 2019. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/transcripts/62240>.

²¹⁶⁹ Federation Council Speaker Valentina Matviyenko holds talks with President of Zambia Edgar Lungu, Federation Council of the Federal Assembly of the Russian Federation 18 February 2020. Access Date: 15 May 2020. <http://council.gov.ru/en/events/news/113761>.

²¹⁷⁰ Saudi Arabia's ACWA Power, Uzbekistan sign \$2.5bn energy agreements, Gulf Business (Dubai) 09 March 2020. Access date: 30 March 2020. <https://gulfbusiness.com/saudi-arabias-acwa-power-uzbekistan-sign-2-5bn-energy-agreements/>

On 26 August 2019, the Development Bank of South Africa and the Green Climate Fund established a Climate Finance Facility. The new entity is said to attract private investments in green projects in Southern Africa developing countries (e.g., Namibia and Lesoto). The initial capitalization of the facility reaches USD100 million.²¹⁷¹

South Africa is assisting developing countries in meeting one of five SDG 7 targets.

Thus, South Africa receives a score of 0.

Analyst: Alexander Ignatov

Turkey: +1

Turkey has fully complied with the commitment on supporting developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

In January 2020, the Turkish Cooperation and Coordination Agency jointly with the Ministry of National Education held in Libya a two-week course “Renewable Energy and Solar Energy (Photovoltaic) Systems,” as part of the Vocational Training and Employment Programs, aimed to satisfy the need for educated professionals in the sphere, arising from the departure of the foreign labor force due to political and economic crises in Libya.²¹⁷²

On 20 February 2020, the Turkish parliament’s Foreign Affairs Committee approved a deal signed with Ethiopia to cooperate in energy, hydrocarbons and mining; the Turkey-Ethiopia energy cooperation mechanism will focus on promoting cooperation in the fields of mining and hydrocarbon, joint projects in the development and promotion of minerals, oil and gas exploration and exploitation; storage, marketing, transport and distribution of oil derivatives; construction and maintenance of oil and gas infrastructure; and the application of gas technology.²¹⁷³

On 22 February 2020, the Foreign Affairs Committee approved the memorandum of understanding between Turkey and Somalia on comprehensive energy and mining cooperation, which will focus on projects for the exploration, production and refining of hydrocarbons; natural gas processing, storage, transportation, marketing and distribution; geosciences and reservoir engineering; petrochemical and derived products; and the development and maintenance of infrastructure and associated technologies with regards to the hydrocarbons.²¹⁷⁴

Turkey is assisting three developing countries in meeting one of the five SDG 7 targets.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

²¹⁷¹ South Africa establishes Climate Finance Facility, Smart Cities World (London) 26 August 2019. Access date: 26 March 2020. <https://www.smartcitiesworld.net/news/news/southern-africa-establishes-climate-finance-facility-4516>

²¹⁷² Training on Renewable Energy in Libya with the Support of TiKA, TiKA 14 January 2020. Access date: 21 March 2020. https://www.tika.gov.tr/en/news/training_on_renewable_energy_in_libya_with_the_support_of_tika-55311

²¹⁷³ Turkey approves agreement with Ethiopia for cooperation in petroleum and mining, Nordic Monitor 20 February 2020. Access date: 21 March 2020. <https://www.nordicmonitor.com/2020/02/turkey-approves-agreement-with-ethiopia-for-cooperation-in-petroleum-and-mining/>

²¹⁷⁴ Turkey sets up mechanism to explore oil, gas and mining opportunities in Somalia, Nordic Monitor 22 February 2020. Access date: 21 March 2020. <https://www.nordicmonitor.com/2020/02/turkey-set-up-mechanism-to-explore-oil-gas-and-mining-opportunities-in-somalia/>

United Kingdom: +1

The United Kingdom has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 11 September 2019, the UK and Somaliland renewed a memorandum of understanding (MOU) to support the implementation of the Energy Security and Resource Efficiency in Somaliland (ESRES) Programme that aims to provide a clean, affordable renewable energy boost in Somaliland. ESRES will address the high costs of electricity in Somaliland and help promote green growth and poverty reduction by increasing access to more affordable and reliable renewable energy services. Previously the programme supported the installation of six hybrid mini-grids providing clean energy and lowering energy prices in sites across Somaliland.²¹⁷⁵

On 20 January 2020, at the UK-Africa Investment Summit, the UK government announced new initiatives and funding which will enable Africa's clean energy potential. In particular, it also announced a package of new initiatives to:

- Establish a new Climate Finance Accelerator program to work in African countries to promote the flow of green finance and turn Nationally Determined Contributions into investible plans (GBP10 million of funding).
- Accelerate the creation of a coherent portfolio of climate compatible energy and transport infrastructure (GBP38 million of funding) and the award matching-grant funding through Innovate UK's Energy Catalyst to 29 projects developing clean energy innovations.
- Support a just transition to clean energy, through a Clean Energy Pacesetter initiative with Ethiopia, Kenya, Morocco, Nigeria, Sierra Leone and Senegal, and work with South Africa through the UK PACT (Partnering for Accelerated Climate Transitions) program.
- Support testing labs for solar products ensuring that solar panels and appliances meet global standards and households have access to good quality, reliable clean energy (funding of GBP230,000).
- Continue to work with the industry to implement the UK's Green Finance Strategy. The Investment Association, whose members represent GBP8 trillion of assets under management, announced that its members will ask companies they invest in to report on their climate change impact by 2022.
- Support the Energy Commission of Nigeria to update its 2050 Calculator, an energy and emissions model that supports sustainable development planning (GBP60,000).
- Build 10,000 energy efficient, affordable homes in Kenya through UK Climate Investments (GBP30 million).
- Commit to work closely with African partners, alongside the African Development Bank, on how to meet energy needs across the continent through the accelerated uptake of renewable energy as a cleaner, cheaper alternative to coal power.

²¹⁷⁵ British government signs agreements worth £31 million to support development in Somaliland, UK Government 11 September 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/british-government-signs-agreements-worth-31m-to-support-development-in-somaliland>.

- Implement a new programme in Mozambique to increase domestic and business energy access through private sector innovation and investment, and an MOU between the UK and Guinea governments to support continued collaboration on responsible development of mineral resources (GBP40 million).

The UK government also announced that it will no longer provide any new direct official development assistance, investment, export credit or trade promotion support for thermal coal mining and coal power plants overseas.²¹⁷⁶

The UK has provided assistance to developing countries in meeting all five of the SDG 7 targets.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: +1

The United States has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

According to the data, provided by the United States Agency for International Development (USAid) in fiscal years 2019-2020 the Agency funded 198 energy-related activities in low-income countries. The USAid financing for these projects amounts to USD307 million. The activities funded by the USAid cover all five of the SDG 7 targets. The information on the launch dates of the new activities in fiscal years 2019-2020 is unavailable.²¹⁷⁷

The United States provided assistance to developing countries in meeting all five of the SDG 7 targets.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment to support developing countries in their efforts to advance progress towards implementing Sustainable Development Goal (SDG) 7 on affordable and clean energy.

On 22 November 2019, the European Investment Bank (EIB) signed three loans supporting projects in Belarus. A EUR90 million loan will finance the replacement of obsolete gas-fired boilers with biomass boilers capable of producing around 1,000 GWh/year of renewable energy instead of using fossil fuel. The project also involves the upgrade of district heating systems through the installation of new peak boilers and the modernisation of grids in all six Belarus regions (oblasts). Furthermore, the EIB loan — provided under the European Union's EU4Energy Programme — will support thermal renovation of multi-apartment buildings with a total floor area of 500,000 square metres. This will help to significantly cut the housing sector's energy consumption, resulting in energy savings of around 60 GW/year, and reduce dependence on imported fuel. Overall, the project will

²¹⁷⁶ UK Government Statement, UK Government 20 January 2020. Access Date: 3 April 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/859314/2020_01_20_AIS_-_UK_Government_Statement_-_Final_Version.pdf.

²¹⁷⁷ USAid Data Query, USAid (Washington) 23 April 2020. Access Date: 16 May 2020. <https://explorer.usaid.gov/query>.

generate substantial environmental benefits with carbon dioxide savings and improve the well-being of Belarus's citizens.²¹⁷⁸

On 27 and 28 November 2019, in Amman, international energy experts presented a concrete roadmap and technical solutions to Jordanian energy stakeholders to improve the country's electricity licensing procedures on one hand and to accelerate investment in the Jordanian storage system on the other hand. Organised over two days at the initiative of the Association of Mediterranean Energy Regulators and in cooperation with the Jordanian Energy and Minerals Regulatory Commission, the workshop was meant to support and facilitate Jordan's major electricity market development.²¹⁷⁹

On 29 November 2019, "Clean Energy for all Europeans" Package: Implications and Opportunities for the Mediterranean briefing was released. This briefing on the legislative package "Clean Energy for all Europeans" explores various options for the Southern and Eastern Mediterranean countries to cooperate with European Union members. The focus of cooperation options is in the area of deploying renewable energy sources, interconnections and electricity market integration.²¹⁸⁰

On 12 December 2019, the EIB approved EUR8.1 billion of new financing for climate action, sustainable development, health, and education investment across Europe and around the world. This included support for large and small-scale renewable energy projects, for the development of electric vehicles, and for improving the energy efficiency of homes. The EIB agreed new financing to support a new large-scale wind farm in the North Sea and the expansion of electricity distribution in western Nepal to enable remote communities to benefit from hydropower. New renewable energy projects including hydropower and wind farms across Brazil will also be supported by the EIB.²¹⁸¹

On 22 January 2020, the European Bank for Reconstruction and Development (EBRD) and the European Union agreed a new EUR50 million program of financial guarantees aimed at scaling up investment in renewable energy in Ukraine and in the EU's Southern Neighbourhood with a particular focus on Jordan, Lebanon and Tunisia. This is the first EBRD guarantee program to receive funding through the EU External Investment Plan, an EU initiative launched in 2017 with the aim to attract more investment, especially from businesses and private investors, into countries neighbouring the EU and in Africa.²¹⁸²

On 27 February 2020, the EIB signed a EUR18 million loan agreement with the Latvian National Promotional Institution Altum to finance energy efficiency projects by Latvian companies. The

²¹⁷⁸ Belarus: EIB supports energy efficiency and small businesses, European Investment Bank (Kirchberg) 22 November 2019. Access date: 18 May 2020. <https://www.eib.org/en/press/all/2019-321-eib-supports-energy-efficiency-and-small-businesses-in-belarus>

²¹⁷⁹ EU-funded Association of Mediterranean Energy Regulators helps Jordan reinforce its licensing procedures and regulate electricity storage, EU Neighbors (Brussels) 28 November 2019. Access date: 19 May 2020. <https://euneighbours.eu/en/south/stay-informed/news/eu-funded-association-mediterranean-energy-regulators-helps-jordan>

²¹⁸⁰ "Clean Energy for all Europeans" Package: Implications and Opportunities for the Mediterranean, EU Neighbors (Brussels) 29 November 2019. Access date: 18 May 2020. <https://euneighbours.eu/en/south/stay-informed/publications/clean-energy-all-europeans-package-implications-and-opportunities>

²¹⁸¹ EIB approves EUR 8.1 billion for renewable energy, energy efficiency, sustainable transport, and agriculture, European Investment Bank (Kirchberg) 12 December 2019. Access date: 18 May 2020. <https://www.eib.org/en/press/all/2019-357-eib-approves-eur-81-billion-for-renewable-energy-energy-efficiency-sustainable-transport-and-agriculture>

²¹⁸² EBRD and EU agree €50 million financial guarantee to boost renewable energy in EU Neighbourhood, European Bank for Reconstruction and Development (London) 22 January 2020. Access date: 18 May 2020. <https://www.ebrd.com/news/2020/ebrd-and-eu-agree-50-million-financial-guarantee-to-boost-renewable-energy-in-eu-neighbourhood.html>

financing is complemented by a EUR3 million guarantee under the Private Finance for Energy Efficiency instrument, provided by the European Union.²¹⁸³

On 18 March 2020, EU4Energy launched a project to support the Republic of Moldova in developing a Monitoring and Verification Platform. The web-based tool will help Moldovan authorities measure progress towards energy efficiency targets and calculate energy savings.²¹⁸⁴

The European Union provided assistance to developing countries in meeting all five of the SDG 7 targets.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

²¹⁸³ Altum and EIB join forces for energy efficiency investments in Latvia, European Commission (Brussels) 27 February 2029. Access date: 18 May 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_329

²¹⁸⁴ EU4Energy supports Moldova in tracking energy efficiency progress, European Neighbours (Brussels) 18 March 2020. Access date: 19 May 2020. <https://euneighbours.eu/en/east/stay-informed/news/eu4energy-supports-moldova-tracking-energy-efficiency-progress>

14. Development: Investment in Human Capital

“We reaffirm our commitment to invest in human capital...[as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.]”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina			+1
Australia			+1
Brazil		0	
Canada			+1
China			+1
France			+1
Germany			+1
India			+1
Indonesia			+1
Italy			+1
Japan			+1
Korea	0		
Mexico			+1
Russia	0		
Saudi Arabia			+1
South Africa	0		
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average	+0.80 (90%)		

Background

At the 2019 Osaka Summit G20 leaders collectively committed to improving education around the world by investing in human capital as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.²¹⁸⁵ The background section of this compliance report presents past actions undertaken by the G20 and other institutions of global governance to address and invest in human capital.

At 2016 Hangzhou Summit, G20 leaders referenced human capital for the first time, committing to “important cross-cutting actions related to multi-dimensional partnerships, supporting developing countries and improving skills and human capital.”²¹⁸⁶ They also adopted the G20 Blueprint on

²¹⁸⁵ Statement by Alice Albright welcoming the G20 leaders’ declaration and focus on education, Global Partnership for Education (Washington) 29 June 2019. Access Date: 17 November 2019. <https://www.globalpartnership.org/news-and-media/news/statement-alice-albright-welcoming-g20-leaders-declaration-and-focus-education>

²¹⁸⁶ G20 Leaders’ Communiqué: Hangzhou Summit, G20 Information Centre (Toronto) 5 September 2016. Access Date: 17 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

Innovative Growth, which recognized “improving skills and human capital” as a cross-sectoral issue that “require[s] particular attention and a coordinated approach.”²¹⁸⁷

On 5 November 2018, a workshop hosted by the Organisation for Economic Co-operation and Development (OECD) and the United Nations Development Programme discussed support for G20 members and their implementation of the G20 Action Plan on the 2030 Agenda for Sustainable Development.²¹⁸⁸ One of the workshop’s four sessions was dedicated to human capital investment. The workshop emphasized coordination across G20 working groups and work streams to advance the agenda of human capital investment, particularly in relation to the G20’s existing efforts in the issue domains of future of work and digital economy. The workshop concluded that investing in human capital should also take into account factors such as gender perspectives, health outcomes, and youth and social protection policies.²¹⁸⁹

On 1 December 2018, at the G20 Buenos Aires Summit, G20 leaders emphasized the importance of human capital in the launch of the G20 Initiative for Early Childhood Development.²¹⁹⁰ G20 leaders committed to “stand ready to join all stakeholders in enhancing quality and sustainably financed early childhood programs that consider the multidimensional approach of ECD [early childhood development] as means of building human capital to break the cycle of intergenerational and structural poverty, and of reducing inequalities, especially where young children are most vulnerable.”²¹⁹¹

Other international organizations have established initiatives and programs to invest in and assess human capital. Notably, in 2017, the World Bank announced its Human Capital Project, which seeks to “create the political space for national leaders to prioritize transformational human capital investments.”²¹⁹² This announcement was followed by the launch of the Human Capital Index in October 2018.²¹⁹³ The Project further engages individual countries and provides metrics of measurement and research with regards to education and health outcomes.²¹⁹⁴

In December 2016, the United Nations Economic Commission for Europe published its “Guide on Measuring Human Capital.”²¹⁹⁵ This guide seeks to help governments understand and quantify indicators of human capital, such as the functioning of labour markets and measurements of output and productivity performance in the education sector. The publication discusses “conceptual,

²¹⁸⁷ G20 Blueprint on Innovative Growth (Hangzhou), G20 Information Centre (Toronto) 5 September 2016. Access Date: 17 November 2019. <http://www.g20.utoronto.ca/2016/160905-blueprint.html>

²¹⁸⁸ OECD-UNDP G20 Workshop Summary Report, OECD (Paris) 5 November 2018. Access Date: 17 November 2019. http://www.oecd.org/dev/Summary_report_OECD_UNDP_G20_Workshop_2018.pdf

²¹⁸⁹ OECD-UNDP G20 Workshop Summary Report, OECD (Paris) 5 November 2018. Access Date: 17 November 2019. http://www.oecd.org/dev/Summary_report_OECD_UNDP_G20_Workshop_2018.pdf

²¹⁹⁰ G20 Leaders' Declaration: Building Consensus for Fair and Sustainable Development (Buenos Aires), G20 Information Centre (Toronto) 1 December 2018. Access Date: 17 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²¹⁹¹ G20 Leaders' Declaration: Building Consensus for Fair and Sustainable Development (Buenos Aires), G20 Information Centre (Toronto) 1 December 2018. Access Date: 17 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²¹⁹² About the Human Capital Project, The World Bank (Washington) Access Date: 17 November 2019. <https://www.worldbank.org/en/publication/human-capital/brief/about-hcp>

²¹⁹³ About the Human Capital Project, The World Bank (Washington) Access Date: 17 November 2019. <https://www.worldbank.org/en/publication/human-capital/brief/about-hcp>

²¹⁹⁴ Human Capital Project, The World Bank (Washington) Access Date: 17 November 2019. <https://www.worldbank.org/en/publication/human-capital>

²¹⁹⁵ Publications — Guide on Measuring Human Capital, UNECE, (Geneva) December 2016. Access Date: 17 November 2019. <https://www.unece.org/index.php?id=44704>

methodological and implementation issues and challenges” across country-specific and international comparative contexts.²¹⁹⁶

The G20 Initiative on Human Capital Investment for Sustainable Development was adopted at the 2019 G20 Osaka Summit as a supplement to the leaders’ declaration.²¹⁹⁷ The Initiative was championed by the G20 Development Working Group with a thematic focus on “quality education for creating inclusive, resilient and innovative societies.”²¹⁹⁸ This G20 Initiative was later further welcomed by the joint communiqué of G7 Ministers of Education and International Development on 5 July 2019.²¹⁹⁹

The present G20 commitment to invest in human capital and highlight the G20 Initiative on Human Capital Investment for Sustainable Development builds upon pledges made at previous G20 summits and in the international community. At its core, this commitment represents the G20’s pledge to invest in people. Skills development and socio-economic wellbeing are inextricably tied to economic productivity, and investing in human capital has profound implications for improved outcomes in health, income, employment, technological innovation and social inclusion.

Commitment Features

In the G20 Osaka declaration, G20 leaders “reaffirmed [their] commitment to invest in human capital … [as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.]”²²⁰⁰ This document particularly centres on “promot[ing] inclusive and equitable quality education for all.”²²⁰¹

“Reaffirm” is defined as the act of “affirm[ing] again,” whereby affirm is “to assert strongly, state as fact, confirm or ratify a judgment.”²²⁰² The word “reaffirm” qualifies this G20 commitment as a “politically binding” criterion.²²⁰³ This term establishes the threshold of action for compliance with this commitment.²²⁰⁴ Verbal affirmations of human capital investment, particularly the G20 Initiative on Human Capital Investment for Sustainable Development, thus partially make up a G20 member’s compliance with this commitment. Further examples include engaging bilateral and multilateral forums or holding meetings and discussions to share best practices with other countries.

²¹⁹⁶ Publications — Guide on Measuring Human Capital, UNECE, (Geneva) December 2016. Access Date: 17 November 2019. <https://www.unece.org/index.php?id=44704>

²¹⁹⁷ G20 Osaka Summit (Summary of Outcome), Ministry of Foreign Affairs of Japan (Osaka) 29 June 2019. Access Date: 17 November 2019. <https://www.mofa.go.jp/files/000506254.pdf>

²¹⁹⁸ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²¹⁹⁹ Joint Communiqué of the G7 Ministers of Education and International Development (Paris) 5 July 2019. Access Date: 17 November 2019. <http://www.g7.utoronto.ca/dev/2019-education-and-development.pdf>

²²⁰⁰ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 17 November 2019. <http://www.g20.utoronto.cfa/2019/2019-g20-osaka-leaders-declaration.html>

²²⁰¹ The 2019 G20 Osaka Summit Commitments, G20 Information Centre (Toronto) 1 July 2019. Access Date: 17 November 2019. <http://www.g20.utoronto.ca/analysis/commitments-19-osaka.html>

²²⁰² Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 21 April 2020

²²⁰³ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 21 April 2020

²²⁰⁴ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 21 April 2020

“Invest” is understood to mean putting resources, effort or time into something to get an advantage.²²⁰⁵ “Human capital” is defined by the OECD as “knowledge, skills, competencies and attributes embodied in individuals that facilitate the creation of personal, social and economic well-being.”²²⁰⁶ The concept of human capital also refers to the “quality of the workforce,” which is closely connected to levels of education, standards of health and the labour force’s contributions to economic growth.²²⁰⁷

The present G20 commitment references the G20 Initiative on Human Capital Investment for Sustainable Development, which contains three sections: 1) quality education for achieving sustainable development and inclusive growth, 2) education for creating innovation, and 3) education for resilient and inclusive future.²²⁰⁸ The phrase “as emphasized” suggests the significance of the G20 Initiative, which will guide the analysis for assessing compliance with this commitment.

The G20 Initiative begins by highlighting the need to invest in “quality education, with a particular emphasis on developing and low and middle-income countries.”²²⁰⁹ Two key elements in this commitment are noteworthy: 1) education and 2) accessibility of education to marginalized or vulnerable populations. First, education sits at the core of this commitment, and it is understood to encompass “lifelong learning opportunities for all, starting at an early age and that encompass formal, non-formal and informal learning.”²²¹⁰ Second, noting the G20 Initiative’s focus on marginalized communities, such demographics can refer to (but are not limited to) women and girls, the elderly, children, migrants, disabled populations, those living in conflict regions and more.²²¹¹ For this assessment, these groups are the primary target audience of human capital investment.

The first pillar of the G20 Initiative, “quality education for achieving sustainable development and inclusive growth,” discusses ECD and basic education with particular emphasis on marginalized and disadvantaged groups.²²¹² The second pillar, “education for creating innovation,” focuses on skill-based and vocational training relating to the future of work, the fourth industrial revolution and education for innovation. The third pillar, “education for resilient and inclusive future,” shares the previous two pillars’ emphasis on gender minorities and marginalized communities.²²¹³ The third section further elaborates on the need to provide quality education for individuals with disabilities, those living in conflict contexts, and hard-to-reach groups.²²¹⁴

²²⁰⁵ Invest, Cambridge Dictionary (Cambridge) Access Date: 17 November 2019.
<https://dictionary.cambridge.org/dictionary/english/invest>

²²⁰⁶ The Value of People, OECD Insights: Human Capital, Organisation for Economic Co-operation and Development (Paris) 20 February 2007. Access Date: 17 November 2019. <https://www.oecd.org/insights/37967294.pdf>

²²⁰⁷ The Value of People, OECD Insights: Human Capital, Organisation for Economic Co-operation and Development (Paris) 20 February 2007. Access Date: 17 November 2019. <https://www.oecd.org/insights/37967294.pdf>

²²⁰⁸ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²⁰⁹ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²¹⁰ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²¹¹ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²¹² G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²¹³ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

²²¹⁴ G20 Initiative on Human Capital Investment for Sustainable Development, G20 (Osaka) 29 June 2019. Access Date: 17 November 2019. https://www.mofa.go.jp/mofaj/gaiko/g20/osaka19/pdf/documents/en/annex_10.pdf

Actions that count towards compliance refer to government measures that invest in human capital according under the meaning used in the G20 Initiative. Examples include financial contributions by G20 members to support early child education or educational achievement in minority or marginalized demographics. Such measures can take the form of public provision or subsidization of education; alternatively, digital skills, language training, or professional preparatory courses.²²¹⁵ Other examples include the establishment of vocational programs, enterprise-based training or public labour market schemes.²²¹⁶ Additionally, investment in human capital by G20 members can seek to assess the quality and quantity of skills available, develop a coherent human capital policy, and measure human capital investment outcomes.²²¹⁷

To achieve full compliance, the G20 member must invest in human capital as outlined by all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development: 1) quality education for achieving sustainable development and inclusive growth, 2) education for creating innovation, and 3) education for resilient and inclusive future. As the commitment text declares specifically an investment (i.e., some form of financial investment) in human capital, verbal affirmations of any such investment alone will only count as partial compliance with the commitment. If a G20 member's efforts support one or two of the three aforementioned pillars, the G20 member will be awarded partial compliance. Non-compliance will be attributed to G20 members that fail to demonstrate the reaffirmation of the commitment to invest in human capital, i.e., G20 members that support none of the three pillars outlined in the G20 Initiative.

Scoring Guidelines

-1	G20 member does not invest in quality education for achieving sustainable development and inclusive growth, education for creating innovation, or education for resilient and inclusive future.
0	G20 member invests in one or two of the following: quality education for achieving sustainable development and inclusive growth OR education for creating innovation OR education for resilient and inclusive future.
+1	G20 member invests in quality education for achieving sustainable development and inclusive growth AND education for creating innovation AND education for resilient and inclusive future.

Compliance Director: Angela Min Yi Hou

Lead Analyst: Diego Vasquez

Argentina: +1

Argentina fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

²²¹⁵ Investment in Human Capital — Assessing the Efficiency of Public Spending on Education, European Commission (Brussels) 6 November 2017. Access Date: 17 November 2019.
https://www.consilium.europa.eu/media/31409/investment-in-human-capital_eurogroup_31102017_ares.pdf

²²¹⁶ Human Capital Investment: An International Comparison, OECD iLibrary — Centre for Educational Research and Innovation (Paris) 4 May 1998. Access Date: 17 November 2019. <https://www.oecd-ilibrary.org/docserver/9789264162891-en.pdf?expires=1574004615&id=id&accname=guest&checksum=F8863B389609164CB1CCF54D10BF3922>

²²¹⁷ OECD-UNDP G20 Workshop Summary Report, OECD (Paris) 5 November 2018. Access Date: 17 November 2019.
http://www.oecd.org/dev/Summary_report_OECD_UNDP_G20_Workshop_2018.pdf

On 23 December 2019, the Minister of Education Nicolás Trotta and Secretary of Education Adriana Puiggrós met with President of the Argentine Episcopal Conference and Bishop of San Isidro Monsignor Oscar Ojea. The parties discussed the dire educational situation in Argentina.²²¹⁸

On 23 December 2019, Secretary for Education Cooperation and Priority Actions of the Ministry of Education Pablo Gentili met with Spanish Secretary of State for Cooperation for Ibero-America Juan Pablo de Laiglesia in Madrid.²²¹⁹ The parties discussed the planned expansion of cooperative policies and shared a joint vision in education, science, and culture.²²²⁰

On 30 December 2019, President Alberto Fernandez presented the National Reading Plan, which aims to reach 10 million children and adolescents in primary and secondary education.²²²¹ The plan endeavors to match the number of days children read with the number of school days in the year.²²²²

On 17 January 2020, Minister of Education Nicolás Trotta met with Minister of Public Works Gabriel Katopodis. They worked on a plan for educational infrastructure, specifically focusing on building schools and universities.²²²³

On 23 January 2020, Minister Trotta met with the Ambassador of France in Argentina Mariá Claudia Scherer-Effosse to discuss joint cooperation on an education agenda.²²²⁴ The proposed agenda seeks to develop educational, scientific and cultural fields in line with a new education law in France, which aims to increase the inclusion of vulnerable students.²²²⁵

On 23 January 2020, Minister Trotta met with Governor of Santa Cruz province Alicia Kirchner. They agreed to work together and enhance educational programs in the province by expanding educational accessibility.²²²⁶

On 4 February 2020, Minister Trotta signed collaboration agreements to implement the National Reading Plan in Rosario. The plan aims to distribute and democratize knowledge as well as improve

²²¹⁸ The Ministry of Education and the Episcopal Conference agreed on joint actions, Gobierno de Argentina (Buenos Aires) 23 December 2019. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-y-la-conferencia-episcopal-acordaron-acciones-conjuntas>

²²¹⁹ Educational cooperation projects between Argentina and Spain, Gobierno de Argentina (Buenos Aires) 23 December 2019. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/proyectos-de-cooperacion-educativa-entre-argentina-y-espana>

²²²⁰ Educational cooperation projects between Argentina and Spain, Gobierno de Argentina (Buenos Aires) 23 December 2019. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/proyectos-de-cooperacion-educativa-entre-argentina-y-espana>

²²²¹ The Government launched the National Reading Plan, Gobierno de Argentina (Buenos Aires) 30 December 2019. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-lanzo-el-plan-nacional-de-lecturas>

²²²² The Government launched the National Reading Plan, Gobierno de Argentina (Buenos Aires) 30 December 2019. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-lanzo-el-plan-nacional-de-lecturas>

²²²³ Trotta and Katopodis design an educational infrastructure plan, Gobierno de Argentina (Buenos Aires) 17 January 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/trotta-y-katopodis-disenar-un-plan-de-infraestructura-educativa>

²²²⁴ The Ministry of Education and the French Embassy work on an educational agenda, Gobierno de Argentina (Buenos Aires) 23 January 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-y-la-embajada-de-francia-trabajan-en-una-agenda-educativa>

²²²⁵ The Ministry of Education and the French Embassy work on an educational agenda, Gobierno de Argentina (Buenos Aires) 23 January 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-y-la-embajada-de-francia-trabajan-en-una-agenda-educativa>

²²²⁶ The Minister of Education and the Governor of Santa Cruz agreed actions focused on the province, Gobierno de Argentina (Buenos Aires) 23 January 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministro-de-educacion-y-la-gobernadora-de-santa-cruz-acordaron-acciones-enfocadas-en-la>

teaching and the learning process.²²²⁷ This plan is part of the government's aim to impact 10 million adolescents and their families.²²²⁸

On 5 February 2020, Minister Trotta met with composer Juan Falu to restart the Cajita de Música Argentina program, which aims at delivering multimedia materials for musical education.²²²⁹

On 17 February 2020, Minister Trotta met with President of the Honourable Chamber of Deputies Sergio Massa to work together and improve educational quality. They outlined an agenda focusing on constructing inclusive schools, school infrastructure, and educational evaluation.²²³⁰

On 18 February 2020, Minister Trotta met with Governor of Tucumán Juan Luis Manzur. They discussed the work required to improve educational infrastructure and recognized the need for building renovations and the construction of new establishments. They reaffirmed the goal of improving education quality in the province and making school more inclusive to both boys and girls.²²³¹

On 19 February 2020, Minister Trotta and Governor of Santiago del Estero Gerardo Zamora signed an agreement to guarantee the payment of the compulsory fund owed by the previous administrations. This serves to benefit 7,000 teachers.²²³²

On 27 February 2020, Minister Trotta and Governor of Salta Gustavo Sáenz agreed to build three schools in Salta. The schools will be funded by the Ministry and located in rural communities.²²³³ This agreement will also expand educational infrastructure, making access to education easier for both boys and girls. Furthermore, both officials agreed to broaden the curriculum by implementing sex education in the province.²²³⁴

On 28 February 2020, Minister Trotta met with Minister of Health Ginés González García to reinforcing disease prevention through the educational structure. They further agreed to introduce joint campaigns on vaccination, sexual education, and links with university careers and the health

²²²⁷ Trotta and Perotti presented the National Reading Plan in Rosario, Gobierno de Argentina (Buenos Aires) 4 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/trotta-y-perotti-presentaron-el-plan-nacional-de-lecturas-en-rosario>

²²²⁸ Trotta and Perotti presented the National Reading Plan in Rosario, Gobierno de Argentina (Buenos Aires) 4 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/trotta-y-perotti-presentaron-el-plan-nacional-de-lecturas-en-rosario>

²²²⁹ Music Box: a program of the Ministries of Education and Culture, Gobierno de Argentina (Buenos Aires) 5 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/cajita-de-musica-un-programa-de-los-ministerios-de-educacion-y-cultura>

²²³⁰ Trotta and Massa met to work educational laws, Gobierno de Argentina (Buenos Aires) 17 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/trotta-y-massa-se-reunieron-para-trabajar-leyes-educativas>

²²³¹ Trotta and Manzur met to work on the infrastructure of the Tucuman schools, Gobierno de Argentina (Buenos Aires) 18 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/trotta-y-manzur-se-reunieron-para-trabajar-en-la-infraestructura-de-las-escuelas-tucumanas>

²²³² The Ministry of Education signed an agreement with Santiago del Estero, Gobierno de Argentina (Buenos Aires) 19 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-firmo-convenio-con-santiago-del-estero>

²²³³ Minister Trotta and Governor Sáenz agreed on joint lines of work, Gobierno de Argentina (Buenos Aires) 27 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministro-trotta-y-el-gobernador-saenz-acordaron-lineas-de-trabajo-conjunto>

²²³⁴ Minister Trotta and Governor Sáenz agreed on joint lines of work, Gobierno de Argentina (Buenos Aires) 27 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministro-trotta-y-el-gobernador-saenz-acordaron-lineas-de-trabajo-conjunto>

industry.²²³⁵ In hopes of increasing public health awareness, the parties reaffirmed that better health entails better education, and vice versa, better education entails better health.²²³⁶

On 5 March 2020, Minister Trotta met with Regional Director of the Latin American and the Caribbean Open Society Foundation Pedro Abramovay to discuss university policies. They reaffirmed the understanding that universities are a space for the defense and protection of human rights through national, regional and global perspectives.²²³⁷ Furthermore, both agreed to cooperate in upholding equal conditions and opportunities in education and other public care policies.²²³⁸

On 6 March 2020, Minister Trotta implemented the new Secondary School Completion Plan (FinEs) in an effort to help people over the age of 18 complete primary and secondary education.²²³⁹ The plan also aims to assist those in their final year of secondary education who lack the necessary requirements to graduate.²²⁴⁰

On 12 March 2020, Minister Trotta met with Secretary of Education Adrianna Puiggrós at the first Federal Planning Table.²²⁴¹ The meeting sought to bring together leaders in education and discuss educational planning and innovation, educational management and quality, and social and cultural education.²²⁴²

On 16 March 2020, Minister Trotta presented the program of continuing education, which aims to resume education in light of the COVID-19 pandemic. The program will present online resources such as self-learning resources, suggestions for families and teachers, films, interviews, educational and communication proposals through social networks and videoconferencing tools, proposals for free time and an online events agenda.²²⁴³ Additionally, the Ministry of Education worked with telecommunications providers to ensure that browsing the sites will not cost money nor consume data, allowing students unrestricted access to education during the outbreak.²²⁴⁴

²²³⁵ Education and Health agree on joint programs, Gobierno de Argentina (Buenos Aires) 28 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/educacion-y-salud-acuerdan-programas-conjuntos>

²²³⁶ Education and Health agree on joint programs, Gobierno de Argentina (Buenos Aires) 28 February 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/educacion-y-salud-acuerdan-programas-conjuntos>

²²³⁷ The Ministry of Education and the Open Society Foundation agreed on joint projects, Gobierno de Argentina (Buenos Aires) 5 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-y-la-fundacion-open-society-acordaron-proyectos-en-conjunto>

²²³⁸ The Ministry of Education and the Open Society Foundation agreed on joint projects, Gobierno de Argentina (Buenos Aires) 5 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-y-la-fundacion-open-society-acordaron-proyectos-en-conjunto>

²²³⁹ The Ministry of Education continues the FinEs Plan and announces new lines of work, Gobierno de Argentina (Buenos Aires) 6 March 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-da-continuidad-al-plan-fines-y-anuncia-nuevas-lineas-de-trabajo>

²²⁴⁰ The Ministry of Education continues the FinEs Plan and announces new lines of work, Gobierno de Argentina (Buenos Aires) 6 March 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-da-continuidad-al-plan-fines-y-anuncia-nuevas-lineas-de-trabajo>

²²⁴¹ The first Federal Planning Table was held, Gobierno de Argentina (Buenos Aires) 12 March 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/se-realizo-la-primer-mesa-federal-de-planeamiento>

²²⁴² The first Federal Planning Table was held, Gobierno de Argentina (Buenos Aires) 12 March 2020. Access Date: 3 April 2020. <https://www.argentina.gob.ar/noticias/se-realizo-la-primer-mesa-federal-de-planeamiento>

²²⁴³ The Ministry of Education presented the program Continuing Educating, Gobierno de Argentina (Buenos Aires) 16 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-presento-el-programa-seguimos-educando>

²²⁴⁴ The Ministry of Education presented the program Continuing Educating, Gobierno de Argentina (Buenos Aires) 16 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-de-educacion-presento-el-programa-seguimos-educando>

On 17 March 2020, Minister rotta announced that 20 online courses will be enabled for teachers to facilitate the mediation of information and communication technologies. These courses aim to assist 900,000 teachers in the transition to online classes, while maintaining quality education for Argentina's youth.²²⁴⁵

On 19 March 2020, Minister Trotta agreed to a 16 per cent salary increase for university non-teaching workers, noting that the maintenance of university operations is vital to facilitating universities' role in enabling social mobility in the most neglected sectors.²²⁴⁶ This agreement also compensates workers for the following four months of expected inflation, due to the economic situation inherited from the previous administration.²²⁴⁷

Argentina fully complied with this commitment by investing in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, Argentina invested in quality education for achieving sustainable development and inclusive growth through its efforts to address educational accessibility, early childhood development, and capacity-development of teachers. Furthermore, Argentina invested in education for creating innovation, and contributed to education for resilient and inclusive futures through addressing the educational accessibility of hard-to-reach and vulnerable populations.

Thus, Argentina receives a score of +1.

Analysts: Harris Johnston and Diego Vasquez

Australia: +1

Australia fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 18 July 2019, the government supplied AUD30.2 million to the Local Schools Community Fund. This increased funding aims to benefit students in Catholic and independent schools by funding small scale-projects.²²⁴⁸

On 19 August 2019, Minister for Education Dan Tehan launched an AUD93.7 million fund for the Destination Australia Program. This funding aims to support regional tertiary education providers by offering high quality education to domestic and international students.²²⁴⁹ This program allows tertiary providers, including that of vocational education and training, to apply for funding that

²²⁴⁵ INFoD offers virtual training for teachers of all levels and modalities in the country, Gobierno de Argentina (Buenos Aires) 17 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/el-infod-ofrece-formacion-virtual-para-docentes-de-todos-los-niveles-y-modalidades-del-pais>

²²⁴⁶ Joint agreement with university non-teachers, Gobierno de Argentina (Buenos Aires) 19 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/acuerdo-paritario-con-los-no-docentes-universitarios-0>

²²⁴⁷ Joint agreement with university non-teachers, Gobierno de Argentina (Buenos Aires) 19 March 2020. Access Date: 25 March 2020. <https://www.argentina.gob.ar/noticias/acuerdo-paritario-con-los-no-docentes-universitarios-0>

²²⁴⁸ Local Schools Community Fund Guidelines — 2019, Australian Government — Department of Education, Skills and Employment (Canberra) 18 July 2019. Access Date: 8 February 2020. <https://docs.education.gov.au/node/52944>

²²⁴⁹ Destination Australia open for applications, Australian Government — Department of Education, Skills and Employment (Canberra) 19 August 2019. Access Date: 8 February 2020. <https://www.education.gov.au/news/destination-australia-open-applications>

facilitates increased domestic and international study in regional Australia. Scholarships are valued at AUD15,000 per student per year.²²⁵⁰

On 28 August 2019, Minister Tehan announced that the government will create a University Foreign Interference Taskforce to provide better protection against foreign intervention in the university sector.²²⁵¹ The taskforce will comprise of a committee and working groups that focus on cyber-security, research and intellectual property, foreign collaboration, and culture and communications. The taskforce will bring together universities and the government to develop guidelines based on potential risks, and further foster world-class research.²²⁵²

On 5 September 2019, the Department of Education, Skills and Employment (AESE) initiated a research project to share the experiences and case studies of Australian educators who have provided or are providing education and training in Indonesia.²²⁵³ The goal of the project is to outline models of engagement and regulatory settings across all sectors, and further assist Australia's ongoing efforts to advance education services in Indonesia.²²⁵⁴

On 23 September 2019, the AESE announced the establishment of up to 60 medical Commonwealth Support Places (CSPs). Hosted at universities and higher education providers, CSPs are partially subsidized by the government. They are drawn from existing university allocations in three-year intervals, redistributing between universities to support key health workplace priorities. In 2021, CSPs are also expected to support the development of a rural and regional medical workforce.²²⁵⁵

On 1 November 2019, Minister Tehan announced that 35 higher education and vocational education providers will make 1200 scholarships available to international and domestic students.²²⁵⁶ The AUD93.7 million Destination Australia program now features 84 locations aimed at developing regional tertiary education institutions and offering high-quality learning experiences.²²⁵⁷

²²⁵⁰ Destination Australia open for applications, Australian Government — Department of Education, Skills and Employment (Canberra) 19 August 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/destination-australia-open-applications>

²²⁵¹ Establishment of a University Foreign Interference Taskforce, Australian Government — Department of Education, Skills and Employment (Canberra) 29 August 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/establishment-university-foreign-interference-taskforce>

²²⁵² Establishment of a University Foreign Interference Taskforce, Australian Government — Department of Education, Skills and Employment (Canberra) 29 August 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/establishment-university-foreign-interference-taskforce>

²²⁵³ Stronger Education Partnerships, Australian Government — Department of Education, Skills and Employment (Canberra) 5 September 2019. Access Date: 8 February 2020. <https://www.education.gov.au/news/stronger-education-partnerships>

²²⁵⁴ Stronger Education Partnerships, Australian Government — Department of Education, Skills and Employment (Canberra) 5 September 2019. Access Date: 8 February 2020. <https://www.education.gov.au/news/stronger-education-partnerships>

²²⁵⁵ Redistribution pool of medical places — Discussion Paper, Australian Government — Department of Education, Skills and Employment (Canberra) 23 September 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/redistribution-pool-medical-places-discussion-paper>

²²⁵⁶ Available now: Scholarships to study in regional Australia, Australian Government — Department of Education, Skills and Employment (Canberra) 1 November 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/available-now-scholarships-study-regional-australia>

²²⁵⁷ Available now: Scholarships to study in regional Australia, Australian Government — Department of Education, Skills and Employment (Canberra) 1 November 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/available-now-scholarships-study-regional-australia>

On 7 November 2019, Minister Tehan announced that the government will provide an additional AUD20 million in funding through the Special Circumstances Fund. This funding aims to support non-governmental schools facing financial difficulties during ongoing drought conditions.²²⁵⁸

On 3 December 2019, the AESE launched the new ComparED website, which provides information about Australian higher education institutions for prospective students.²²⁵⁹ This will allow recent secondary school graduates, prospective mature students, and those transitioning from vocational training to compare over 100 institutions.²²⁶⁰

As of 9 January 2020, Minister Tehan is inviting comments on proposed amendments to the Higher Education Support Act 2003. The amendments call for specific language with regards to the freedom of speech, in order to prevent current legal ambiguity from restricting the freedom of expression.²²⁶¹

As of 17 January 2020, the government announced support for bush-fire affected communities. This includes AUD8 million in mental health support for early childhood education and school communities, AUD5 million to expand the Community Child Care Fund and Child Care Subsidy activity test exemption, and an additional AUD400 in payment for children and 1100 scholarships for regional students. The goal of this increased funding is to promote healthy resettlement of affected communities by alleviating financial burdens and supplying support staff.²²⁶²

On 4 February 2020, the government responded to the Senate Select Committee on Red Tape Report with regards to the effects of regulatory barriers on private education. The government reaffirmed its commitment to reducing red tape and regulatory burdens through cooperating with

²²⁵⁸ 2019/20 Drought Relief — funding for non-government schools, Australian Government — Department of Education, Skills and Employment (Canberra) 7 November 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/201920-drought-relief-funding-non-government-schools>

Draft 2020 Higher Education Research Data Collection (HERDC) Specifications released, Australian Government — Department of Education, Skills and Employment (Canberra) 2 October 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/draft-2020-higher-education-research-data-collection-herdc-specifications-released>

²²⁵⁹ ComparED: Making informed decisions about future study options, Australian Government — Department of Education, Skills and Employment (Canberra) 3 December 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/compared-making-informed-decisions-about-future-study-options>

²²⁶⁰ ComparED: Making informed decisions about future study options, Australian Government — Department of Education, Skills and Employment (Canberra) 3 December 2019. Access Date: 8 February 2020.

<https://www.education.gov.au/news/compared-making-informed-decisions-about-future-study-options>

²²⁶¹ Consultation on free speech amendments to the Higher Education Support Act, Australian Government — Department of Education, Skills and Employment (Canberra) 9 January 2020. Access Date: 8 February 2020.

<https://www.education.gov.au/news/consultation-free-speech-amendments-higher-education-support-act>

Report of the Independent Review of Freedom of Speech in Australian Higher Education Providers, Australian Government — Department of Education, Skills and Employment (Canberra) 19 March 2019. Access Date: 25 March 2020. https://docs.education.gov.au/system/files/doc/other/report_of_the_independent_review_of_freedom_of_speech_in_australian_higher_education_providers_march_2019.pdf

²²⁶² Support for bushfire-affected communities, Australian Government — Department of Education, Skills and Employment (Canberra) 17 January 2019. Access Date: 8 February 2020. <https://education.govcms.gov.au/support-bushfire-affected-communities#MentalHealth>

Support for bushfire-affected families, Australian Government — Department of Education, Skills and Employment (Canberra) 17 January 2020. Access Date: 8 February 2020. <https://www.education.gov.au/news/support-bushfire-affected-families>

state and territorial governments to deliver national policies and programs under Australia's Deregulation Agenda.²²⁶³

On 24 February 2020, the Higher Education Panel invited stakeholder comments on a consultation paper regarding draft amendments to the Higher Education Standards Framework (2015). The amendments addressed efforts to improve the functionality of the Tertiary Education Quality and Standard Agency and clarify the categories of providers in Australia's higher education sector.²²⁶⁴

As of 27 February 2020, the government hired the Centre for Program Evaluation at the University of Melbourne Graduate School of Education to prepare the Teaching Practice Evaluation Framework. The framework provides guidance for the implementation of teacher evaluation systems to promote professional development in schools.²²⁶⁵

On 19 March 2020, the AESE hosted a free webcast to inform childcare providers and services of support mechanisms to assist the early childhood education sector in managing the impacts of COVID-19.²²⁶⁶

Through its efforts to provide Australians with quality education, long-term strategies for vocational improvement, and accessible schooling for hard-to-reach demographics, Australia fully complied with this commitment by investing in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development.

Thus, Australia receives a score of +1.

Analyst: Harris Johnston

Brazil: 0

Brazil has partially complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 11 July 2019, the Ministry of Education released its National Commitment for Basic Education initiative.²²⁶⁷ As a part of this initiative, the Ministry of Education plans to open more than 4,000

²²⁶³ Australian Government Response to the Senate Select Committee on Red Tape Report, Australian Government — Department of Education, Skills and Employment (Canberra) 4 February 2020. Access Date: 25 March 2020. <https://education.govcms.gov.au/news/australian-government-response-senate-select-committee-red-tape-report>

Departmental Document, Australian Government response to the Red Tape Committee report: Effect of red tape on private education, Australian Government — Department of Education, Skills and Employment (Canberra) 4 February 2020. Access Date: 25 March 2020. <https://docs-edu.govcms.gov.au/node/53245>

²²⁶⁴ Consultation on Amendments to the Higher Education Standards Framework Provider Category Standards, Australian Government — Department of Education, Skills and Employment (Canberra) 24 February 2020. Access Date: 25 March 2020. <https://education.govcms.gov.au/news/consultation-amendments-higher-education-standards-framework-provider-category-standards>

²²⁶⁵ Teaching Practice Evaluation Framework, Australian Government — Department of Education, Skills and Employment (Canberra) 27 February 2020. Access Date: 25 March 2020.

<https://education.govcms.gov.au/news/teaching-practice-evaluation-framework>

²²⁶⁶ Watch our webcast for childcare providers and services about the support available to help manage the impacts of COVID-19, Australian Government — Department of Education, Skills and Employment (Canberra) 18 March 2020. Access Date: 25 March 2020. <https://education.govcms.gov.au/news/watch-our-webcast-child-care-providers-and-services-about-support-available-help-manage-impacts>

²²⁶⁷ Brazil to have 108 Civic-Military Schools Implemented by 2023, Agência Brasil (Brasília) 11 July 2019. Access Date: 20 December 2019. <http://agenciabrasil.ebc.com.br/en/educacao/noticia/2019-07/brazil-have-108-civic-military-schools-implemented-2023>

nursery schools by 2022, improve internet accessibility in 6,500 schools in rural areas, and open 108 civic-military schools by 2023. This initiative further aims at strengthening primary education in Brazil, defined as all grades up to high school.²²⁶⁸

Brazil complied with two of the three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. It has supported quality basic education to achieve sustainable development and inclusive growth, and further provided quality education to those in hard-to-reach or marginalized communities. However, Brazil has not complied with the second pillar of the G20 Initiative, as Brazil has not demonstrated any action in support of education for creating innovation.

Thus, Brazil receives a score of 0.

Analyst: Isabelle Buchanan

Canada: +1

Canada has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 31 July 2019, the government announced a CAD400 million commitment to women and girls' education in fragile, conflict and crisis situations, in support of the G7 Charlevoix Declaration on Quality Education for Girls, Adolescent Girls and Women in Developing Countries.²²⁶⁹

On 12 August 2019, Parliamentary Secretary to the Minister of Families, Children and Social Development Adam Vaughan and the Minister of Immigration, Refugees and Citizenship Honourable Ahmed Hussen announced that seven early learning and child care innovation projects in the Greater Toronto Area are receiving approximately CAD1.8 million in funding. This funding will support innovative projects in early childhood education.²²⁷⁰

On 16 August 2019, Minister of International Development and Minister for Women and Gender Equality Maryam Monsef announced that the government is investing in four projects to engage men and boys in gender equality.²²⁷¹ Alberta Council of Women's Shelters will receive CAD212,000 to promote sports figures as role models and increase awareness of gender-based violence and healthy masculinity. Catalyst Canada will receive CAD100,000 to promote workplace inclusion and support men as disrupters of sexism in the workplace. FOXY, a non-profit organization that focuses on sexual health and empowered decision-making, will receive CAD125,000 to engage indigenous youth, particularly young men and boys, on gender equality in the Northwest Territories. Next Gen Men

²²⁶⁸ Brazil to have 108 Civiv-Military Schools Implemented by 2023, Agência Brasil (Brasilia) 11 July 2019. Access Date: 20 December 2019. <http://agenciabrasil.ebc.com.br/en/educacao/noticia/2019-07/brazil-have-108-civic-military-schools-implemented-2023>

²²⁶⁹ Canada announces support to improve access to quality education for women and girls in fragile, conflict and crisis situations, Global Affairs Canada (Ottawa) 16 July 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/global-affairs/news/2019/07/canada-announces-support-to-improve-access-to-quality-education-for-women-and-girls-in-fragile-conflict-and-crisis-situations.html>

²²⁷⁰ Seven new Government of Canada projects will support innovative practices in early learning and childcare in the Greater Toronto Area, Employment and Social Development Canada (Toronto) 12 August 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/employment-social-development/news/2019/08/seven-new-government-of-canada-projects-will-support-innovative-practices-in-early-learning-and-child-care-in-the-greater-toronto-area.html>

²²⁷¹ The Government of Canada invests in engaging men and boys in gender equality, Women and Gender Equality Canada (Calgary) 16 August 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/status-women/news/2019/08/the-government-of-canada-invests-in-engaging-men-and-boys-in-gender-equality.html>

and the University of Calgary will receive CAD125,000 to build networks and spaces for pro-feminist male leaders.²²⁷²

On 20 August 2019, Minister of International Development and Minister for Women and Gender Equality Maryam Monsef announced that the government will invest CAD2 million in indigenous-led initiatives to engage indigenous youth on gender equality and build a more inclusive society by sharing ideas on how to advance gender equality.²²⁷³

On 26 August 2019, Prime Minister Justin Trudeau announced a CAD9 million investment to support the Incubator Network, which will generate sustainable jobs in India, Indonesia, the Philippines, Thailand, and Vietnam. The employment opportunities will focus on waste management, particularly for women and marginalized populations, and support local governments, community organizations and the private sector.²²⁷⁴

On 26 August 2019, Prime Minister Trudeau announced a CAD30 million investment to establish a new School Feeding Programme for children and adolescents to increase attendance at the primary and secondary school levels. This investment will further improve learning conditions in displacement settings and address barriers to education and adequate nutrition faced by adolescent girls.²²⁷⁵

On 26 August 2019, Prime Minister Trudeau announced a CAD2 million investment to the Interagency Network on Education in Emergencies (INEE), an open global network of UN agencies, NGOs, donors, governments, universities, schools, and affected populations working together to ensure that all persons have the right to quality education in emergency situations and during post-crisis recovery.²²⁷⁶

On 26 August 2019, Prime Minister Trudeau announced a CAD9.5 million investment to Empowering Adolescent Girls to Learn and Earn (EAGLE) — Mozambique project. This funding will expand basic literacy, numeracy and skills development for 3,000 vulnerable, out-of-school adolescent girls, including adolescent mothers and those with disabilities or HIV/AIDS.²²⁷⁷

On 26 August 2019, Prime Minister Trudeau announced a CAD7 million investment to promote girls' rights to education by reducing gender disparities in schools and in family environments. The project will also offer innovative solutions in education to address vulnerabilities in Niger. This project will directly benefit up to 100,000 school-aged girls between seven to eighteen years old.²²⁷⁸

²²⁷² The Government of Canada invests in engaging men and boys in gender equality, Women and Gender Equality Canada (Calgary) 16 August 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/status-women/news/2019/08/the-government-of-canada-invests-in-engaging-men-and-boys-in-gender-equality.html>

²²⁷³ Government of Canada invests in Indigenous-led solutions for gender equality amongst youth, Women and Gender Equality Canada (Ottawa) 20 August 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/status-women/news/2019/08/government-of-canada-invests-in-indigenous-led-solutions-for-gender-equality-amongst-youth.html>

²²⁷⁴ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁷⁵ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁷⁶ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁷⁷ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁷⁸ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

On 26 August 2019, Prime Minister Trudeau announced a CAD8.2 million investment in School Reintegration for Child Survivors of Sexual and Gender-Based Violence (SGBV) in the provinces of South and North Kivu in the Democratic Republic of Congo (DRC). This funding will support the reintegration of child survivors of SGBV into a safer school system in conflict-affected and marginalized communities in North and South Kivu²²⁷⁹. More than 14,000 girls and 14,000 boys aged 6 to 16, including 720 female and 180 male survivors of SGBV, will directly benefit from the project.²²⁸⁰

On 26 August 2019, Prime Minister Trudeau announced a CAD10 million investment in the Equal Access to Education project in Cameroon. This project will promote educational inclusion for girls and children aged 4-15, in particular those who have disabilities and those who live in regions affected by humanitarian crises in the Far North, Littoral and West regions of Cameroon. The project will focus on girls who are refugees, returnees and internally displaced persons.²²⁸¹

On 26 August 2019, Prime Minister Trudeau announced a CAD14 million investment in the project Strengthen the Right of Girls to Complete Safe and Timely Schooling in Burkina Faso. The project aims to ensure the right of girls and boys aged 6 to 16 to obtain a safe and gender-sensitive education. The project is specifically targeted at addressing the urgent and growing needs of children in areas of Burkina Faso where security is compromised.²²⁸²

On 26 August 2019, Prime Minister Trudeau announced a CAD7 million investment in the project Equality for Girls' Access to Education in the Democratic Republic of Congo. This funding strives to reduce barriers that prevent girls from attending school, further emphasizing the importance of quality and gender-responsive formal and non-formal education services in the provinces of North Kivu and Kasai.²²⁸³

On 26 August 2019, Prime Minister Trudeau announced a CAD11 million investment in the project Improving Learning Transitions and Retention for Girls' Empowerment in Rural and Remote Areas of Somalia. This funding will improve access to quality education for up to 25,000 marginalized young girls aged 10-19, including sedentary and nomadic girls, girls with disabilities, and children affected by conflict and violence.²²⁸⁴

On 26 August 2019, Prime Minister Trudeau announced a CAD20.3 million investment to the project Improving Adolescent Girls Inclusive Education: Mali, which will promote the right to inclusive, quality and gender-responsive education for 90,000 adolescent girls in 11 communities in Segou and Mopti's conflict-affected regions. This initiative will be implemented by Plan International Canada in partnership with World Vision Canada and Save the Children Canada.²²⁸⁵

²²⁷⁹ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁰ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸¹ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸² Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸³ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁴ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁵ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

On 26 August 2019, Prime Minister Trudeau announced a CAD9.2 million investment in the project Educating Vulnerable and Hard to Reach girls and adolescent girls in northeastern Nigeria. This project will have a specific focus on conflict-affected states in northeastern Nigeria, including Yobe, Adamawa, and parts of Borno. The project will aim to improve the basic skills of girls and women affected by conflict and enhance their ability to earn an independent income.²²⁸⁶

On 26 August 2019, Prime Minister Trudeau announced a CAD8.5 million investment in the project Community Based Education in South Sudan, an initiative that will improve access to education and learning opportunities for 9,900 marginalized and vulnerable out of school children. With an emphasis on girls this project will increase access to schooling by establishing 300 non-formal schools and offering quality primary education.²²⁸⁷

On 26 August 2019, Prime Minister Trudeau announced a CAD5 million investment in the Global Partnership to End Violence against Children. This project will work with UNICEF to support activities in five African countries and focus on addressing violence as a barrier to girls' education.²²⁸⁸

On 26 August 2019, Prime Minister Trudeau announced a CAD5 million investment in UNdaunted — Educating Girls with Disabilities in Somalia. This project will use Canada's investment to leverage additional funding from Canadian philanthropists and subsequently invest in removing barriers to girls' education. The project seeks to benefit 22,500 adolescent girls in Somalia.²²⁸⁹

On 26 August 2019, Prime Minister Trudeau announced a CAD4 million investment in Inclusive Education for Palestinian Children with Disabilities — West Bank and Gaza. This project promotes educational inclusion and the access of girls and boys with disabilities in the West Bank and Gaza to gender and disability-responsive education.²²⁹⁰

On 26 August 2019, Prime Minister Trudeau announced a CAD10 million investment in SALALEM: Prosperity and Advancement for Palestinian Women and Youth — West Bank and Gaza. This project serves to improve the learning outcomes of young women and youth with disabilities in the West Bank and Gaza. The project will result in improved learning for work skills and job readiness, and further reduce barriers to workforce entry.²²⁹¹

On 26 August 2019, Prime Minister Trudeau announced a CAD10 million investment in the project Gender-Responsive and Inclusive Technical and Vocational Education and Training in the West Bank, which aims to provide improved and equitable learning and employment outcomes for women and girls, especially women with disabilities in the West Bank.²²⁹²

²²⁸⁶ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁷ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁸ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁸⁹ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁹⁰ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁹¹ Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

²²⁹² Creating a better future, Justin Trudeau, Prime Minister of Canada (Biarritz) 26 August 2019. Access Date: 4 February 2020. <https://pm.gc.ca/en/news/backgrounder/2019/08/26/creating-better-future>

On 26 August 2019, at the G7 Biarritz Summit in France, Canada and its G7 counterparts pledged to tackle “inequality in developing countries through gender-responsive education and quality technical and vocational education and training.”²²⁹³

On 29 August 2019, Minister of International Development and Minister for Women and Gender Equality Maryam Monsef announced an investment of up to CAD1.5 million to address resource gaps in post-secondary institutions and enhance the prevention and response to gender-based violence on university campuses.²²⁹⁴

On 9 December 2019, Minister of International Development Karina Gould announced funding of up to CAD21 million over the next five years in support of a gender-sensitive approach to women’s reproductive health services in Pakistan. The Healthy Families Pakistan initiative, led by the UN Population Fund in partnership with the Aga Khan Development Network, will provide women and adolescent girls with safe and accessible family planning resources.²²⁹⁵

On 17 January 2020, Global Affairs Canada announced a CAD991,699 investment in the Peace and Stabilization Operations Program. This program is implemented by Search For Common Ground. It aims to reduce the spread of Ebola in the conflict-affected region of Nord-Kivu in the Democratic Republic of Congo by encouraging positive communication between local actors fighting the virus, namely including police officers and vulnerable populations.²²⁹⁶

On 17 January 2020, Global Affairs Canada announced multiple Canada-Africa projects. The projects include a CAD18 million investment in the Mozambican Rural Women’s and Girls’ Participatory Economic Empowerment, which aims to improve rural women’s and girls’ economic empowerment in Mozambique. A CAD15 million investment will be provided to the project Combat Absenteeism and Barriers to Education, which will help Mozambique combat absenteeism and barriers to education, particularly with regards to girls. CAD10 million will be provided to the project Action for Girls and Young Women’s Sexual and Reproductive Health and Rights in Mozambique, which aims to improve gender equality by promoting adolescent girls and young women’s sexual and reproductive health and rights. Furthermore, CAD250,000 will be invested in the project Advancing Sexual and Reproductive Health in Cabo Delgado, which seeks to advance sexual and reproductive health. CAD250,000 will be disbursed to the project Mozambique Recovery Facility, in an effort to help the government of Mozambique’s Office for Post-Cyclone Idai Reconstruction, specifically with regards to recovery planning and coordination of reconstruction efforts. CAD250,000 will be invested in the project Reducing Mozambique’s High Trade Costs, which helps to identify the causes of high trade costs and an unfavourable trade environment. Lastly, a CAD50,000 investment will be

²²⁹³ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019.

Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²²⁹⁴ Government of Canada supports framework to end gender-based violence at post-secondary institutions, Women and Gender Equality Canada (Toronto) 29 August 2019. Access Date: 4 February 2020.

<https://www.canada.ca/en/status-women/news/2019/08/government-of-canada-supports-framework-to-end-gender-based-violence-at-post-secondary-institutions.html>

²²⁹⁵ Minister Gould announces new support for women’s reproductive health services in Pakistan, Global Affairs Canada (Ottawa) 9 December 2019. Access Date: 4 February 2020. <https://www.canada.ca/en/global-affairs/news/2019/12/minister-gould-announces-new-support-for-womens-reproductive-health-services-in-pakistan.html>

²²⁹⁶ Canada announces funding to provide humanitarian assistance to flood-affected people in the Republic of Congo and to fight Ebola and other crises in the Democratic Republic of Congo, Global Affairs Canada (Brazzaville) 17 January 2020. Access Date: 4 February 2020. <https://www.canada.ca/en/global-affairs/news/2020/01/canada-announces-funding-to-provide-humanitarian-assistance-to-flood-affected-people-in-the-republic-of-congo-and-to-fight-ebola-and-other-crises-i.html>

provided to the project Supporting Gender Integration into Policy Planning at the Sudanese Ministry of Labour and Social Welfare, which will support gender integration in policy planning.²²⁹⁷

Canada fully complied with its commitment by investing in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Canada invested in quality education for achieving sustainable development and inclusive growth by enhancing early childhood and basic education around the world. In the second pillar, education for creating innovation, Canada contributed to vocational and skill-based training and innovation through private sector collaboration. Lastly, in the third pillar of education for resilient and inclusive future, Canada emphasized educational accessibility for marginalized populations such as refugees, women and girls, hard-to-reach demographics, populations affected by ongoing conflict, and individuals with disabilities.

Thus, Canada receives a score of +1.

Analyst: Dmitrij Frolovskij

China: +1

China has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 8 July 2019, the Communist Party Central Committee and the State Council published new guidelines to advance education reform and improve compulsory education. The guidelines aim to foster the development of well-rounded moral, intellectual, physical and aesthetic grounding. Schools are encouraged to integrate more technology in classroom learnings, especially in rural and remote areas where more free and high-quality educational resources are needed. The guidelines also highlight the importance of having "high-quality and professional" teaching personnel, thus proposing more training for teachers and improved salaries and benefits.²²⁹⁸

On 9 July 2019, the Ministry of Education introduced a plan to promote labor education, ranging from household chores to community service, in primary and secondary schools and colleges. Fuzhi Zheng, Vice-Minister of Education, emphasized the need to increase labor education and practical opportunities for students to learn about subjects such as agriculture, production and business.²²⁹⁹

On 10 July 2019, the Ministry of Education announced new guidelines aimed at reducing excessive workloads for primary and middle school students. Rather than focusing on grades, the new and more comprehensive evaluation system will assess schools based on high-quality and professional teaching.²³⁰⁰

²²⁹⁷ Canada-Africa project announcements, Global Affairs Canada (Ottawa) 17 January 2020. Access Date: 4 February 2020. <https://www.canada.ca/en/global-affairs/news/2020/01/canada-africa-project-announcements.html>

²²⁹⁸ China issues new guideline to improve compulsory education, State Council of the People's Republic of China (Beijing) 8 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/policies/latestreleases/201907/08/content_WS5d233d2ac6d03ce67879a083.html

²²⁹⁹ China to promote labor education in schools, State Council of the People's Republic of China (Beijing) 9 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/statecouncil/ministries/201907/09/content_WS5d248a83c6d03ce67879a28e.html

²³⁰⁰ Schools urged to cut burden of student work, State Council of the People's Republic of China (Beijing) 10 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/policies/policywatch/201907/10/content_WS5d257943c6d03ce67879a2c2.html

On 17 July 2019, the Ministry of Education approved name changes for 15 higher vocational schools to universities. This initiative strives to cultivate professional skills and encourage employment by placing emphasis on vocational education.²³⁰¹

On 17 July 2019, the Ministry of Education, the National Development and Reform Commission and the Ministry of Finance jointly issued a document aimed at eliminating “super-sized” classes by the end of 2020, defined as classes that accommodate more than 66 primary or middle school students. This document requires local authorities to set up small rural schools and boarding schools in towns and townships, and further improve the conditions of these schools by building dining halls and sports venues. Where possible, rural schools should also make efforts to integrate technology into learning.²³⁰²

On 29 July 2019, Premier Li Keqiang presented reforms and developments in elementary education, specifically highlighting the importance of distributing education resources and greater support to poverty-stricken areas. Premier Li also spoke about the multi-pronged measures that will be taken to improve preschool education and emphasize kindergarten enrollment. Security precautions will be taken on school campuses to create a safe environment for students and ease parents’ concerns.²³⁰³

On 19 September 2019, the State Council Information Office released a white paper entitled “Equality, Development and Sharing: Progress of Women’s Cause in 70 Years Since New China’s Founding.” According to the paper, China promulgated laws and regulations to protect women’s economic rights and interests in the workforce.²³⁰⁴

On 10 October 2019, the Ministry of Education announced plans to promote innovation and entrepreneurship education through building demonstration zones at colleges and universities. The Central Finance Department designated RMB880 million to build these zones, and to date, demonstration bases have been set up in 19 colleges and universities.²³⁰⁵

On 12 October 2019, the Ministry of Education issued guidelines to propose four areas for reform: the management of education and teaching, systems of education and teaching, teaching personnel and organizational guarantee. The guidelines called for the development of “Internet Plus Education” and “smart” education to reform university classroom teaching and improve the quality of the courses. The guidelines also requested that universities improve appraisal systems to punish academic misconduct and improve standards for degree conferral. To strictly control examinations

²³⁰¹ 15 higher vocational schools graduate to university status, State Council of the People’s Republic of China (Beijing) 17 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/statecouncil/ministries/201907/17/content_WS5d2eb2afc6d00d362f66856b.html

²³⁰² China to reduce oversized classes to improve education, State Council of the People’s Republic of China (Beijing) 17 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/statecouncil/ministries/201907/17/content_WS5d36a400c6d00d362f668b85.html

²³⁰³ Premier Li calls for high-quality, fair elementary education, State Council of the People’s Republic of China (Beijing) 29 July 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/premier/news/201907/29/content_WS5d3efa67c6d0c6695ff7ddcd.html

²³⁰⁴ China publishes white paper on progress of women’s cause in 70 years, State Council of the People’s Republic of China (Beijing) 19 September 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/news/topnews/201909/19/content_WS5d83338ac6d0bcf8c4c13aed.html

²³⁰⁵ Chinese colleges have 28,000 teachers for innovation, entrepreneurship, State Council of the People’s Republic of China (Beijing) 10 October 2019. Access Date: 14 March 2020.

http://english.www.gov.cn/statecouncil/ministries/201910/10/content_WS5d9f3857c6d0bcf8c4c14dbc.html

and graduation, the guidelines called for efforts to improve the country's academic assessment system by combining process-oriented and result-oriented assessments.²³⁰⁶

On 22 October 2019, the State Council Leading Group Office of Poverty Alleviation and Development introduced new policies to support individuals living with disabilities and in poverty. The new policies will focus on compulsory education, basic medical care, housing security and safe drinking water.²³⁰⁷

On 16 January 2020, Vice-Premier Sun Chunlan spoke about further reforms of vocational education and the need to optimize skilled talent. Reform measures will include building a team of teachers for vocational training, improving their eligibility certification and management, and hiring teachers from companies.²³⁰⁸

On 19 February 2020, the Communist Party of China Central Committee and the State Council published new guidelines reforming the educational supervision and guidance system. The guidelines call for new ways of overseeing local governments in their educational responsibilities and the performance of existing schools.²³⁰⁹

China fully complied with its commitment to invest in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. China enhanced the quality assurance of teachers, invested in vocational and skill-based training in innovation and entrepreneurship, and highlighted the educational accessibility of individuals with disabilities and in hard-to-reach regions.

Thus, China receives a score of +1.

Analyst: Coco Yang

France: +1

France has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 July 2019, the Ministry of National Education and Youth introduced "Loi pour l'École de la Confiance" (law for a school of trust). This bill aims to guarantee the mastery of foundational knowledge for all students by lowering the age of compulsory education to three years. The bill also establishes a new body to evaluate schools and improve the management of teachers with additional training.²³¹⁰

²³⁰⁶ China issues guideline to deepen reform on undergraduate education, State Council of the People's Republic of China (Beijing) 12 October 2019. Access Date: 14 March 2020.
http://english.www.gov.cn/statecouncil/ministries/201910/12/content_WS5da1bb01c6d0bcf8c4c14f85.html

²³⁰⁷ Better support for severely disabled poor people, State Council of the People's Republic of China (Beijing) 22 October 2019. Access Date: 14 March 2020.
http://english.www.gov.cn/statecouncil/ministries/201910/22/content_WS5dae38d9c6d0bcf8c4c1582c.html

²³⁰⁸ Vice-premier stresses deepening vocational education reform, State Council of the People's Republic of China (Beijing) 16 January 2020. Access Date: 14 March 2020.
http://english.www.gov.cn/statecouncil/sunchunlan/202001/16/content_WS5e1f99fac6d0891feec0248f.html

²³⁰⁹ China issues guideline for enhancing educational supervision, guidance, State Council of the People's Republic of China (Beijing) 19 February 2020. Access Date: 14 March 2020.
http://english.www.gov.cn/policies/latestreleases/202002/19/content_WS5e4d35c6c6d0595e03c21122.html

²³¹⁰ National Reforms in School Education — Law for a school of trust, Eurydice — European Commission (Paris) 26 July 2019. Access Date: 16 March 2020. https://eacea.ec.europa.eu/national-policies/eurydice/content/national-reforms-school-education-23_en

On 26 August 2019, at the G7 Biarritz Summit, France and its G7 counterparts pledged to tackle “inequality in developing countries through gender-responsive education and quality technical and vocational education and training.”²³¹¹

On 30 August 2019, the Ministry of National Education and Youth and Ministry of Higher Education, Research and Innovation introduced “Cadre de référence des compétences numériques,” also known as CRCN — the framework for digital skills. This system creates a reference for levels of digital skill mastery and issues certification and assessment through the Pix platform.²³¹²

France fully complied with its commitment to invest in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, France invested in training teachers, enhancing vocational and skill-based educational resources for innovation, and committed to gender-responsive education.

Thus, France receives a score of +1.

Analyst: Coco Yang

Germany: +1

Germany has fully complied with its commitment to reaffirm the G20’s commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 August 2019, at the G7 Biarritz Summit, Germany and its G7 counterparts pledged to tackle “inequality in developing countries through gender-responsive education and quality technical and vocational education and training.”²³¹³

On 18 September 2019, the German Development Bank financially supported the launch of a high-tech vocational training centre in Sri Lanka.²³¹⁴

On 1 November 2019, Germany and India signed a joint declaration of intent to cooperate in the field of vocational education.²³¹⁵

On 1 November 2019, Germany and India signed an “addendum to the memorandum of understanding” on cooperation in the field of higher education.²³¹⁶

²³¹¹ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019.

Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²³¹² National Reforms related to Transversal Skills & Employability, Cadre de référence des compétences numériques, Eurydice — European Commission (Paris) 30 August 2019. Access Date: 16 March 2020.

https://eacea.ec.europa.eu/national-policies/eurydice/content/national-reforms-related-transversal-skills-and-employability-23_en

²³¹³ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019.

Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²³¹⁴ US\$7.6m hi-tech training centre set up in Kilinochchi, Daily News (Colombo) 21 September 2019. Access Date: 7 February 2020. <https://www.dailynews.lk/2019/09/21/local/197560/us-76-m-hi-tech-training-centre-set-kilinochchi>

²³¹⁵ India, Germany ink deal for cooperation in skills development, vocational education, Outlook India (New Delhi) 1 November 2019. Access Date: 7 February 2020. <https://www.outlookindia.com/newsscroll/india-germany-ink-deal-for-cooperation-in-skills-development-vocational-education/1653139>

²³¹⁶ India, Germany ink deal for cooperation in skills development, vocational education, Outlook India (New Delhi) 1 November 2019. Access Date: 7 February 2020. <https://www.outlookindia.com/newsscroll/india-germany-ink-deal-for-cooperation-in-skills-development-vocational-education/1653139>

On 19 November 2019, Germany and Egypt signed five agreements to invest in vocational education.²³¹⁷ The agreements include provisions on training teachers and upgrading vocational schools at the expense of EUR10 million.²³¹⁸

On 24 November 2019, the German Development Bank signed an agreement with the Jordanian Ministry of Planning and International Cooperation, pledging EUR20 million to a program that promotes technical and vocational training in Jordan.²³¹⁹ This funding will build a college for technical training and aims to develop high quality vocational and education training programs that align with the demands of Jordan's labour market.²³²⁰

On 6 February 2020, Chancellor Angela Merkel signed a joint initiative with South African President Cyril Ramaphosa to promote vocational training in South Africa.²³²¹

On 24 February 2020, Preisdent Frank-Walter Steinmeier announced that Germany will cooperate with Kenya in vocational and higher education, in order to "promote youth employment and transform the manufacturing and agricultural sectors, as well as the blue economy through technical and vocational education training."²³²²

Germany fully complied with this commitment by investing in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, Germany has contributed to quality assurance in teacher training, financially supported vocational programs in developing countries, and pledged to tackle gender inequality through education.

Thus, Germany receives a score of +1.

Analyst: Layal Hallal

India: +1

India has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

²³¹⁷ Egypt, Germany sign agreements worth 330 mln euros on renewable energy, vocational training, Al-Ahram (Cairo) 19 November 2019. Access Date 7 February 2020. <http://english.ahram.org.eg/NewsContent/3/12/356238/Business/Economy/Egypt,-Germany-sign-agreements-worth--mln-euros-on.aspx>

²³¹⁸ Egypt, Germany sign agreements worth 330 mln euros on renewable energy, vocational training, Al-Ahram (Cairo) 19 November 2019. Access Date 7 February 2020. <http://english.ahram.org.eg/NewsContent/3/12/356238/Business/Economy/Egypt,-Germany-sign-agreements-worth--mln-euros-on.aspx>

²³¹⁹ Germany grants 20m euros to fund vocational training in Kingdom, The Jordan Times (Amman) 24 November 2019. Access Date: 7 February 2020. <https://jordantimes.com/news/local/germany-grants-20m-euros-fund-vocational-training-kingdom>

²³²⁰ Germany grants 20m euros to fund vocational training in Kingdom, The Jordan Times (Amman) 24 November 2019. Access Date: 7 February 2020. <https://jordantimes.com/news/local/germany-grants-20m-euros-fund-vocational-training-kingdom>

²³²¹ Merkel in SA: Ramaphosa calls for Germany to help in tackling jobs, power challenges, IOL News (Cape Town) 6 February 2020. Access Date: 7 February 2020. <https://www.iol.co.za/news/politics/merkel-in-sa-ramaphosa-calls-for-germany-to-help-in-tackling-jobs-power-challenges-42223992>

²³²² Kenya, Germany to partner in vocational training, The Star (Nairobi) 24 February 2020. Access Date: 24 March 2020. <https://www.the-star.co.ke/news/2020-02-24-kenya-germany-to-partner-in-vocational-training/>

On 28 June 2019, the Ministry of Human Resource Development launched a five-year vision plan entitled “Education Quality Upgradation and Inclusion Programme.” This plan endeavors to upgrade higher education and enhance quality assurance.²³²³

On 5 July 2019, the Union budget allocated IND4 billion to building higher education institutions. The budget also launched the Study in India program to attract foreign students and invite direct investment.²³²⁴

On 21 August 2019, the Human Resource Development Ministry launched a teacher’s training program that aims to train 42 million teachers through online platforms, including a training website with online modules and a mobile app.²³²⁵

On 28 August 2019, Union Human Resource Development Minister Ramesh Pokhriyal Nishank launched an education portal entitled “Shagun,” which links approximately 15 million schools across India.²³²⁶ Shagun increases the transparency of the education system by providing online information and allowing the public to provide direct feedback. Minister Nishank also announced the creation of the integrated National School Education Treasury, which strives to serve as a fully integrated and instantly accessible information network for all parameters relating to students, teachers, and schools in the country.²³²⁷

On 4 October 2019, Minister Nishank launched an initiative entitled the “Pradhan Mantri Innovative Learning Programme.”²³²⁸ The program is a platform to support students in science, technology, engineering and mathematics (STEM) and the performing arts. The program sponsored 60 students to help them foster “future-ready” skills and confront challenges such as climate change, pollution, and terrorism.²³²⁹

On 1 February 2020, the Union Budget 2020 announced the allocation of an additional IRS4.5 million to the education sector to implement a New Education Policy.^{2330,2331}

²³²³ Five-year vision plan 'Education Quality Upgradation and Inclusion Programme (EQUIP)' finalised and released by HRD Ministry, Press Information Bureau, Government of India, Ministry of Human Resource Development (New Delhi) 28 June 2019. Access Date: 8 February 2020. <https://pib.gov.in/newsite/PrintRelease.aspx?relid=190979>

²³²⁴ Modi's government just presented India's new budget. Here are the highlights, CNBC (Englewood Cliffs) 5 July 2019. Access Date: 8 February 2020. <https://www.cnbc.com/2019/07/05/india-budget-agriculture-infrastructure-investments-fiscal-deficit.html>

²³²⁵ HRD Ministry launches NISHTHA, world's biggest teacher training program, Hindustan Times (New Delhi) 21 August 2019. Access Date: 6 February 2020. <https://www.hindustantimes.com/education/hrd-ministry-launches-nishtaha-world-s-biggest-teacher-training-program/story-vLjf4Se3K0OtowOOp1ZRRM.html>

²³²⁶ HRD Minister launches education portal 'Shagun' which links over 15 lakh schools across India, Hindustan Times (New Delhi) 28 August 2019. Access Date: 6 February 2020. <https://www.hindustantimes.com/education/hrd-minister-launches-education-portal-shagun-which-links-over-15-lakh-schools/story-yMCDTqPInxnfBZHuz6FuaL.html>

²³²⁷ HRD Minister launches education portal 'Shagun' which links over 15 lakh schools across India, Hindustan Times (New Delhi) 28 August 2019. Access Date: 6 February 2020. <https://www.hindustantimes.com/education/hrd-minister-launches-education-portal-shagun-which-links-over-15-lakh-schools/story-yMCDTqPInxnfBZHuz6FuaL.html>

²³²⁸ Union HRD minister launches innovative learning programme for students, The Economic Times (Bengaluru) 10 October 2019. Access Date: 6 February 2020. <https://economictimes.indiatimes.com/industry/services/education/union-hrd-minister-launches-innovative-learning-programme-for-students/articleshow/71524303.cms>

²³²⁹ Union HRD minister launches innovative learning programme for students, The Economic Times (Bengaluru) 10 October 2019. Access Date: 6 February 2020. <https://economictimes.indiatimes.com/industry/services/education/union-hrd-minister-launches-innovative-learning-programme-for-students/articleshow/71524303.cms>

²³³⁰ Union Budget: FM allocates Rs 99,300 crore for education sector in FY21, to bring new policy soon, The Economic Times (New Delhi) 1 February 2020. Access Date: 6 February 2020. <http://timesofindia.indiatimes.com/articleshow/73833519.cms>

On 14 February 2020, the Ministries of Women and Child Development and Skill Development and Entrepreneurship announced the “Skill India Mission.” Union Minister for Skill Development and Entrepreneurship Mahendra Nath Pandey announced that this initiative is a dedicated intervention to make the overall skills ecosystem more responsive and friendly to female participants in the work force. This initiative will help the country harness its advantage in human capital by enabling jobs and entrepreneurial opportunities for future generations.²³³²

India fully complied with this commitment to reaffirm its investment in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. India’s initiatives targeted diverse groups of stakeholders including teachers, addressed educational accessibility for marginalized communities such as girls and youth, and invested in skill-based development in STEM disciplines and entrepreneurship.

Thus, India receives a score +1.

Analyst: Anushka Kurian

Indonesia: +1

Indonesia has fully complied with its commitment to reaffirm the G20’s commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 20 September 2019, the government created a joint working group with the government of France to increase overall cooperation in vocational education and early childhood education.²³³³ The joint working group will oversee the exchange of technology, technology teaching for teachers and students, and exchange of students and educators between the two countries.²³³⁴

On 25 September 2019, the Ministry of Education and Culture (MEC) created the Secretariat for the Acceleration of Papua and West Papua Educational Development to accelerate the improvement and even distribution of quality education among the provinces.²³³⁵ The MEC will coordinate district and city governments as manager of basic education, early childhood education, and non-formal education, and further cooperate with agencies outside the Ministry of Education.²³³⁶

²³³¹ Budget 2020: Indian education sector will now get students and funds from foreign lands, Business Insider (New Delhi) 1 February 2020. Access Date: 6 February 2020. <https://www.businessinsider.in/budget/news/new-education-schemes-reforms-policies-in-budget-2020/articleshow/73836166.cms>

²³³² WCD and Skill Development Ministries Partner to empower women entrepreneurs, Indus Dictum (New Delhi) 14 February 2020. Access Date: 6 March 2020. <https://indusdictum.com/2020/02/14/wcd-ministry-partners-with-ministry-of-skill-development-to-empower-women-entrepreneurs/#main>

²³³³ Indonesia-France Strengthen Cooperation in Education Sector, Ministry of Education and Culture (Jakarta) 20 September 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/09/indonesiaprancis-perkuat-kerja-sama-bidang-pendidikan>

²³³⁴ Indonesia-France Strengthen Cooperation in Education Sector, Ministry of Education and Culture (Jakarta) 20 September 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/09/indonesiaprancis-perkuat-kerja-sama-bidang-pendidikan>

²³³⁵ Ministry of Education and Culture Accelerates Educational Development in Papua and West Papua, Ministry of Education and Culture (Jayapura) 23 September 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/09/kemendikbud-percepat-pembangunan-pendidikan-papua-dan-papua-barat>

²³³⁶ Ministry of Education and Culture Accelerates Educational Development in Papua and West Papua, Ministry of Education and Culture (Jayapura) 23 September 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/09/kemendikbud-percepat-pembangunan-pendidikan-papua-dan-papua-barat>

On 16 October 2019, the MEC presented programs to digitalize schools in the Papua province. This action strives for equitable education across the country by allowing disadvantaged students on the country's frontier to access an online education portal provided by the Ministry.²³³⁷

On 17 October 2019, the MEC sent 94 teachers to Community Learning Centres in Malaysia to guarantee that all Indonesian children receive quality education.²³³⁸

On 18 November 2019, Minister of Education and Culture Nadiem Anwar Makarim made a statement expressing the need for early childhood education to instill the spirit of cooperation and tolerance.²³³⁹ The Minister encouraged parents to equip their children with the ability to adapt at an early age, and further allow their children to develop proper cognitive abilities and socialization skills through classroom participation.²³⁴⁰

On 1 December 2019, the MEC held the National Seminar on community education and performance evaluation of early childhood education and Dikmas management. The seminar aimed to promote the potential of digital resources and technological competences, in order to ensure that the Indonesian workforce can innovate and harness digitalization.²³⁴¹ The event also encouraged the use of online resources by disadvantaged families.²³⁴²

On 4 December 2019, the MEC held an Exhibition and Teaching Factory Seminar to strengthen the work character and entrepreneurship of vocational high school students in the Fourth Industrial Revolution.²³⁴³ The goal of the exhibition is to produce quality education to skilled students who can subsequently offer required services for business and industry standards.²³⁴⁴

²³³⁷ Ministry of Education and Culture Presents School Digitalization in Papua, Ministry of Education and Culture (Wamena) 15 October 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/10/kemendikbud-hadirkan-digitalisasi-sekolah-di-papua>

²³³⁸ Realizing Equitable Education Services, Ministry of Education and Culture Send 94 Teachers to Malaysia, Ministry of Education and Culture (Jakarta) 17 October 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/10/wujudkan-pemerataan-layanan-pendidikan-kemendikbud-kirim-94-guru-ke-malaysia>

²³³⁹ Minister of Education and Culture: Provide Children with Qualified Character Education and Adaptation Ability, Ministry of Education and Culture (Jakarta) 18 November 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/11/mendikbud-bekali-anak-dengan-pendidikan-karakter-dan-kemampuan-adaptasi-yang-mumpuni>

²³⁴⁰ Minister of Education and Culture: Provide Children with Qualified Character Education and Adaptation Ability, Ministry of Education and Culture (Jakarta) 18 November 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/11/mendikbud-bekali-anak-dengan-pendidikan-karakter-dan-kemampuan-adaptasi-yang-mumpuni>

²³⁴¹ Ministry of Education and Culture Strengthens Community Education Role Gives Birth to Young Entrepreneurs, Ministry of Education and Culture (Yogyakarta) 3 December 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-perkuat-peran-pendidikan-masyarakat-lahirkan-wirausahawan-muda>

²³⁴² Ministry of Education and Culture Strengthens Community Education Role Gives Birth to Young Entrepreneurs, Ministry of Education and Culture (Yogyakarta) 3 December 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-perkuat-peran-pendidikan-masyarakat-lahirkan-wirausahawan-muda>

²³⁴³ Ministry of Education and Culture Holds Creative Products Exhibition for Vocational Students' Students, Ministry of Education and Culture (Jakarta) 4 December 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-gelar-pameran-produk-kreatif-karya-siswa-smk>

²³⁴⁴ Ministry of Education and Culture Holds Creative Products Exhibition for Vocational Students, Ministry of Education and Culture (Jakarta) 4 December 2019. Access Date: 8 February 2020.

<https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-gelar-pameran-produk-kreatif-karya-siswa-smk>

On 11 December 2019, Minister Makarim set out four aspects of the “Merdeka Belajar” education policy: the introduction of the National Standard School Examination (USBN), National Examination, Learning Implementation Plan (RPP), and Zoning Regulations for Student Acceptance PPDB.²³⁴⁵ The USBN will design a test conducted to survey students’ abilities, allowing teachers and schools to independently evaluate learning outcomes and redirect the USBN budget to improve educational quality. The RPP gives teachers more freedom in choosing, creating, using, and developing the RPP format. Specifically, the efficient writing of lesson plans will allow teachers more time to evaluate the learning process. Lastly, the PPDB provides more flexible policies to accommodate unequal educational access and quality in varying regions, granting regional authorities the ability to determine the proportion and distribution of education resources.

On 12 December 2019, the MEC signed a memorandum of understanding with Telekumunikasi Tbk on curriculum alignment in the field of fibre optics, a commitment that aims to prepare reliable network vocational school graduates.²³⁴⁶ The program includes fibre optic technology training and certification, fibre laboratory, and industry curriculum services targeting 50 participating schools. As part of the Vocational High School Development Revitalization ordered by the President, this memorandum has the goal of synchronizing the curriculum between vocational education institutions and the needs of the business world.²³⁴⁷

On 24 January 2020, Makarim launched the Merdeka Belajar policy. Merdeka Campus for universities aims to provide public and private universities with accredited autonomy to create new programs. The universities can work with world-class companies, non-profit organizations, or top global universities to develop new study programs that improve human capital across all sectors and align with the needs of industry.²³⁴⁸

On 28 January 2020, the government agreed to strengthen bilateral cooperation with Singapore in developing the competitive edge of the industrial sector. This agreement entails increasing investment in vocational education and training, further reaffirming Singapore’s position as a top investor in Indonesia and promoting the development of the region of the Association of South East Asian Nations.²³⁴⁹

²³⁴⁵ Minister of Education and Culture Sets Four Principles of "Merdeka Belajar" Education Policy, Ministry of Education and Culture (Jakarta) 11 December 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/12/mendikbud-tetapkan-empat-pokok-kebijakan-pendidikan-merdeka-belajar>

²³⁴⁶ Ministry of Education and Culture Teams Up with Telkom Indonesia to Prepare SMK Graduates in Optical Fiber Technology, Ministry of Education and Culture (Jakarta) 11 December 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-gandeng-telkom-indonesia-siapkan-lulusan-smk-bidang-teknologi-serat-optik>

²³⁴⁷ Ministry of Education and Culture Teams Up with Telkom Indonesia to Prepare SMK Graduates in Optical Fiber Technology, Ministry of Education and Culture (Jakarta) 11 December 2019. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2019/12/kemendikbud-gandeng-telkom-indonesia-siapkan-lulusan-smk-bidang-teknologi-serat-optik>

²³⁴⁸ Merdeka Campus Policy Give Higher Education Autonomy Open New Study Programs, Ministry of Education and Culture (Jakarta) 28 January 2020. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2020/01/kebijakan-kampus-merdeka-beri-otonomi-perguruan-tinggi-buka-prodi-baru>

²³⁴⁹ Indonesia, Singapore cooperate to improve industrial competitiveness, Antara News (Jakarta) 28 January 2020. Access Date: 8 February 2020. <https://en.antaranews.com/news/140399/indonesia-singapore-cooperate-to-improve-industrial-competitiveness>

On 3 February 2020, President Joko Widodo issued a presidential regulation that converted the Hindu Dharma State Institute in Denpasar Bali to the I Gusti Bagus Sugriwa State Hindu University. This regulation will provide Hindu higher education programs with further support.²³⁵⁰

On 6 February 2020, the government ratified the Indonesia-Australia Comprehensive Economic Partnership Agreement, streamlining bilateral market access by removing 99 per cent of tariff barriers. This agreement will allow Australian businesses involved in vocational training to work freely in Indonesia.²³⁵¹

On 7 February 2020, Makarim reaffirmed the need for learning supervision by universities and lecturers outside academic study programs.²³⁵² He stated that the Merdeka policy facilitates an autonomous learning environment whereby students can gain cross-disciplinary experience and knowledge, preparing them for the future of work.²³⁵³

On 7 February 2020, Acting Director of Learning and Student Affairs Directorate General of Higher Education Paristiyanti Nurwardani invited universities to explore the Merdeka Campus policy. Such exploration prompts university collaboration with the government, companies, community institutions, and other agencies. The aim of the exploration is to improve the quality of education through sharing field experience with other institutions.²³⁵⁴

On 10 February 2020, the government changed the distribution and use of School Operational Assistance (SOA) to improve honorary teacher welfare. Makarim stated that increased financial autonomy allows schools to formulate a better response to their needs in sustaining educational staff. Additionally, SOA funds will be sent directly to the honorary teacher, thus increasing efficiency and freeing the education system from regulatory burdens.²³⁵⁵

On 12 February 2020, the government announced that it will transfer SOA funds directly from the Ministry of Finance to school accounts in order to increase transparency and accountability. The

²³⁵⁰ Jokowi creates country's first Hindu state university, The Jakarta Post (Jakarta) 3 February 2020. Access Date: 8 February 2020. <https://www.thejakartapost.com/news/2020/02/03/jokowi-creates-countrys-first-hindu-state-university.html>

²³⁵¹ Trade pact can only further cement close bond with Indonesia, The Australian (Sydney) 6 February 2020. Access Date: 8 February 2020. <https://www.theaustralian.com.au/inquirer/trade-pact-can-only-further-cement-close-bond-with-indonesia/news-story/1bed1c5f96f19b98c580775a214ad0bf> Article, Indonesia ratifies long-awaited free trade deal with Australia, The Jakarta Post (Jakarta) 6 February 2020. Access Date: 8 February 2020. <https://www.thejakartapost.com/news/2020/02/06/indonesia-ratifies-long-awaited-free-trade-deal-with-australia.html>

²³⁵² Merdeka Campus: Study Outside Study Program Under Lecturer Supervision, Ministry of Education and Culture (Jakarta) 7 February 2020. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/kampus-merdeka-pembelajaran-luar-prodi-di-bawah-pengawasan-dosen>

²³⁵³ Merdeka Campus: Study Outside Study Program Under Lecturer Supervision, Ministry of Education and Culture (Jakarta) 7 February 2020. Access Date: 8 February 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/kampus-merdeka-pembelajaran-luar-prodi-di-bawah-pengawasan-dosen>

²³⁵⁴ Kemendikbud Invites Higher Education Exploration of Independent Campus Policy, Ministry of Education and Culture (Jakarta) 7 February 2020. Access Date: 25 March 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/kemendikbud-ajak-perguruan-tinggi-eksplorasi-kebijakan-kampus-merdeka>

²³⁵⁵ Merdeka Belajar: Changing the Mechanism of the BOS Funds to be the First Step in Improving Teacher Welfare, Ministry of Education and Culture (Jakarta) 10 February 2020. Access Date: 25 March 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/merdeka-belajar-perubahan-mekanisme-dana-bos-menjadi-langkah-pertama-peningkatan-kesejahteraan-guru>

MEC is also preparing a technological platform for the planning, distribution, and reporting of SOA funds.²³⁵⁶

On 12 February 2020, Makarim invited representatives from partner countries to the Discussion with Development Partners on Policy Direction and Potential Collaboration forum. Makarim encouraged joint efforts with educational institutions to facilitate a shift in Indonesia's educational culture and prioritize creativity, curiosity, resilience, empathy, critical thinking, problem-solving skills, confidence, and cooperation.²³⁵⁷

On 29 February 2020, the MEC announced that the administration process of study program accreditation will be simplified and automated. This action intends to lessen the burden of administrative processes and thereby allow tertiary institutions to focus on improving the quality of education.²³⁵⁸

On 2 March 2020, the MEC launched the Mobilization Organization Program (MOP), inviting all social organizations to cooperate in the advancement of Indonesia's education through the construction of Activator Schools. The MOP intends to help educators understand the students' learning processes and align learning characteristics with the stage of cognitive development. This program also strives to promote a community of activists consisting of parents, leaders and community organizations in support of improved quality of education.²³⁵⁹

On 13 March 2020, the MEC announced further support for the MOP by providing greater funding to ensure autonomy and diversity in building Activator schools.²³⁶⁰

Through Indonesia's efforts to facilitate early childhood development and basic education, establish online education portals to provide accessible and digitalized vocational education, and provide education to frontier and minority communities, Indonesia fully complied with its commitment to the G20 Initiative on Human Capital Investment for Sustainable Development.

Thus, Indonesia receives a score of +1.

Analyst: Harris Johnston

²³⁵⁶ Enhancing BOS Fund Accountability, Ministry of Education and Culture Prepares Technology Platform, Ministry of Education and Culture (Jakarta) 12 February 2020. Access Date: 25 March 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/tingkatkan-akuntabilitas-dana-bos-kemendikbud-siapkan-platform-teknologi>

²³⁵⁷ Ministry of Education and Culture Opens Opportunities for Educational Cooperation with Companions, Ministry of Education and Culture (Jakarta) 13 February 2020. Access Date: 25 March 2020. <https://www.kemdikbud.go.id/main/blog/2020/02/kemendikbud-buka-peluang-kerja-sama-pendidikan-dengan-negara-sahabat>

²³⁵⁸ Accreditation Administration Process Made Easier, Higher Education Encouraged to Focus More on Quality, Ministry of Education and Culture (Jakarta) 29 February 2020. Access Date: 25 March 2020.

<https://www.kemdikbud.go.id/main/blog/2020/02/proses-administrasi-akreditasi-diper mudah-perguruan-tinggi-didorong-lebih-fokus-ke-kualitas>

²³⁵⁹ Activator Organization Program: Ministry of Education and Culture Involves Community Organizations in Education Field, Ministry of Education and Culture (Jakarta) 2 March 2020. Access Date: 25 March 2020.

<https://www.kemdikbud.go.id/main/blog/2020/03/umumkan-program-organisasi-penggerak-kemendikbud-libatkan-organisasi-kemasyarakatan-bidang-pendidik>

²³⁶⁰ Ministry of Education and Culture Embraces Community Organizations To Create Activator Schools, Ministry of Education and Culture (Jakarta) 13 March 2020. Access Date: 25 March 2020. <https://www.kemdikbud.go.id/main/blog/2020/03/kemendikbud-rangkul-organisasi-masyarakat-wujudkan-sekolah-penggerak>

Italy: +1

Italy has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 August 2019, at the G7 Biarritz Summit in France, Italy and its G7 counterparts pledged to tackle "inequality in developing countries through gender-responsive education and quality technical and vocational education and training."²³⁶¹

On 5 November 2019, Italy announced that it will introduce climate change and sustainable development in the curriculum of public schools.²³⁶² This will encourage future generations to develop innovative ideas for climate mitigation.

On 5 March 2020, Deputy Minister of Foreign Affairs Emanuela Claudia Del Re reaffirmed that Italy will support education in Sudan and installed "a new block of the Mayo Girls Basic School in Al Yarmouk's Block 7 in Mayo, Khartoum State."²³⁶³

Italy fully complied with its commitment to reaffirm human capital investment as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development. Italy has enhanced basic education, pledged to tackle gender inequality through technical and vocational training, and further promoted innovation in education by incorporating climate change and sustainable development into its curriculum. Furthermore, Italy has supported education for girls in Sudan.

Thus, Italy receives a score of +1.

Analyst: Layal Hallal

Japan: +1

Japan has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 4 July 2019, Minister of Education, Culture, Sports, Science and Technology Shibayama Masahiko attended the G7 Education Ministers' meeting in Paris. He also visited the Director-General of the United Nations Educational, Scientific and Cultural Organization (UNESCO) Audrey Azoulay to discuss measures underway in the field of education.²³⁶⁴

On 9 July 2019, the government announced the theme of the 7th Tokyo International Conference on African Development (TICAD7): "Advancing Africa's Development through People, Technology,

²³⁶¹ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019. Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²³⁶² Italy's government becomes first to mandate climate change education in schools, The Washington Post (Washington) 6 November 2019. Access Date: 25 March 2020. <https://www.washingtonpost.com/world/2019/11/06/thats-why-we-exist-italys-government-becomes-first-mandate-climate-change-education-schools/>

²³⁶³ Italian Deputy Minister Foreign Affairs Commits €1.3 m to further Peacebuilding Efforts; Inaugurates Girls School Block in Mayo, UNDP (Khartoum) 8 March 2020. Access Date: 25 March 2020. <https://www.sd.undp.org/content/sudan/en/home/presscenter/pressreleases/2020/italian-deputy-minister-foreign-affairs-inaugurates-girls-school.html>

²³⁶⁴ MEXT Minister holds meeting with Director-General of UNESCO, Ministry of Education, Culture, Sports, Science and Technology — Japan (Tokyo) 4 July 2019. Access Date: 8 February 2020. <https://www.mext.go.jp/en/news/topics/detail/1419789.htm>

and Innovation.” This thematic focus aims to express growing interest in African development and highlight the strengths of Japan’s assistance to Africa.²³⁶⁵

On 29 July 2019, the Japan International Cooperation Agency (JICA) signed a grant of JPY2.726 billion to the government of Myanmar for the Japan-Myanmar Aung San Vocational Training Institute. This institute aims to bring high-skilled labour in line with Myanmar’s labour requirements and facilitate new positions for students and youth.²³⁶⁶

On 1 August 2019, the government pledged a grant of NAD42 million for equipment used in vocational and technical education and training in Namibia.²³⁶⁷

On 2 August 2019, the First Council Meeting of the Turkish-Japanese Science and Technology University discussed the establishment of university in Turkey, in order to strengthen bilateral cooperation in education, science, technology, and academic exchange.²³⁶⁸

On 26 August 2019, at the G7 Biarritz Summit in France, Japan and its G7 counterparts pledged to tackle “inequality in developing countries through gender-responsive education and quality technical and vocational education and training.”²³⁶⁹

On 28 August 2019, the Ministry of Education held a ministerial seminar on science, technology, and innovation as part of TICAD7. This conference aims to promote dialogue between political leaders both domestic and foreign to Africa, and further facilitate sustainable development within the continent.²³⁷⁰

On 30 August 2019, Prime Minister Shinzo Abe reaffirmed Japan’s support to UNESCO, expressing that Japan will actively cooperate with the organization in education, culture, artificial intelligence, disaster risk reduction, and education for sustainable development, in particular with regards to Africa.²³⁷¹

On 27 September 2019, the government signed the Partnership on Sustainable Connectivity and Quality Infrastructure, which aims to promote infrastructure development based on sustainability

²³⁶⁵ Announcement of the Theme of the 7th Tokyo International Conference on African Development (TICAD 7), Ministry of Foreign Affairs of Japan (Tokyo) 9 July 2019. Access Date: 8 February 2020.
https://www.mofa.go.jp/press/release/press4e_002510.html

²³⁶⁶ Signing of Grant Agreement with Myanmar: Contributing to human resource development through the development of a vocational training institute employing Japanese expertise, Japan International Cooperation Agency (Tokyo) 30 July 2019. Access Date: 8 February 2020.
https://www.jica.go.jp/english/news/press/2019/20190729_11_eg.html

²³⁶⁷ Japan pledges N\$42 million to Namibia’s TVET, New Era Live (Windhoek) 2 September 2019. Access Date: 8 February 2020. <https://neweralive.na/posts/japan-pledges-n42-million-to-namibias-tvet>

²³⁶⁸ The First Council Meeting of the Turkish-Japanese Science and Technology University (TJU), Ministry of Foreign Affairs of Japan (Tokyo) 5 August 2019. Access Date: 8 February 2020.
https://www.mofa.go.jp/press/release/press4e_002571.html

²³⁶⁹ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019. Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²³⁷⁰ Sisi will head 7th TICAD in Japan: Japan’s Prime Minister, Egypt Independent (Cairo) 28 August 2019. Access Date: 8 February 2020. <https://egyptindependent.com/sisi-will-head-7th-ticad-in-japan-japans-prime-minister/>

²³⁷¹ Japan renews commitment to UNESCO through enhanced cooperation on artificial intelligence and cultural diversity, UNESCO (Paris) 4 September 2019. Access Date: 8 February 2020. <https://en.unesco.org/news/japan-renews-commitment-unesco-through-enhanced-cooperation-artificial-intelligence-and>

and equality. One dimension of this partnership concerns support for education and research development.²³⁷²

On 5 December 2019, JICA signed a Record of Discussions with the government of Bhutan for the Promotion of Technology Education and Diffusion through Digital Fabrication Laboratory (Fab-Lab).²³⁷³ JICA aims to create new educational models that connect technological capabilities with the needs of industry via establishing Fab-Labs at the College of Science and Technology. Specifically, Fab-Labs will introduce digital fabrication technology and open innovation.²³⁷⁴

On 12 December 2019, JICA signed a grant agreement with the government of Mozambique to provide JPY2.283 billion for the construction of secondary schools in the province of Zambezia. The project aims to establish four new secondary schools and improve educational facilities, in order to increase the province's low enrollment rate in comparison to the national average. In addition, this project will increase educational accessibility and foster the quality of learning by building libraries and laboratories. JICA Overseas Cooperation Volunteers will be dispatched to further improve education quality.²³⁷⁵

As of 10 January 2020, the Ministry of Foreign Affairs and the Ministry of Education completed a ten-day program aimed at strengthening educational connections between Malaysia and Japan. Nine Malaysian educators visited three Japanese schools to practice the Education for Sustainable Development curriculum.²³⁷⁶

On 21 January 2020, the Ministry of Education, Culture, Sports, Science and Technology (MEXT) released its plans to support the schooling of foreign children.²³⁷⁷ This message is intended for local governments, some of which have designated that basic education in Japan is not compulsory for foreign or non-domestic children.²³⁷⁸

²³⁷² Meeting between Foreign Minister Motegi and European Union High Representative, European Commission Vice-President Mogherini, Ministry of Foreign Affairs of Japan (Tokyo) 21 October 2019. Access Date: 8 February 2020. https://www.mofa.go.jp/press/release/press6e_000221.html

The EU-Japan connectivity partnership: a sustainable initiative awaiting materialisation, Real Instituto Elcano (Madrid) 4 February 2020. Access Date: 8 February 2020.

http://www.realinstitutoelcano.org/wps/portal/rielcano_en/contenido?WCM_GLOBAL_CONTEXT=/elcano/elcano_in/zonas_in/ari12-2020-esteban-armainini-eu-japan-connectivity-partnership-sustainable-initiative-awaiting-materialisation

Signing of Record of Discussions on Technical Cooperation Project with Bhutan: Support for developing new technical educational models through the introduction of digital fabrication technology and open innovation, Japan International Cooperation Agency (Tokyo) 6 December 2019. Access Date: 8 February 2020.

https://www.jica.go.jp/english/news/press/2019/20191206_31_en.html

Signing of Record of Discussions on Technical Cooperation Project with Bhutan: Support for developing new technical educational models through the introduction of digital fabrication technology and open innovation, Japan International Cooperation Agency (Tokyo) 6 December 2019. Access Date: 8 February 2020.

https://www.jica.go.jp/english/news/press/2019/20191206_31_en.html

²³⁷⁵ Signing of Grant Agreements with Mozambique: Contributing to the improvement of access and quality of secondary education and securing stable electric power in the northern interior region of the country, Japan International Cooperation Agency (Tokyo) 13 December 2019. Access Date: 8 February 2020.

https://www.jica.go.jp/english/news/press/2019/20191212_41_en.html

²³⁷⁶ Japan hosts 10-day visit for educators from universities, religious schools, New Straits Times (Kuala Lumpur) 9 February 2020. Access Date: 8 February 2020. <https://www.nst.com.my/education/2020/01/555393/japan-hosts-10-day-visit-educators-universities-religious-schools>

²³⁷⁷ Ministry in push for foreign kids to go to school, learn Japanese, The Asahi Shimbun (Osaka) 22 January 2020. Access Date: 8 February 2020. <http://www.asahi.com/ajw/articles/AJ202001220051.html>

²³⁷⁸ Ministry in push for foreign kids to go to school, learn Japanese, The Asahi Shimbun (Osaka) 22 January 2020. Access Date: 8 February 2020. <http://www.asahi.com/ajw/articles/AJ202001220051.html>

On 30 January 2020, in cooperation with the Department of Defense Education Activity and the Consulate General of the United States to Naha, the Okinawa Liaison Office of the Ministry of Foreign Affairs held an English language training program for elementary school teachers in Okinawa.²³⁷⁹ The program helped 83 teachers teach English, in preparation for English to become compulsory in all Japanese elementary schools starting in April 2020.²³⁸⁰

Japan fully complied with its commitment to invest in all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. In the first pillar, Japan has enhanced basic education systems and strengthen quality assurance for teacher training. Moreover, Japan has funded the growth of vocational schools and language apprehension programs to encourage increased domestic school attendance. Lastly, Japan participated in international collaborations to facilitate investment in educational infrastructure and enhance equality and accessibility in education.

Thus, Japan receives a score of +1.

Analyst: Harris Johnston

Korea: 0

Korea has partially complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 25 October 2019, as part of President Moon Jae-in's campaign to promote social fairness and reduce social inequality, the government announced its educational reform plans, which includes an abolition of all elite high schools nationwide.²³⁸¹ Set to take effect in 2025, the plan outlines the intent for schooling to become "general" and more accessible.²³⁸²

On 20 November 2019, at the ASEAN-Korea summit, the government reaffirmed its commitment to working towards human capital development. At this summit, Korea served as the co-chair of the Southeast Asia Regional Program Forum, and the theme of this meeting in 2020 was human capital development.²³⁸³

On 6 February 2020, the Ministry of Education released the 2020 Early Childhood Fee Support Plan, which aims to increase educational opportunities for low-income families.²³⁸⁴ The program subsidizes the cost of attending private kindergartens and supports early childhood tuition and after-school courses.

²³⁷⁹ The Training program of English language teaching for elementary school teachers in Okinawa, Ministry of Foreign Affairs of Japan (Tokyo) 3 February 2020. Access Date: 8 February 2020.
https://www.mofa.go.jp/press/release/press4e_002768.html

²³⁸⁰ The Training program of English language teaching for elementary school teachers in Okinawa, Ministry of Foreign Affairs of Japan (Tokyo) 3 February 2020. Access Date: 8 February 2020.
https://www.mofa.go.jp/press/release/press4e_002768.html

²³⁸¹ (LEAD) South Korea sets 'drastic' reform of college admission system in motion, Yonhap News Agency (Seoul) 25 October 2019. Access Date: 9 February 2020. <https://en.yna.co.kr/view/AEN20191025004151315>

²³⁸² South Korea to abolish elite high schools in 2025 to fix education disparity that causes social inequality, The Straits Times (Seoul) 8 November 2019. Access Date: 7 February 2020. <https://www.straitstimes.com/asia/east-asia/south-korea-to-abolish-elite-high-schools-in-2025-to-fix-education-disparity-that>

²³⁸³ [ASEAN-Korea summit] Rising Southeast Asia, region of strategic priority to OECD, The Korea Herald (Seoul) 20 November 2019. Access Date: 6 February 2020. <http://www.koreaherald.com/view.php?ud=20191119000933>

²³⁸⁴ 2020 Early Childhood Fee Support Plan, Ministry of Education (Seoul) 6 February 2020. Access Date: 14 February 2020.
<https://www.moe.go.kr/boardCnts/view.do?boardID=312&lev=0&statusYN=W&s=moe&m=03&opType=N&boardSeq=79685>

Korea partially complied with its commitment to reaffirm human capital investment as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development. Korea has emphasized early childhood development under the first pillar of the G20 Initiative, but it has not taken action to invest in education for creating innovation nor education for a resilient and inclusive future.

Thus, Korea receives a score of 0.

Analyst: Anushka Kurian

Mexico: +1

Mexico has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 4 July 2019, the Ministry of Education and the government of Germany ratified their commitment to collaboration on the Mexican Dual Training Model, which will enhance youth training.²³⁸⁵

On 18 July 2019, the Ministry of Public Education announced that starting on 22 July 2019, it will teach three courses to improve the digital skills and pedagogical competences of teachers.²³⁸⁶

On 21 July 2019, the National Commission of Free Textbooks and the state government of Tabasco announced the distribution of 3,280,531 free textbooks to young people for the 2019-2020 school year. Of those textbooks, 4 million will be dedicated to special education.²³⁸⁷

On 1 August 2019, the Ministry of Education awarded scholarships to 315 young people, who will continue their higher education, research and projects in France. The scholarships were awarded to students from the Mexico Professional Technology Program and the Mexico France Engineers Technology Program.²³⁸⁸

²³⁸⁵ Boletín No.94 Ratifican SEP y Alemania trabajo conjunto para impulsar educación dual y convertir a México en potencia económica, Secretaría de Educación Pública (Mexico City) 4 July 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-94-ratifican-sep-y-alemania-trabajo-conjunto-para-impulsar-educacion-dual-y-convertir-a-mexico-en-potencia-economica?idiom=es>

²³⁸⁶ Boletín No.104 Impartirán SEP y Fundación Telefónica cursos a docentes en innovación educativa, Secretaría de Educación Pública (Mexico City) 18 July 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-104-impartiran-sep-y-fundacion-telefonica-cursos-a-docentes-en-innovacion-educativa?idiom=es>

²³⁸⁷ Boletín No.107 Inician CONALITEG y gobierno de Tabasco distribución de libros de texto gratuitos para el ciclo escolar 2019-2020, Secretaría de Educación Pública (Mexico City) 21 July 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-107-inician-conaliteg-y-gobierno-de-tabasco-distribucion-de-libros-de-texto-gratis-para-el-ciclo-escolar-2019-2020?idiom=es>

²³⁸⁸ Boletín No.114 Entrega SEP becas a 315 jóvenes mexicanos para que continúen estudios de educación superior en Francia, Secretaría de Educación Pública (Mexico City) 1 August 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-114-entrega-sep-becas-a-315-jovenes-mexicanos-para-que-continuen-estudios-de-educacion-superior-en-francia?idiom=es>

On 9 August 2019, Secretary of Public Education Esteban Moctezuma Barragán launched the workshops of the Educational Extension Program as part of the new curriculum of the New Mexican School.²³⁸⁹

On 10 August 2019, Secretary of Public Education Esteban Moctezuma Barragán reaffirmed the government's commitment to "the interculturality of education [to] promote harmonious coexistence between people and communities for the respect and recognition of differences and rights in a framework of social inclusion and joint creation of culture." The Ministry of Public Education will provide educational materials for literacy in 64 native languages.²³⁹⁰

On 9 September 2019, Secretary of Public Education Esteban Moctezuma Barragán met with the Director of the Finnish National Agency of Education Olli-Pekka Heinonen to discuss bilateral cooperation on educational matters.²³⁹¹

On 28 October 2019, Assistant Secretary for Basic Education Marcos Bucio Mújica stated that the constitutional reforms to Article 3 require educational authorities to develop a new approach that will influence the conditions of students, particularly those in conditions of social vulnerability. Secretary of Public Education Esteban Moctezuma Barragán acknowledged that before the reform, children under the age of three were not properly cared for by public policies. This reform aims to improve early childhood education.²³⁹²

On 13 November 2019, Secretary of Public Education Esteban Moctezuma Barragán met with French Minister of National Education and Youth Jean Michel Blanquer to confirm their educational cooperation. The two parties agreed to strengthen dual education that combines student training with active participation in the industry. They further reaffirmed the importance of educational inclusion in marginalized, indigenous and migrant areas.²³⁹³

²³⁸⁹ Boletín No.123 Inaugura Esteban Moctezuma Barragán talleres del Programa de Extensión Educativa, Secretaría de Educación Pública (Mexico City) 9 August 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-123-inaugura-esteban-moctezuma-barragan-talleres-del-programa-de-extension-educativa?idiom=es>

²³⁹⁰ Boletín No.124 Reciben más de 64 mil personas de comunidades indígenas, servicios de alfabetización, primaria y secundaria del INEA, Secretaría de Educación Pública (Mexico City) 10 August 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-124-reciben-mas-de-64-mil-personas-de-comunidades-indigenas-servicios-de-alfabetizacion-primaria-y-secundaria-del-inea?idiom=es>

²³⁹¹ Boletín No.150 Se fortalecen la cooperación y el diálogo en materia educativa con Finlandia: Moctezuma Barragán, Secretaría de Educación Pública (Mexico City) 9 September 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-150-se-fortalecen-la-cooperacion-y-el-dialogo-en-materia-educativa-con-finlandia-moctezuma-barragan?idiom=es>

²³⁹² Boletín No.195 Garantiza reforma constitucional en materia educativa el derecho a la educación en la primera infancia: SEP, Secretaría de Educación Pública (Mexico City) 28 October 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-195-garantiza-reforma-constitucional-en-materia-educativa-el-derecho-a-la-educacion-en-la-primer-a-infancia-sep?idiom=es>

²³⁹³ Boletín No.212 Se reúne el Secretario de Educación Pública, con el Ministro de Educación Nacional y Juventud de la República Francesa, Secretaría de Educación Pública (Mexico City) 13 November 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-212-se-reune-el-secretario-de-educacion-publica-de-mexico-esteban-moctezuma-barragan-con-el-ministro-de-educacion-nacional-y-juventud-de-la-republica-francesa-jean-michel-blanker?idiom=es>

On 14 November 2019, Secretary of Public Education Esteban Moctezuma Barragán affirmed Mexico's commitment to working with UNESCO to achieve the 2030 Agenda, specifically with regards to inclusive and equitable quality education and lifelong learning.²³⁹⁴

On 18 November 2019, Secretary of Public Education Esteban Moctezuma Barragán and Finnish Minister of Education Li Sigríður Andersson agreed to promote the strengthening of educational programs for Mexican youth. Barragán and Andersson discussed cooperation in training teachers by engaging Finnish specialists, who will travel to Mexico to share their experiences.²³⁹⁵

On 18 November 2019, the National Commission of Free Textbooks and the Institute of Mexicans Abroad distributed 163,000 textbooks to Mexican migrants in the US. These textbooks are meant to teach Mexicans abroad about their country, customs, and traditions, encourage the use of their mother tongue, and improve education and training resources.²³⁹⁶

On 4 December 2019, Secretary of Public Education Esteban Moctezuma Barragán emphasized the Ministry of Education's focus on open and distance higher education as an alternative learning experience.²³⁹⁷

On 9 December 2019, the Under-Secretary of Higher Education held consultations on the preliminary draft of the General Law of Higher Education. This new law will take into account comments and opinions from teachers and academics by reforming the educational legal framework and transforming the policies of higher education, science and technology.²³⁹⁸

On 16 December 2019, Secretary of Public Education Esteban Moctezuma Barragán instructed the National Institute for Adult Education to develop a quality education model that responds to the interests and needs of the prison population and promotes their social reintegration.²³⁹⁹

²³⁹⁴ Destaca Moctezuma Barragán ante Asamblea General de la UNESCO y ministros de educación del mundo, el apoyo a educación indígena y especial, Secretaría de Educación Pública (Mexico City) 14 November 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/destaca-moctezuma-barragan-ante-asamblea-general-de-la-unesco-y-ministros-de-educacion-del-mundo-el-apoyo-a-educacion-indigena-y-especial?idiom=es>

²³⁹⁵ Boletín No. 215 Acuerda Esteban Moctezuma Barragán fortalecimiento de programas y proyectos educativos con Finlandia, Secretaría de Educación Pública (Mexico City) 18 November 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-215-acuerda-esteban-moctezuma-barragan-fortalecimiento-de-programas-y-proyectos-educativos-con-finlandia?idiom=es>

²³⁹⁶ Boletín No. 219 Distribuye CONALITEG 163 mil libros de texto gratuitos para migrantes mexicanos en Estados Unidos, Secretaría de Educación Pública (Mexico City) 18 November 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-219-distribuye-conaliteg-163-mil-libros-de-texto-gratuitos-para-migrantes-mexicanos-en-estados-unidos?idiom=es>

²³⁹⁷ Boletín No. 240 Promueve SEP educación superior abierta y a distancia como alternativa para el aprendizaje de jóvenes y adultos, Secretaría de Educación Pública (Mexico City) 4 December 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-240-promueve-sep-educacion-superior-abierta-y-a-distancia-como-alternativa-para-el-aprendizaje-de-jovenes-y-adultos?idiom=es>

²³⁹⁸ Boletín No. 244 Continúan los foros de consulta del anteproyecto de la Ley General de Educación Superior, Secretaría de Educación Pública (Mexico City) 9 December 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-244-continuan-los-foros-de-consulta-del-anteproyecto-de-la-ley-general-de-educacion-superior?idiom=es>

²³⁹⁹ Boletín No. 250 Atiende SEP con servicios de educación básica a más de 15 mil personas en centros de readaptación social y tutelares del país, Secretaría de Educación Pública (Mexico City) 16 December 2019. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-250-atiente-sep-con-servicios-de-educacion-basica-a-mas-de-15-mil-personas-en-centros-de-readaptacion-social-y-tutelares-del-pais?idiom=es>

On 19 December 2019, Secretary of Public Education Esteban Moctezuma Barragán and French Minister for Europe and Foreign Affairs Yves Le Drian signed a cooperation agreement to promote the French language in Mexico through a pilot program taught in 34 public high schools.²⁴⁰⁰

On 3 January 2020, Secretary of Public Education Esteban Moctezuma Barragán stated that a priority for the government is to train professionals who can contribute to building a just and peaceful society. In order to realize this goal, the Ministry of Education will focus on ensuring that all young people have the same opportunities to access higher education, cutting-edge knowledge, and innovative technologies.²⁴⁰¹

On 8 January 2020, the Ministry of Public Education hosted the meeting of Community of Latin American and Caribbean States, where Secretary of Public Education Esteban Moctezuma Barragán discussed the change of course of education in Mexico. Barragán stated that Mexico's goal is to produce "inclusive individuals, with curious spirits to discover the secrets of science and technology, environmentally friendly, innovative and productive, with social responsibility and desires to cultivate physically, intellectually, environmentally, emotionally, culturally and socially." Furthermore, Barragán announced that more than 10 million scholarships have been awarded to students and families of basic, upper and higher education, and special scholarships have been allocated to at-risk individuals.²⁴⁰²

On 10 January 2020, the Secretariat of Public Education and the UN Economic Commission for Latin America signed a framework collaboration agreement, increasing actions that contribute to the objectives of sustainable development and social inclusion.²⁴⁰³

On 20 January 2020, Secretary of Public Education Esteban Moctezuma Barragán announced a technology project with augmented reality and artificial intelligence (ARGeo). This project is designed by researchers from the National Technological Institute of Mexico and will seek to improve student learning. Specifically, ARGeo develops learning environments for geometry and chemistry, and it will be put into practice in summer school in 2020.²⁴⁰⁴

On 24 February 2020, Secretary of Public Education Esteban Moctezuma Barragán announced that the goal of the New Mexican School is to guarantee equal opportunities for students in marginalized

²⁴⁰⁰ Boletín No.255 Firman SEP y Ministerio para Europa y Asuntos Exteriores de Francia, acuerdo para la enseñanza del idioma francés, Secretaría de Educación Pública (Mexico City) 19 December 2019. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-255-firman-sep-y-ministerio-para-europa-y-asuntos-exteriores-de-francia-acuerdo-para-la-ensenanza-del-idioma-frances?idiom=es>

²⁴⁰¹ Boletín No.3 La SEP está comprometida para que todos los jóvenes tengan las mismas oportunidades de ingreso a la educación superior, Secretaría de Educación Pública (Mexico City) 3 January 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-3-la-sep-esta-comprometida-para-que-todos-los-jovenes-tengan-las-mismas-oportunidades-de-ingreso-a-la-educacion-superior?idiom=es>

²⁴⁰² Boletín No. 8 Se busca construir a través de la educación un país inclusivo, productivo y democrático: Esteban Moctezuma Barragán, Secretaría de Educación Pública (Mexico City) 10 January 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-8-se-busca-construir-a-traves-de-la-educacion-un-pais-inclusivo-productivo-y-democratico-esteban-moctezuma-barragan?idiom=es>

²⁴⁰³ Boletín No. 9 Firman SEP y CEPAL convenio de colaboración para contribuir con los objetivos para el desarrollo sostenible, Secretaría de Educación Pública (Mexico City) 10 January 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-9-firman-sep-y-cepal-convenio-de-colaboracion-para-contribuir-con-los-objetivos-para-el-desarrollo-sostenible?idiom=es>

²⁴⁰⁴ Boletín No. 18 Crean investigadores del TecNM tecnología con realidad aumentada para el fortalecimiento del aprendizaje, Secretaría de Educación Pública (Mexico City) 20 January 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-18-crean-investigadores-del-tecnm-tecnologia-con-realidad-aumentada-para-el-fortalecimiento-del-aprendizaje?idiom=es>

areas of the country. Barragán acknowledged the importance of technological education to achieving the 2030 Agenda.²⁴⁰⁵

On 25 February 2020, the National Commission for the Continuous Improvement of Education met with the secretaries of education of the states and of Mexico City to discuss methods to improve basic and upper secondary education. The discussion emphasized training teachers, improving working conditions, monitoring policies and increasing the quality of education.²⁴⁰⁶

On 28 February 2020, the Ministry of Public Education, the National Association of Universities and Institutions of Higher Education and the Germany Ministry of Education and Research met to discuss the implementation of actions to strengthen dual education in Mexico. Secretary of Public Education Esteban Moctezuma Barragán emphasized the importance of innovation in education and proposed actions such as workshops, study tours to Germany, and training courses.²⁴⁰⁷

On 1 March 2020, the Ministry of Public Education held a conference with educational authorities, academics, researchers and experts to discuss building a better curriculum that incorporates sustainable development policies.²⁴⁰⁸

On 12 March 2020, Secretary of Public Education Esteban Moctezuma Barragán met with 1992 Nobel Peace Prize winner Rigoberta Menchú Tum to discuss and reaffirm the government's commitment to advancing education on indigenous culture and languages. Acknowledging the country's history of excluding indigenous communities, Barragán spoke about how the New Mexican School guarantees access to all levels of education and prioritizes indigenous peoples' participation.²⁴⁰⁹

On 13 March 2020, El Instituto Nacional para la Educación de los Adultos (INEA) announced educational services in 34 states in the United States for Mexican people 15 years and older, including

²⁴⁰⁵ Boletín No. 54 Promueve Tecnológico Nacional de México una educación de calidad e incluyente en zonas marginadas del país: SEP, Secretaría de Educación Pública (Mexico City) 24 February 2020. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-54-promueve-tecnologico-nacional-de-mexico-una-educacion-de-calidad-e-incluyente-en-zonas-marginadas-del-pais-sep?idiom=es>

²⁴⁰⁶ Comunicado. La coordinación con autoridades educativas del país es fundamental para mejorar la educación básica y media superior: MEJOREDU, Secretaría de Educación Pública (Mexico City) 25 February 2020. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/comunicado-la-coordinacion-con-autoridades-educativas-del-pais-es-fundamental-para-mejorar-la-educacion-basica-y-media-superior-mejoredu?idiom=es>

²⁴⁰⁷ Boletín No. 57 Fortalecen Ministerio de Educación alemán y SEP educación dual en los sectores automotriz, aeronáutico y especial, Secretaría de Educación Pública (Mexico City) 28 February 2020. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-57-fortalecen-ministerio-de-educacion-aleman-y-sep-educacion-dual-en-los-sectores-automotriz-aeronautico-y-especial?idiom=es>

²⁴⁰⁸ Boletín No. 60 Deben garantizar planes y programas de estudio el desarrollo de personas con un alto sentido de responsabilidad: SEP, Secretaría de Educación Pública (Mexico City) 1 March 2020. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-60-deben-garantizar-planes-y-programas-de-estudio-el-desarrollo-de-personas-con-un-alto-sentido-de-responsabilidad-sep?idiom=es>

²⁴⁰⁹ Boletín No. 70 Reconoce Premio Nobel de la Paz impulso de la educación hacia pueblos originarios en México, Secretaría de Educación Pública (Mexico City) 12 March 2020. Access Date: 24 March 2020. <https://www.gob.mx/sep/es/articulos/boletin-no-70-reconoce-premio-nobel-de-la-paz-impulso-de-la-educacion-hacia-pueblos-originarios-en-mexico?idiom=es>

in penitentiary centers. INEA's services include online training, technical assistance, the provision of textbooks and certificates, and literacy services.²⁴¹⁰

On 17 March 2020, the Ministry of Public Education, as part of the Schools Mexico program, delivered 9000 free textbooks for girls and boys in basic education in Guatemala.²⁴¹¹

Mexico fully complied with its commitment to invest in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development. In addition to engaging in international partnerships, Mexico has made efforts to enhance early childhood development and basic education, improve skill-based education for innovation, and highlight the importance of educational accessibility for girls and marginalized communities.

Thus, Mexico receives a score of +1.

Analyst: Sonja Dobson

Russia: 0

Russia has partially complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 20 December 2019, Deputy Prime Minister for Social Policy, Labour, Health and Pension Provision Tatyana Golikova announced that the first year of implementation of the national project in education was successful. Government spending resulted in 15 mobile quantoriums or technoparks, 26 industrial parks, 21 information technology cube centres and 2,049 "growth points," which are educational and scientific centers embedded in rural schools. The project aims to spread awareness about the digital economy and the Fourth Industrial Revolution throughout schools in remote rural areas.²⁴¹²

Russia partially complied with its commitment to invest in human capital as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development. Through its efforts to prepare for the Fourth Industrial Revolution, Russia complied with one of the three pillars in this G20 Initiative by contributing to education for innovation.

Thus, Russia receives a score of 0.

Analyst: Dmitrij Frolovskij

²⁴¹⁰ Boletín No. 71 Ofrece INEA servicios educativos a connacionales en 250 plazas comunitarias de Estados Unidos, Secretaría de Educación Pública (Mexico City) 13 March 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-71-ofrece-inea-servicios-educativos-a-connacionales-en-250-plazas-comunitarias-de-estados-unidos?idiom=es>

²⁴¹¹ Boletín No. 73 Dona SEP Libros de Texto Gratuitos para 3 mil niñas y niños de educación básica de Guatemala, Secretaría de Educación Pública (Mexico City) 17 March 2020. Access Date: 24 March 2020.

<https://www.gob.mx/sep/es/articulos/boletin-no-73-dona-sep-libros-de-texto-gratuitos-para-3-mil-ninas-y-ninos-de-educacion-basica-de-guatemala?idiom=es>

²⁴¹² Голикова назвала успешным первый год реализации нацпроекта "Образование" [Golikova nazvala uspeshnym pervyy god realizatsii natsproyekta "Obrazovaniye"], Tass (Moscow) 20 December 2019. Access Date: 4 February 2020.

<https://tass.ru/nacionalnye-proekty/7388835>

Saudi Arabia: +1

Saudi Arabia has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 10 July 2019, Saudi Arabia hosted a conference at the United Nations headquarters to discuss "the importance of quality education in increasing women's participation in the labor force."²⁴¹³

On 30 August 2019, Saudi Arabia issued a decree to create an artificial intelligence (AI) center, which will "enhance the drive toward innovation and digital transformation in Saudi Arabia."²⁴¹⁴ The Minister of Communications and Information Technology Abdulla Al-Sawaha stated that AI will improve productivity and stimulate entrepreneurship.²⁴¹⁵

On 7 November 2019, the Ministry of Culture and the Ministry of Education agreed to expand the curriculum of government and private schools to include culture and arts.²⁴¹⁶

On 12 November 2019, at the seventh meeting of the Steering Committee of the Sustainable Development Goals for Education 2030, Minister of Education Hamad Al-Asheikh stated that Saudi Arabia will commit itself to the fourth objective of the UNESCO 2030 agenda.²⁴¹⁷ This includes "ensuring equitable and comprehensive provision of quality education for displaced and affected people, improving the quality of teaching and learning, increasing funding for education and innovating its use."²⁴¹⁸ Among these three policies, Saudi Arabia will emphasize improving the quality of teaching and learning by reforming its school curriculum and the assessment of teachers.²⁴¹⁹

On 16 December 2019, Saudi Arabia hosted the first meeting for the G20 Education Working Group, which focused on "providing fair and high-quality educational opportunities from an early age, and on internationalizing children's education."²⁴²⁰

On 23 December 2019, Minister of Education Hamad Al-Asheikh pledged to re-adjust the country's education system by providing vocational training in community colleges to meet the demands of the job market.²⁴²¹

On 4 February 2020, Saudi Arabia approved a program to set up eleven new cultural development authorities.²⁴²² Specifically, the authority responsible for theater and performing arts will adopt vocational training programs.²⁴²³

²⁴¹³ 'Quality education' key to boosting Saudi women's workforce participation, Arab News (New York) 12 July 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1524411/saudi-arabia>

²⁴¹⁴ AI center confirms Saudi Arabia's drive toward innovative future, Arab News (Riyadh) 1 September 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1548051/saudi-arabia>

²⁴¹⁵ AI center confirms Saudi Arabia's drive toward innovative future, Arab News (Riyadh) 1 September 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1548051/saudi-arabia>

²⁴¹⁶ Culture and arts set to be part of Kingdom school curriculum, Saudi Gazette (Riyadh) 7 November 2019. Access Date: 8 February 2020. <http://www.saudigazette.com.sa/article/582022>

²⁴¹⁷ We seek to improve quality of teaching, Saudi education minister tells UNESCO meeting, Arab News (Paris) 14 November 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1583821/saudi-arabia>

²⁴¹⁸ We seek to improve quality of teaching, Saudi education minister tells UNESCO meeting, Arab News (Paris) 14 November 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1583821/saudi-arabia>

²⁴¹⁹ We seek to improve quality of teaching, Saudi education minister tells UNESCO meeting, Arab News (Paris) 14 November 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1583821/saudi-arabia>

²⁴²⁰ G20 Education Working Group holds first meeting, Arab News (Riyadh) 18 December 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1600991/saudi-arabia>

²⁴²¹ Jobs market 'will drive Saudi education,' says education minister, Arab News (Riyadh) 23 December 2019. Access Date: 8 February 2020. <https://www.arabnews.com/node/1602796/saudi-arabia>

Saudi Arabia fully complied with its commitment to reaffirm the G20's commitment to human capital investment as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, Saudi Arabia has recognized the importance of providing quality education for children and emphasized teacher training. Saudi Arabia has also promoted vocational training programs and pledged to work alongside the international community in providing quality education for marginalized and disadvantaged groups.

Thus, Saudi Arabia receives a score of +1.

Analyst: Layal Hallal

South Africa: 0

South Africa has partially complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 9 July 2019, Minister of Basic Education Angie Motshekga presented the Department of Basic Education's annual performance plan.²⁴²⁴ Over the next five years, the department will implement the Early Childhood Development system.²⁴²⁵ The system enforces "two years of compulsory schooling before starting Grade 1" to teach foundational literacy and numeric skills.²⁴²⁶

On 9 July 2019, Minister of Basic Education Angie Motshekga announced the establishment of the Computer Applications Technology program.²⁴²⁷ Over the next five years, this program will train teachers in technology and coding and incorporate these skills into Grade 10-12 curriculums.²⁴²⁸

On 9 July 2019, Minister of Basic Education Angie Motshekga announced that the General Education Certificate (GEC) is being finalized and will be piloted in 2020.²⁴²⁹ The GEC is received after completing Grade nine.²⁴³⁰ The GEC allows students to choose between three streams: an academic stream, a technical vocational stream, and a technical or occupational stream.²⁴³¹

On 18 February 2020, Minister of Basic Education Angie Motshekga announced that the Coding and Robotics Curriculum is being piloted in Grades R-3 and will be further implemented in all Grades

²⁴²² Saudi Cabinet launches 11 new cultural development authorities for Kingdom, Arab News (Jeddah) 5 February 2020. Access Date: 8 February 2020. <https://www.arabnews.com/node/1622901/saudi-arabia>

²⁴²³ Saudi Cabinet launches 11 new cultural development authorities for Kingdom, Arab News (Jeddah) 5 February 2020. Access Date: 8 February 2020. <https://www.arabnews.com/node/1622901/saudi-arabia>

²⁴²⁴ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴²⁵ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴²⁶ Big Changes Coming to South Africa, BusinessTech (Johannesburg) 16 July 2019. Access Date: 6 February 2020. <https://businesstech.co.za/news/government/329507/big-changes-coming-to-south-african-schools/>

²⁴²⁷ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴²⁸ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴²⁹ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴³⁰ Department of Basic Education 2019/20 Annual Performance Plan, with Minister, Parliamentary Monitoring Group (Johannesburg) 9 July 2019. Access Date: 6 February 2020. <https://pmg.org.za/committee-meeting/28524/>

²⁴³¹ Basic Education on General Education Certificate Misleading Reports, South African Government (Johannesburg) 27 September 2019. Access Date: 6 February 2020. <https://www.gov.za/speeches/basic-education-general-education-certificate-misleading-reports-27-sep-2019-0000>

R-9 by 2022.²⁴³² This curriculum intends to prepare students for the Fourth Industrial Revolution and equip students with useful digital skills for future career development.²⁴³³

Through initiatives supporting inclusive growth and vocational education, South Africa complied with two of the three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, South Africa supported quality basic education for early childhood development and teacher skills development. It has also enhanced vocational skill-based training to prepare for the Fourth Industrial Revolution. However, South Africa has not complied with the third pillar of the G20 Initiative; it has not taken actions to invest in education for a resilient and inclusive future.

Thus, South Africa receives a score of 0.

Analyst: Isabelle Buchanan

Turkey: +1

Turkey has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 1 September 2019, in collaboration with the United Nations Relief and Works Agency for Palestine Refugees in the Near East, the Turkish Cooperation and Coordination Agency (TIKA) opened a new girl's school in Amman, Jordan. This school will serve as a preparatory institution for Palestinian refugee children. TIKA contributed to the renovation of the school, created new classes, and prepared new educational resources for the 2019-2020 school year.²⁴³⁴

On 4 December 2019, the government announced its digital educational development program in Ankara, Turkey. The program aims to advance the skills of teachers, innovation, and quality of education for children in Turkey. Minister of National Education Ziya Selçuk stated that the program endeavors to reach a total of one million teachers.²⁴³⁵

On 27 February 2020, the government announced its plan to open a technical and vocational training school in Kigali, Rwanda. Turkish Ambassador to Rwanda Burcu Çevik stated that the goal of this new institute is to provide training for Rwanda's youth and support their self-sufficiency and economic independence.²⁴³⁶

²⁴³² It will soon be compulsory for South African kids to start school at an earlier age — new laws to be tabled this year, BusinessTech (Johannesburg) 19 February 2020. Access Date: 5 March 2020.

<https://businessstech.co.za/news/government/375375/it-will-soon-be-compulsory-for-south-african-kids-to-start-school-at-an-earlier-age-new-laws-to-be-tabled-this-year/>

²⁴³³ It will soon be compulsory for South African kids to start school at an earlier age — new laws to be tabled this year, BusinessTech (Johannesburg) 19 February 2020. Access Date: 5 March 2020.

<https://businessstech.co.za/news/government/375375/it-will-soon-be-compulsory-for-south-african-kids-to-start-school-at-an-earlier-age-new-laws-to-be-tabled-this-year/>

²⁴³⁴ Government of Turkey supports UNRWA education programme in Jordan through TIKA, UNRWA (Amman) 24 September 2019. Access Date: 20 March 2020. <https://www.unrwa.org/newsroom/press-releases/government-turkey-supports-unrwa-education-programme-jordan-through-tika#mm-2>

²⁴³⁵ Turkish education minister unveils digital transformation program, Hurriyet Daily News (Ankara) 5 December 2019. Access Date: 20 March 2020. <https://www.hurriyetdailynews.com/turkish-education-minister-unveils-digital-transformation-program-149481>

²⁴³⁶ Turkey plans to open technical training college in Rwanda, Anadolu Agency (Ankara) 27 February 2020. Access Date: 20 March 2020. <https://www.aa.com.tr/en/africa/turkey-plans-to-open-technical-training-college-in-rwanda/1746325>

On 11 March 2020, the government announced the completion of a school renovation project in Asuncion, Paraguay. The project transformed the school by constructing a two-story building and renewing the school's facilities and outdoor and indoor spaces. The school was one of TIKA's first projects, and TIKA pledged its continued support for this school.²⁴³⁷

Turkey fully complied with this commitment by equipping teachers with skills training, investing in vocational and skill-based education for innovation, and emphasizing the importance of educational accessibility for hard-to-reach communities and refugees.

Thus, Turkey receives a score of +1.

Analyst: Nour Elsasiuty

United Kingdom: +1

The United Kingdom has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 August 2019, at the G7 Biarritz Summit in France, the UK and its G7 counterparts pledged to tackle "inequality in developing countries through gender-responsive education and quality technical and vocational education and training."²⁴³⁸

On 30 August 2019, Prime Minister Boris Johnson announced GBP14 billion in funding for education by 2023.²⁴³⁹ By 2021, GBP780 million will be allocated to education for children with special needs and disabilities.²⁴⁴⁰

On 9 January 2020, Education Secretary Gavin Williamson announced that further education colleges and other post-16 education and training providers can "sign up to teach the next wave of the government's new T Levels."²⁴⁴¹ By 2022, the Ministry of Education will introduce an additional 15 T Levels, which will include courses in agriculture, animal care, legal course and accounting.²⁴⁴²

On 11 January 2020, Prime Minister Boris Johnson and Irish Prime Minister Leo Varadkar resumed negotiations of the Stormont Deal.²⁴⁴³ One condition included in the deal is a review of education in Northern Ireland.²⁴⁴⁴ Part of this review will focus on "tackling problems faced by pupils from

²⁴³⁷ Turkey's TIKA renovates school in Paraguay's Asuncion, Daily Sabah (Ankara) 11 March 2020. Access Date: 20 March 2020. <https://www.dailysabah.com/turkey/education/turkeys-tika-renovates-school-in-paraguays-asuncion>

²⁴³⁸ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019. Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²⁴³⁹ Prime Minister Boost Schools with GBP14 Billion Package, Gov.uk (London) 30 August 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/prime-minister-boosts-schools-with-14-billion-package#history>

²⁴⁴⁰ Prime Minister Boost Schools with GBP14 Billion Package, Gov.uk (London) 30 August 2019. Access Date: 27 January 2020. <https://www.gov.uk/government/news/prime-minister-boosts-schools-with-14-billion-package#history>

²⁴⁴¹ Third Wave of Further Education Providers Invited to Teach Pioneering New T Levels from 2022, Gov.uk (London) 9 January 2020. Access Date: 27 January 2020. <https://www.gov.uk/government/news/third-wave-of-further-education-providers-invited-to-teach-pioneering-new-t-levels-from-2022>

²⁴⁴² Third Wave of Further Education Providers Invited to Teach Pioneering New T Levels from 2022, Gov.uk (London) 9 January 2020. Access Date: 27 January 2020. <https://www.gov.uk/government/news/third-wave-of-further-education-providers-invited-to-teach-pioneering-new-t-levels-from-2022>

²⁴⁴³ Stormont Deal: BBC News NI Experts Examine the Detail, BBC News NI (Belfast) 10 January 2020. Access Date: 3 February 2020. <https://www.bbc.com/news/uk-northern-ireland-51063140>

²⁴⁴⁴ Stormont Deal: What's Next, BBC News NI (Belfast) 14 January 2020. Access Date: 3 February 2020. <https://www.bbc.com/news/uk-northern-ireland-51089350>

disadvantaged backgrounds.”²⁴⁴⁵ The Education Department of Northern Ireland will also receive GBP10 million in educational funding for children with special needs and disabilities.²⁴⁴⁶

On 20 January 2020, Education Secretary Gavin Williamson spoke at the Education World Forum.²⁴⁴⁷ Williamson took this opportunity “to announce a one-year extension to this International School Exchange programme, and its expansion to include primary school children in Years five and six.”²⁴⁴⁸ This programme allows “children from disadvantaged backgrounds” to study in other countries.²⁴⁴⁹

On 30 January 2020, “new legislation laid in Parliament” guarantees that every school will receive a minimum of GBP5,000 per student and every primary school will receive a minimum of GBP3,750 per student.²⁴⁵⁰

On 11 March 2020, Chancellor of the Exchequer Rishi Sunak announced the UK’s budget for 2020.²⁴⁵¹ The budget pledged GBP7,000,000 “to open 11 specialist maths schools for 16- to 19-year-olds.”²⁴⁵²

On 11 March 2020, Chancellor Sunak announced that the UK’s 2020 budget will create a GBP2.5bn “National Skills Fund for England to improve the technical skills of adults across the country.”²⁴⁵³

On 11 March 2020, Chancellor Sunak pledged that in the UK’s 2020 budget, sufficient funds will be allocated to an apprenticeship program for students in small to medium-sized businesses.²⁴⁵⁴

The UK fully complied with all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. It has achieved sustainable development and inclusive growth in education by focusing on disadvantaged groups. It has also expanded vocational education and provided quality education for children with special needs and children at-risk.

²⁴⁴⁵ Stormont Deal: What’s Next, BBC News NI (Belfast) 14 January 2020. Access Date: 3 February 2020. <https://www.bbc.com/news/uk-northern-ireland-51089350>

²⁴⁴⁶ Stormont Money Boost for Special Needs Education, BBC News NI (Belfast) 27 January 2020. Access Date: 3 February 2020. <https://www.bbc.co.uk/news/uk-northern-ireland-51274047>

²⁴⁴⁷ Education Secretary Sets Ambition for International Collaboration, Gavin Williamson (London) 20 January 2020. Access Date: 4 February 2020. <https://www.gov.uk/government/speeches/education-secretary-sets-ambition-for-international-collaboration>

²⁴⁴⁸ Education Secretary Sets Ambition for International Collaboration, Gavin Williamson (London) 20 January 2020. Access Date: 4 February 2020. <https://www.gov.uk/government/speeches/education-secretary-sets-ambition-for-international-collaboration>

²⁴⁴⁹ Education Secretary Sets Ambition for International Collaboration, Gavin Williamson (London) 20 January 2020. Access Date: 4 February 2020. <https://www.gov.uk/government/speeches/education-secretary-sets-ambition-for-international-collaboration>

²⁴⁵⁰ PM Guarantees Minimum Funding Levels or all Schools, Gov.uk (London) 30 January 2020. Access Date: 4 February 2020. <https://www.gov.uk/government/news/pm-guarantees-minimum-funding-levels-for-all-schools>

²⁴⁵¹ Chancellor pledges specialist maths school in every English region, The Guardian (London) 11 March 2020. Access Date: 17 March 2020. <https://www.theguardian.com/uk-news/2020/mar/11/chancellor-pledges-specialist-maths-school-in-every-english-region>

²⁴⁵² Chancellor pledges specialist maths school in every English region, The Guardian (London) 11 March 2020. Access Date: 17 March 2020. <https://www.theguardian.com/uk-news/2020/mar/11/chancellor-pledges-specialist-maths-school-in-every-english-region>

²⁴⁵³ Chancellor pledges specialist maths school in every English region, The Guardian (London) 11 March 2020. Access Date: 17 March 2020. <https://www.theguardian.com/uk-news/2020/mar/11/chancellor-pledges-specialist-maths-school-in-every-english-region>

²⁴⁵⁴ Chancellor pledges specialist maths school in every English region, The Guardian (London) 11 March 2020. Access Date: 17 March 2020. <https://www.theguardian.com/uk-news/2020/mar/11/chancellor-pledges-specialist-maths-school-in-every-english-region>

Thus, the UK receives a score of +1.

Analyst: Isabelle Buchanan

United States: +1

The United States has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 August 2019, at the G7 Biarritz Summit in France, the US and its G7 counterparts pledged to tackle “inequality in developing countries through gender-responsive education and quality technical and vocational education and training.”²⁴⁵⁵

On 8 November 2019, the Department of Education pledged USD540 million “to support science, technology, engineering and math (STEM) education, including computer science.”²⁴⁵⁶

On 4 February 2020, in his State of the Union Address, President Donald Trump asked Congress to support his plan “to offer vocational and technical education in every single high school in America.”²⁴⁵⁷

On 4 February 2020, President Trump called on Congress to pass the Education Freedom Scholarships and Opportunities Act, which seeks to provide children more educational and schooling options.²⁴⁵⁸ This Act will give one million children more freedom in selecting their schooling opportunities and further seek to improve scholarship programs.²⁴⁵⁹

On 21 February 2020, the United States Agency for International Development launched an Early Grade Reading Program with Ghana’s Ministry of Education to advance reading skills for school children.²⁴⁶⁰

The US fully complied with this commitment by investing in all three pillars of G20 Initiative on Human Capital Investment for Sustainable Development. It has pledged to tackle gender-based and other forms of inequality through education and provide technical and vocational training alongside education in science, technology, engineering and mathematics.

²⁴⁵⁵ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019.

Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²⁴⁵⁶ U.S. Department of Education Advances Trump Administration’s STEM Investment Priorities, U.S. Department of Education (Washington) 8 November 2019. Access Date: 8 February 2020. <https://www.ed.gov/news/press-releases/us-department-education-advances-trump-administrations-stem-investment-priorities>

²⁴⁵⁷ Full Transcript: Trump’s 2020 State of the Union Address, The New York Times (New York) 4 February 2020. Access Date: 8 February 2020. <https://www.nytimes.com/2020/02/05/us/politics/state-of-union-transcript.html>

²⁴⁵⁸ Remarks by President Trump in State of the Union Address, The White House (Washington) 4 February 2020. Access Date: 8 February 2020. <https://www.whitehouse.gov/briefings-statements/remarks-president-trump-state-union-address-3/>

²⁴⁵⁹ President Trump is fighting for every family’s freedom to choose the best possible education for their children, The White House (Washington) 4 February 2020. Access Date: 8 February 2020. <https://www.whitehouse.gov/briefings-statements/president-trump-is-fighting-for-every-familys-freedom-to-choose-the-best-possible-education-for-their-children/>

²⁴⁶⁰ United States of America and Ghana Partner to Improve Early Education Reading Skills, CNBC Africa (Johannesburg) 24 February 2020. Access Date: 25 March 2020. <https://www.cnbcAfrica.com/apo/2020/02/24/united-states-of-america-and-ghana-partner-to-improve-early-education-reading-skills/>

Thus, the United States receives a score of +1.

Analyst: Layal Hallal

European Union: +1

The European Union has fully complied with its commitment to reaffirm the G20's commitment to investing in human capital, as emphasized in the G20 Initiative on Human Capital Investment for Sustainable Development.

On 26 August 2019, at the G7 Biarritz Summit, the EU and its G7 counterparts pledged to tackle "inequality in developing countries through gender-responsive education and quality technical and vocational education and training."²⁴⁶¹

On 26 September 2019, the EU held an education summit in Brussels, Belgium. The summit gathered ministers, teachers, and experts to discuss the future of education in the EU. This year's summit focused on the need for increased recruitment and support for teachers. The summit also included workshops on innovation, classroom environments, and the future of education.²⁴⁶²

On 9 November 2019, the EU launched a second pilot for the ERASMUS+ program with an expected 12 per cent increase of EUR3 billion for 2020.²⁴⁶³ The goal of the program is to create 35,000 opportunities for students as a part of the Africa-Europe Alliance for sustainable investment and jobs. The program will provide European students with an opportunity to study abroad, increase professional opportunities, and diversify and expand educational prospects.²⁴⁶⁴ In addition to the vocational education and training sector, ERASMUS+ also provides support for youth and sport training and adult education. ERASMUS+ further intends to create equal access for participants of all economic, social, and cultural backgrounds, including disadvantaged groups.²⁴⁶⁵

On 13 November 2019, the EU held a meeting in Brussels, Belgium, to discuss the project "Towards a European STE(A)M Platform." This meeting emphasized the development and implementation of national education strategies in science, technology, engineering and mathematics (STEM).²⁴⁶⁶

On 17 March 2020, the EU announced the extension of the second stage of the Conditional Cash Transfer for Education program. The program strives to aid refugee children by offering financial

²⁴⁶¹ Declaration on Gender Equality and Women Empowerment, G7 Information Centre (Biarritz) 26 August 2019. Access Date: 24 March 2020. <http://www.g7.utoronto.ca/summit/2019biarritz/declaration-on-gender-equality.pdf>

²⁴⁶² Education experts gather at the European Education Summit, NESET (Brussels) 4 October 2019. Access Date: 8 February 2020. <https://nesetweb.eu/en/news/education-experts-gather-at-the-european-education-summit/>

²⁴⁶³ Erasmus+: EU will invest over 3 billion in young Europeans to study or train abroad in 2020, Modern Diplomacy. 9 November 2019. Access Date: 10 February 2020. <https://moderndiplomacy.eu/2019/11/09/erasmus-eu-will-invest-over-e3-billion-in-young-europeans-to-study-or-train-abroad-in-2020/>

²⁴⁶⁴ Second Pilot on European Universities' alliance launched, University World News (London) 9 November 2019. Access Date: 8 February 2020. <https://www.universityworldnews.com/post.php?story=20191108070614822>

²⁴⁶⁵ Erasmus+: EU will invest over 3 billion in young Europeans to study or train abroad in 2020, Modern Diplomacy. 9 November 2019. Access Date: 10 February 2020. <https://moderndiplomacy.eu/2019/11/09/erasmus-eu-will-invest-over-e3-billion-in-young-europeans-to-study-or-train-abroad-in-2020/>

²⁴⁶⁶ BusinessEurope- Education and Training Working Group, EU Stem Coalition (Brussels) 13 November 2019. Access Date: 11 February 2020. <http://www.stemcoalition.eu/publications/businesseurope-education-and-training-working-group>

support, removing educational barriers, and increasing enrolment and attendance rates. In enabling the second phase of the program, the EU has contributed EUR50 million to refugee education.²⁴⁶⁷

The EU has taken steps to fully comply with all three pillars of the G20 Initiative on Human Capital Investment for Sustainable Development. Specifically, the EU focused on enhancing teacher training, providing vocational training in STEM disciplines and innovation, and highlighting educational accessibility for disadvantaged groups such as girls and refugees.

Thus, the EU receives a score of +1.

Analyst: Nour Ellassity

²⁴⁶⁷ UNICEF and EU Announce the Extension of the “conditional cash transfer for education” program, UNICEF (Ankara) 17 March 2020. Access Date: 20 March 2020. <https://www.unicef.org/turkey/en/press-releases/unicef-and-eu-announce-extension-conditional-cash-transfer-education-ccte-programme>

15. Health: Ageing Populations

“We will promote healthy and active ageing through policy measures to address health promotion.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina	-1		
Australia			+1
Brazil	-1		
Canada			+1
China			+1
France		0	
Germany		0	
India		0	
Indonesia	-1		
Italy	-1		
Japan			+1
Korea			+1
Mexico		0	
Russia		0	
Saudi Arabia	-1		
South Africa	-1		
Turkey	-1		
United Kingdom		0	
United States		0	
European Union			+1
Average		-0.05 (48%)	

Background

G20 leaders made their first health-related commitments at the 2014 Brisbane Summit in response to the Ebola virus outbreak in Guinea, Liberia and Sierra Leone.²⁴⁶⁸ They also urged the World Bank Group and International Monetary Fund to “continue their strong support for the affected countries” and explore innovative ways to globally prepare against the economic impacts of infectious diseases.²⁴⁶⁹ The G20 also recommitted to fully implementing the World Health Organization’s (WHO) International Health Regulations. G20 members committed to strengthening global health systems and building the capacity to “prevent, detect, report early and respond to infectious diseases” and address anti-microbial resistance (AMR).²⁴⁷⁰

²⁴⁶⁸ G20 Leaders’ Brisbane Statement on Ebola, G20 Information Centre (Toronto) 15 November 2014. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2014/2014-1115-ebola.html>

²⁴⁶⁹ G20 Leaders’ Brisbane Statement on Ebola, G20 Information Centre (Toronto) 15 November 2014. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2014/2014-1115-ebola.html>

²⁴⁷⁰ G20 Leaders’ Brisbane Statement on Ebola, G20 Information Centre (Toronto) 15 November 2014. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2014/2014-1115-ebola.html>

At the 2015 Antalya Summit, G20 leaders committed to “address current opportunities and challenges brought into the labour markets through … the ageing of populations.”²⁴⁷¹ The G20 recognized the potential of investing in domestic labour mobility, thus adopting the “G20 Principles on Silver Economy and Active Ageing.”²⁴⁷² The document generally focuses on enhanced support for senior citizens through reducing discriminatory employment practices and also improving the accessibility of various social services.²⁴⁷³ While the document makes mention of healthcare investment and “coordination between studies on health, macro- and labour- economics, and innovation,”²⁴⁷⁴ an explicit and binding commitment on ageing policies still remains absent from summit negotiations.

At the 2016 Hangzhou Summit, the G20 committed to align its work with the 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals (SDGs), launched by the United Nations in 2015.²⁴⁷⁵ The G20 recognized that health is a key component for socioeconomic stability and sustainable development with regards to achieving SDGs 1, 3 and 5. SDG 1 is “to end poverty in all forms everywhere,” SDG 3 is to “ensure healthy lives and promote well-being” and SDG 5 is to “achieve gender equality and empower all women and girls.”²⁴⁷⁶

From 19 to 20 May 2017 in Berlin, Germany, the G20 health ministers met for the first time to address health-related issues in terms of “global health crisis management,” “health systems strengthening” and “antimicrobial resistance.”²⁴⁷⁷ To address strengthening health systems, the WHO, International Labour Organization, and Organisation for Economic Co-operation and Development jointly published “Working for Health: A Five-Year Action Plan for Health Employment and Inclusive Economic Growth (2017-2021).”²⁴⁷⁸ The plan was adopted at the 70th World Health Assembly on 29 May 2017.²⁴⁷⁹ At the 2017 Hamburg Summit, the G20 reaffirmed its

²⁴⁷¹ G20 Leader’ Communiqué, G20 Information Centre (Toronto) 16 November 2015. Access Date: 15 April 2020. <http://www.g20.utoronto.ca/2015/151116-communique.html>

²⁴⁷² ANNEX VI: G20 Principles on Silver Economy and Active Ageing, G20 Information Centre (Toronto) 10 to 20 November 2015. Access Date: 15 April 2020. <http://www.g20.utoronto.ca/2015/G20-Principles-on-Silver-Economy-and-Active-Ageing.pdf>.

²⁴⁷³ ANNEX VI: G20 Principles on Silver Economy and Active Ageing, G20 Information Centre (Toronto) 10 to 20 November 2015. Access Date: 15 April 2020. <http://www.g20.utoronto.ca/2015/G20-Principles-on-Silver-Economy-and-Active-Ageing.pdf>.

²⁴⁷⁴ ANNEX VI: G20 Principles on Silver Economy and Active Ageing, G20 Information Centre (Toronto) 10 to 20 November 2015. Access Date: 15 April 2020. <http://www.g20.utoronto.ca/2015/G20-Principles-on-Silver-Economy-and-Active-Ageing.pdf>.

²⁴⁷⁵ G20 Action Plan on the 2030 Agenda for Sustainable Development, Hangzhou. G20 Information Centre (Toronto). Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2016/g20-action-plan-on-2030-agenda.pdf>

²⁴⁷⁶ Resolution Adopted by the General Assembly on 25 September 2015, United Nations (New York) 21 October 2015. Access Date: 19 November 2019. https://www.unfpa.org/sites/default/files/resource-pdf/Resolution_A_RES_70_1_EN.pdf

²⁴⁷⁷ Berlin Declaration of the G20 Health Ministers: Together Today for a Healthy Tomorrow, G20 Information Centre (Toronto) 20 May 2017. Access Date 19 November 2019. <http://www.g20.utoronto.ca/2017/170520-health-en.html>

²⁴⁷⁸ Five-Year Action Plan for Health Employment and Inclusive Economic Growth (2017-2021), World Health Organization, International Labour Organization and the Organisation for Economic Co-operation and Development (OECD) 2018. Access Date: 19 November 2019.

<https://apps.who.int/iris/bitstream/handle/10665/272941/9789241514149-eng.pdf?ua=1>

²⁴⁷⁹ Human resources for health and implementation of the outcomes of the United Nations’ High-Level Commission on Health Employment and Economic Growth, World Health Assembly (Geneva) 29 May 2017. Access Date: 19 November 2019. http://apps.who.int/gb/ebwha/pdf_files/WHA70/A70_R6-en.pdf?ua=1

commitments to “safeguarding against health crises,” “strengthening global health systems” and “combatting antimicrobial resistance.”²⁴⁸⁰

At the 2018 Buenos Aires Summit, the G20 extended its commitments to health-related issues to include “[tackling] malnutrition, with a special focus on childhood overweight and obesity.”²⁴⁸¹ It also reaffirmed its support for strengthening health systems “to achieve better access to health care and to improve its quality and affordability to move towards Universal Health Coverage, in line with their national contexts and priorities.”²⁴⁸² The G20 also pledged to “ending HIV/AIDS, tuberculosis and malaria.”²⁴⁸³

At the 2019 Osaka Summit, G20 leaders committed to strengthening global health systems through focussing on quality in terms of enhancing the health workforce and the promotion of innovation (e.g., digital and technological) in the public and private sector.²⁴⁸⁴ The G20 expanded its commitment of health-related issues to include “healthy and active ageing,” which will be promoted through “policy measures to address health promotion.”²⁴⁸⁵ The G20 pledged to implement policies to address dementia that aim “to improve quality of lives of people with dementia and caregivers.” G20 leaders also pledged to improve preparedness and response to health emergencies, which includes “strengthening [their] own capacities and the capacities of other countries in compliance with the World Health Organization (WHO) International Health Regulations (2005).”²⁴⁸⁶ The G20 pledged to provide financial and technical support to countries affected with Ebola and reaffirmed its commitment to eradicate polio as well as end AIDS, tuberculosis and malaria.²⁴⁸⁷ G20 leaders also agreed to tackle AMR with the One-Health approach and though the work of Global AMR R&D Hub.²⁴⁸⁸

According to the WHO, the number of people over 60 years of age is expected to double by 2050.²⁴⁸⁹ With many countries facing an increasingly ageing population due to declining fertility and increasing life expectancy, it is important not only to address the well-being of older persons but also to create age-friendly environments that encourage older people to actively participate in society. The

²⁴⁸⁰ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

²⁴⁸¹ G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development, G20 Summits (Argentina) 1 December 2018. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²⁴⁸² G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development, G20 Summits (Argentina) 1 December 2018. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²⁴⁸³ G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development, G20 Summits (Argentina) 1 December 2018. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²⁴⁸⁴ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁸⁵ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁸⁶ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁸⁷ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁸⁸ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁸⁹ Number of people over 60 years set to double by 2050; major societal changes required, World Health Organization (Geneva) 30 September 2015. Access Date: 3 March 2020.

<https://www.who.int/mediacentre/news/releases/2015/older-persons-day/en/>

WHO's focus on healthy ageing between 2015 and 2030 replaces its previous policy framework on active ageing in 2002.²⁴⁹⁰

The 2020–2030 Decade of Healthy Aging, builds on the WHO's Global Strategy and Action Plan on Ageing and Health.²⁴⁹¹ It is the second phase of the action plan and aims to address health across multiple sectors through “ten years of concerted, catalytic and collaborative action to improve the lives of older people, their families, and the communities in which they live.”²⁴⁹² It focuses on enabling equitable access to health services and long-term care for older people; combat ageism; foster age-friendly environments that consider the varying abilities of older people; deliver integrated and primary health care that is responsive to older people; strengthen data and promote research to accelerate the implementation of data-driven health policies and action; and provide opportunities that promote intergenerational solidarity by being inclusive of the perspectives of young and old people, family members, caregivers, governments, and civil society organizations, which enable meaningful engagement in health and well-being discourse.²⁴⁹³ The Decade of Healthy Ageing 2020–2030 is aligned with the SDGs, as it recognizes the implication of healthy ageing on preventing poverty (SDG 1) and enabling food security (SDG 2), good health and well-being (SDG 3), life-long education and learning (SDG 4), gender equality (SDG 5), job opportunities for older people (SDG 8), age-inclusive infrastructure (SDG 9), equitable access to services (SDG 10), age-friendly environments and communities (SDG 11), age-friendly institutions (SDG 16), and partnerships across various sectors, investments, and stakeholders (SDG 17).²⁴⁹⁴

The current G20 commitment reflects pledges made by G20 leaders and previous summits and highlights its new commitment to “promote healthy and active ageing through policy measures to address health promotion.”²⁴⁹⁵ This commitment focuses on quality and recognizes that progress towards universal health coverage and the achievement of the SDGs are tied to approaching health with a life course perspective that recognizes that earlier life experiences influence the way people age.

Commitment Features

This commitment has two components: 1) healthy ageing and 2) active aging.

“Health” is understood to mean “the state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity.”²⁴⁹⁶ In the active ageing context, this refers to “policies and programmes that promote mental and social connections.”²⁴⁹⁷

²⁴⁹⁰ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁴⁹¹ World report on ageing and health 2015, World Health Organization (Geneva) 2015. Access Date: 9 April 2020. https://apps.who.int/iris/bitstream/handle/10665/186463/9789240694811_eng.pdf

²⁴⁹² Decade of Healthy Ageing 2020-2030: What is the Decade of Healthy Ageing? World Health Organization (Geneva). Access Date: 3 March 2020. <https://www.who.int/ageing/decade-of-healthy-ageing>

²⁴⁹³ Decade of Healthy Ageing 2020-2030, World Health Organization (Geneva). Access Date: 12 April 2020. https://www.who.int/docs/default-source/decade-of-healthy-ageing/final-decade-proposal/decade-proposal-final-apr2020-en.pdf?sfvrsn=b4b75ebc_3

²⁴⁹⁴ Decade of Healthy Ageing 2020-2030, World Health Organization (Geneva). Access Date: 12 April 2020. https://www.who.int/docs/default-source/decade-of-healthy-ageing/final-decade-proposal/decade-proposal-final-apr2020-en.pdf?sfvrsn=b4b75ebc_3

²⁴⁹⁵ G20 Osaka Leaders' Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

²⁴⁹⁶ Health Systems Strengthening Glossary, World Health Organization (Geneva). Access Date: 20 November 2019. https://www.who.int/healthsystems/hss_glossary/en/index5.html

“Promote” is understood to mean “support or renew old efforts or create new efforts in the area,” which implies that it should not have to be a brand new initiative.²⁴⁹⁸ It also refers to “[contributing] to growth or prosperity of, to help bring into being.”²⁴⁹⁹

“Healthy ageing” refers to “the process of developing and maintaining functional ability that enables wellbeing in older age.”²⁵⁰⁰ Wellbeing is understood in the broadest sense, which includes “happiness, satisfaction and fulfilment.”²⁵⁰¹ Functional ability encompasses an individual’s “intrinsic capacity” and “environmental characteristics.”²⁵⁰² The intrinsic capacity of an individual is “all the mental and physical capabilities that a person can draw on and includes their ability to walk, think, see hear and remember.”²⁵⁰³ By contrast, “environmental characteristics” encompass “the home, community and broader society, and all the factors within them such as the built environment, people and their relationships, attitudes and values, health and social policies, the systems that support them and the services that they implement.”²⁵⁰⁴ There are two ways to achieve functional ability: by supporting the development and maintenance of intrinsic capacity or by enabling individuals with functional ability challenges to do things that are meaningful to them.²⁵⁰⁵

Two considerations of healthy ageing include “diversity” and “inequity.”²⁵⁰⁶ There is “no typical older person” since people experience varying degrees of physical and mental incapacity, so policies should reflect the diversity in capacity of older people.²⁵⁰⁷ Policies that seek to improve the functional ability of older individuals should be inclusive of the varying capabilities of older individuals. Inequity addresses how one’s family, sex, ethnicity, level of education and financial resources shape their relationship with their environments.²⁵⁰⁸ Policies that promote health in terms of healthy ageing should seek to support and maintain autonomy and independence of ageing individuals, such as action on assistive devices and developing environments that support intrinsic capacity, with attention to diversity and inequity.

²⁴⁹⁷ Active Ageing: A Policy Framework (Geneva). Access Date: 10 December 2019.

https://www.who.int/ageing/publications/active_aging/en/

²⁴⁹⁸ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016. Access Date: 20 November 2019.

²⁴⁹⁹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 2 May 2016. Access Date: 20 November 2019.

²⁵⁰⁰ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰¹ World report on ageing and health 2015, World Health Organization (Geneva) 2015. Access Date: 9 April 2020.

https://apps.who.int/iris/bitstream/handle/10665/186463/9789240694811_eng.pdf?sequence=1

²⁵⁰² Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰³ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰⁴ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰⁵ World report on ageing and health 2015, World Health Organization (Geneva) 2015. Access Date: 9 April 2020. https://apps.who.int/iris/bitstream/handle/10665/186463/9789240694811_eng.pdf?sequence=1

²⁵⁰⁶ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰⁷ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

²⁵⁰⁸ Ageing and Life-Course: What is Healthy Ageing? World Health Organization (Geneva). Access Date: 10 December 2019. <https://www.who.int/ageing/healthy-ageing/en/>

“Active ageing” refers to “the process of optimizing opportunities for health, participation and security in order to enhance quality of life as people age,”²⁵⁰⁹ which embraces a life course perspective. The term “active” is understood to mean “continuing participation in social, economic, cultural, spiritual and civic affairs, not just the ability to be physically active or to participate in the labour force.”²⁵¹⁰ The WHO outlines six determinants of active ageing, specifically health and social service systems, the physical environment, and economic, behavioural, personal, and social factors.²⁵¹¹ Therefore, active ageing-related policy initiatives should “recognize the need to encourage and balance personal responsibility (self-care), age-friendly environments and intergenerational solidarity.”²⁵¹² Policies that promote active ageing should aim to support food and income security and encourage physical activity and social, economic, and cultural inclusion, which enable people to actively participate in their communities and improve their quality of life as they age. Active ageing policies should also aim to “reduce risk factors associated with major diseases and increase factors that protect health throughout the life course”; “develop a continuum of affordable, accessible, high-quality and age-friendly health and social services that address the needs and rights of people as they age”; and “provide training and education to caregivers.”²⁵¹³

To achieve full compliance, the G20 member is required to take action to strongly promote both healthy ageing and active ageing through policy measures. Strongly promoting healthy ageing means that the G20 member has taken policy action to fully address functional ability in terms of intrinsic capacity and environmental characteristics, with consideration to both equity and diversity. It also means that the G20 member has taken policy action to fully optimize health and enhance security, quality of life, and social, political, cultural, and/or economic inclusion of older people. Partial compliance entails the G20 member taking action on strongly promoting healthy ageing or strongly promoting active ageing or some aspects of both that constitute less than strongly promoting. No compliance constitutes taking no action on healthy ageing nor active ageing.

Scoring Guidelines

-1	G20 member has taken no policy action to promote healthy ageing OR to promote active ageing.
0	G20 member has taken policy action to strongly promote healthy ageing OR to strongly promote active ageing OR some of aspects of both that constitute less than strongly promoting.
+1	G20 member has taken policy action to promote healthy ageing AND to promote active ageing.

*Compliance Director: Susha Guan
Lead Analyst: Yiyao (Wenny) Jin*

Argentina: -1

Argentina has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

²⁵⁰⁹ Active Ageing: A Policy Framework, World Health Organization (Geneva). Access Date: 10 December 2019. https://www.who.int/ageing/publications/active_aging/en/

²⁵¹⁰ Active Ageing: A Policy Framework, World Health Organization (Geneva). Access Date: 10 December 2019. https://www.who.int/ageing/publications/active_aging/en/

²⁵¹¹ ²⁵¹¹ Active Ageing: A Policy Framework, World Health Organization (Geneva). Access Date: 10 December 2019. https://www.who.int/ageing/publications/active_aging/en/

²⁵¹² Active Ageing: A Policy Framework, World Health Organization (Geneva). Access Date: 10 December 2019. https://www.who.int/ageing/publications/active_aging/en/

²⁵¹³ Active Ageing: A Policy Framework, World Health Organization (Geneva). Access Date: 12 April 2020. https://www.who.int/ageing/publications/active_aging/en/

Argentina has not taken any substantial action to address healthy ageing nor active ageing through policy measures. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁵¹⁴

Thus, Argentina receives a score of -1.

Analyst: Ian Stansbury

Australia: +1

Australia has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 1 July 2019, the Australian government reformed its residential aged care standards with the implementation of “Aged Care Quality Standards” to improve the quality and safety of care for senior Australians in government-funded aged care under the Commonwealth Home Support Programme.²⁵¹⁵ In addition to these reforms, “a new basic daily fee will be set based on the customers home care package level, reducing fees by up to AUD400 for those on lower packages.”²⁵¹⁶

On 1 July 2019, the Australian government introduced a new Charter of Aged Care Rights that “enshrines 14 rights for senior Australians in care” in a format that is easy to read and replaces the former charters of care recipients’ rights and responsibilities for residential care, home care and short-term restorative care.²⁵¹⁷ The new charter is designed to “[make] it easier for aged care consumers (people receiving aged care services), families and carers to understand what they can expect from an aged care service provider.”²⁵¹⁸

On 8 July 2019, Minister for Indigenous Australians Ken Wyatt and Minister for Health Greg Hunt announced an investment of “more than AUD5.6 million in medical research focusing on healthy ageing for Aboriginal Torres Strait Islander peoples.”²⁵¹⁹ Through a culturally-sensitive approach to research, the National Health and Medical Research Council aims to “improve the health and experience of ageing of older Aboriginal and Torres Strait Islander peoples.”²⁵²⁰

²⁵¹⁴ This non-compliance was determined after a search of the following websites:
<https://www.argentina.gob.ar/buscar>, <https://www.clarin.com/>, <https://www.lanacion.com.ar/>,
<https://ar.reuters.com/>, and <https://www.nytimes.com/>

²⁵¹⁵ Delivering safety and quality in Australia’s aged care system, Ministers Department of Health (Canberra) 1 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-safety-and-quality-in-australias-aged-care-system>

²⁵¹⁶ Delivering safety and quality in Australia’s aged care system, Ministers Department of Health (Canberra) 1 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-safety-and-quality-in-australias-aged-care-system>

²⁵¹⁷ Delivering safety and quality in Australia’s aged care system, Ministers Department of Health (Canberra) 1 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-safety-and-quality-in-australias-aged-care-system>

²⁵¹⁸ Charter of Aged Care Rights, Older Persons Advocacy Network (Sydney) 1 July 2019. Access Date: 30 January 2020. <https://opan.com.au/charter/>

²⁵¹⁹ New research projects to focus on healthy ageing of Aboriginal and Torres Strait Islander Peoples, Australian Government Department of Health (Canberra) 8 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/news/new-research-projects-to-focus-on-healthy-ageing-of-aboriginal-and-torres-strait-islander-peoples>

²⁵²⁰ \$5.6 million for research into healthy ageing of Aboriginal and Torres Strait Islander Peoples, Ministers Department of Health (Canberra) 8 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/56-million-for-research-into-healthy-ageing-of-aboriginal-and-torres-strait-islander-peoples>

On 8 July 2019, Minister for Aged Care and Senior Australians Richard Colbeck and Senator for the Northern Territory Sam McMahon pledged AUD20 million to establish the Nhulunbuy Flexible Aged Care Service, which is a new aged care service implemented through the collaborative effort of the Commonwealth and Australian Regional and Remote Community Services, for Nhulunbuy in East Arnhem Land.²⁵²¹ The initiative aims to increase the capacity for culturally-sensitive aged care, enhance the quality of service and care and improve the accessibility of care for Indigenous Australians.²⁵²²

On 31 July 2019, the Australian government granted AUD1.8 million to the Walking Football One Million+ program, which was created through the partnership between Football Federation Australia and Active Ageing Australia.²⁵²³ The initiative aims to promote social inclusion and improve the physical activity and mental health of senior Australians by “[delivering] an additional one million active hours over the next two years” for older persons.²⁵²⁴

On 17 September 2019, Minister Colbeck pledged AUD150 million over three years to increase the access to entry-level home support of senior Australians.²⁵²⁵ Home support services will be delivered under the Common Home Support Programme, which is a program that provides entry-level home support for frail older persons.²⁵²⁶

On 29 October 2019, Minister Hunt announced the new mobile Medicare x-ray services available at residential aged care facilities beginning 1 November 2019.²⁵²⁷ According to Minister Colbeck, the initiative will improve the accessibility of medical treatment for senior Australians and save on costs.²⁵²⁸

On 15 November 2019, the Australian Institute of Health and Welfare released a first-time report entitled “Interfaces between the aged care and health systems in Australia — first results,” which

²⁵²¹ Delivering new aged care service for Nhulunbuy, Ministers Department of Health (Canberra) 8 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-new-aged-care-service-for-nhulunbuy>

²⁵²² Delivering new aged care service for Nhulunbuy, Ministers Department of Health (Canberra) 8 July 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-new-aged-care-service-for-nhulunbuy>

²⁵²³ Walking Football to deliver one million active hours for seniors, Ministers Department of Health (Canberra) 31 July 2019. Access Date 29 February 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/walking-football-to-deliver-one-million-active-hours-for-seniors>

²⁵²⁴ Walking Football to deliver one million active hours for seniors, Ministers Department of Health (Canberra) 31 July 2019. Access Date 29 February 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/walking-football-to-deliver-one-million-active-hours-for-seniors>

²⁵²⁵ Supporting Australians to live independently for longer, Australian Government Department of Health (Canberra) 17 September 2019. Access Date: 30 January 2020. <https://www.health.gov.au/news/supporting-more-australians-to-live-independently-for-longer>

²⁵²⁶ Delivering on our commitment to support more senior Australians to live independently for longer, Australian Government Department of Health (Canberra) 17 September 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/delivering-on-our-commitment-to-support-more-senior-australians-to-live-independently-for-longer>

²⁵²⁷ New Medicare support for older Australians, Ministers Department of Health (Canberra) 29 October 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/new-medicare-support-for-older-australians>

²⁵²⁸ New Medicare support for older Australians, Ministers Department of Health (Canberra) 29 October 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/new-medicare-support-for-older-australians>

examined the use of health services by older people using different types of aged care.²⁵²⁹ The report illustrated how data-based evidence can contribute to the development of social policy and strengthen the understanding of health and aged care, which can serve to enhance health services for older persons.²⁵³⁰

On 25 November 2019, as a response to the Interim Report of the Royal Commission into Aged Care Quality and Safety released on 31 October 2019, the Morrison Government announced an investment of AUD537 million into creating “10,000 home care packages”; “improv[ing] medication management and dementia training”; and reducing the number of younger people with disabilities entering residential aged care.²⁵³¹

On 5 December 2019, the government successfully secured the passage of the Aged Care Legislation Amendment (New Commissioner Functions) Bill 2019, which expands the Aged Care Quality and Safety Commission effective 1 January 2020.²⁵³² The bill expands the role of the Commissioner to include “approving all residential and home care providers; aged care compliance and enforcement actions; and the administration of the responsibilities of approved providers to report assaults.”²⁵³³ The expanded regulatory functions and additional powers of the Commissioner will ensure greater safety and quality.²⁵³⁴

On 11 December 2019, Acting Minister of Health Alan Tudge and Minister Colbeck, announced an investment of AUD22 million in research to improve aged care and health outcomes of older Australians.²⁵³⁵ Actions funded by this investment include research into intervention strategies for age-related disease and care for frail older persons.²⁵³⁶

On 16 December 2019, the Australian Institute of Health and Welfare and the Aged Care Quality and Safety Commission released a report, entitled “Consumers’ experience of residential aged care, Australia 2017-19,” which revealed the result of an independent analysis on residential consumer

²⁵²⁹ Exploring how older Australians in aged care use health services, Australian Government Australian Institute of Health and Welfare (Canberra) 15 November 2019. Access Date: 30 January 2020. <https://www.aihw.gov.au/news-media/media-releases/2019/november-1/exploring-how-older-australians-in-aged-care-use-h>

²⁵³⁰ Exploring how older Australians in aged care use health services, Australian Government Australian Institute of Health and Welfare (Canberra) 15 November 2019. Access Date: 30 January 2020. <https://www.aihw.gov.au/news-media/media-releases/2019/november-1/exploring-how-older-australians-in-aged-care-use-h>

²⁵³¹ Response to Aged Care Royal Commission Interim Report, Prime Ministers of Australia (Canberra) 25 November 2019. Access Date: 29 February 2020. <https://www.pm.gov.au/media/response-aged-care-royal-commission-interim-report>

²⁵³² Strengthening independent oversight of aged care, Ministers Department of Health (Canberra) 5 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/strengthening-independent-oversight-of-aged-care>

²⁵³³ Strengthening independent oversight of aged care, Ministers Department of Health (Canberra) 5 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/strengthening-independent-oversight-of-aged-care>

²⁵³⁴ Strengthening independent oversight of aged care, Ministers Department of Health (Canberra) 5 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/strengthening-independent-oversight-of-aged-care>

²⁵³⁵ \$22 million funding for ageing and aged care research, Ministers Department of Health (Canberra) 11 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/22-million-funding-for-ageing-and-aged-care-research>

²⁵³⁶ \$22 million funding for ageing and aged care research, Ministers Department of Health (Canberra) 11 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/22-million-funding-for-ageing-and-aged-care-research>

experience reports data. The report enables a better understanding of the experiences of older Australians living in residential aged care.²⁵³⁷

On 18 December 2019, Minister Colbeck announced the “availability of new government subsidised aged care places released as part of the 2020 Aged Care Approvals Round (ACAR).”²⁵³⁸ Minister Colbeck also announced an investment of AUD60 million to help residential aged care providers with infrastructure and building costs.²⁵³⁹

On 1 January 2020, Minister Colbeck announced a further investment of AUD623.9 million in the year of 2019-2020 in a “series of targeted measures” that aim to ensure quality of care.²⁵⁴⁰

On 17 January 2020, the Dementia, Ageing and Aged Care Mission released the draft Dementia, Ageing and Aged Care Mission Roadmap for public consultation.²⁵⁴¹ The consultation grants the Australian public the opportunity to evaluate the current strategy and assist the government in its planning for the prioritization of funding for critical dementia and aged care research.²⁵⁴²

On 31 January 2020, Minister Colbeck pledged AUD50 million towards a “targeted aged care Business Improvement Fund,” which will “[support] facilities and [improve] business operations.”²⁵⁴³ Funds will be used to implement new business strategies, maintain services during transfer of residence between providers and ensure the maintenance care standards during home closure.²⁵⁴⁴

On 6 February 2020, Minister Hunt announced the investment of AUD5.5 million in ten groundbreaking medical research projects aimed at “improving outcomes in mental health, dementia, aged care, cerebral palsy, diabetes and many more life-changing conditions.”²⁵⁴⁵ Additionally, AUD2.7 million will be provided to four international research projects aimed towards investigating

²⁵³⁷ Consumer experience of residential aged care explored in new report, Australian Government Australian Institute of Health and Welfare (Canberra) 16 December 2019. Access Date: 30 January 2020. <https://www.aihw.gov.au/news-media/media-releases/2019/december/consumer-experience-of-residential-aged-care-explo>

²⁵³⁸ Meeting future demand for residential aged care places, Ministers Department of Health (Canberra) 18 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/meeting-future-demand-for-residential-aged-care-places>

²⁵³⁹ Meeting future demand for residential aged care places, Ministers Department of Health (Canberra) 18 December 2019. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/meeting-future-demand-for-residential-aged-care-places>

²⁵⁴⁰ Important changes to improve the quality of aged care start today, Ministers Department of Health (Canberra) 1 January 2020. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/important-changes-to-improve-the-quality-of-aged-care-start-today>

²⁵⁴¹ Dementia, Ageing and Aged Care Mission Roadmap released for public consultation, Ministers Department of Health (Canberra) 17 January 2020. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/dementia-ageing-and-aged-care-mission-roadmap-released-for-public-consultation>

²⁵⁴² Dementia, Ageing and Aged Care Mission Roadmap released for public consultation, Ministers Department of Health (Canberra) 17 January 2020. Access Date: 30 January 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/dementia-ageing-and-aged-care-mission-roadmap-released-for-public-consultation>

²⁵⁴³ Targeted support to improve residential aged care services, Ministers Department of Health (Canberra) 31 January 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/targeted-support-to-improve-residential-age-care-services>

²⁵⁴⁴ Targeted support to improve residential aged care services, Ministers Department of Health (Canberra) 31 January 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/targeted-support-to-improve-residential-age-care-services>

²⁵⁴⁵ \$5.5 million for international research collaborations in human health, Ministers Department of Health (Canberra) 6 February 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/55-million-for-international-research-collaborations-in-human-health>

and improving personalized medicine and clinical trials to improve dementia diagnosis and treatment.²⁵⁴⁶

On 9 March 2020, Minister Colbeck and Commonwealth Chief Medical Officer Brendan Murphy convened the Aged Care COVID-19 Preparedness Forum to help ensure the “continued delivery of safe, quality care to senior Australians.”²⁵⁴⁷ Strategies of approach for aged care providers and the government were discussed and consolidated to protect those living in residences.

On 11 March 2020, the Australian government pledged AUD2.4 billion towards a health plan to fight COVID-19. The COVID-19 National Health Plan aims “to protect all Australians, including vulnerable groups such as the elderly, those with chronic conditions and Indigenous communities, from the coronavirus (COVID-19)”²⁵⁴⁸ and support “primary care, aged care, hospitals, research and the national medical stockpile.”²⁵⁴⁹ AUD101.2million of the AUD2.4 billion will go towards aged care as part of the front-line defense measures to “protect [aged care] residents, staff, and their families across the country.”²⁵⁵⁰ Additionally, the Morrison government is investing in national medical stockpile, which includes personal protective equipment for staff and a AUD30 million National Communications Campaign to inform citizens of the best practices for virus containment.²⁵⁵¹

On 12 March 2020, Minister Colbeck announced the opening of a new residential care facility at Wamuran in Queensland’s Southeast.²⁵⁵² The facility is part of a new development, Beaumont care, and also has a “secure memory support unit equipped to provide specialized care for those living with dementia” as one of its four interconnected homes.²⁵⁵³

On 18 March 2020, Minister Colbeck and Acting Minister Tudge jointly announced the relaxation of regulations regarding the hours that international students are allowed to work in the aged care sector.²⁵⁵⁴ This is to maintain the quality of care and protection afforded to senior Australians despite staff shortages due to COVID-19.

²⁵⁴⁶ \$5.5 million for international research collaborations in human health, Ministers Department of Health (Canberra) 6 February 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/55-million-for-international-research-collaborations-in-human-health>

²⁵⁴⁷ Statement from the Aged Care COVID-19, Ministers Department of Health (Canberra) 9 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/statement-from-the-aged-care-covid-19-preparedness-forum>

²⁵⁴⁸ \$2.4 Billion Health Plan to Fight COVID-19, Prime Minister of Australia (Canberra) 11 March 2020. Access Date: 29 March 2020. <https://www.pm.gov.au/media/24-billion-health-plan-fight-covid-19>

²⁵⁴⁹ 2.4 Billion Health Plan to Fight COVID-19, Prime Minister of Australia (Canberra) 11 March 2020. Access Date: 29 March 2020. <https://www.pm.gov.au/media/24-billion-health-plan-fight-covid-19>

²⁵⁵⁰ Funding boost for aged care set to strengthen defence against COVID-19, Ministers Department of Health (Canberra) 11 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/statement-from-the-aged-care-covid-19-preparedness-forum>

²⁵⁵¹ Funding boost for aged care set to strengthen defence against COVID-19, Ministers Department of Health (Canberra) 11 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/statement-from-the-aged-care-covid-19-preparedness-forum>

²⁵⁵² New residential aged care facility marks new era for Wamuran, Ministers Department of Health (Canberra) 12 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/new-residential-aged-care-facility-marks-new-era-for-wamuran>

²⁵⁵³ New residential aged care facility marks new era for Wamuran, Ministers Department of Health (Canberra) 12 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/new-residential-aged-care-facility-marks-new-era-for-wamuran>

²⁵⁵⁴ International students ready to fill critical staff shortages in aged care, Ministers Department of Health (Canberra) 18 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/international-students-ready-to-fill-critical-staff-shortages-in-aged-care>

On 18 March 2020, Minister Colbeck announced additional aged care visitation restrictions to protect residents from COVID-19, including the specification of protocol, locations for visitation and persons allowed to visit.²⁵⁵⁵ Additionally, facilities are encouraged to ensure the availability of alternative methods of visitation (e.g. video calls), to conduct screening of all visitors and to provide handwashing facilities and alcohol-based rubs at all entrances.²⁵⁵⁶

On 20 March 2020, Minister Colbeck announced AUD444.6 million to strengthen support for the aged care workforce, which will include “a COVID-19 ‘retention bonus’”²⁵⁵⁷ to support aged care providers, residential care support, and funding for the “Residential and Home Care Viability Supplements and the Homeless Supplement,”²⁵⁵⁸ including “equivalent viability funding increases for National Aboriginal and Torres Strait Islander Flexible Aged Care Program providers, Multi-Purpose Services and homeless providers.”²⁵⁵⁹

On 25 March 2020, Minister Colbeck announced that several measures will be postponed for at least six months, including the “Australian National Aged Care Classification (AN-ACC) assessment trial, the 2020 Aged Care Approval Round and the implementation of the home care payment alignment project”²⁵⁶⁰ as the Morrison Government deals with the COVID-19 pandemic.²⁵⁶¹

On 29 March 2020, Minister Colbeck announced a AUD1.1 billion funding package for senior Australians and young people, which will help them “stay healthy and connected”²⁵⁶² to their community to family, friends, and support services.²⁵⁶³

On 31 March 2020, Minister Hunt pledged AUD59.3 million towards funding for the Meals on Wheels initiative and similar meal delivery services for senior Australians, as they are urged to remain

²⁵⁵⁵ International students ready to fill critical staff shortages in aged care, Ministers Department of Health (Canberra) 18 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/international-students-ready-to-fill-critical-staff-shortages-in-aged-care>

²⁵⁵⁶ Strengthened guidelines to protect aged care residents, Ministers Department of Health (Canberra) 18 March 2020. Access Date: 19 March 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/strengthened-guidelines-to-protect-aged-care-residents>

²⁵⁵⁷ Measures to support Senior Australians and those who care for them, Ministers Department of Health (Canberra) 20 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/measures-to-support-senior-australians-and-those-who-care-for-them>

²⁵⁵⁸ Measures to support Senior Australians and those who care for them, Ministers Department of Health (Canberra) 20 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/measures-to-support-senior-australians-and-those-who-care-for-them>

²⁵⁵⁹ Measures to support Senior Australians and those who care for them, Ministers Department of Health (Canberra) 20 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/measures-to-support-senior-australians-and-those-who-care-for-them>

²⁵⁶⁰ Aged care activities pause due to COVID-19, Ministers Department of Health (Canberra) 27 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/aged-care-activities-pause-due-to-covid-19>

²⁵⁶¹ Aged care activities pause due to COVID-19, Ministers Department of Health (Canberra) 27 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/aged-care-activities-pause-due-to-covid-19>

²⁵⁶² Support to keep people active and healthy as COVID-19 restrictions continue, Ministers Department of Health (Canberra) 30 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/support-to-keep-people-active-and-healthy-as-covid-19-restrictions-continue>

²⁵⁶³ Support to keep people active and healthy as COVID-19 restrictions continue, Ministers Department of Health (Canberra) 30 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/senator-the-hon-richard-colbeck/media/support-to-keep-people-active-and-healthy-as-covid-19-restrictions-continue>

home in response to COVID-19.²⁵⁶⁴ The funding aims to provide “prepared meals, food staples and essential daily items,”²⁵⁶⁵ which will be delivered to seniors.²⁵⁶⁶

On 1 April 2020, Minister Hunt announced that the Australian Government has invested over AUD80 million in 2020 towards the National Immunization Program, which provides free flu vaccines, including the “quadrivalent vaccine Fluad Quad®”²⁵⁶⁷ for people who are 65 years of age or older.²⁵⁶⁸

Through pledges of funding, consistent and strong support of initiatives supporting the expansion of the accessibility of aged care, promotion of physical activity and social inclusion of older persons, improvements towards the experiences of both caretaker and care receiver, with attention to equity and diversity, Australia has fully complied with its commitment to promote healthy and active ageing through policy measures.

Thus, Australia receives a score of +1.

Analyst: Daisy Liu

Brazil: -1

Brazil has not complied with its commitment to promote healthy aging and active aging through policy measures to address health promotion.

Brazil has not taken any policy action to address healthy ageing nor active ageing. No actions were registered for this report after searching government publications, international organizations, online news sources, and relevant ministries.²⁵⁶⁹

Thus, Brazil receives a score of -1.

Analyst: Fatima Choban

Canada: +1

Canada has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 23 August 2019, Health Canada launched a three-year, micro-grant fund worth CAD300,000 to address the social and psychological aspects of palliative care.²⁵⁷⁰ The grant would foster

²⁵⁶⁴ Meals On Wheels programs reinforced to help senior Australians at home, Ministers Department of Health (Canberra) 31 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/meals-on-wheels-programs-reinforced-to-help-senior-australians-at-home>

²⁵⁶⁵ Meals On Wheels programs reinforced to help senior Australians at home, Ministers Department of Health (Canberra) 31 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/meals-on-wheels-programs-reinforced-to-help-senior-australians-at-home>

²⁵⁶⁶ Meals On Wheels programs reinforced to help senior Australians at home, Ministers Department of Health (Canberra) 31 March 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/meals-on-wheels-programs-reinforced-to-help-senior-australians-at-home>

²⁵⁶⁷ Flu vaccination more important than ever during the month of April, Ministers Department of Health (Canberra) 1 April 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/flu-vaccination-more-important-than-ever-during-the-month-of-april>

²⁵⁶⁸ Flu vaccination more important than ever during the month of April, Ministers Department of Health (Canberra) 1 April 2020. Access Date: 3 April 2020. <https://www.health.gov.au/ministers/the-hon-greg-hunt-mp/media/flu-vaccination-more-important-than-ever-during-the-month-of-april>

²⁵⁶⁹ This non-compliance was determined after a search of the following websites: <http://www.brazil.gov.br/>, <https://www.saude.gov.br/>, <https://br.reuters.com/>, and <https://riotimesonline.com/>

compassionate community-based initiatives that help members of the official language minority communities live in comfort and with dignity as well as provide “support before, during and following the death of a loved one.”²⁵⁷¹

On 21 January 2020, Minister of Seniors Deb Schulte and the Minister of Northern Affairs Dan Vandal pledged to invest CAD1.5 million to support approximately 100 projects in Manitoba, which aim to enhance the quality of life older persons and promote social inclusion.²⁵⁷² The “New Horizons for Seniors Program community-based stream” provides the funding for the projects.²⁵⁷³

On 31 January 2020, Minister of Health Patty Hajdu announced an investment of more than CAD4.6 million for various projects across Canada, which aim to improve the lives of those who live with dementia, their families, and their caregivers.²⁵⁷⁴

On 10 February 2020, Minister Schulte announced an investment of more than CAD3.4 million to help increase social inclusion of seniors in Nova Scotia.²⁵⁷⁵ The project will be led by the Dalhousie University College of Continuing Education.²⁵⁷⁶

On 14 February 2020, Minister Schulte announced an investment of CAD3 million for a project led by Schlegel-UW Research Institute for Aging.²⁵⁷⁷ The project is based in Waterloo, Ontario, and aims

²⁵⁷⁰ Health Canada announces micro grant fund for official language minority communities, Government of Canada (Ottawa) 23 August 2019. Access Date: 11 January 2020. <https://www.canada.ca/en/health-canada/news/2019/08/health-canada-announces-micro-grant-fund-for-official-language-minority-communities.html>

²⁵⁷¹ Health Canada announces micro grant fund for official language minority communities, Government of Canada (Ottawa) 23 August 2019. Access Date: 11 January 2020. <https://www.canada.ca/en/health-canada/news/2019/08/health-canada-announces-micro-grant-fund-for-official-language-minority-communities.html>

²⁵⁷² Minister Schulte announces 1.5 million for Manitoba seniors including upgrades to Southdale Community Centre, Government of Canada (Ottawa) 21 January 2020. Access Date: 8 February 2020.

<https://www.canada.ca/en/employment-social-development/news/2020/01/minister-schulte-announces-15-million-for-manitoba-seniors-including-upgrades-to-southdale-community-centre.html>

²⁵⁷³ Minister Schulte announces 1.5 million for Manitoba seniors including upgrades to Southdale Community Centre, Government of Canada (Ottawa) 21 January 2020. Access Date: 8 February 2020.

<https://www.canada.ca/en/employment-social-development/news/2020/01/minister-schulte-announces-15-million-for-manitoba-seniors-including-upgrades-to-southdale-community-centre.html>

²⁵⁷⁴ Government of Canada invests in projects to help Canadians living with Dementia and caregivers, Government of Canada (Ottawa) 21 January 2020. Access Date: 8 February 2020. <https://www.canada.ca/en/public-health/news/2020/01/government-of-canada-invests-in-projects-to-help-canadians-living-with-dementia-and-caregivers.html>

²⁵⁷⁵ Minister Schulte announces investment in project aiming to connect seniors and youth in Nova Scotia, Government of Canada (Ottawa) 10 February 2020. Access Date: 20 March 2020. <https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investment-in-project-aiming-to-connect-seniors-and-youth-in-nova-scotia.html>

²⁵⁷⁶ Minister Schulte announces investment in project aiming to connect seniors and youth in Nova Scotia, Government of Canada (Ottawa) 10 February 2020. Access Date: 20 March 2020. <https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investment-in-project-aiming-to-connect-seniors-and-youth-in-nova-scotia.html>

²⁵⁷⁷ Minister Schulte announces investment to support older adults living with dementia in the Waterloo region, Government of Canada (Ottawa) 14 February 2020. Access Date: 20 March 2020.

<https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investment-to-support-older-adults-living-with-dementia-in-the-waterloo-region.html>

to foster intergenerational partnerships between seniors living with mild to moderate dementia and their caregivers.²⁵⁷⁸

On 2 March 2020, Minister Schulte announced an investment of CAD9.3 million in seniors in British Columbia through the New Horizons for Seniors Program.²⁵⁷⁹ CAD4 million of the funding will go to Progressive Intercultural Community Services for a project which aims to increase social inclusion amongst multicultural seniors.²⁵⁸⁰

On 29 March 2020, the Government of Canada pledged CAD9 million to help Canadian seniors affected by COVID-19 through the New Horizons for Seniors Program at United Way Canada, which will provide essential services, such as delivering groceries, medications, or essential items, or connecting seniors to relevant community supports.²⁵⁸¹

Canada has taken actions to promote both healthy and active ageing through initiatives that promote equity and diversity, programs which enhance the living environments for seniors, including the family, their caregivers and the larger community, fostering social inclusion and improving their quality of life.

Thus, Canada receives a score of +1.

Analyst: Shafna Kallil

China: +1

China has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 15 July 2019, the State Council of China issued the official guideline regarding the implementation of the Healthy China Initiative.²⁵⁸² With an emphasis on disease prevention, chronic disease management and health promotion and education, the new guideline consists of 15 campaigns to directly target health-influencing factors and improve national health awareness.²⁵⁸³ The State Council also formed a committee, dedicated to the proper promotion, implementation,

²⁵⁷⁸ Minister Schulte announces investment to support older adults living with dementia in the Waterloo region, Government of Canada (Ottawa) 14 February 2020. Access Date: 20 March 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investment-to-support-older-adults-living-with-dementia-in-the-waterloo-region.html>

²⁵⁷⁹ Minister Schulte announces a \$9.3 million investment in British Columbia seniors through New Horizons for Seniors, Government of Canada (Ottawa) 2 March 2020. Access Date: 20 March 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investments-of-over-9-million-for-seniors-across-british-columbia-at-pics.html>

²⁵⁸⁰ Minister Schulte announces a \$9.3 million investment in British Columbia seniors through New Horizons for Seniors, Government of Canada (Ottawa) 2 March 2020. Access Date: 20 March 2020.
<https://www.canada.ca/en/employment-social-development/news/2020/02/minister-schulte-announces-investments-of-over-9-million-for-seniors-across-british-columbia-at-pics.html>

²⁵⁸¹ Prime Minister announces support for vulnerable Canadians affected by COVID-19, Justin Trudeau, Prime Minister of Canada (Ottawa) 29 March 2020. Access Date: 3 April 2020. <https://pm.gc.ca/en/news/news-releases/2020/03/29/prime-minister-announces-support-vulnerable-canadians-affected-covid>

²⁵⁸² Healthy China Initiative to Transform Industry, China Daily (Beijing) 24 July 2019. Access Date: 5 February 2020.
<http://global.chinadaily.com.cn/a/201907/24/WS5d37b165a310d83056400aa7.html>

²⁵⁸³ Healthy China Initiative to Transform Industry, China Daily (Beijing) 24 July 2019. Access Date: 5 February 2020.
<http://global.chinadaily.com.cn/a/201907/24/WS5d37b165a310d83056400aa7.html>

supervision and assessment of the Healthy China Initiative, which will conduct annual research to monitor the project and propose policy adjustments along the way.²⁵⁸⁴

On 21 August 2019, the State Council of China announced the scheduled establishment of a long-term elderly care mechanism comprised of improved training for elderly care workers, increased social benefits and insurance and increased subsidies for elderly citizens faced with economic difficulties.²⁵⁸⁵ The government aims to tackle the extreme deficit of workers in the aged care industry in addition to expanding care services to more effectively meet seniors' physiological, safety and social belonging needs.²⁵⁸⁶

On 27 August 2019, the National Health Commission issued two guidelines to urge medical and nursing services to more effectively evaluate the demands of elderly citizens and strengthen training programs for workers for aged care.²⁵⁸⁷ National Health Commission official Jiao Yahui stated that such guidelines were issued to meet the need for quality medical products and aged care services required among debilitated senior citizens.²⁵⁸⁸

On 19 September 2019, the National Health Commission alongside other relevant authorities announced their plan to issue a guideline to further the integration of medical institutions and nursing homes.²⁵⁸⁹ The new guideline will differentiate between medical and caregiving costs, however, it is expected to make health insurance reimbursement easier.²⁵⁹⁰ The government plans to incentivize the integration process through the provision of benefits and tax breaks for hybrid facilities.²⁵⁹¹

On 26 September 2019, Minister of Health Ma Xiaowei announced that health authorities across China will further concentrate their efforts in improving the quality and accessibility of rural healthcare services.²⁵⁹² By the end of 2020, another 1,000 county level hospitals will have been upgraded to tertiary hospitals, eliminating the need for patients in these counties with serious illnesses to travel long distances for treatment.²⁵⁹³ China's investment in the development of

²⁵⁸⁴ State Council forms committee for healthcare initiative, The State Council (Beijing) 15 July 2019. Access Date: 5 February 2020. <http://www.amgen.cn/en/media/amgen-aging.html>.

http://english.www.gov.cn/policies/latestreleases/201907/15/content_WS5d3968c1c6d08408f5022868.html.

²⁵⁸⁵ Elderly care services to be expanded, The State Council (Beijing) 27 August 2019. Access Date: 4 February 2020. http://www.chinadaily.com.cn/a/201908/27/WS5d648bb7a310cf3e35568083_2.html

²⁵⁸⁶ Elderly care services to be expanded, The State Council (Beijing) 27 August 2019. Access Date: 4 February 2020. http://www.chinadaily.com.cn/a/201908/27/WS5d648bb7a310cf3e35568083_2.html

²⁵⁸⁷ China promotes nursing services for debilitated senior citizens, China Daily (Beijing) 27 August 2019. Access Date: 3 February 2020. <http://www.chinadaily.com.cn/a/201908/27/WS5d6539e1a310cf3e355682f0.html>

²⁵⁸⁸ China promotes nursing services for debilitated senior citizens, China Daily (Beijing) 27 August 2019. Access Date: 3 February 2020. <http://www.chinadaily.com.cn/a/201908/27/WS5d6539e1a310cf3e355682f0.html>

²⁵⁸⁹ Efforts to improve senior care renewed, National health Commission of the PRC (Beijing) 19 September 2019. Access Date: 4 February 2020. http://en.nhc.gov.cn/2019-09/19/c_75697.htm

²⁵⁹⁰ Efforts to improve senior care renewed, National health Commission of the PRC (Beijing) 19 September 2019. Access Date: 4 February 2020. http://en.nhc.gov.cn/2019-09/19/c_75697.htm

²⁵⁹¹ Efforts to improve senior care renewed, National health Commission of the PRC (Beijing) 19 September 2019. Access Date: 4 February 2020. http://en.nhc.gov.cn/2019-09/19/c_75697.htm

²⁵⁹² Chinese health authorities to prioritize rural development, China Daily (Beijing) 29 September 2019. Access Date: 5 February 2020. <https://www.chinadaily.com.cn/a/201909/26/WS5d8cb75aa310cf3e3556db2d.html>

²⁵⁹³ Chinese health authorities to prioritize rural development, China Daily (Beijing) 29 September 2019. Access Date: 5 February 2020. <https://www.chinadaily.com.cn/a/201909/26/WS5d8cb75aa310cf3e3556db2d.html>

healthcare services in rural areas is essential to a more even distribution in medical resources and thus a more equitable and accessible healthcare system.²⁵⁹⁴

On 9 October 2019, the National Health Commission stated that China has taken action in decreasing patients' expenses in treating high blood pressure and diabetes.²⁵⁹⁵ Patients suffering from these two chronic illnesses will have 50 per cent of their spending on medicine reimbursed.²⁵⁹⁶ These measures were also made with the intention to improve the health of the elderly population, as over 180 million elderly citizens in China suffer from such chronic illnesses.²⁵⁹⁷

On 11 October 2019, the National Health Commission announced the expansion of a pilot terminal care program into an additional 71 cities and municipal districts with the goal of advancing healthcare for the elderly.²⁵⁹⁸ More specifically, this program aims to ensure that senior citizens who are dying and/or suffering from terminal illnesses will have their "physical and mental needs better taken care of so that they can pass away with comfort and dignity."²⁵⁹⁹

On 11 October 2019, the National Health Commission announced that China will ramp up its efforts in building more accessible and elderly-friendly medical facilities.²⁶⁰⁰ It encourages all medical institutions to implement changes to provide seniors with more convenient and tailored medical services.²⁶⁰¹

On 18 October 2019, the National Health Commission officially launched an information system for the registration of the treatment of rare diseases in an effort to improve the quality of their diagnoses and treatment.²⁶⁰² Over 300 hospitals will come together in a collaborative network for rare diseases and will be required to register all information on patients with rare diseases effective 1 November 2019 and to complete the registration of all patients treated with rare diseases since 2015 by the end of 2019.²⁶⁰³

On 8 November 2019, Minister of Health Ma Xiaowei met with Italy's Minister of Health Roberto Speranza to sign the Implementation Programme of the Plan of Action for the years 2019 to 2021,

²⁵⁹⁴ Chinese health authorities to prioritize rural development, China Daily (Beijing) 29 September 2019. Access Date: 5 February 2020. <https://www.chinadaily.com.cn/a/201909/26/WS5d8cb75aa310cf3e3556db2d.html>

²⁵⁹⁵ China to ease burden of patients with high blood pressure, diabetes, Xinhua News Agency (Beijing) 9 October 2019. Access Date: 5 February 2020. http://www.xinhuanet.com/english/2019-10/09/c_138457397.htm

²⁵⁹⁶ China to ease burden of patients with high blood pressure, diabetes, Xinhua News Agency (Beijing) 9 October 2019. Access Date: 5 February 2020. http://www.xinhuanet.com/english/2019-10/09/c_138457397.htm

²⁵⁹⁷ China to ease burden of patients with high blood pressure, diabetes, Xinhua News Agency (Beijing) 9 October 2019. Access Date: 5 February 2020. http://www.xinhuanet.com/english/2019-10/09/c_138457397.htm

²⁵⁹⁸ China expands pilot terminal care program, Xinhua News Agency (Beijing) 11 October 2019. Access Date: 7 February 2020. http://www.xinhuanet.com/english/2019-10/11/c_138464379.htm

²⁵⁹⁹ China expands pilot terminal care program, Xinhua News Agency (Beijing) 11 October 2019. Access Date: 7 February 2020. http://www.xinhuanet.com/english/2019-10/11/c_138464379.htm

²⁶⁰⁰ China to make medical institutions elderly-friendly, Xinhua News Agency (Beijing) 11 October 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-10/11/c_138464358.htm

²⁶⁰¹ China to make medical institutions elderly-friendly, Xinhua News Agency (Beijing) 11 October 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-10/11/c_138464358.htm

²⁶⁰² China to register treatment of rare diseases, Xinhua News Agency (Beijing) 18 October 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-10/18/c_138483128.htm

²⁶⁰³ China to register treatment of rare diseases, Xinhua News Agency (Beijing) 18 October 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-10/18/c_138483128.htm

which aims to establish healthcare cooperation between Italy and China to sectors such as oncology, cardiology and primary care.²⁶⁰⁴

On 21 November 2019, the Communist Party of China and the State Council announced that the basic institutional framework for a proactive response to population ageing will be established by 2022.²⁶⁰⁵ The plan aims to combat population ageing through five main aspects: establishing a more sustainable and equitable social security system, establishing a high-quality and comprehensive health service system, promoting the “development of assistive technologies for senior citizens,”²⁶⁰⁶ “[improving] the legal system to protect the lawful rights and interests of senior citizens,”²⁶⁰⁷ and “improving the effective supply of labour in an ageing society”²⁶⁰⁸ through the implementation of a “lifelong learning system for senior citizens.”²⁶⁰⁹

On 22 November 2019, China National Health Development Research Center signed a Memorandum of Understanding with Amgen to launch the “Program of Building of High-Quality and Efficient Health Service System and Empirical Study in the Context of Ageing,” a three year program, which aims to improve the health outcomes and quality of care through the establishment of “an integrated, high-quality ageing service system.”²⁶¹⁰

China has taken multiple policy actions to promote healthy and active, with attention to equity and diversity, through improving quality of care for older persons, enhancing healthcare frameworks, intervening in age-related diseases, and creating age-friendly environments that address the functional ability of debilitated old people. China has also addressed political inclusion of older people through a plan, which will be established in 2022, that aims to improve legal rights of senior citizens.

Thus, China receives a score of +1.

Analyst: Daisy Zhou

France: 0

France has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 3 July 2019, Minister of Social Affairs and Health Agnès Buzyn made a speech to parliamentarians and industry experts on reforms being taken towards providing the elderly with a

²⁶⁰⁴ Italia-Cina, incontro tra i ministri della Salute Roberto Speranza e Ma Xiaowei, Ministero della Salute (Rome) 8 November 2019. Access Date: 29 February 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3956

²⁶⁰⁵ China unveils plan for tackling population aging, Xinhua News Agency (Beijing) 21 November 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-11/21/c_138573146.htm

²⁶⁰⁶ China unveils plan for tackling population aging, Xinhua News Agency (Beijing) 21 November 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-11/21/c_138573146.htm

²⁶⁰⁷ China unveils plan for tackling population aging, Xinhua News Agency (Beijing) 21 November 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-11/21/c_138573146.htm

²⁶⁰⁸ China unveils plan for tackling population aging, Xinhua News Agency (Beijing) 21 November 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-11/21/c_138573146.htm

²⁶⁰⁹ China unveils plan for tackling population aging, Xinhua News Agency (Beijing) 21 November 2019. Access Date: 4 February 2020. http://www.xinhuanet.com/english/2019-11/21/c_138573146.htm

²⁶¹⁰ Program of Building of High-Quality and Efficient Health Service System and Empirical Study in the Context of Aging Kicked off in Beijing, Amgen (Beijing) 22 November 2019. Access Date: 29 February 2019.

<http://www.amgen.cn/en/media/amgen-aging.html>

sense of autonomy.²⁶¹¹ Minister Buzyn announced various plans moving forward, including the revitalization of home support services, calling for versatility, flexibility and more coordination to improve the lives of the elderly as well as reduce their loss of autonomy.²⁶¹²

On 20 December 2019, Minister Buzyn met with the monitoring group of the Emergency Refoundation Pact, dedicated to revitalizing the French health system.²⁶¹³ At the meeting, several new measures were discussed and undertaken, including that all establishments with an emergency service must implement direct admission procedures for elderly patients, allowing them to bypass emergency room services, by the end of 2020.²⁶¹⁴

On 16 January 2020, Minister Buzyn announced several strategies to prevent the elders' loss of autonomy and aid healthy ageing, including two projects for 2020 and 2021.²⁶¹⁵ The first project aims to reduce the number of emergency visits for 'dependent elderly people' to zero within five years.²⁶¹⁶ The second project aims to address all components of healthy ageing, with a focus on increasing accesses to glasses and hearing aids for the elderly.²⁶¹⁷

France has taken actions to promote healthy and active ageing, such as home support and emergency services for the elderly that promote seniors' autonomy, preventive healthcare measures, and assistive technologies. However, no policy actions have been taken towards the promotion of active ageing in terms of social, political, economic, and/or cultural inclusion.

Thus, France receives a score of 0.

Analyst: Ian Stansbury

Germany: 0

Germany has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 1 July 2019, the Government of Germany announced that those employed in low-paying jobs, or "midijobs," which earn EUR450 to EUR850 per month would receive full pension entitlements

²⁶¹¹ Discours de Madame Agnès BUZYN — Grand âge et autonomie, Ministry of Social Affairs and Health (Paris) 3 July 2019. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/discours/article/discours-de-madame-agnes-buzyn-grand-age-et-autonomie>

²⁶¹² Discours de Madame Agnès BUZYN — Grand âge et autonomie, Ministry of Social Affairs and Health (Paris) 3 July 2019. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/discours/article/discours-de-madame-agnes-buzyn-grand-age-et-autonomie>

²⁶¹³ Pacte de refondation des urgences — 20 décembre 2019, Ministry of Social Affairs and Health (Paris) 20 December 2019. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/pacte-de-refondation-des-urgences-20-decembre-2019>

²⁶¹⁴ Pacte de refondation des urgences — 20 décembre 2019, Ministry of Social Affairs and Health (Paris) 20 December 2019. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/pacte-de-refondation-des-urgences-20-decembre-2019>

²⁶¹⁵ Discours d'Agnès Buzyn : Stratégie de prévention de la perte d'autonomie — 16 janvier 2020, Ministry of Social Affairs and Health (Paris) 16 January 2020. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/discours/article/discours-d-agnes-buzyn-strategie-de-prevention-de-la-perte-d-autonomie-16>

²⁶¹⁶ Discours d'Agnès Buzyn : Stratégie de prévention de la perte d'autonomie — 16 janvier 2020, Ministry of Social Affairs and Health (Paris) 16 January 2020. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/discours/article/discours-d-agnes-buzyn-strategie-de-prevention-de-la-perte-d-autonomie-16>

²⁶¹⁷ Discours d'Agnès Buzyn : Stratégie de prévention de la perte d'autonomie — 16 janvier 2020, Ministry of Social Affairs and Health (Paris) 16 January 2020. Access Date: 22 March 2020. <https://solidarites-sante.gouv.fr/actualites/presse/discours/article/discours-d-agnes-buzyn-strategie-de-prevention-de-la-perte-d-autonomie-16>

despite contributing to social security at a lower rate.²⁶¹⁸ The initiative is a response to population ageing, specifically the increase of the retirement age to 67 by 2031.²⁶¹⁹ It addresses the risk of old-age poverty and financial sustainability challenges to the public pension scheme and aims to increase pension coverage and promote social protection for vulnerable groups.²⁶²⁰

From 23 to 24 September 2019, the German Federal Ministry for Families, Senior citizens, Women and Youth hosted a “Peer Review on ‘Strategies for supporting social inclusion at older age,’”²⁶²¹ which engaged experts from “Belgium, Cyprus, Czech Republic, France, Hungary, Lithuania, Malta, the Netherlands and Romania” as well as European Commission and representatives from non-governmental organizations in discussions of national and local projects and strategies to promote social inclusion of older persons.²⁶²² The peer review identified groups at risk to social isolation and exclusion and discussed strategies, policies and practices and targeted activities that promote social inclusion, such as digital literacy to encourage digital inclusion.²⁶²³

On 29 November 2019, the Government of Germany adopted the Digital Healthcare Act, which supports government funded healthcare apps, video consultations with healthcare providers and a country-wide electronic patient medical record network.²⁶²⁴ The Government of Germany will also promote digital health literacy education to insured persons, which would enable them to use digital healthcare programs.²⁶²⁵

Germany has made taken some policy action to promote active ageing by improving pensions and digitalization of healthcare. However, it has not taken action to promote healthy ageing in terms of supporting functional ability.

Thus, Germany receives a score of 0.

Analyst: Rachael Mannie

India: 0

India has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

²⁶¹⁸ Pensions at a Glance: How does Germany compare?, OECD (Paris) 27 November 2019. Access Date: 4 February 2020. <https://www.oecd.org/germany/PAG2019-DEU.pdf>

²⁶¹⁹ Pensions at a Glance: How does Germany compare?, OECD (Paris) 27 November 2019. Access Date: 4 February 2020. <https://www.oecd.org/germany/PAG2019-DEU.pdf>

²⁶²⁰ Pensions at a Glance: How does Germany compare?, OECD (Paris) 27 November 2019. Access Date: 4 February 2020. <https://www.oecd.org/germany/PAG2019-DEU.pdf>

²⁶²¹ Peer Review on “Strategies for supporting social inclusion at older age”, European Commission (Berlin), 23-24 September 2019. Access Date: 29 February 2019.

<https://ec.europa.eu/social/main.jsp?langId=en&catId=1024&furtherNews=yes&newsId=9418>

²⁶²² Peer Review on “Strategies for supporting social inclusion at older age”, European Commission (Berlin), 23-24 September 2019. Access Date: 29 February 2019.

<https://ec.europa.eu/social/main.jsp?langId=en&catId=1024&furtherNews=yes&newsId=9418>

²⁶²³ Executive Summary — Peer Review on ‘Strategies for supporting social inclusion at older age’ (Berlin), 23-24 September 2019. Access Date: 29 February 2019.

<https://ec.europa.eu/social/main.jsp?catId=1024&langId=en&newsId=9418&moreDocuments=yes&tableName=news>

²⁶²⁴ Driving the digital transformation of Germany’s healthcare system for the good of patients, Federal Ministry of Health (Bonne) 3 December 2019. Access Date: 29 January 2020.

<https://www.bundesgesundheitsministerium.de/en/en/topics/digital-healthcare-act-dvg.html>

²⁶²⁵ Driving the digital transformation of Germany’s healthcare system for the good of patients, Federal Ministry of Health (Bonne) 3 December 2019. Access Date: 29 January 2020.

<https://www.bundesgesundheitsministerium.de/en/en/topics/digital-healthcare-act-dvg.html>

On 4 July 2019, Minister of Finance and Corporate Affairs Nirmala Sitharaman announced a prospective increase of the minimum retirement age for public sector workers while presenting the Economic Survey of 2018-19.²⁶²⁶ The Government of India seeks to reduce dependency on state pensions owing to projections indicating an increase in the country's population over the age of 60 to 234.9 million people by 2041.²⁶²⁷

On 18 July 2019, the Ministry of Health and Family Welfare exchanged a Memorandum of Understanding with the Ministry of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy, the Ministry of Defence, and Ministry of Railways to enhance inter-ministerial cooperation towards the eradication of tuberculosis in India by 2025.²⁶²⁸

On 9 October 2019, Union Minister for Health and Family Welfare Harsh Vardhan announced the launch of "The WHO India Country Cooperation Strategy 2019–2023: A Time of Transition."²⁶²⁹ The Country Cooperation Strategy aims to provide a framework for the WHO to cooperate with the Government of India towards health sector objectives that improve India's population health and the health sector. Minister Vardhan declared four areas of collaboration with the WHO, specifically, "to accelerate progress on UHC [universal health coverage]; to promote health and wellness by addressing determinants of health; to protect the population better against health emergencies; and to enhance India's global leadership in health."²⁶³⁰

On 11 December 2019, Minister of Social Justice and Empowerment Thawarchand Gehlot introduced the Maintenance and Welfare of Parents and Senior Citizens (Amendment) Bill, 2019 in the House of the People.²⁶³¹ The bill amends the Maintenance and Welfare of Parents and Senior Citizens Act, 2007, which mandates the care of elderly parents by adult children or the provision of financial support for the same.²⁶³² It creates administrative tribunals to resolve disputes between parents and children over maintenance amounts, increases criminal penalties for children who default on payments, establishes "senior citizen care" homes and reserves facilities for senior citizens in public hospitals.²⁶³³

²⁶²⁶ Economic Survey suggests increasing the retirement age could be considered given that life expectancy is likely to continue rising, Press Information Bureau of the Government of India (New Delhi) 4 July 2019. Access Date: 9 February 2020. <https://pib.gov.in/newsite/PrintRelease.aspx?relid=191197>

²⁶²⁷ Indian govt warns of ageing population; says retirement age should rise, schools merge, Reuters (New Delhi) 4 July 2019. Access Date: 9 February 2020. <https://www.reuters.com/article/india-economy-aging/indian-govt-warns-of-ageing-population-says-retirement-age-should-rise-schools-merge-idUSL4N2452BT>

²⁶²⁸ Health Ministry signs MoUs with three Ministries for enhanced cooperation to end TB by 2025, Press Information Bureau of the Government of India (New Delhi) 18 July 2019. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶²⁹ Dr. Harsh Vardhan launches WHO IndiaCountry Cooperation Strategy 2019–2023, Press Information Bureau of the Government of India (New Delhi) 9 October 2019. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶³⁰ Dr. Harsh Vardhan launches WHO IndiaCountry Cooperation Strategy 2019–2023, Press Information Bureau of the Government of India (New Delhi) 9 October 2019. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶³¹ The Maintenance and Welfare of Parents and Senior Citizens (Amendment) Bill, 2019, PRS Legislative Research (New Delhi) 23 December 2019. Access Date: 9 February 2020. <https://prsindia.org/billtrack/maintenance-and-welfare-parents-and-senior-citizens-amendment-bill-2019>

²⁶³² The Maintenance and Welfare of Parents and Senior Citizens (Amendment) Bill, 2019, PRS Legislative Research (New Delhi) 23 December 2019. Access Date: 9 February 2020. <https://prsindia.org/billtrack/maintenance-and-welfare-parents-and-senior-citizens-amendment-bill-2019>

²⁶³³ The Maintenance and Welfare of Parents and Senior Citizens (Amendment) Bill, 2019, PRS Legislative Research (New Delhi) 23 December 2019. Access Date: 9 February 2020. <https://prsindia.org/billtrack/maintenance-and-welfare-parents-and-senior-citizens-amendment-bill-2019>

On 4 February 2020, the Ministry of Health and Family Welfare announced that 100,000 Sub Health Centres and Primary Health Centres will become Health and Wellness Centres across the country, which will facilitate operations and delivery of comprehensive primary health care.²⁶³⁴ It provides preventive healthcare services and promotes health at the community-level, and a continuum care approach will be implemented by December 2022.²⁶³⁵

On 29 February 2020, Prime Minister Narendra Modi distributed aids and assistive devices at a mega distribution camp in Prayagraj, Uttar Pradesh to an estimated 27,000 Divyangjan and senior citizens.²⁶³⁶ This initiative aims to support senior citizens and disabled persons under the Rashtriya Vayoshri Yojana and the Assistance to Disabled Persons for Purchasing/Fitting of Aids/Appliances schemes.²⁶³⁷

On 3 March 2020, the Ministry of Health and Family announced that it is implementing the National Programme for Health Care of the Elderly at the various levels of health facilities.²⁶³⁸ This initiative recognizes the health care needs specific to the elderly and provides facilities dedicated towards the elderly population. The program, which will be implemented in 713 districts of India, aims “to provide accessible, affordable, comprehensive and dedicated health care services.”²⁶³⁹ For tertiary-level health care facilities, 19 Regional Geriatric Centres and 2 National Centers for Ageing have been approved for implementation.²⁶⁴⁰

India has taken some policy actions towards the promotion of healthy ageing through programs that support preventive healthcare, the development of more Health and Wellness centres, and the distribution of assistive devices. However, India has taken no policy action towards active ageing in terms of social, political, cultural, and/or economic inclusion.

Thus, India receives a score of 0.

Analyst: Arjun Singh

Indonesia: -1

Indonesia has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

²⁶³⁴ Opening of Wellness Centres under Ayushman Bharat Yojana, Press Information Bureau of the Government of India (New Delhi) 4 February 2020. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶³⁵ Opening of Wellness Centres under Ayushman Bharat Yojana, Press Information Bureau of the Government of India (New Delhi) 4 February 2020. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶³⁶ PM distributes Aids & Assistive Devices to Divyangjan and Senior Citizens at a mega distribution camp (Samajik Adhikarta Shivir) in Prayagraj Uttar Pradesh, Press Information Bureau of the Government of India (New Delhi) 29 February 2020. Access Date: 29 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1604733>

²⁶³⁷ PM distributes Aids & Assistive Devices to Divyangjan and Senior Citizens at a mega distribution camp (Samajik Adhikarta Shivir) in Prayagraj Uttar Pradesh, Press Information Bureau of the Government of India (New Delhi) 29 February 2020. Access Date: 29 February 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1604733>

²⁶³⁸ Health Issues Related to Senior Citizens, Press Information Bureau of the Government of India (New Delhi) 3 March 2020. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶³⁹ Health Issues Related to Senior Citizens, Press Information Bureau of the Government of India (New Delhi) 3 March 2020. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

²⁶⁴⁰ Health Issues Related to Senior Citizens, Press Information Bureau of the Government of India (New Delhi) 3 March 2020. Access Date: 3 April 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1605657>

Indonesia has not taken any policy actions to address healthy ageing nor active ageing. No actions were found for this report after searching online news sources, government publications, ministries, and international organizations.²⁶⁴¹

Thus, Indonesia receives a score of -1.

Analyst: Shafna Kallil

Italy: -1

Italy has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 21 October 2019, at the G20 Ministers of Health meeting in Okayama, Japan, Italian Minister of Health Roberto Speranza declared “health as a fundamental right of the individuals and an interest to the community,” and that the Italian government would defend the principle of universality of the national health coverage and to this end has invested new resources dedicated to healthcare in the last budget plan.²⁶⁴² The meeting also addressed the issue of population ageing.²⁶⁴³ Minister Speranza declared that Italy has adopted a “global strategy” that aims to undertake collaborative efforts of various sectors in society and health systems to address disease prevention and treatment, and that Italy will address dementia as a priority.²⁶⁴⁴

On 8 November 2019, Minister of Health Roberto Speranza met with China’s Minister of Health Ma Xiaowei to sign the Implementation Programme of the Plan of Action for the years 2019 to 2021, which aims to establish healthcare cooperation between Italy and China to sectors such as oncology, cardiology, and primary care.²⁶⁴⁵

On 4 February 2020, the Istituto Superiore di Sanità introduced an application which allows health and social workers to identify elderly people at risk of frailty.²⁶⁴⁶ Funded by the Ministry of Health, the application uses a “Physical Activity Scale for the Elderly” questionnaire to identify physical activity levels of people over the age of 64 and direct them towards appropriate methods of performing physical activities.²⁶⁴⁷

Italy has reaffirmed its commitment to health systems and taken action to promote active ageing through collaborating with China on healthcare cooperation. While Italy has funded a project to

²⁶⁴¹ This non-compliance was determined after a search of the following websites: <https://www.presidentri.go.id/>, <https://jakartaglobe.id/>, and <https://www.insideindonesia.org/>

²⁶⁴² G20 sanità. Speranza: "Tutela salute individuo è alla base nostra Costituzione", Ministero della Salute (Rome) 21 October 2019. Access Date: 29 February 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3934

²⁶⁴³ G20 sanità. Speranza: "Tutela salute individuo è alla base nostra Costituzione", Ministero della Salute (Rome) 21 October 2019. Access Date: 29 February 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3934

²⁶⁴⁴ G20 sanità. Speranza: "Tutela salute individuo è alla base nostra Costituzione", Ministero della Salute (Rome) 21 October 2019. Access Date: 29 February 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3934

²⁶⁴⁵ Italia-Cina, incontro tra i ministri della Salute Roberto Speranza e Ma Xiaowei, Ministero della Salute (Rome) 8 November 2019. Access Date: 29 February 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3956

²⁶⁴⁶ The quality of life seen by people aged 65 and over, The portal of epidemiology for public health by the Higher Institute of Health (Rome) 13 February 2020. Access Date: 20 March 2020. <https://www.epicentro.iss.it/passì-argento/>

²⁶⁴⁷ From the ISS an APP to counter the risk of frailty among the elderly, The portal of epidemiology for public health by the Higher Institute of Health (Rome) 13 February 2020. Access Date: 20 March 2020.

<https://www.epicentro.iss.it/passì-argento/info/app-fraililità>

promote active aging, it has not made substantive progress on the promotion of healthy and active ageing through policy measures.

Thus, Italy receives a score of -1.

Analyst: Zartash Jamal

Japan: +1

Japan has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 30 August 2019, the Ministry of Health, Labour and Welfare selected four organizations to implement the “Lifelong Active Promotion Regional Collaboration Project (for the Second Recruitment in the First Year of Reiwa).”²⁶⁴⁸ The program aims to promote employment opportunities for elderly people and support their active role in the workplace.²⁶⁴⁹

On 30 October 2019, Prime Minister Shinzo Abe called on cabinet ministers to speed up the work on introducing driver’s licences that restrict senior drivers to only drive vehicles with safe support functions.²⁶⁵⁰

On 21 November 2019, the Japanese government announced plans to subsidize the purchase of cars with safety functions for Japanese citizens aged 65 or over.²⁶⁵¹ Vehicles with safety features will allow senior residents to continue to drive while also reducing the number of fatal traffic accidents caused by the elderly.²⁶⁵²

On 17 December 2019, in response to the rise in car accidents associated with senior drivers, the Ministry of Land, Infrastructure, Transport and Tourism declared that it would apply the United Nations international standard on automatic breaks, requiring domestic automakers to equip passenger cars with automatic breaks by November 2021.²⁶⁵³

On 4 February 2020, the Cabinet approved bills to encourage businesses to allow employees to work until 70 years of age, which will go into effect in April 2021.²⁶⁵⁴ While the adoption of the bills is not

²⁶⁴⁸ 「生涯現役促進地域連携事業（令和元年度開始分・2次募集）」の実施団体候補として4団体を決定, Ministry of Health, Labour and Welfare (Tokyo) 30 August 2019. Access Date: 11 January 2020.

https://www.mhlw.go.jp/stf/houdou/0000207424_00006.html

²⁶⁴⁹ 「生涯現役促進地域連携事業（令和元年度開始分・2次募集）」の実施団体候補として4団体を決定, Ministry of Health, Labour and Welfare (Tokyo) 30 August 2019. Access Date: 11 January 2020.

https://www.mhlw.go.jp/stf/houdou/0000207424_00006.html

²⁶⁵⁰ After accidents involving elderly, Japan eyes license restricting drivers to cars with safety features, The Japan Times (Tokyo) 30 October 2019. Access Date: 11 January 2020.

<https://www.japantimes.co.jp/news/2019/10/30/national/japan-drivers-license-for-elderly/-Xj78rVJKjOR>

²⁶⁵¹ Japan aims to offer subsidies to elderly drivers for cars with safety systems, The Japan Times (Tokyo) 21 November 2019. Access Date: 11 January 2020. <https://www.japantimes.co.jp/news/2019/11/21/national/japan-subsidies-to-elderly-drivers-for-safer-cars/-Xj47l1JKhQI>

²⁶⁵² Japan aims to offer subsidies to elderly drivers for cars with safety systems, The Japan Times (Tokyo) 21 November 2019. Access Date: 11 January 2020. <https://www.japantimes.co.jp/news/2019/11/21/national/japan-subsidies-to-elderly-drivers-for-safer-cars/-Xj47l1JKhQI>

²⁶⁵³ With eye on elderly, Japan to make automatic brakes mandatory for new cars from late 2021, The Japan Times (Tokyo) 17 December 2019. Access Date: 11 January 2020.

<https://www.japantimes.co.jp/news/2019/12/17/national/japan-automatic-brakes-new-cars-2021/-Xj47iVJKhQI>

²⁶⁵⁴ Japan to amend laws to help elderly work until 70, The Japan Times (Tokyo) 4 February 2020. Access Date: 7 February 2020. <https://www.japantimes.co.jp/news/2020/02/04/national/japan-amend-laws-elderly-work-until-70/-Xj74sVJKhQJ>

mandatory, the bills urge business to choose from five options such as raising the retirement age, removing the retirement age, or allowing senior employees to continue working after the current age limit.²⁶⁵⁵

Japan has taken action to promote healthy ageing through policies on safety measures that aim to improve senior citizens' ability to drive, which encourages independence and functional ability. Japan has also supported the development of community-based projects, which promote elderly citizens' employment opportunities and support their continued economic participation, enabling their active participation in society.

Thus, Japan receives a score of +1.

Analyst: Fatima Chohan

Korea: +1

Korea has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 3 July 2019, the government of Korea announced an increase in employment programs for low-income people, including older adults.²⁶⁵⁶

On 4 September 2019, the Ministry of Science Technology and Information Communications announced an increase in funding for research in the pharmaceutical sector to KRW1.15 trillion.²⁶⁵⁷ This includes an increase to KRW93.8 billion dedicated to the development of “full life cycle medical devices.”²⁶⁵⁸

On 18 September 2019, the Government of Korea announced that it will set up incentives for companies that hire older adults aged 60 or older.²⁶⁵⁹ The Government of Korea will invest KRW19.2 billion for this initiative.²⁶⁶⁰

On 18 September 2019, Deputy Prime Minister Hong Nam-ki announced measures to manage demographic changes.²⁶⁶¹ These measures include developing “smart workplaces” for older adult

²⁶⁵⁵ Japan to amend laws to help elderly work until 70, The Japan Times (Tokyo) 4 February 2020. Access Date: 7 February 2020. <https://www.japantimes.co.jp/news/2020/02/04/national/japan-amend-laws-elderly-work-until-70/> — .Xj74sVJKhQJ

²⁶⁵⁶ Economic Policies, H2 2019, Ministry of Economy and Finance (Sejong City) 3 July 2019. Access Date: 17 March 2020. <http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4710>

²⁶⁵⁷ Korea ups R&D budget by 16% in biotech, backs genome data initiative next year, Pulse by Maeil Business News Korea 4 September 2019. Access Date: 19 March 2020. <https://pulsenews.co.kr/view.php?year=2019&no=698622>

²⁶⁵⁸ Korea ups R&D budget by 16% in biotech, backs genome data initiative next year, Pulse by Maeil Business News Korea 4 September 2019. Access Date: 19 March 2020. <https://pulsenews.co.kr/view.php?year=2019&no=698622>

²⁶⁵⁹ S. Korea unveils measures to cope with population decline, Yonhap News Agency (Seoul) 18 September 2019. Access Date: 3 February 2020. <https://en.yna.co.kr/view/AEN20190918004251320>

²⁶⁶⁰ S. Korea unveils measures to cope with population decline, Yonhap News Agency (Seoul) 18 September 2019. Access Date: 3 February 2020. <https://en.yna.co.kr/view/AEN20190918004251320>

²⁶⁶¹ Government Unveils Framework Measures to Deal with Demographic Changes, Ministry of Economy and Finance (Sejong City) 18 September 2019. Access Date: 17 March 2020. <http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4754>

employees, improving pension plans and the welfare system and increasing support for businesses to maintain older adult employees.²⁶⁶²

On 14 November 2019, Deputy Prime Minister Hong Nam-ki announced additional measures to manage demographic changes, which include increasing senior housing, such as residential care facilities, developing guidelines for establishing age-friendly cities and improving pension plans.²⁶⁶³

On 19-20 October 2019, Minister of Health and Welfare Park Neung-hoo, at the G20 Health Ministers' Meeting, shared Government of Korea plans to improve international healthcare collaboration.²⁶⁶⁴ These plans include the Community Care project and the National Dementia Initiative.²⁶⁶⁵

On 29 October 2019, the Ministry of Health and Welfare announced measures to improve support to those living with dementia.²⁶⁶⁶ These measures include increasing cognitive rehabilitation programs, increasing short term care service, increasing the number of care facilities for dementia patients, and the investment of KRW198.7 billion in dementia research.²⁶⁶⁷

On 15 December 2019, the Korean Minister of Health and Welfare Park Neung-hoo, China's National Health Commission Director Ma Xiaowei and Japan's Minister of Health, Labour and Welfare Katsunobu Kato, released a joint statement that Korea, China, and Japan would collaborate to promote healthy and active aging and improve health systems through information and communications technology and data.²⁶⁶⁸ Korea will be increasing health insurance benefits to reduce financial burden on older citizens and aim to ensure high quality of life for senior citizens.²⁶⁶⁹

On 13 January 2020, President Moon Jae-in appointed Democratic Party lawmaker Seo Hyung-soo as vice head of the Presidential Committee on Ageing Society and Population Policy.²⁶⁷⁰ The

²⁶⁶² Government Unveils Framework Measures to Deal with Demographic Changes, Ministry of Economy and Finance (Sejong City) 18 September 2019. Access Date: 17 March 2020.

<http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4754>

²⁶⁶³ Government Unveils Last Round of Measures to Deal with Demographic Changes, Ministry of Economy and Finance (Sejong City) 14 November 2019. Access Date: 17 March 2020.

<http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4787>

²⁶⁶⁴ Minister Park Neung-hoo emphasizes international cooperation in healthcare at the G20 Health Ministers' Meeting, Ministry of Health and Welfare (Sejong City) 21 October 2019. Access Date: 3 February 2020. https://www.mohw.go.kr/eng/nw/nw0101vw.jsp?PAR_MENU_ID=1007&MENU_ID=100701&page=1&CONT_SEQ=351258.

²⁶⁶⁵ Minister Park Neung-hoo emphasizes international cooperation in healthcare at the G20 Health Ministers' Meeting, Ministry of Health and Welfare (Sejong City) 21 October 2019. Access Date: 3 February 2020. https://www.mohw.go.kr/eng/nw/nw0101vw.jsp?PAR_MENU_ID=1007&MENU_ID=100701&page=1&CONT_SEQ=351258

²⁶⁶⁶ DayNight Care for Dementia Patients to be Strengthened and National Research on Dementia to be Conducted, Ministry of Health and Welfare (Sejong City) 30 October 2019. Access Date: 3 February 2020. https://www.mohw.go.kr/eng/nw/nw0101vw.jsp?PAR_MENU_ID=1007&MENU_ID=100701&page=1&CONT_SEQ=351361

²⁶⁶⁷ DayNight Care for Dementia Patients to be Strengthened and National Research on Dementia to be Conducted, Ministry of Health and Welfare (Sejong City) 30 October 2019. Access Date: 3 February 2020. https://www.mohw.go.kr/eng/nw/nw0101vw.jsp?PAR_MENU_ID=1007&MENU_ID=100701&page=1&CONT_SEQ=351361

²⁶⁶⁸ S. Korea, China, Japan to work together on health coverage, infectious disease, active healthy aging, Yonhap News Agency (Seoul) 15 December 2019. Access Date: 3 February 2019. <https://en.yna.co.kr/view/AEN20191214001900320>

²⁶⁶⁹ S. Korea, China, Japan to work together on health coverage, infectious disease, active healthy aging, Yonhap News Agency (Seoul) 15 December 2019. Access Date: 3 February 2019. <https://en.yna.co.kr/view/AEN20191214001900320>

²⁶⁷⁰ Lawmaker picked for presidential panel on aging society, The Korea Herald (Seoul) 13 January 2019. Access Date: 3 February 2020. http://www.koreaherald.com/view.php?ud=20200113000646&ACE_SEARCH=1

committee aims to investigate future healthy ageing policies and explore solutions that address social problems.²⁶⁷¹

On 30 January 2020, the government of Korea launched the second population policy taskforce to tackle demographic challenges, which includes supporting digital financial literacy of the elderly, the development of “elder-friendly financial products”²⁶⁷², and creating senior markets.²⁶⁷³

On 17 February 2020, the Ministry of Economy and Finance announced that an increase in pension benefits from KRW250,000 to KRW300,000 per month.²⁶⁷⁴ This pension benefit will expand coverage to include the bottom 40 per cent of earners in addition to the previous standard of bottom 20 per cent of earners.²⁶⁷⁵

Korea has taken action to promote healthy and active aging through supporting the continued economic inclusion of elderly citizens, dementia support in terms of dementia research and cognitive rehabilitation programs that support functional ability, improved pension plans, and cooperation with other countries to improve health systems.

Thus, Korea receives a score of +1.

Analyst: Rachael Mannie

Mexico: 0

Mexico has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 19 July 2019, Secretary of Welfare María Luisa Albores González announced that in the municipality of San Luis Potosí, “200 thousand people over 68 will be supported, with the delivery of MXN2,550 bimonthly.”²⁶⁷⁶ This support embodies the goal of “benefiting the elderly” to “renew the face of communities, ranches and territories.”²⁶⁷⁷

On 30 July 2019, the Directorate of Economic Social and Cultural Benefits of the Institute of Security and Social Services of State Workers released a series of online multimedia courses aimed at

²⁶⁷¹ Lawmaker picked for presidential panel on aging society, The Korea Herald (Seoul) 13 January 2019. Access Date: 3 February 2020. http://www.koreaherald.com/view.php?ud=20200113000646&ACE_SEARCH=1

²⁶⁷² Taskforce on 2nd Round Population Policy Takes Off, Ministry of Health and Welfare (Sejong City) 30 January 2020. Access Date: 17 March 2020. <http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4827>

²⁶⁷³ Taskforce on 2nd Round Population Policy Takes Off, Ministry of Health and Welfare (Sejong City) 30 January 2020. Access Date: 17 March 2020. <http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4827>

²⁶⁷⁴ 2020 Work Report: Promote Investment and Support Industrial Innovation, Ministry of Health and Welfare (Sejong City) 17 February 2020. Access Date: 17 March 2020.

<http://english.moef.go.kr/pc/selectTbPressCenterDtl.do?boardCd=N0001&seq=4842>

²⁶⁷⁵ Korea’s minimum wage goes up 2.9% to \$7.4, child benefits increased in 2020, Pulse by Maeil Business News Korea 1 January 2020. Access Date: 19 March 2020. <https://pulsesnews.co.kr/view.php?year=2020&no=726>

²⁶⁷⁶ Gobierno de México trabaja para cerrar las brechas de la discriminación y pobreza: María Luisa Albores González, Government of Mexico (Mexico City) 19 July 2019. Access Date: 3 February 2020.

<https://www.gob.mx/bienestar/prensa/gobierno-de-mexico-trabaja-para-cerrar-las-brechas-de-la-discriminacion-y-pobreza-maria-luisa-albores-gonzalez?idiom=es>

²⁶⁷⁷ Gobierno de México trabaja para cerrar las brechas de la discriminación y pobreza: María Luisa Albores González, Government of Mexico (Mexico City) 19 July 2019. Access Date: 3 February 2020.

<https://www.gob.mx/bienestar/prensa/gobierno-de-mexico-trabaja-para-cerrar-las-brechas-de-la-discriminacion-y-pobreza-maria-luisa-albores-gonzalez?idiom=es>

providing education about how to take care of older adults.²⁶⁷⁸ The courses aim to “empower [elder adults and their caregivers] with information,” which will help them “improve their quality of life and promote welfare states, thereby increasing their participation in social, family and economic life.”²⁶⁷⁹

From 14 to 16 October 2019, representatives from Mexico attended the first Hispanic Conference on Age-Friendly Cities and Communities.²⁶⁸⁰ Spanish speakers congregated at the conference to share “knowledge, experience and tools” and create a “Spanish speaking movement within the Global Network for age-friendly cities and communities.”²⁶⁸¹ Activities included a series of round tables, workshops, and field visits to age-friendly communities and cities.²⁶⁸²

On 23 October 2019, Secretary González and the rector of the National Autonomous University of Mexico Enrique Graue Weichers signed a General Collaboration Agreement, in which officials specifically mentioned “opportunities for collaboration in topics such as regional development, health, environment, older adults” as part of the efforts to solve social inequality present in Mexico.²⁶⁸³

On 11 November 2019, Secretary González declared that the Pension for the Well-being of Older Adults would expand its budget from MXN100 billion to MXN126.65 billion.²⁶⁸⁴ The declaration occurred at the First Regular Session of the National Commission for Social Development.²⁶⁸⁵

On 29 January 2020, President Andrés Manuel López Obrador helped support the inauguration of the new General Hospital of Mazatlán, Sinaloa by the federal and state governments.²⁶⁸⁶ Involving an

²⁶⁷⁸Adultos Mayores. Cursos Multimedia, Government of Mexico (Mexico City) 30 July 2019. Access Date: 3 February 2020. <https://www.gob.mx/issste/acciones-y-programas/portal-del-adulto-mayor>

²⁶⁷⁹Adultos Mayores, Instituto de Seguridad y Servicios Sociales de Los Trabajadores del Estado, Government of Mexico (Mexico City) 30 July 2019. Access Date: 3 February 2020. <http://www.issste.gob.mx/adultosmayores/>

²⁶⁸⁰First ever Hispanic conference on age-friendly cities and communities, World Health Organisation (Geneva) 14 October 2019. Access Date: 3 February 2020. <https://extranet.who.int/agefriendlyworld/>

²⁶⁸¹First ever Hispanic conference on age-friendly cities and communities, World Health Organisation (Geneva) 14 October 2019. Access Date: 3 February 2020. <https://extranet.who.int/agefriendlyworld/>

²⁶⁸²First ever Hispanic conference on age-friendly cities and communities, World Health Organisation (Geneva) 14 October 2019. Access Date: 3 February 2020. <https://extranet.who.int/agefriendlyworld/>

²⁶⁸³Refrenda Secretaría de Bienestar colaboración con todos los ódenes de gobierno contra la pobreza, Government of Mexico (Mexico City) 11 November 2019. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/refrenda-secretaria-de-bienestar-colaboracion-con-todos-los-ordenes-de-gobierno-contra-la-pobreza?idiom=es>

²⁶⁸⁴Refrenda Secretaría de Bienestar colaboración con todos los ódenes de gobierno contra la pobreza, Government of Mexico (Mexico City) 11 November 2019. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/refrenda-secretaria-de-bienestar-colaboracion-con-todos-los-ordenes-de-gobierno-contra-la-pobreza?idiom=es>

²⁶⁸⁵Refrenda Secretaría de Bienestar colaboración con todos los ódenes de gobierno contra la pobreza, Government of Mexico (Mexico City) 11 November 2019. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/refrenda-secretaria-de-bienestar-colaboracion-con-todos-los-ordenes-de-gobierno-contra-la-pobreza?idiom=es>

²⁶⁸⁶Con apoyo del Presidente Andrés Manuel López Obrador, el gobierno federal y estatal inauguraron el Hospital General de Mazatlán, Sinaloa, Government of Mexico (Mexico City) 29 January 2020. Access Date: 3 February 2020. <https://www.gob.mx/insabi/articulos/con-apoyo-del-presidente-andres-manuel-lopez-obrador-el-gobierno-federal-y-estatal-inauguraron-el-hospital-general-de-mazatlan-sinaloa?idiom=es>

investment of over MXN1,000 million, the new General Hospital is run by trained personnel and is outfitted to provide, among others, geriatric care.²⁶⁸⁷

On 31 January 2020, Secretary González specifically commended the remodeling work in two hostels in Mexico City during a visit with the Head of the National Institute of Older Adults (Inapam) Elsa Veites Arévalo.²⁶⁸⁸ Both were affiliated with Inapam and had a focus on “[providing] food, medical care, rehabilitation and occupational therapy for older adults who require extended stay.”²⁶⁸⁹

On 1 February 2020, while accompanying President Andrés Manuel López to publicize the progress of the Comprehensive Welfare Programs, Secretary González pledged to expand the coverage of elder adults receiving welfare pension from 55,000 older adults to more than 58,000 in the 2020 Comprehensive Welfare Programs.²⁶⁹⁰

On 6 March 2020, Secretary González announced that the Comprehensive Welfare Programs aim to prioritize the wellbeing of the most vulnerable population.²⁶⁹¹ The Pension Program for the Welfare of the Elderly, which financially supports over 200 thousand older adults increased from MXN2,550 to MXN2,620.²⁶⁹²

On 26 March 2020, the Secretariat of Welfare, in collaboration with Secretariat of Health adopted necessary administrative actions and sanitary measures to ensure hygienic conditions in the operation and delivery of Comprehensive Welfare Program to the most vulnerable population, namely older adults and those with disabilities.²⁶⁹³

On 27 March 2020, the Secretariat of Welfare announced that older adults and people with disabilities will receive an advance on pension payments for the two-month periods, March-April and May-June, totalling MXN5,240, as a response to the COVID-19 pandemic.²⁶⁹⁴ As there are more than 8 million elderly people and 800 thousand people with disabilities in the country, the investment

²⁶⁸⁷Con apoyo del Presidente Andrés Manuel López Obrador, el gobierno federal y estatal inauguraron el Hospital General de Mazatlán, Sinaloa, Government of Mexico (Mexico City) 29 January 2020. Access Date: 3 February 2020. <https://www.gob.mx/insabi/articulos/con-apoyo-del-presidente-andres-manuel-lopez-obrador-el-gobierno-federal-y-estatal-inauguraron-el-hospital-general-de-mazatlan-sinaloa?idiom=es>

²⁶⁸⁸Supervisa secretaria de Bienestar remodelación de albergues del Inapam, Government of Mexico (Mexico City) 31 January 2020. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/supervisa-secretaria-de-bienestar-remodelacion-de-albergues-del-inapam>

²⁶⁸⁹Supervisa secretaria de Bienestar remodelación de albergues del Inapam, Government of Mexico (Mexico City) 31 January 2020. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/supervisa-secretaria-de-bienestar-remodelacion-de-albergues-del-inapam>

²⁶⁹⁰María Luisa Albores informa sobre los avances de los Programas Integrales de Bienestar en Campeche, Government of Mexico (Mexico City) 1 February 2020. Access Date: 3 February 2020. <https://www.gob.mx/bienestar/prensa/maria-luisa-albores-informa-sobre-los-avances-de-los-programas-integrales-de-bienestar-en-campeche>

²⁶⁹¹ Con programas de Bienestar, se coloca en el centro de la política social a los más vulnerables, Government of Mexico (Mexico City) 6 March 2020. Access Date: 3 April 2020 <https://www.gob.mx/bienestar/prensa/con-programas-de-bienestar-se-coloca-en-el-centro-de-la-politica-social-a-los-mas-vulnerables?idiom=es>

²⁶⁹² Con programas de Bienestar, se coloca en el centro de la política social a los más vulnerables, Government of Mexico (Mexico City) 6 March 2020. Access Date: 3 April 2020 <https://www.gob.mx/bienestar/prensa/con-programas-de-bienestar-se-coloca-en-el-centro-de-la-politica-social-a-los-mas-vulnerables?idiom=es>

²⁶⁹³ Continúan labores estratégicas en la Secretaría de Bienestar, Government of Mexico (Mexico City) 26 March 2020. Access Date; 3 April 2020. <https://www.gob.mx/bienestar/prensa/continuan-labores-estrategicas-en-la-secretaria-de-bienestar?idiom=es>

²⁶⁹⁴ En apoyo a la economía popular se adelanta pago de pensiones de adultos mayores y personas con discapacidad, Government of Mexico (Mexico City) 27 March 2020. Access Date: 3 April 2020.

<https://www.gob.mx/bienestar/prensa/en-apoyo-a-la-economia-popular-se-adelanta-pago-de-pensiones-de-adultos-mayores-y-personas-con-discapacidad?idiom=es>

totals to MXN46.4 billion. This initiative ensures that seniors and people with disabilities, who are the most vulnerable population to health risks of COVID-19, can purchase essential items and stay safely at home to avoid risks to their health.²⁶⁹⁵

Mexico has taken multiply policy actions to promote healthy and active ageing, with consideration to equity and diversity. Specifically, Mexico has launched online courses that support health literacy, remodelled structures to improve standard of care and functional ability of older people, improved pensions for older adults, and politically engaged older adults in the first Hispanic Conference on Age-Friendly Cities and Communities. However, Mexico has not taken policy action to promote active ageing in terms of political, social, economic, and/or cultural inclusion.

Thus, Mexico receives a score of 0.

Analyst: Daisy Liu

Russia: 0

Russia has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 11 October 2019, the Ministry of Health hosted the Second All-Russian Forum, titled “Russia — the Territory of Care,” which included a meeting of the Board of the Russian Association of Gerontologists and Geriatrics along with analytical contributions from the Russian Gerontological Scientific and Clinical Centre.²⁶⁹⁶ Russian regional representatives proposed various draft projects to help Russia’s elderly persons, including those aiming to prevent and reduce various ailments that they may have to endure, such as arterial hypertension, and discussed novel treatments such as lipid-lowering therapy.²⁶⁹⁷

On 12 November 2019, the Ministry of Health hosted a district meeting for the implementation of the federal project titled “The Elder Generation” in Russia’s North Caucasus.²⁶⁹⁸ The meeting discussed geriatric services and long-term care and also reiterated Russia’s national “Demography” project’s goal of increasing life expectancy in Russia up to 78 years.²⁶⁹⁹

²⁶⁹⁵ En apoyo a la economía popular se adelanta pago de pensiones de adultos mayores y personas con discapacidad, Government of Mexico (Mexico City) 27 March 2020. Access Date: 3 April 2020.

<https://www.gob.mx/bienestar/prensa/en-apoyo-a-la-economia-popular-se-adelanta-pago-de-pensiones-de-adultos-mayores-y-personas-con-discapacidad?idiom=es>

²⁶⁹⁶ 11.10. Москва: В Москве завершился II Всероссийский форум «Россия — территория заботы», Ministry of Health of the Russian Federation (Moscow) 12 October 2019. Access Date: 20 March 2020.

<https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravoohranenie/stranitsa-5729/novosti-proekta/11-10-moskva-v-moskve-zavershilsya-ii-vserossiyskiy-forum-rossiya-territoriya-zaboty>

²⁶⁹⁷ 11.10. Москва: В Москве завершился II Всероссийский форум «Россия — территория заботы», Ministry of Health of the Russian Federation (Moscow) 12 October 2019. Access Date: 20 March 2020.

<https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravoohranenie/stranitsa-5729/novosti-proekta/11-10-moskva-v-moskve-zavershilsya-ii-vserossiyskiy-forum-rossiya-territoriya-zaboty>

²⁶⁹⁸ Развитие гериатрии на Северном Кавказе, Ministry of Health of the Russian Federation (Moscow) 28 January 2020. Access Date: 20 March 2020. <https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravoohranenie/stranitsa-5729/novosti-proekta/razvitie-geriatrii-na-severnom-kavkaze>

²⁶⁹⁹ Развитие гериатрии на Северном Кавказе, Ministry of Health of the Russian Federation (Moscow) 28 January 2020. Access Date: 20 March 2020. <https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravoohranenie/stranitsa-5729/novosti-proekta/razvitie-geriatrii-na-severnom-kavkaze>

On 28 November 2019, Russia and the World Health Organization formed a bilateral working group for long-term care in Russia.²⁷⁰⁰ The group will work to develop and improve Russia's long-term care system by establishing an “exchange platform” for policymakers and experts in Russia.²⁷⁰¹

On 3 December 2019, head geriatrician of the Ministry of Health Olga Tkacheva held a meeting between regional district leaders, where provisions for regional geriatric services and long-term care systems were discussed and negotiated.²⁷⁰² The legal regulatory framework to govern long-term care was also introduced and discussed at the meeting, as well as frameworks for the interdepartmental exchange of data and interregional cooperation.²⁷⁰³

On 20 December 2019, the Ministry of Health released Order No. 1067n to amend the previous procedure for geriatric care to clarify several provisions, including patient referrals for palliative care, calculations for the need of gerontological beds, and the creation of regional geriatric centres.²⁷⁰⁴

Russia has taken multiple policy actions to promote active ageing, such as initiatives that support long-term care and preventive care. However, Russia has taken no policy actions towards the promotion of healthy ageing in terms of supporting functional ability. Russia has also not taken action to promote active ageing in terms of social, political, cultural, and/or economic inclusion.

Thus, Russia receives a score of 0.

Analyst: Ian Stansbury

Saudi Arabia: -1

Saudi Arabia has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 28 January 2020, the Saudi Prince of Riyadh region, reported to the press regarding the Fourth International Alzheimer’s Conference. It acknowledged the impact of Alzheimer’s disease on the elderly.²⁷⁰⁵

²⁷⁰⁰ Long-term care services in focus in the Russian Federation, World Health Organization (Copenhagen) 26 December 2019. Access Date: 20 March 2020. <http://www.euro.who.int/en/health-topics/Life-stages/healthy-ageing/news/news/2019/12/long-term-care-services-in-focus-in-the-russian-federation>

²⁷⁰¹ Long-term care services in focus in the Russian Federation, World Health Organization (Copenhagen) 26 December 2019. Access Date: 20 March 2020. <http://www.euro.who.int/en/health-topics/Life-stages/healthy-ageing/news/news/2019/12/long-term-care-services-in-focus-in-the-russian-federation>

²⁷⁰² 03.12 В Уфе состоялось окружное совещание по реализации ФП «Старшее поколение», Ministry of Health of the Russian Federation (Moscow) 28 January 2020. Access Date: 20 March 2020. <https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravooхранение/stranitsa-5729/novosti-proekta/v-ufe-sostoyatos-okruzhnoe-soveschanie-po-realizatsii-fp-starshee-pokolenie>

²⁷⁰³ 03.12 В Уфе состоялось окружное совещание по реализации ФП «Старшее поколение», Ministry of Health of the Russian Federation (Moscow) 28 January 2020. Access Date: 20 March 2020. <https://www.rosminzdrav.ru/poleznye-resursy/natsproektzdravooхранение/stranitsa-5729/novosti-proekta/v-ufe-sostoyatos-okruzhnoe-soveschanie-po-realizatsii-fp-starshee-pokolenie>

²⁷⁰⁴ Новый приказ Минздрава России не исключает оказание ВМП пожилым пациентам, Ministry of Health of the Russian Federation (Moscow) 13 January 2020. Access Date: 20 March 2020. <https://www.rosminzdrav.ru/news/2020/01/13/13134-novyy-prikaz-minzdrava-rossii-ne-isklyuchaet-okazanie-vmp-pozhilym-patsientam>

²⁷⁰⁵ The Launch of the Fourth International Alzheimer’s Conference, Kingdom of Saudi Arabia, 28 January 2020. Access Date: 24 September 2020. <http://www.alriyadh.com/1801173>.

Saudi Arabia has taken verbal action towards promoting healthy ageing nor active ageing through policy measures. No stronger actions were registered for this report after searching news sources, government publications, ministries, and international organizations.²⁷⁰⁶

Thus, Saudi Arabia receives a score of -1.

Analyst: Zartasht Jamal

South Africa: -1

South Africa has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 7 October 2019, Deputy Minister of Social Development Hendrietta Bogopane-Zulu hosted an outreach initiative in Midval to promote cancer awareness.²⁷⁰⁷ The program aimed to encourage early diagnosis and intervention, through educating the community and providing free early screening for certain cancers, which supports healthy ageing and improves health literacy.²⁷⁰⁸

On 21 October 2019, Minister of Social Development Lindiwe Zulu launched the Active Ageing Programme in Port Elizabeth, which takes place from 21 to 25 October 2019.²⁷⁰⁹ The week-long programme aims to promote independence, improve quality of life, and encourage social and cultural inclusion older persons.²⁷¹⁰ The program was created through a partnership between the Department of Social Development and the South Africans Older Persons Forum as a response to South Africa's Older Persons Act 13 of 2006 and the Madrid Plan of Action on Ageing.²⁷¹¹

On 3 February 2020, South African Human Rights Commissioner Bokankatla Malatji visited the Mpumalanga province from 3 to 6 February 2020 to promote the rights of older persons and people with disabilities and encourage dialogue about their inclusion in society.²⁷¹²

South Africa has taken some action to promote active ageing through their health promotion events, which address health literacy as well as social and cultural inclusion. However, it has not made substantive progress on the promotion of healthy and active ageing through policy measures.

²⁷⁰⁶ This non-compliance was determined after a search of the following websites: <https://www.moh.gov.sa/en>, <https://www.moh.gov.sa/en>, <https://www.arabnews.com>, and <https://www.sesric.org/>

²⁷⁰⁷ Deputy Minister Hendrietta Bogopane-Zulu and Pinkdrive promote Cancer Awareness in Midval, The Government of South Africa (Pretoria) 4 October 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/deputy-minister-hendrietta-bogopane-zulu-and-pinkdrive-promote-cancer-awareness-midval-7>

²⁷⁰⁸ Deputy Minister Hendrietta Bogopane-Zulu and Pinkdrive promote Cancer Awareness in Midval, The Government of South Africa (Pretoria) 4 October 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/deputy-minister-hendrietta-bogopane-zulu-and-pinkdrive-promote-cancer-awareness-midval-7>

²⁷⁰⁹ Minister Lindiwe Zulu opens 2019 Active Ageing Programme in Port Elizabeth, The Government of South Africa (Pretoria) 18 October 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/nelson-mandela-bay-municipality-18-oct-2019-0000>

²⁷¹⁰ Minister Lindiwe Zulu opens 2019 Active Ageing Programme in Port Elizabeth, The Government of South Africa (Pretoria) 18 October 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/nelson-mandela-bay-municipality-18-oct-2019-0000>

²⁷¹¹ Minister Lindiwe Zulu opens 2019 Active Ageing Programme in Port Elizabeth, The Government of South Africa (Pretoria) 18 October 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/nelson-mandela-bay-municipality-18-oct-2019-0000>

²⁷¹² Human Rights Commission assess the observance of the rights of people with disabilities and older persons in Mpumalanga, The Government of South Africa (Pretoria) 2 February 2020. Access Date: 17 February 2020. <https://www.gov.za/speeches/commissioner-adv-bokankatla-malatji-conducts-provincial-visit-mpumalanga-3-6-feb-3-feb-2020>

Thus, South Africa receives a score of -1.

Analyst: Areej Malik

Turkey: -1

Turkey has not complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

From 19 to 20 October 2019, at the G20 Health Ministers' Meeting in Okayama, Japan, Deputy Minister of Health Emine Alp Meşe announced that Turkey would adopt a multi-sectoral approach to deal with issues of chronic diseases and elderly care while continuing "to increase coverage and quality of health services."²⁷¹³

From 29 to 31 October 2019, at the sixth Turkish Medical World Council, the Health Ministers of Turkey and Namibia signed an Agreement on Cooperation in the field of Health.²⁷¹⁴ The council organized in collaboration with the Presidency of the Republic of Turkey, Ministry of Health and TÜSEB, and HIMSS'19 Eurasia Organization to bring together Health Ministers of various countries in the region to exchange knowledge and experience.²⁷¹⁵

From 2 to 6 March 2020, the International Institute on Ageing worked with the Turkish Geriatrics Society and Hacettepe University Application and Research Centre of Geriatric Sciences to host the seventh on-site training programme in Gerontology and Geriatrics.²⁷¹⁶ The event brought participants from various professions, including social workers, doctors, and nurses, to discuss "demographic, social, psychological, ethical and medical issues on ageing."²⁷¹⁷

Turkey has reaffirmed its commitment to improving health services and geriatric care. However, it has not implemented substantive policy initiatives to address healthy and active ageing.

Thus, Turkey receives a score of -1.

Analyst: Zartasht Jamal

United Kingdom: 0

The United Kingdom has partially complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 30 June 2019, the Department for Business, Energy & Industrial Strategy and Department for Health & Social Care announced the creation of the UK Longevity Council comprising healthcare

²⁷¹³ G20 Health Ministers' Meeting, Ministry of Health (Ankara) 11 December 2019. Access Date: 20 March 2020. <https://www.saglik.gov.tr/EN,58531/g20-health-ministers-meeting.html>

²⁷¹⁴ 6th Turkish Medical World Council in Istanbul, Ministry of Health (Ankara) 11 December 2019. Access Date: 20 March 2020. <https://www.saglik.gov.tr/EN,58532/6th-turkish-medical-world-council-in-istanbul.html>

²⁷¹⁵ 6th Turkish Medical World Council in Istanbul, Ministry of Health (Ankara) 11 December 2019. Access Date: 20 March 2020. <https://www.saglik.gov.tr/EN,58532/6th-turkish-medical-world-council-in-istanbul.html>

²⁷¹⁶ 'In-Situ' Training Programme in Gerontology and Geriatrics, Ankara, Turkey, The International Institute on Ageing, UN-Malta (INIA)(Malta) March 2020. Access Date: 19 March 2020. <https://www.inia.org.mt/event/in-situ-training-programme-in-gerontology-and-geriatrics-ankara-turkey>

²⁷¹⁷ 'In-Situ' Training Programme in Gerontology and Geriatrics, Ankara, Turkey, The International Institute on Ageing, UN-Malta (INIA)(Malta) March 2020. Access Date: 19 March 2020. <https://www.inia.org.mt/event/in-situ-training-programme-in-gerontology-and-geriatrics-ankara-turkey>

experts, business leaders and civil society organisations.²⁷¹⁸ The Council aims to advise the U.K. Government on policies to ensure healthy and active ageing.²⁷¹⁹

On 4 July 2019, the House of Lords Economic Affairs Committee published a report entitled ‘Social care funding: time to end a national scandal’ detailing funding deficiencies in adult social care programmes across England.²⁷²⁰ The objective is to call attention to the impact of insufficient funding on healthy ageing efforts by the National Health Service and private caregivers and compel the U.K. Government to publish a white paper detailing its plan to resolve funding issues.²⁷²¹

On 5 July 2019, the All Parliamentary Party Group for Ageing and Older People published a report on its Inquiry into Decent and Accessible Homes for Older People examining the connection between poor housing standards and healthy ageing and listing 13 recommendations to improve housing for the elderly.²⁷²² The report aims to incorporate its recommendations into the UK government’s housing policies to improve the mental, physical and social well-being of elderly residents.²⁷²³

On 25 July 2019, the House of Lords Science and Technology Committee launched an inquiry to examine the application of science and technology on improving the health of elderly individuals and supporting older persons with poor health.²⁷²⁴ The goal is to determine effective practices for accomplishing the UK government’s Industrial Strategy mission of increasing the national lifespan by five years by 2035.²⁷²⁵

On 9 September 2019, the Department for Business, Energy and Industrial Strategy and Department for Health and Social Care announced a joint GBP133 million investment in research by the National

²⁷¹⁸ Experts to help UK champion ageing society opportunities, Government Digital Service (London) 30 June 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/experts-to-help-uk-champion-ageing-society-opportunities>

²⁷¹⁹ Experts to help UK champion ageing society opportunities, Government Digital Service (London) 30 June 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/experts-to-help-uk-champion-ageing-society-opportunities>

²⁷²⁰ Social care funding: time to end a national scandal — 7th Report of Session 2017-19 I, House of Lords Economic Affairs Committee (London) 4 June 2019. Access Date: 8 February 2020.

<https://publications.parliament.uk/pa/l201719/lselect/ldeconaf/392/392.pdf>

²⁷²¹ Social care funding: time to end a national scandal — 7th Report of Session 2017-19 I, House of Lords Economic Affairs Committee (London) 4 June 2019. Access Date: 8 February 2020.

<https://publications.parliament.uk/pa/l201719/lselect/ldeconaf/392/392.pdf>

²⁷²² Inquiry into decent and accessible homes for older people, All Parliamentary Party Group for Ageing and Older People (London) 5 July 2019. Access Date: 8 February 2020. <https://www.ageuk.org.uk/globalassets/age-uk/documents/reports-and-publications/appg/appg-for-ageing-and-older-people---report-on-decent-and-accessible-homes-for-older-people.pdf>

²⁷²³ Inquiry into decent and accessible homes for older people, All Parliamentary Party Group for Ageing and Older People (London) 5 July 2019. Access Date: 8 February 2020. <https://www.ageuk.org.uk/globalassets/age-uk/documents/reports-and-publications/appg/appg-for-ageing-and-older-people---report-on-decent-and-accessible-homes-for-older-people.pdf>

²⁷²⁴ Ageing: Science, Technology and Healthy Living — Lords Committee launches a new inquiry, U.K. Parliament (London) 25 July 2019. Access Date: 8 February 2020. <https://www.parliament.uk/business/committees/committees-a-z/lords-select/science-and-technology-committee/news-parliament-2017/ageing-inquiry-launch/>

²⁷²⁵ Ageing: Science, Technology and Healthy Living — Lords Committee launches a new inquiry, U.K. Parliament (London) 25 July 2019. Access Date: 8 February 2020. <https://www.parliament.uk/business/committees/committees-a-z/lords-select/science-and-technology-committee/news-parliament-2017/ageing-inquiry-launch/>

Health Service and Centres for Excellence in Oxford, Coventry and London.²⁷²⁶ The investment aims to support the development of new treatments for arthritis, cancer, dementia and Parkinson's, which affect senior citizens, and improve healthy ageing.²⁷²⁷

On 16 September 2019, Innovate UK announced a GBP98 million investment competition for businesses and public sector entities to develop products and services that support elderly physical activity, the health of older workers and the design of age-friendly homes.²⁷²⁸ The competition aims to support the UK government's mission of increasing the national lifespan by five years by 2035.²⁷²⁹

On 1 October 2019, Public Health England and the Centre for Ageing Better published a statement entitled "A consensus on healthy ageing" listing five commitments by signatory organisations: developing preventive healthcare strategies, removing access barriers to opportunities for the elderly, ensuring good homes, narrowing inequalities between elderly populations across demographics and challenging ageist practices.²⁷³⁰ The objective is to coordinate the activities of public and private organizations working to ensure healthy ageing by establishing common policy goals.²⁷³¹

On 28 October 2019, the Department for Business, Energy and Industrial Strategy announced an investment of GBP33.9 million over five years into the development of autonomous robotic systems for the care of elderly persons.²⁷³² The investment aims to ensure autonomous systems incorporate principles of "respect, fairness and quality" in the care of older persons in homes and hospitals.²⁷³³

On 4 November 2019, Secretary of State for Work and Pensions Thérèse Coffey announced an increase to basic and new State Pensions by 3.9 per cent beginning on 6 April 2020.²⁷³⁴ The increase

²⁷²⁶ Government to invest over 130 million in new tech to tackle cancer and debilitating illnesses, Government Publishing Service (London) 9 September 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/government-to-invest-over-130-million-in-new-tech-to-tackle-cancer-and-debilitating-illnesses>

²⁷²⁷ Government to invest over 130 million in new tech to tackle cancer and debilitating illnesses, Government Publishing Service (London) 9 September 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/government-to-invest-over-130-million-in-new-tech-to-tackle-cancer-and-debilitating-illnesses>

²⁷²⁸ Supporting healthy and active later life: apply for funding, Government Digital Service (London) 16 September 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/supporting-healthy-and-active-later-life-apply-for-funding>

²⁷²⁹ The Grand Challenge missions, Department for Business, Energy & Industrial Strategy (London) 27 November 2017. Access Date: 8 February 2020. <https://www.gov.uk/government/publications/industrial-strategy-the-grand-challenges/industrial-strategy-the-grand-challenges>

²⁷³⁰ A consensus on healthy ageing, Public Health England (London) 1 October 2019. Access Date: 8 February 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/839709/Healthy_Ageing_Consensus_Statement.pdf

²⁷³¹ A consensus on healthy ageing, Public Health England (London) 1 October 2019. Access Date: 8 February 2020. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/839709/Healthy_Ageing_Consensus_Statement.pdf

²⁷³² Care robots could revolutionise UK care system and provide staff extra support, Government Digital Service (London) 26 October 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/care-robots-could-revolutionise-uk-care-system-and-provide-staff-extra-support>

²⁷³³ Care robots could revolutionise UK care system and provide staff extra support, Government Digital Service (London) 26 October 2019. Access Date: 8 February 2020. <https://www.gov.uk/government/news/care-robots-could-revolutionise-uk-care-system-and-provide-staff-extra-support>

²⁷³⁴ Welfare and Pensions Update: Written statement — HCWS74, U.K. Parliament (London) 4 November 2019. Access Date: 8 February 2020. <https://www.parliament.uk/business/publications/written-questions-answers-statements/written-statement/Commons/2019-11-04/HCWS74/>

aims to raise retirement incomes of elderly persons and support their active participation in society.²⁷³⁵

On 23 January 2020, the National Health Service of England announced the availability of ‘Urgent Community Response Teams’ beginning in April 2020 to provide older people at risk of hospitalization with access to healthcare professionals within two hours of a request.²⁷³⁶ The urgent community response teams will also make available “tailored packages of intermediate care, or reablement services” for older persons within a two-day standard, which will help treat older persons in their own home and support their independence.²⁷³⁷ The creation of National Health Service response teams aims to fulfil the National Health Service’s Long-Term Plan objective of supporting England’s ageing population, particularly those with urgent care needs.²⁷³⁸

The United Kingdom has taken policy actions to promote healthy and active ageing through preventive health care measures, investments towards the development of age-friendly homes which healthy ageing in terms of functional ability, and improved pensions to support elderly people’s active participation in society. However, the United Kingdom has not taken policy action to address the social, economic, cultural, and/or political inclusion of older people.

Thus, United Kingdom receives a score of 0.

Analyst: Arjun Singh

United States: 0

The United States has partially complied with its commitment to promote healthy and active ageing through policy measure to address health promotion.

On 9 July 2019, Deputy Secretary Eric Hargan of the US Department of Health and Human Services introduced the Quality Summit.²⁷³⁹ The summit aims to encourage dialogue on how to evaluate and improve the current programs the Department of Health and Human Services offers to enhance quality of care for patients.²⁷⁴⁰

On 12 September 2019, through the Maternal, Infant, and Early Childhood Home Visiting Program, the US Department of Health and Human Services pledged USD351 million to 56 states, territories,

²⁷³⁵ Welfare and Pensions Update: Written statement — HCWS74, U.K. Parliament (London) 4 November 2019. Access Date: 8 February 2020. <https://www.parliament.uk/business/publications/written-questions-answers-statements/written-statement/Commons/2019-11-04/HCWS74/>

²⁷³⁶ Rapid NHS response teams to help people stay well at home, National Health Service England (London) 23 January 2020. Access Date: 8 February 2020. <https://www.england.nhs.uk/2020/01/rapid-nhs-response-teams-to-help-people-stay-well-at-home/>

²⁷³⁷ Rapid NHS response teams to help people stay well at home, National Health Service England (London) 23 January 2020. Access Date: 8 February 2020. <https://www.england.nhs.uk/2020/01/rapid-nhs-response-teams-to-help-people-stay-well-at-home/>

²⁷³⁸ Rapid NHS response teams to help people stay well at home, National Health Service England (London) 23 January 2020. Access Date: 8 February 2020. <https://www.england.nhs.uk/2020/01/rapid-nhs-response-teams-to-help-people-stay-well-at-home/>

²⁷³⁹ HHS Announces Quality Summit to Streamline and Improve Quality Programs across Government, U.S. Department of Health & Human Services (Washington) 9 July 2019. Access Date: 17 February 2020.

<https://www.hhs.gov/about/news/2019/07/09/hhs-announces-quality-summit-streamline-improve-quality-programs-government.html>

²⁷⁴⁰ HHS Announces Quality Summit to Streamline and Improve Quality Programs across Government, U.S. Department of Health & Human Services (Washington) 9 July 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/07/09/hhs-announces-quality-summit-streamline-improve-quality-programs-government.html>

and non-profit organizations to improve maternal health outcomes.²⁷⁴¹ The department also awarded USD23 million in funding to create three new programs to support and promote maternal health.²⁷⁴²

On 18 September 2019, the US Department of Health and Human Services and the Health Resources and Services Administration donated USD85 million to approximately 300 healthcare centres.²⁷⁴³ This investment will help establish new infrastructure, expand oral health services, and improve the current services.²⁷⁴⁴ It encourages early detection of oral diseases to prevent future health issues.²⁷⁴⁵

On 19 September 2019, the US Department of Health and Human Services announced the National Youth Sports Strategy to encourage youth participation in sports, promote access, and raise awareness of the advantages of playing sports, which promotes physical activity and healthy ageing early in life.²⁷⁴⁶ This strategy was created in response to President Trump's call for a national strategy to engage more youth in sports.²⁷⁴⁷ Through the strategy's new grants, there will be more opportunities for children, especially those from marginalized communities, to participate in sports.²⁷⁴⁸

On 1 October 2019, the National Institutes of Health, through the National Institute on Ageing, pledged over USD73 million over the next five years toward two research centers, specifically the "Open Drug Discovery Center for Alzheimer's Disease"²⁷⁴⁹ and the "Indiana University School of

²⁷⁴¹ HHS Awards \$374 Million to Programs Supporting Maternal and Child Health, U.S. Department of Health & Human Services (Washington) 12 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/12/hhs-awards-374-million-programs-supporting-maternal-child-health.html>

²⁷⁴² HHS Awards \$374 Million to Programs Supporting Maternal and Child Health, U.S. Department of Health & Human Services (Washington) 12 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/12/hhs-awards-374-million-programs-supporting-maternal-child-health.html>

²⁷⁴³ HHS Awards over \$85 Million to Help Health Centers Expand Access to Oral Health Care, U.S. Department of Health & Human Services (Washington) 18 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/18/hhs-awards-over-85-million-help-health-centers-expand-access-oral-healthcare.html>

²⁷⁴⁴ HHS Awards over \$85 Million to Help Health Centers Expand Access to Oral Health Care, U.S. Department of Health & Human Services (Washington) 18 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/18/hhs-awards-over-85-million-help-health-centers-expand-access-oral-healthcare.html>

²⁷⁴⁵ HHS Awards over \$85 Million to Help Health Centers Expand Access to Oral Health Care, U.S. Department of Health & Human Services (Washington) 18 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/18/hhs-awards-over-85-million-help-health-centers-expand-access-oral-healthcare.html>

²⁷⁴⁶ HHS Releases First Federal Strategy to Increase Youth Sports Participation, U.S. Department of Health & Human Services (Washington) 19 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/19/hhs-releases-first-federal-strategy-increase-youth-sports-participation.html>

²⁷⁴⁷ HHS Releases First Federal Strategy to Increase Youth Sports Participation, U.S. Department of Health & Human Services (Washington) 19 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/19/hhs-releases-first-federal-strategy-increase-youth-sports-participation.html>

²⁷⁴⁸ HHS Releases First Federal Strategy to Increase Youth Sports Participation, U.S. Department of Health & Human Services (Washington) 19 September 2019. Access Date: 17 February 2020. <https://www.hhs.gov/about/news/2019/09/19/hhs-releases-first-federal-strategy-increase-youth-sports-participation.html>

²⁷⁴⁹ NIH-funded translational research centers to speed, diversify Alzheimer's drug discovery, National Institute on Ageing (Bethesda) 1 October 2019. Access Date: 3 April 2020. <https://www.nia.nih.gov/news/nih-funded-translational-research-centers-speed-diversify-alzheimers-drug-discovery>

Medicine Alzheimer's Disease Drug Discovery center,”²⁷⁵⁰ which aim to support the research and development of drugs towards Alzheimer's disease.²⁷⁵¹

On 22 October 2019, the US Department of Health and Human Services and the Agency for Healthcare Research and Quality pledged USD16 million to enhance primary care in relation to unhealthy alcohol use.²⁷⁵² The six grant receivers will use evidence-based interventions at more than 700 healthcare centres to promote healthy living.²⁷⁵³

On 2 January 2020, the Trump administration and the Food and Drug Administration banned certain e-cigarette flavours to regulate and prevent the use of e-cigarettes among teenagers.²⁷⁵⁴

The United States has taken some policy action to promote healthy and active ageing through adopting a life-course perspective towards health and policy measures taken towards preventive care and the promotion of active lifestyles, such as the e-cigarette ban, the National Youth Sports Strategy, and funding towards Alzheimer's research. However, the United States has not taken policy actions to address healthy ageing in terms of seniors' functional ability nor has it taken action to address social, political, economic, and/or cultural inclusion of older people.

Thus, the United States receives a score of 0.

Analyst: Areej Malik

European Union: +1

The European Union has fully complied with its commitment to promote healthy and active ageing through policy measures to address health promotion.

On 10 July 2019, the kick-off meeting for the Integr@encion project was held in Valladolid.²⁷⁵⁵ This project, funded by the EU through the INTERREG VA Espana Portugal programme, aims to develop products and services to ensure that elderly citizens suffering from “autonomy loss, disability, or chronic conditions” are taken care of at home.²⁷⁵⁶ These objectives will be achieved

²⁷⁵⁰ NIH-funded translational research centers to speed, diversify Alzheimer's drug discovery, National Institute on Ageing (Bethesda) 1 October 2019. Access Date: 3 April 2020. <https://www.nia.nih.gov/news/nih-funded-translational-research-centers-speed-diversify-alzheimers-drug-discovery>

²⁷⁵¹ NIH-funded translational research centers to speed, diversify Alzheimer's drug discovery, National Institute on Ageing (Bethesda) 1 October 2019. Access Date: 3 April 2020. <https://www.nia.nih.gov/news/nih-funded-translational-research-centers-speed-diversify-alzheimers-drug-discovery>

²⁷⁵² HHS Awards \$16 Million to Help Primary Care Practices Address Patients' Unhealthy Alcohol Use, U.S. Department of Health & Human Services (Washington) 22 October 2019. Access Date: 18 February 2020. <https://www.hhs.gov/about/news/2019/10/22/hhs-awards-16-million-help-primary-care-practices-address-unhealthy-alcohol-use.html>

²⁷⁵³ HHS Awards \$16 Million to Help Primary Care Practices Address Patients' Unhealthy Alcohol Use, U.S. Department of Health & Human Services (Washington) 22 October 2019. Access Date: 18 February 2020. <https://www.hhs.gov/about/news/2019/10/22/hhs-awards-16-million-help-primary-care-practices-address-unhealthy-alcohol-use.html>

²⁷⁵⁴ US announces countrywide ban on flavoured e-cigs, BBC (Washington) 2 January 2020. Access Date: 18 February 2020. <https://www.bbc.com/news/business-50978321>

²⁷⁵⁵ Integr@encion DEMO-Sessions showcasing innovative technological solutions to promote independent living (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/integrtenci%C3%B3n-demo-sessions-showcasing-innovative-technological-solutions-promote-independent_en

²⁷⁵⁶ Integr@encion DEMO-Sessions showcasing innovative technological solutions to promote independent living (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/integrtenci%C3%B3n-demo-sessions-showcasing-innovative-technological-solutions-promote-independent_en

through the “development and piloting of a joint model of care and technology support provision.”²⁷⁵⁷

On 20 September 2019, Innovation to Market (I2M) announced a matchmaking event to be held in February 2020 to support organizations seeking to implement digital Active and Healthy Ageing (AHA) solutions but are unable to find relevant matches in the market.²⁷⁵⁸ This program will connect healthcare organizations with unmet needs with digital AHA solutions offered by (primarily) tech companies.²⁷⁵⁹

On 7 October 2019, the European Commission announced the launch of EU_SHAFE (Europe Enabling Smart Healthy Age-friendly Environments).²⁷⁶⁰ Co-financed by INTERREG Europe and led by municipality of Bizkaya, this project strives to develop a comprehensive approach to “Smart Healthy Age-Friendly Environments” through the improvement of policies and practices in seven European regions.²⁷⁶¹ EU_SHAFE will aim to create an inclusive ecosystem comprised of public authorities, European networks, user associations, and research professionals to work towards the development of community-based services that will help with healthy and active “ageing at home” across Europe.²⁷⁶²

On 19 October 2019, the Medical University of Lodz, Poland, announced its plan to run a pilot program dedicated to PhD candidates whose research addresses the biomedicine of AHA.²⁷⁶³ The Medical University of Lodz holds a status of Lead Partner with the European Innovation Partnership on Active and Healthy Ageing.²⁷⁶⁴

On 28 October 2019, the European Commission announced SoCaTel’s call to take part in their upcoming “Transforming Ageing” hackathon. SoCaTel is a European project which allows users, professionals, and public administrators to collaboratively partake in design of services related to

²⁷⁵⁷ Integr@tención DEMO-Sessions showcasing innovative technological solutions to promote independent living (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/integrtenci%C3%B3n-demo-sessions-showcasing-innovative-technological-solutions-promote-independent_en

²⁷⁵⁸ Calling the most innovative organisations in Europe: Matchmaking sessions for Active and Healthy Ageing (Brussels) 20 September 2019. Access Date: 3 February 2020. https://ec.europa.eu/eip/ageing/news/calling-most-innovative-organisations-europe-matchmaking-sessions-active-and-healthy-ageing_en

²⁷⁵⁹ Calling the most innovative organisations in Europe: Matchmaking sessions for Active and Healthy Ageing (Brussels) 20 September 2019. Access Date: 3 February 2020. https://ec.europa.eu/eip/ageing/news/calling-most-innovative-organisations-europe-matchmaking-sessions-active-and-healthy-ageing_en

²⁷⁶⁰ EU_SHAFE is the new Interreg project for European age-friendly environments, European Commission (Brussels) 7 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/eushafe-new-interreg-project-european-age-friendly-environments_en

²⁷⁶¹ EU_SHAFE is the new Interreg project for European age-friendly environments, European Commission (Brussels) 7 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/eushafe-new-interreg-project-european-age-friendly-environments_en

²⁷⁶² EU_SHAFE is the new Interreg project for European age-friendly environments, European Commission (Brussels) 7 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/eushafe-new-interreg-project-european-age-friendly-environments_en

²⁷⁶³ Medical University of Lodz (Poland) is dedicating its International Doctoral School to the subject of Active and healthy Ageing, European Commission (Brussels) 9 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/medical-university-lodz-poland-dedicating-its-international-doctoral-school-subject-active-and_en

²⁷⁶⁴ Medical University of Lodz (Poland) is dedicating its International Doctoral School to the subject of Active and healthy Ageing, European Commission (Brussels) 9 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/medical-university-lodz-poland-dedicating-its-international-doctoral-school-subject-active-and_en

dependence.²⁷⁶⁵ Moving forward with the project, SoCaTel will organize a series of hackathons to promote the development of technologies to improve the accessibility of health and social care services in the home for elderly citizens.²⁷⁶⁶

On 18 November 2019, the European Innovation Partnership (EIP) on AHA announced that they would reward organizations that have successfully implemented AHA innovations.²⁷⁶⁷ The goal of these I2M Adoption Awards is to not only recognize the work of adopters and technological suppliers AHA innovation, but to also inspire other healthcare organizations to better their delivery of healthcare services in the context of AHA.²⁷⁶⁸

On 3-4 December 2019, TeNDER, a project funded by Horizon 2020 (the EU Framework Programme for Research and Innovation), held its first meeting in Madrid to discuss “task allocations, timelines, and key deliverables.”²⁷⁶⁹ This project aims to develop an integrated care model to manage multi-morbidity in patients with neurodegenerative diseases.²⁷⁷⁰ It includes five large scale pilot programs in various care settings (e.g., in-hospital acute care or at home) and monitoring patients.²⁷⁷¹

On 6 December 2019, the EIP, funded by the European Union, organized a two-day workshop attended by over 300 stakeholders.²⁷⁷² It specifically tackled lifespan health promotion and the prevention of age-related frailty and disease, aiming to highlight the importance of digital solutions in the implementation of home-care service provision and social inclusion for the elderly.²⁷⁷³

²⁷⁶⁵ Transforming Ageing — SoCaTel Hackathons: Win a 500 EUR cash prize plus a contract worth 6,000 EUR, European Commission (Brussels) 28 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/transforming-ageing-socatel-hackathons-win-500-eur-cash-prize-plus-contract-worth-6000-eur_en

²⁷⁶⁶ Transforming Ageing — SoCaTel Hackathons: Win a 500 EUR cash prize plus a contract worth 6,000 EUR, European Commission (Brussels) 28 October 2019. Access Date: 2 February 2020. https://ec.europa.eu/eip/ageing/news/transforming-ageing-socatel-hackathons-win-500-eur-cash-prize-plus-contract-worth-6000-eur_en

²⁷⁶⁷ I2M ADOPTION AWARDS: Rewarding the adopters of cutting-edge technologies in Active and Healthy Ageing (Brussels) 18 November 2019. Access Date: 3 February 2020. https://ec.europa.eu/eip/ageing/news/i2m-adoption-awards-rewarding-adopters-cutting-edge-technologies-active-and-healthy-ageing_en

²⁷⁶⁸ I2M ADOPTION AWARDS: Rewarding the adopters of cutting-edge technologies in Active and Healthy Ageing (Brussels) 18 November 2019. Access Date: 3 February 2020. https://ec.europa.eu/eip/ageing/news/i2m-adoption-awards-rewarding-adopters-cutting-edge-technologies-active-and-healthy-ageing_en

²⁷⁶⁹ New H2020 project TeNDER: Affective based integrated care for better quality of life (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/new-h2020-project-tender-affective-based-integrated-care-better-quality-life_en

²⁷⁷⁰ New H2020 project TeNDER: Affective based integrated care for better quality of life (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/new-h2020-project-tender-affective-based-integrated-care-better-quality-life_en

²⁷⁷¹ New H2020 project TeNDER: Affective based integrated care for better quality of life (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/new-h2020-project-tender-affective-based-integrated-care-better-quality-life_en

²⁷⁷² EIP on AHA thematic workshop on Lifespan Health Promotion & Prevention of age-related frailty and disease (Brussels) 6 December 2019. Access Date: 7 February 2020. https://ec.europa.eu/eip/ageing/news/eip-aha-thematic-workshop-lifespan-health-promotion-prevention-age-related-frailty-and-disease_en

²⁷⁷³ EIP on AHA thematic workshop on Lifespan Health Promotion & Prevention of age-related frailty and disease (Brussels) 6 December 2019. Access Date: 7 February 2020. https://ec.europa.eu/eip/ageing/news/eip-aha-thematic-workshop-lifespan-health-promotion-prevention-age-related-frailty-and-disease_en

On 19 December 2019, the European Commission presented the development of 11 Blueprint scenarios.²⁷⁷⁴ “Blueprint” refers to the “European Blueprint on Digital Transformation of Health and Care for the Ageing Society” and embodies a collective European vision on how innovation can transform healthcare in a rapidly ageing society.²⁷⁷⁵ Blueprint scenarios are primarily used in workshops with a variety of stakeholders to “enable co-development, stock-taking of the best practices and/or ICT [information and communications technology] solutions, and the targeting of various key topics from different points of view.”²⁷⁷⁶ They are essential building blocks to widening the support for the large scale uptake of digital innovation for active and healthy ageing in the European Union, as they successfully showcase improved interactions between digital AHA solutions and patients.²⁷⁷⁷

On 1 January 2020, a consortium of 12 entities, specifically, Cáritas Diocesana de Coimbra, SYNO GmbH, CNR (ISTI), Fraunhofer Institute for Computer Graphics Research IDG, Universidad Politécnica de Madrid, Institute of Communication and Computer Systems, Jožef Stefan Institute, Afedemy, Academy on Age-Friendly Environments BV, Linköping University, Universitat de les Illes Balears, Stitching Smart Homes, and Etablissementsa Lievens Lanckman, launched the project, PlatformUptake.eu, which is funded by the European Union’s Horizon 2020 programme.²⁷⁷⁸ This project is working towards creating an online information hub with the aim to assess the societal impact of existing open source platforms for the development of innovative solutions in the AHA domain.²⁷⁷⁹ This online information hub will also support the uptake of these aforementioned platforms by providing “support materials on all relevant platforms, stakeholder events, and the promotion of synergies, knowledge exchange, and a common understanding among all stakeholders in the AHA market.”²⁷⁸⁰

On 28 February 2020, the European Commission announced that in spring 2020, the EIP and DigitalHealthEurope (DHE) will collaborate to promote EIP and DHE twinning schemes, which will “support … Europe’s quadruple helix stakeholders: industry, civil society, academic and

²⁷⁷⁴ 11 Blueprint scenarios have been developed to illustrate the personal interactions and ICT solutions that support the Blueprint personas and their needs (Brussels) 19 December 2019. Access Date: 7 February 2020.

https://ec.europa.eu/eip/ageing/news/11-blueprint-scenarios-have-been-developed-illustrate-personal-interactions-and-ict-solutions_en

²⁷⁷⁵ 11 Blueprint scenarios have been developed to illustrate the personal interactions and ICT solutions that support the Blueprint personas and their needs (Brussels) 19 December 2019. Access Date: 7 February 2020.

https://ec.europa.eu/eip/ageing/news/11-blueprint-scenarios-have-been-developed-illustrate-personal-interactions-and-ict-solutions_en

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https://ec.europa.eu/eip/ageing/news/11-blueprint-scenarios-have-been-developed-illustrate-personal-interactions-and-ict-solutions_en

²⁷⁷⁷ Report on the Evolution of the Blueprint on Digital Transformation of Health and Care for the Ageing Society (Brussels) December 2019. Access Date: 7 February 2020. https://ec.europa.eu/eip/ageing/sites/eipaha/files/news/we4aha_blueprint_update_publishable_version_december_2019.pdf

²⁷⁷⁸ PlatformUptake.eu, Cáritas Diocesana de Coimbra (Coimbra) 28 January 2020. Access Date: 3 April 2020.

<https://en.caritascoimbra.pt/project/platformuptake-eu/>.

²⁷⁷⁹ PlatformUptake.eu — Assessing the State of the Art and Supporting the Uptake and Evolution of Open Service Platforms in the Active and Healthy Ageing Domain (Brussels) 5 March 2020. Access Date: 20 March 2020.

https://ec.europa.eu/eip/ageing/news/platformuptakeeu-assessing-state-art-and-supporting-uptake-and-evolution-open-service-platforms_en

²⁷⁸⁰ PlatformUptake.eu — Assessing the State of the Art and Supporting the Uptake and Evolution of Open Service Platforms in the Active and Healthy Ageing Domain (Brussels) 5 March 2020. Access Date: 20 March 2020.

https://ec.europa.eu/eip/ageing/news/platformuptakeeu-assessing-state-art-and-supporting-uptake-and-evolution-open-service-platforms_en

governments.”²⁷⁸¹ While the EIP twinnings focus on healthy and active ageing with the aim to expand digital solutions to health and care, the DHE twinnings aim to address health data sharing across borders, advance research on disease prevention, and support person-focused care.²⁷⁸²

On 5 March 2020, the European Commission announced that ProACT had secured grants to advance their platform, research, and trials, and that it would launch a spin-off company in 2020 to leverage ProACT’s outputs to aid other research endeavours.²⁷⁸³ ProACT is a European initiative originally spanning from January 2016 to July 2019 which successfully developed a digitally integrated care system for elder citizens suffering from multimorbidity, their caregivers, and healthcare providers to better manage multiple chronic diseases.²⁷⁸⁴

The European Union has taken multiple policy actions to promote healthy and active ageing, such as investments towards the development of age-friendly environments and products that aim to improve autonomy of older people, innovative technological approaches to enhance health outcomes of the ageing population, and the development of community-based services to encourage social inclusion.

Thus, the European Union receives a score of +1.

Analyst: Daisy Zhou

²⁷⁸¹ Second calls for twinning Scaling up digital transformation for health and care in Europe (Brussels) 28 February 2020. Access Date: 29 February 2020. https://ec.europa.eu/eip/ageing/news/second-calls-twinning-scaling-digital-transformation-health-and-care-europe_en

²⁷⁸² Second calls for twinning Scaling up digital transformation for health and care in Europe (Brussels) 28 February 2020. Access Date: 29 February 2020. https://ec.europa.eu/eip/ageing/news/second-calls-twinning-scaling-digital-transformation-health-and-care-europe_en

²⁷⁸³ An ecosystem for integrated care of multimorbid patients (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/ecosystem-integrated-care-multimorbid-patients_en

²⁷⁸⁴ An ecosystem for integrated care of multimorbid patients (Brussels) 5 March 2020. Access Date: 20 March 2020. https://ec.europa.eu/eip/ageing/news/ecosystem-integrated-care-multimorbid-patients_en

16. Health: Public Health Preparedness

“We are committed to improving public health preparedness and response including strengthening our own core capacities”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina			+1
Australia			+1
Brazil			+1
Canada			+1
China		0	
France			+1
Germany			+1
India			+1
Indonesia		0	
Italy			+1
Japan			+1
Korea			+1
Mexico		0	
Russia			+1
Saudi Arabia			+1
South Africa		0	
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average		+0.80 (90%)	

Background

G20 leaders made their first commitments on health in Brisbane in 2014 in response to the outbreak of Ebola virus in Guinea, Liberia and Sierra Leone.²⁷⁸⁵ They approved a joint statement on Ebola threat and pledged to “do what is necessary to ensure the international effort can extinguish the outbreak” and urged the World Bank Group and International Monetary Fund to “continue their strong support for the affected countries.” The G20 members pledged to fully implement the World Health Organization’s (WHO) International Health Regulations (IHR) addressing “longer-term systemic issues and gaps in capability, preparedness and response capacity that expose the global economy to the impacts of infectious disease.”²⁷⁸⁶

Under Germany’s G20 presidency in 2017, G20 health ministers met for the first time. They acknowledged the role of the IHR and agreed to act “accordingly with our obligations under the IHR and support the leadership and coordination of WHO in the event of health crises of international

²⁷⁸⁵ G20 Leaders’ Brisbane Statement on Ebola, G20 Information Centre (Toronto) 15 November 2014. Access Date: 19 November 2019. <http://www.g20.utoronto.ca/2014/2014-1115-ebola.html>

²⁷⁸⁶ G20 Leaders’ Brisbane Statement on Ebola., G20 Information Centre (Toronto) 15 November 2014. Access Date: 11 December 2019. <http://www.g20.utoronto.ca/2014/2014-1115-ebola.html>

concern.”²⁷⁸⁷ G20 members agreed to “strengthen the national and, where applicable, regional monitoring and surveillance of both antimicrobial resistance and the consumption of antibiotics” within their own jurisdictions.²⁷⁸⁸ At the Hamburg Summit the G20 leaders discussed antimicrobial resistance (AMR), acknowledged its “growing threat to public health and economic growth” and pledged to “strengthen public awareness, infection prevention and control and improve the understanding of the issue of antimicrobials in the environment.”²⁷⁸⁹

In 2018 at Buenos Aires the G20 leaders once again acknowledged “the need for further multi-sectoral action to reduce the spread of AMR” and extended the health-related agenda of the G20 by pledging to “tackle malnutrition, with a special focus on childhood overweight and obesity, through national, community-based and collaborative multi-stakeholder approaches.”²⁷⁹⁰ In addition, the G20 leaders draw attention to provision of “better health care” and agreed to “improve [health care] quality and affordability to move towards Universal Health Coverage.”²⁷⁹¹

In 2019 at Osaka G20 leaders reaffirmed the need for stronger health systems providing cost-effective and evidence-based intervention to achieve better access to health care and to improve its quality and affordability to move towards universal health coverage (UHC), in line with their national contexts and priorities.²⁷⁹² They also promised to continue to strengthen core capacities required by IHR for preventing, detecting and responding to public health emergencies, recognized the WHO’s critical role, and committed to ending HIV/AIDS, tuberculosis and malaria.²⁷⁹³

In May 2018, the WHO approved its 13th general work program for 2019–2023, which includes public health preparedness and response among its key goals.²⁷⁹⁴ It calls for public health to be strengthened with developing appropriate governance arrangements and essential institutional architecture, and increasing the pool of trained professionals.²⁷⁹⁵ Another important aspect is improved surveillance systems necessary for early disease detection and control.

Commitment Features

At Osaka leaders made a commitment to improve public health preparedness and response including strengthening core capacities. According to WHO, public health preparedness means having a

²⁷⁸⁷ Berlin Declaration of the G20 Health Ministers. G20 Information Centre (Toronto) 20 May 2017. Access date: 11 December 2018. <http://www.g20.utoronto.ca/2017/170520-health-en.html>

²⁷⁸⁸ Berlin Declaration of the G20 Health Ministers. G20 Information Centre (Toronto) 20 May 2017. Access date: 11 December 2018. <http://www.g20.utoronto.ca/2017/170520-health-en.html>

²⁷⁸⁹ G20 Leaders’ Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 11 December 2018. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

²⁷⁹⁰ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 11 December 2018. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²⁷⁹¹ G20 Leaders’ Declaration Buenos Aires, G20 Information Centre (Toronto) 1 December 2018. Access Date: 11 December 2018. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

²⁷⁹² G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>.

²⁷⁹³ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 10 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>.

²⁷⁹⁴ Thirteenth General Programme of Work 2019–2013, World Health Organization (Geneva) 2019. Access Date: 3 April 2019. <https://apps.who.int/iris/bitstream/handle/10665/324775/WHO-PRP-18.1-eng.pdf>

²⁷⁹⁵ Thirteenth General Programme of Work 2019–2013, World Health Organization (Geneva) 2019. Access Date: 3 April 2019. <https://apps.who.int/iris/bitstream/handle/10665/324775/WHO-PRP-18.1-eng.pdf>

comprehensive plan, that has been tested and refined through conducting exercises, engaging the whole of society.²⁷⁹⁶

Public health response requires national emergency frameworks and systems that include risk-based emergency preparedness plans, robust emergency management structures, including emergency operation centres, a trained workforce and mobilization of resources during an emergency. In cases where international assistance is required, so are supportive national systems and legislation.²⁷⁹⁷

Core capacities require establishing the capacities necessary to respond effectively and in a timely manner to potential public health emergencies of international concern. These capacities should include efforts to strengthen health systems and to coordinate mobilization of domestic and international funding through multisectoral action plans.²⁷⁹⁸

This commitment requires taking actions in three areas, drawing on the WHO's current work program: governance arrangements and institutional architecture, personnel development, surveillance systems.

Governance Arrangements and Institutional Architecture

The goal of developing the adequate institutional environment can be achieved by reforming national health systems, providing financing to medical institutions and implementing programs to develop national health systems.

Personnel Development

The goal of personnel development can be achieved by introducing additional programs for medical personnel, allocating funding to medical education, and developing upskilling or reskilling programs for medical services.

Surveillance Systems

In 2008, the WHO published “A Guide to Establishing Event-Based Surveillance” that defines surveillance capacity as the organized and rapid capture of information about events that are a potential risk to public health.²⁷⁹⁹ In 2009, the WHO published “Global Surveillance during an Influenza Pandemic,” which lists possible governmental actions to build surveillance capacity.²⁸⁰⁰ Such actions include:

- detecting and influencing an influenza virus with pandemic potential;
- confirming that an influenza virus with pandemic potential has acquired the ability to be transmitted from person to person and to initiate and sustain community-level outbreaks;

²⁷⁹⁶ Public Health Preapredness, World Health Organization (Geneva) no date. Access Date: 3 April 2019. <https://www.who.int/influenza/preparedness/en/>

²⁷⁹⁷ Action plan to improve public health preparedness and response in the WHO European Region 2018–2023, WHO (Copenhagen) 2019. Access date: 8 April 2020. http://www.euro.who.int/__data/assets/pdf_file/0009/393705/Action-Plan_EN_WHO_web_2.pdf?ua=1

²⁷⁹⁸ Action plan to improve public health preparedness and response in the WHO European Region 2018–2023, WHO (Copenhagen) 2019. Access date: 8 April 2020. http://www.euro.who.int/__data/assets/pdf_file/0009/393705/Action-Plan_EN_WHO_web_2.pdf?ua=1

²⁷⁹⁹ A Guide to Establishing Event-Based Surveillance, World Health Organization Regional Office for the Western Pacific (Manila), 2008. Access Date: 9 February 2018.

http://www.wpro.who.int/emerging_diseases/documents/docs/eventbasedsurv.pdf

²⁸⁰⁰ Global Surveillance During an Influenza Pandemic, World Health Organization (Geneva), 2009. Access date: 9 February 2018. http://www.who.int/csr/disease/swineflu/global_pandemic_influenza_surveillance_apr09.pdf

- describing early epidemiological, virological and clinical characteristics of the outbreak;
- estimating the geographical extent of virus spread to inform containment and control efforts; and
- alerting other states of a public health event of international concern or public health emergencies of international concern.

To achieve full compliance, a G20 member is required to take actions in all three priority areas.

Scoring Guidelines

-1	The G20 member did not take any actions aimed at promotion of public health preparedness and response
0	The G20 member took actions in one or two of the priority areas
+1	The G20 member took actions in all three priority areas

Centre for International Institutions Research

Argentina: +1

Argentina has fully complied with the commitment to improve public health preparedness and response.

On 15-17 July 2019, the Ministry of Health and the Pan American Health Organization (PAHO) organized the Workshop on Measurement, Analysis and Monitoring of Social Inequalities in Health. The workshop aimed to strengthen capacities for the measurement, analysis, and monitoring of social inequalities in health; provide technical recommendations; develop practical applications and review the monitoring process of the Sustainable Development Goals.²⁸⁰¹

On 16 August 2019, the Ministry of Health and the Ministry of Justice and Human Rights organized a meeting on the rational management and use of Essential Medicines at the First Level of Care for the health teams of the Federal Penitentiary Service.²⁸⁰²

On 29 August 2019, Ministry of Health and laboratory AstraZeneca signed an agreement to promote precision medicine in Argentina. This agreement will contribute to generating research, development and innovation (R + D + i) capacities through strategic collaboration projects between the public and private sectors, aimed at innovation in health services, optimizing existing qualities such as quality of care and access with equity in our health system. It will also allow strengthening and accelerating projects with opportunities for expansion, training and exchanging talents, and sharing practices and experiences with local and international leaders.²⁸⁰³

²⁸⁰¹ Argentina fue sede del Taller de Medición, Análisis y Monitoreo de Desigualdades Sociales en Salud, Government of Argentina (Buenos Aires) 17 July 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/argentina-fue-sede-del-taller-de-medicion-analisis-y-monitoreo-de-desigualdades-sociales-en>

²⁸⁰² Equipos de Salud del Servicio Penitenciario Federal asistieron a jornada de capacitación sobre uso de Medicamentos Esenciales, Government of Argentina (Buenos Aires) 16 August 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/equipos-de-salud-del-servicio-penitenciario-federal-asistieron-jornada-de-capacitacion>

²⁸⁰³ Health Innovation Hubs in Emerging Markets: creating integrated science ecosystems, Astra Zeneca (Cambridge) 5 May 2020. Access date: 20 May 2020. <https://www.astrazeneca.com/Partnering/partnering-case-studies/health-innovation-hubs-in-emerging-markets.html>

On 6 September 2019, Ministry of Health launches the National Plan for Cancer Control. The strategy aims to reduce the prevalence of modifiable risk factors for cancer, improve early diagnosis, care and quality of life for patients, and strengthen human resources to control this disease.²⁸⁰⁴

On 1 October 2019, a research program on antimicrobial resistance promoted through international cooperation between Argentina and the United Kingdom was presented in Buenos Aires. Research seeks to determine patterns in antimicrobial use; knowledge, attitudes and practices in livestock farming; structures and capacities of veterinarians and para-veterinarians; water and waste and sanitation management systems; the behavior and transit of antimicrobial resistant organisms in food systems and other key elements of reproductive systems.²⁸⁰⁵

On 7 October 2019, initiative organized by the Ministry of Health Government in collaboration with PAHO awarded three good practices of Family and Community Health in the framework of the universal health coverage. The Good Practices in Family and Community Health competition aimed to recognize and disseminate the actions of the first level of care to encourage and replicate them in the territory.²⁸⁰⁶

On 18 October 2019, Secretary of Health of the Nation presented the first Epidemiological Bulletin on Viral Hepatitis with the aim of providing tools to the members of the health teams, giving access to the information necessary to respond to the disease. The newsletter joins the concrete actions that guarantee surveillance, safe blood, vaccine prevention and timely treatment for people with viral hepatitis.²⁸⁰⁷

On 7 November 2019, Secretary on Health presented the First Clinical Practice Guide for the control of High Blood Pressure that includes recommendations based on scientific evidence on the prevention, diagnosis, treatment and monitoring of hypertension and seeks to contribute to the reduction of morbidity and mortality caused by cardiovascular diseases in Argentina.²⁸⁰⁸

On 19 December 2019, the Minister of Health inaugurated the Federal Health Council. "We are going to work with all the provinces to build a federal health policy. We will listen to everyone, we want to have everyone's representation and work intensively," said the Minister of Health of the Nation, Ginés González García during the opening of the Federal Health Council.²⁸⁰⁹

On 10 March 2020, the national government created a special fund of ARS1.7 billion to strengthen response to COVID-19. It was announced by authorities from the national health portfolio after

²⁸⁰⁴ Salud lanza el Plan Nacional de Control de Cáncer, Government of Argentina (Buenos Aires) 6 September 2019.

Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/salud-lanza-el-plan-nacional-de-control-de-cancer-0>

²⁸⁰⁵ Argentina avanza en la investigación sobre resistencia antimicrobiana, Government of Argentina (Buenos Aires) 1 October 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/en-cooperacion-con-el-reino-unido-argentina-avanza-en-la-investigacion-sobre-resistencia>

²⁸⁰⁶ Salud y OPS premiaron buenas prácticas en salud familiar y comunitaria, Government of Argentina (Buenos Aires) 7 October 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/salud-y-ops-premiaron-buenas-practicas-en-salud-familiar-y-comunitaria>

²⁸⁰⁷ Salud presentó el primer boletín epidemiológico sobre las hepatitis virales en Argentina, Government of Argentina (Buenos Aires) 18 October 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/salud-presento-el-primer-boletin-epidemiologico-sobre-las-hepatitis-virales-en-argentina>

²⁸⁰⁸ Salud lanzó la primera guía de práctica clínica para la atención de la hipertensión arterial en el país, Government of Argentina (Buenos Aires) 7 November 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/salud-lanzo-la-primer-guia-de-practica-clinica-para-la-atencion-de-la-hipertension>

²⁸⁰⁹ González García: "Vamos a trabajar con todas las provincias para construir una política de salud federal, Government of Argentina (Buenos Aires) 19 December 2019. Access date: 20 May 2020.

<https://www.argentina.gob.ar/noticias/gonzalez-garcia-vamos-trabajar-con-todas-las-provincias-para-construir-una-politica-de>

participating in a meeting at Casa Rosada led by the President of the Nation, Alberto Fernández and the Minister of Health, Ginés González García.²⁸¹⁰

On 20 March 2020, the Ministry of Health began the process of progressive distribution of more than 57,000 tests for diagnosis of COVID-19 to the different jurisdictions of the country. This action is completed with the online training that the professionals of the National Administration of Laboratories and Health Institutes offered by Dr. Carlos Malbrán and PAHO to the country's institutions that are part of the national network of laboratories.²⁸¹¹

On 22 March 2020, Minister Ginés González García and the Secretary for Health Quality, Arnaldo Medina, launched the distribution of chinstraps, masks, goggles, examination gloves, camisoles, thermometers, gel alcohol and disinfectant for ambulances and surfaces, within the framework of the emergency declared by the coronavirus pandemic.²⁸¹²

Argentina has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

Australia: +1

Australia has fully complied with the commitment to improve public health preparedness and response.

On 14 August 2019, the Government of Australia approved Australia's Long Term National Health Plan. The plan has four major pillars — enhancing primary care and improving access to medicines, supporting private and public hospitals, improving mental health, enhancing medical research capacity. The first pillar includes measures to boost healthcare institutions in rural areas, through increased funding (AUD500 million Stronger Rural Health Strategy), increased number of skilled medical workers in rural hospitals (plus 3000 new doctors and 3000 new nurses), creating new clinical training schools, and incentivizing healthcare professionals. The plan also provides for a AUD125 million investment into Million Minds Mission initiative, including AUD5 million for early detection, diagnosis and treatment of eating disorders. One of the priorities of the plan is to continue improving capacities for early detection of oncological diseases.²⁸¹³

On 11 March 2020, the Australian Government unveiled its COVID-19 National Health Plan. The Plan worth AUD2.4 billion. The Plan provided for support across multiple areas, such as: primary care, aged care, hospitals, research and the national medical stockpile. One of the highlights of the plan is the development of telemedicine capacity of the Australian healthcare system. AUD100

²⁸¹⁰ Gobierno nacional creó fondo especial de 1.700 millones de pesos para fortalecer respuesta ante el COVID-19, Government of Argentina (Buenos Aires) 10 March 2020. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/gobierno-nacional-creo-fondo-especial-de-1700-millones-de-pesos-para-fortalecer-respuesta>

²⁸¹¹ ANLIS avanza en la descentralización de la detección diagnóstica del nuevo coronavirus, Government of Argentina (Buenos Aires) 20 March 2020. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/anlis-avanza-en-la-descentralizacion-de-la-deteccion-diagnostica-del-nuevo-coronavirus>

²⁸¹² Salud refuerza la distribución de insumos con destino a hospitales nacionales, Government of Argentina (Buenos Aires) 22 March 2020. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/salud-refuerza-la-distribucion-de-insumos-con-destino-hospitales-nacionales>

²⁸¹³ Australia's Long Term National Health Plan, Australian Government Department of Health (Canberra) 14 August 2019. Access Date: 14 May 2020. https://www.health.gov.au/sites/default/files/australia-s-long-term-national-health-plan_0.pdf.

million were allocated for a new Medicare service for people in home isolation or quarantine. AUD500 million were slated for states and territories to fight COVID-19 outbreak. AUD30 million were allocated from the Medical Research Future Fund for vaccine, anti-viral and respiratory medicine research.²⁸¹⁴

Australia has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

Brazil: +1

Brazil has fully complied with the commitment to improve public health preparedness and response.

On 11 November 2019, the computerization program of the Government of Brazil for health, “Connect SUS,” was launched by the Minister of Health Luiz Henrique Mandetta. The program will integrate citizen health information into a large data network. As a result, health professionals and managers will be more efficient in providing care and continuing patient care at any time and place.²⁸¹⁵

On 12 November 2019, ordinance No. 2,979 instituted the Previne Brasil Program, which established a new financing model for funding Primary Health Care within the scope of the Unified Health System. For public health management, the main impact is related to changes in the transfer of funds by the federal government. In order not to lose resources, it will be necessary to comply with specific indicators that assess coverage and quality of services.²⁸¹⁶

On 27 November 2019, the National Congress approved the creation of the Doctors for Brazil program, launched by President Jair Bolsonaro. The initiative will take 18,000 doctors to the poorest regions of the country, in addition to training specialists in the prevention and monitoring of diseases more frequent in Brazilians, such as diabetes and hypertension.²⁸¹⁷

On 11 December 2019, ordinance No. 3,263 established the financial incentive for federal funding for the implementation and strengthening of registration actions for users of the Unified Health System, within the scope of primary health care.²⁸¹⁸

Brazil has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

²⁸¹⁴ \$2.4 Billion Health Plan To Fight Covid-19, Australian Government (Canberra) 11 March 2020. Access Date: 14 May 2020. <https://www.pm.gov.au/media/24-billion-health-plan-fight-covid-19>.

²⁸¹⁵ Saúde será conectada em todo Brasil, Ministry of Health of Brazil (Brasilia) 11 November 2019. Access date: 20 May 2020. <https://www.saude.gov.br/noticias/agencia-saude/conecte-sus-saude-sera-conectada-em-todo-brasil>

²⁸¹⁶ Portaria Nº 2.979, Diário Oficial Da União (Brasilia) 12 November 2019. Access date: 20 May 2020. <http://www.in.gov.br/en/web/dou/-/portaria-n-2.979-de-12-de-novembro-de-2019-227652180>

²⁸¹⁷ Médicos pelo Brasil é aprovado pelo Congresso Nacional, Ministry of Health of Brazil (Brasilia) 27 November 2019. Access date: 20 May 2020. <https://saude.gov.br/noticias/agencia-saude/46092-medicos-pelo-brasil-e-aprovado-pelo-congresso-nacional>

²⁸¹⁸ Portaria Nº 3.263, Diário Oficial Da União (Brasilia) 11 December 2019. Access date: 20 May 2020. <http://www.in.gov.br/en/web/dou/-/portaria-n-3.263-de-11-de-dezembro-de-2019-232941846>

Canada: +1

Canada has fully complied with the commitment to improve public health preparedness and response.

On 17 July 2019, Minister of Health Ginette Petitpas Taylor announced the Government's allocation of additional CAD76.2 million to address the opioid crisis and problematic substance use, bringing the total funding to more than CAD100 million. These funds include: CAD41.8 million to scale up key life-saving measures in underserved communities, CAD33.6 million to mitigate the impacts of the illegal drug supply, and CAD31.3 million to identify and address emerging drug threats.²⁸¹⁹

On 15 January 2020, the Public Health Agency of Canada activated its Health Portfolio Operations Centre and triggered the Federal/Provincial/Territorial Public Health Response Plan for the Biological Events. The plan aims to coordinate federal, provincial and territorial healthcare authorities' responses to public health events that are biological in nature and are of a high level of severity.²⁸²⁰

On 18 March 2020, Minister Hajdu announced the signing of Interim Order, allowing expedited access to COVID-19-related medical devices for use by healthcare providers, including diagnostic test kits. This measure was taken to ensure quicker and more flexible approval of the importation and sale of medical devices that are necessary for Canada's response to COVID-19.²⁸²¹

On 23 April 2020, the Government of Canada released its Research Response to COVID-19. As a part of a CAD1 billion support to the fight against the coronavirus outbreak, CAD275 million were directed to the support of academia and industry partners to advance innovative research and large-scale projects to respond to COVID-19 and ensure domestic supply of potential vaccines and treatments. The Plan also provides for engaging with private sector to build-up research capacity in response to COVID-19. CAD100 million are to be directed towards improving public health services, including enhanced surveillance and scaled-up testing.²⁸²²

Canada has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

China: 0

China has partially complied with the commitment on improving public health preparedness and response.

²⁸¹⁹ Government of Canada invests in new measures to address the opioid crisis and emerging drug threats, Government of Canada (Ottawa) 17 July 2019. Access Date: 14 May 2020. <https://www.canada.ca/en/health-canada/news/2019/07/government-of-canada-invests-in-new-measures-to-address-the-opioid-crisis-and-emerging-drug-threats.html>.

²⁸²⁰ Government of Canada takes action on COVID-19, Government of Canada (Ottawa) 13 March 2020. Access Date: 14 May 2020. <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/canadas-reponse/government-canada-takes-action-covid-19.html>.

²⁸²¹ Health Canada expedites access to COVID-19 diagnostic laboratory test kits and other medical devices, Government of Canada (Ottawa) 18 March 2020. Access Date: 14 May 2020. <https://www.canada.ca/en/health-canada/news/2020/03/health-canada-expedites-access-to-covid-19-diagnostic-laboratory-test-kits-and-other-medical-devices.html>.

²⁸²² Government of Canada's research response to COVID-19, Government of Canada (Ottawa) 23 April 2020. Access Date: 14 May 2020. <https://www.canada.ca/en/public-health/services/publications/diseases-conditions/covid-19-government-canada-research-response.html>.

On 19 February 2020, China's health authorities revealed that a novel coronavirus can be transmitted via aerosol. In that case, the respiratory droplets and close contacts should be considered as primary means of the infection's spread.²⁸²³

On 7 March 2020, the National Medical Products Administration approved a 29-minutes testing kit that would help to enhance surveillance capacity against the spread of the novel coronavirus. The kit was developed by specialists from Xiamen University.²⁸²⁴

On 8 March 2020, the Government of China announced its intention to donate USD20 million to the World Health Organization to help reduce the spread and impact of the coronavirus.²⁸²⁵

On 12 March 2020, China announced its intention to assist countries in combating the spread of COVID-19. The announcement was made during a meeting of a leading group of China's coronavirus response chaired by Premier Li Keqiang. The participants of the meeting urged Chinese producers of medical supplies to boost production to match growing demand in countries affected with influenza.²⁸²⁶

On 17 March 2020, Chinese authorities launched clinical trials of coronavirus vaccine. Volunteers aged between 18 and 60 are kept in two medical facilities in Wuhan. The trial is scheduled to finish by 31 December 2020.²⁸²⁷

On 18 March 2020, the leading Chinese experts in traditional medicine from the Chinese Academy of Engineering shared their experience with the American counterparts in diagnosing and treating pneumonia associated with the recent outbreak of COVID-19 in Wuhan. The methods discussed were proved to be effective in-field and thus can be exploited to deal with the spread of disease in the United States.²⁸²⁸

On 18 March 2020, China sent a group of 13 medical experts and 17.3 metric tons of medical supplies to Milan, Italy, to help European countries contain the spread of COVID-19. It's the second flight sent by the Chinese government to Europe. The expert team would share experience with local health authorities in dealing with the novel coronavirus.²⁸²⁹

On 20 March 2020, Chinese health officials and experts held an online conference on the prevention and control of the COVID-19. The conference was attended by health practitioners, experts and

²⁸²³ Novel coronavirus can transmit via aerosol: health authorities, National Health Commission of the People's Republic of China 02 February 2020 (Beijing). Access date: 23 March 2020. http://en.nhc.gov.cn/2020-02/20/c_76749.htm

²⁸²⁴ China approves 29-minute testing kit for new coronavirus, National Health Commission of the People's Republic of China 08 March 2020 (Beijing). Access date: 23 March 2020.: http://en.nhc.gov.cn/2020-03/08/c_77478.htm

²⁸²⁵ China to donate 20 mln USD supporting WHO's global fight against coronavirus, National Health Commission of the People's Republic of China 08 March 2020 (Beijing). Access date: 23 March 2020.http://en.nhc.gov.cn/2020-03/08/c_77481.htm

²⁸²⁶ China pledges international pandemic aid, National Health Commission of the People's Republic of China 13 March 2020 (Beijing). Access date: 23 March 2020. http://en.nhc.gov.cn/2020-03/13/c_77654.htm

²⁸²⁷ China launches first clinical trial of coronavirus vaccine, National Health Commission of the People's Republic of China 22 March 2020 (Beijing). Access date: 23 March 2020. http://en.nhc.gov.cn/2020-03/22/c_78098.htm

²⁸²⁸ TCM experience shared with US counterparts to fight virus, National Health Commission of the People's Republic of China 20 March 2020 (Beijing). Access date: 23 March 2020. http://en.nhc.gov.cn/2020-03/20/c_78013.htm

²⁸²⁹ 13-member team of Chinese experts fly to Italy, National Health Commission of the People's Republic of China 19 March 2020 (Beijing). Access date: 23 March 2020.http://en.nhc.gov.cn/2020-03/19/c_77957.htm

officials from 19 countries, influenced with the virus. The aim of the conference was to share positive experience gathered by Chinese health authorities during latest emergency.²⁸³⁰

On 9 May 2020, China has released guidelines on regular COVID-19 prevention. The guide is aimed at prevention of imported cases of the COVID-19 and domestic resurgence, faster response to an epidemic outbreak, better treatment of infected persons and overall recovery of the social and economic order.²⁸³¹

On 10 May 2020, China delivered another batch of anti-coronavirus medical aid to Egypt. The batch included 4.7 tones of medical supplies namely N95 masks, protective suits and detecting reagents.²⁸³²

On 13 May 2020, 12 Chinese specialists were dispatched to Harare, Zimbabwe, to fight against the spread of COVID-19 in the country. The doctors will help in sharing ideas and experiences with local medical practitioners.²⁸³³

On 14 May 2020, Chinese medical experts held a videoconference with counterparts from 24 African countries and the African Centers for Disease Control and Prevention. The conference covered more than 50 technical questions related to the clinical diagnosis and treatment methods of COVID-19 and the application of traditional Chinese medicine in its diagnosis and treatment.²⁸³⁴

China is taking steps aimed at further improvement of public health surveillance system and personal training, but no facts proving that China is working on improvement of institutional architecture in the public health sphere have been found.

Thus, China receives a score of 0.

Analyst: Alexander Ignatov

France: +1

France has fully complied with the commitment to improve public health preparedness and response.

On 15 October 2019, the Ministry of Solidarity and Health announced the launch of the Complémentaire santé solidaire (New Complementary Healthcare). The new program came into effect on 1 November. It allows people with modest or low incomes to benefit from additional coverage of health costs.²⁸³⁵

²⁸³⁰ China shares virus knowledge, response with 19 nations in conference, National Health Commission of the People's Republic of China 21 March 2020 (Beijing). Access date: 23 March 2020. http://en.nhc.gov.cn/2020-03/21/c_78065.htm

²⁸³¹ State Council issues guideline on regular COVID-19 prevention, National Health Commission of the People's Republic of China (Beijing) 09 May 2020. Access date: 15 May 2020. http://en.nhc.gov.cn/2020-05/09/c_79992.htm

²⁸³² Egypt receives 2nd batch of anti-coronavirus medical aid from Chinese govt', National Health Commission of the People's Republic of China (Beijing) 11 May 2020. Access date: 15 May 2020. http://en.nhc.gov.cn/2020-05/11/c_80052.htm

²⁸³³ China dispatches anti-COVID-19 doctors to Zimbabwe, National Health Commission of the People's Republic of China (Beijing) 13 May 2020. Access date: 15 May 2020. http://en.nhc.gov.cn/2020-05/13/c_80109.htm

²⁸³⁴ China, African countries share COVID-19 knowledge via video link, National Health Commission of the People's Republic of China (Beijing) 14 May 2020. Access date: 15 May 2020. http://en.nhc.gov.cn/2020-05/14/c_80139.htm

²⁸³⁵ Nouvelle Complémentaire santé solidaire, Ministry of Solidarity and Health of France (Paris) 15 October 2019. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/nouvelle-complementaire-sante-solidaire>

On 20 November 2019, Prime Minister Édouard Philippe and Minister of Solidarity and Health Agnès Buzyn announced “Investing for the Hospital,” a new component of the “My Health 2022” strategy, aimed at restoring flexibility and leeway for improve the daily lives of hospital teams and to better support them in transformations, around three axes:

- Restore the attractiveness of the trades and (re) make caregivers want to work in the hospital,
- Restore the dialogue and flexibility of management in the daily life of the hospital,
- Reinvest the public hospital by giving it new means and visibility over time.²⁸³⁶

On 30 November 2019, the Health Data Hub was officially launched. New tools, such as mass processing of health data and artificial intelligence will allow significant progress in patient support, assessment and choice of treatments and management of the health system.²⁸³⁷

On 9 January 2020, Minister Buzyn, Minister of Higher Education Research and Innovation Frédérique Vidal and Secretary General for Investment Guillaume Boudy launched the priority research program with EUR40 million dedicated to the fight against antibiotic resistance coordinated by Inserm on behalf of the entire national scientific community.²⁸³⁸

On 6 February 2020, Minister Buzyn concluded a memorandum of understanding with the federations of health establishments and for the first time registered the progression of the resources of health establishments in a multi-year logic. The decisions taken for the 2020 price and budget campaign, like those of the 2019 campaign, are a major break with the long cycle of price cuts that establishments have experienced in recent years.²⁸³⁹

On 25 March 2020, the Ministry of Solidarity and Health set up an accelerated procedure for evaluating research projects. A jury comprising representatives of the scientific committee of the REACTing consortium urgently examined 27 projects related to COVID-19. 11 projects were identified by the jury as priorities to be implemented now. These projects cover a large part of the continuum of health research, from diagnosis to treatment through the psychological impact of the epidemic and concern both patients and caregivers.²⁸⁴⁰

On 8 May 2020, the government decided to finance by health insurance an exceptional premium for professionals present during the crisis, whatever their status, of all accommodation establishments for dependent elderly people (Ehpad) as well as establishments and services accompanying adults and

²⁸³⁶ Agnès BUZYN enclenche la mise en oeuvre des mesures "investir pour l'hôpital", Ministry of Solidarity and Health of France (Paris) 13 January 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/agnes-buzyn-enclenche-la-mise-en-oeuvre-des-mesures-investir-pour-l-hopital>

²⁸³⁷ Crédit officiel du Health data hub, Ministry of Solidarity and Health of France (Paris) 30 November 2019. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/creation-officielle-du-health-data-hub>

²⁸³⁸ Coup d'envoi du programme prioritaire de recherche sur l'antibiorésistance, Ministry of Solidarity and Health of France (Paris) 9 January 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/coup-d-envoi-du-programme-prioritaire-de-recherche-sur-l-antibioresistance-429001>

²⁸³⁹ Premier protocole d'accord sur l'évolution pluriannuelle minimale des ressources des établissements de santé, Ministry of Solidarity and Health of France (Paris) 6 February 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/premier-protocole-d-accord-sur-l-evolution-pluriannuelle-minimale-des>

²⁸⁴⁰ Ministère des Solidarités et de la Santé — Financement en urgence de 11 projets de recherche appliquée en santé pour près de 9 millions d'euros, Ministry of Solidarity and Health of France (Paris) 25 March 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/ministere-des-solidarites-et-de-la-sante-financement-en-urgence-de-11-projets>

children with disabilities who are financed or co-financed by health insurance. For these professionals, who have worked in the thirty-three departments most affected by the epidemic, the premium will be EUR1,500. For professionals in other departments, it will be EUR1,000.²⁸⁴¹

On 18 May 2020, Minister of Solidarity and Health Olivier Véran and Minister Vidal announced that the “numerus clausus” for the year 2019-2020 will allow nearly 15,000 students to continue their studies to become health professionals. This numerus clausus will be the last. In fact, in application of the law relating to the organization and transformation of the health system, the First Common Year of Health Studies (PACES) and the Numérus Clausus will be abolished from the start of the 2020 academic year in favor of a variety of access routes to Health Studies and to regulation as close as possible to the needs of the territories.²⁸⁴²

France has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

Germany: +1

Germany has fully complied with the commitment to improve public health preparedness and response.

On 4 October 2019, Germany committed an additional EUR3 million in support of the World Health Organization’s (WHO) fight against Ebola. Minister of Health Jens Spahn pledged this at a meeting of WHO representatives in Goma, Congo. These additional funds will replenish WHO’s Contingency Fund for Emergencies, which was set up in 2015 in the wake of the first major Ebola crisis. With the EUR33.6 million it had donated since the Fund’s creation, the German government became its biggest single contributor.²⁸⁴³

On 23 January 2020, the Global Health Hub Germany awarded the three winning teams of the New Ideas for Global Health competition. The Global Health Hub Germany was founded by the Federal Ministry of Health as an independent network. Minister Spahn called for this competition and invited over 600 members of the Global Health Hub to form cross-stakeholder project teams to jointly develop project ideas to solve global health challenges. In November 2019, a panel of experts selected the top three project ideas. The selected projects range from an app to pay for healthcare services to the promotion of global health at German medical schools and a database on project partnerships.²⁸⁴⁴

On 1 March 2020, the Measles Protection Act entered into force. In particular, the act provides for the proof of age-appropriate measles vaccination protection to be given when being admitted to

²⁸⁴¹ Versement d'une prime exceptionnelle aux professionnels des secteurs sociaux et médico-sociaux, , Ministry of Solidarity and Health of France (Paris) 8 May 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/versement-d'une-prime-exceptionnelle-aux-professionnels-des-secteurs-sociaux-et>

²⁸⁴² Numérus Clausus 2020, Ministry of Solidarity and Health of France (Paris) 18 May 2020. Access date: 20 May 2020. <https://solidarites-sante.gouv.fr/actualites/presse/communiques-de-presse/article/numerus-clausus-2020-429464>

²⁸⁴³ Federal Minister of Health, Jens Spahn, commits additional funds to WHO Contingency Fund for Emergencies (CFE), German Federal Ministry of Health 4 October 2019. Access Date: 3 April 2020.

<https://www.bundesgesundheitsministerium.de/en/press/2019/who-contingency-fund.html>.

²⁸⁴⁴ Spahn: “Strong German network for global health”, German Federal Ministry of Health 23 January 2020. Access Date: 3 April 2020. <https://www.bundesgesundheitsministerium.de/en/en/press/2020/global-health-hub.html>.

daycare facilities or schools. Persons who work in community and healthcare facilities must also be vaccinated against this infectious disease.²⁸⁴⁵

On 25 March 2020, the Bundestag adopted the COVID-19 Hospital Relief Act. It comprises a number of measures to guarantee the funding of hospitals and ensure their liquidity. The act contains provisions for out-patient care. Doctors working in practices can expect to receive compensatory payments if they suffer loss of earnings as a result of the COVID-19 pandemic. It also amends the Federal Training Promotion Act to ensure that young people who are still in training, and who make a valuable contribution to easing the strain on the health system, do not suffer any disadvantages relating to their loans for trainees.²⁸⁴⁶

On 4 May 2020, Chancellor Angela Merkel pledged EUR525 million for the Global Response Initiative to fight COVID-19.²⁸⁴⁷

Germany has taken actions in all three areas of improving public health preparedness and response.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

India: +1

India has fully complied with the commitment to improve public health preparedness and response.

On 16 July 2019, the government constituted a committee to examine various aspects of a uniform legislative framework to address issues of assault on clinical establishments and doctors on duty.²⁸⁴⁸

On 18 July 2019, the Ministry of Health and Family Welfare signed a memorandum of understanding (MoU) with the Ministry of AYUSH, Ministry of Defence and Ministry of Railways to strengthen inter-ministerial coordination and efforts towards tuberculosis-free India by 2025. Union Health Minister Harsh Vardhan said that “multisectoral action” is one of the key strategies which makes a strong case for transforming India’s tuberculosis elimination efforts from a siloed health sector response to a holistic approach.²⁸⁴⁹

On 26 August 2019, the Health Ministry signed an MOU with the Ministry of Social Justice and Empowerment for enhanced outreach on HIV/AIDS prevention. It will help in developing specific strategies and action plans for HIV and AIDS prevention and mechanisms for drug addiction treatment and extending social protection schemes to the vulnerable populations. Speaking on the key deliverables of the MoU, Minister Vardhan stated that the MoU will help in developing human resources and build capacity in order to strengthen the service delivery mechanisms for HIV/AIDS

²⁸⁴⁵ The Bundestag adopts the Measles Protection Act, German Federal Ministry of Health 14 November 2019. Access Date: 3 April 2020. <https://www.bundesgesundheitsministerium.de/en/press/2019/measles-protection-act.html>.

²⁸⁴⁶ Hospitals and medical practices to be strengthened, German Federal Government 25 March 2020. Access Date: 3 April 2020. <https://www.bundesregierung.de/breg-de/themen/coronavirus/covid19-krankenhaus-gesetz-1735060>.

²⁸⁴⁷ Billions pledged for the fight against the coronavirus, German Federal Government 4 May 2020. Access Date: 15 May 2020. <https://www.bundesregierung.de/breg-en/search/geberkonferenz-covid-19-1750332>.

²⁸⁴⁸ Bill on Protection of Resident doctors, Press Information Bureau of Indian Government (New Delhi) 16 July 2019. Access date: 19 May 2020. <https://pib.gov.in/PressReleasePage.aspx?PRID=1578930>

²⁸⁴⁹ Health Ministry signs MoUs with three Ministries for enhanced cooperation to end TB by 2025, Press Information Bureau of Indian Government (New Delhi) 18 July 2019. Access date: 19 May 2020. <https://pib.gov.in/PressReleasePage.aspx?PRID=1579436>

prevention, drug addiction treatment and referral to services offered by National AIDS Control Programme.²⁸⁵⁰

On 30 August 2019, the Central Tuberculosis Division of the Health Ministry signed an MoU with Wadhwani Institute for Artificial Intelligence to explore the application of cutting-edge Artificial Intelligence technology in its fight against tuberculosis. As part of the collaboration, Wadhwani AI would be supporting the national tuberculosis program become ready for artificial intelligence (AI), which would include, developing, piloting and deploying AI-based solutions. It would support the programme in vulnerability and hot-spot mapping, modelling novel methods of screening and diagnostics and enabling decision support for care givers.²⁸⁵¹

On 28 March 2020, Minister Vardhan launched the National Teleconsultation Centre (CoNTeC). He said that CoNTeC has been made operational with a view to connect the doctors across the country in real time for treatment of COVID-19 patients. He said that doctors would be available in the facility seven days a week and operational for 24 hours.²⁸⁵²

On 19 April 2020, the Indian government launched an online data pool of doctors including nurses and other health care professionals and volunteers to use by the ground level administration at state, district or municipal levels.²⁸⁵³

India has taken actions in all three areas of improving public health preparedness and response.

Thus, it receives a score of +1.

Analyst: Irina Popova

Indonesia: 0

Indonesia has partially complied with the commitment to improve public health preparedness and response.

On 7-9 August 2019, in Bekasi, West Java, in order to improve local and national emerging infectious diseases (EIDs) preparedness and to improve the capacity for detection and response to potential public health emergencies the Ministry of Health in cooperation with World Health Organization (WHO) Indonesia hold local EID risk mapping workshops.²⁸⁵⁴

²⁸⁵⁰ Health Ministry signs MoU with Ministry of Social Justice & Empowerment for enhanced outreach on HIV/AIDS prevention, Press Information Bureau of Indian Government (New Delhi) 26 August 2019. Access date: 19 May 2020. <https://pib.gov.in/PressReleasePage.aspx?PRID=1583055>

²⁸⁵¹ TB Division of the Health Ministry signs MoU to explore Artificial Intelligence (AI) based solutions in combating TB, Press Information Bureau of Indian Government (New Delhi) 30 August 2019. Access date: 19 May 2020. <https://pib.gov.in/PressReleasePage.aspx?PRID=1583584>

²⁸⁵² Dr. Harsh Vardhan launches National Teleconsultation Centre (CoNTeC), Press Information Bureau of Indian Government (New Delhi) 28 March 2020. Access date: 19 May 2020. <https://pib.gov.in/PressReleasePage.aspx?PRID=1608907>

²⁸⁵³ Government has created an online data pool on <https://covidwarriors.gov.in> of doctors including AYUSH doctors, nurses and other health care professionals, volunteers from NYKs, NCC NSS, PMGKVK, ex Servicemen etc for use by the ground level administration at state, district or municipal levels.

²⁸⁵⁴ Risk Mapping for Emerging Infectious Diseases (EID) 07 October 2019. Access date: 28 March 2020. [https://www.who.int/indonesia/news/detail/07-10-2019-risk-mapping-for-emerging-infectious-diseases-\(eid\)](https://www.who.int/indonesia/news/detail/07-10-2019-risk-mapping-for-emerging-infectious-diseases-(eid))

On 13-15 August 2019, Timor-Leste and Indonesia have embarked upon the joint elimination of AIDS, tuberculosis and malaria. The parties agreed:²⁸⁵⁵

- To develop the details of activity implementation plans for each program,
- To establish the coordination mechanism and service pathway for disease control and prevention of AIDS, tuberculosis and malaria,
- To monitor and evaluate the existing joint activities on AIDS, tuberculosis and malaria,
- To evaluate the progress of the baseline assessment for malaria.

On 26 August 2019, Finance Minister Sri Mulyani Indrawati said the government intends to set aside IDR48.8 trillion for healthcare in the 2020 state budget (IDR26.7 trillion in 2019) to take into account the increased subsidy for the poor so they can afford their health insurance.²⁸⁵⁶

On 4 October 2019, the Indonesian Ministry of Health, in collaboration with WHO Indonesia and other implementing partners, launched the fifth and final round of Lymphatic Filariasis Elimination Campaign in Malaka District, East Nusa Tenggara. The campaign is called “Bulan Eliminasi Kaki Gajah (BELKAGA),” or “LF Elimination Month.” The campaign aims to accelerate the delivery of preventive chemotherapy medicine to high-risk populations within 118 endemic districts. It is running in conjunction with the annual Mass Drugs Administration for the entire eligible population which began on 1 October and is expected to be completed by 31 October 2019. The National Lymphatic Filariasis Elimination Programme aims to eliminate the disease by delivering single annual doses of diethylcarbamazine citrate and albendazole to all eligible populations living in endemic districts.²⁸⁵⁷

In October 2019, the Ministry of Health in cooperation with WHO Indonesia facilitated antimicrobial resistance (AMR) awareness sessions at universities in three cities across Indonesia: Udayana University, Gadjah Mada University, and Padjajaran University under World Antibiotic Awareness Week 2019 (annually organized by WHO). The sessions targeted medical, dentistry, veterinary, public health, nursing, and pharmaceutical students to sensitise them on the issues of AMR, including the use of antibiotics and the concept of the One Health approach that covers human health, veterinary health, and environmental health. The lectures also highlighted the compliance of health professionals with infection prevention control measures.²⁸⁵⁸

On 16-17 October 2019, in Riau, West Sumatra, in order to improve local and national EIDs preparedness and to improve the capacity for detection and response to potential public health

²⁸⁵⁵ The 3rd Cross Border Meeting between the Republic of Indonesia and the Democratic Republic of Timor-Leste on AIDS, TB, and Malaria 28 August 2019. Access date: 28 March 2020. <https://www.who.int/indonesia/news/detail/28-08-2019-the-3rd-cross-border-meeting-between-the-republic-of-indonesia-and-the-democratic-republic-of-timor-leste-on-aids-tb-and-malaria>

²⁸⁵⁶ Bitter Pill to Swallow: Should BPJS Kesehatan Increase Premium to Cover Deficit? 26 August 2019. Access date: 28 March 2020. <https://jakartaglobe.id/news/bitter-pill-to-swallow-should-bpjks-kesehatan-increase-premium-to-cover-deficit/>

²⁸⁵⁷ Indonesia launches final round of Mass Drugs Administration (MDA) Campaign to eliminate Lymphatic Filariasis 22 October 2019. Access date: 28 March 2020. [https://www.who.int/indonesia/news/detail/22-10-2019-indonesia-launches-final-round-of-mass-drugs-administration-\(mda\)-campaign-to-eliminate-lymphatic-filariasis](https://www.who.int/indonesia/news/detail/22-10-2019-indonesia-launches-final-round-of-mass-drugs-administration-(mda)-campaign-to-eliminate-lymphatic-filariasis)

²⁸⁵⁸ Raising awareness on antimicrobial resistance among university students 14 January 2020. Access date: 28 March 2020. <https://www.who.int/indonesia/news/detail/14-01-2020-raising-awareness-on-antimicrobial-resistance-among-university-students>

emergencies the Ministry of Health in cooperation with WHO Indonesia hold local EID risk mapping workshop.²⁸⁵⁹

On 20 and 22 November 2019, the Ministry of Manpower in cooperation with the International Labour Organization conducted two-day workshop titled “Strategic Programme Development on HIV/AIDS Prevention at the Workplace 2020-2024” with participation of various relevant ministries, private sector, workers’ organizations, civil society organizations and United Nations agencies. Making the best use of digitalization and social media channel, greater public and trade union involvement and advocacy as well as sensitization HIV programmes for relevant ministries, local governments and enterprises were key activities proposed to be included in the national HIV/AIDS prevention programme in Indonesia. Other proposed action programmes included the revitalization of HIV working group and the tax incentive program to attract more companies and industries in HIV prevention program at the workplace.²⁸⁶⁰

Indonesia has made progress in one priority area — surveillance systems development, but actions on other two areas were registered yet.

Thus, it receives a score of 0.

Analyst: Pavel Doronin

Italy: +1

Italy has fully complied with the commitment to improve public health preparedness and response.

On 9 September 2019, the Ministry of Health announced the call for researchers to present their research projects aimed at developing innovative procedures in prevention, diagnostics, treatment and rehabilitation. The Ministry of Health allocated EUR100 million to be distributed among the researchers, who’s proposals would be approved.²⁸⁶¹

On 4 October 2019, the national self-sufficiency program for blood and its products, for the year 2019 was published in the Official Gazette. The 2019 program identified the annual objectives, consumption levels, production levels required, compensation and monitoring of the self-sufficiency of blood components.²⁸⁶²

On 14 December 2019, the Ministry of Health highlighted the healthcare measures taken during the first 100 days of the new Government. Among these measures: EUR2 billion allocated for National Healthcare Fund, EUR2 billion allocated for healthcare infrastructure modernization and construction.²⁸⁶³

²⁸⁵⁹ Risk Mapping for Emerging Infectious Diseases (EID) 07 October 2019. Access date: 28 March 2020.

[https://www.who.int/indonesia/news/detail/07-10-2019-risk-mapping-for-emerging-infectious-diseases-\(eid\)](https://www.who.int/indonesia/news/detail/07-10-2019-risk-mapping-for-emerging-infectious-diseases-(eid))

²⁸⁶⁰Indonesia to develop Strategic Programme on HIV Prevention at the Workplace 2020-2024 27 November 2019.

Access date: 28 March 2020. https://www.ilo.org/jakarta/info/public/pr/WCMS_733268/lang--en/index.htm

²⁸⁶¹ Bando della ricerca finalizzata 2019, fondi per 100 milioni di euro, Italian Ministry of Health (Rome) 9 September 2019. Access Date: 15 May 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3877.

²⁸⁶² Sangue, programma di autosufficienza nazionale 2019, Italian Ministry of Health (Rome) 22 October 2019. Access Date: 15 May 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3937.

²⁸⁶³ Bilancio dei primi cento giorni di governo in materia di salute, Italian Ministry of Health (Rome) 14 December 2019. Access Date: 15 May 2020.

http://www.salute.gov.it/portale/news/p3_2_1_1.jsp?lingua=italiano&menu=notizie&p=dalministero&id=3995.

On 22 January 2020, the Ministry of Health hosted the first meeting of the task-force convened to coordinate the government healthcare response to the COVID-19 outbreak.²⁸⁶⁴

On 23 February 2020, the government approved the law on urgent measures to contain the spread of COVID-19, allocating EUR20 million to cover the costs, associated with the initial stages of the national health emergency.²⁸⁶⁵

On 17 March 2020, the government issued a new law on increasing the national healthcare service capacities to contain the spread of COVID-19. The measures included financial stimuli for overtime medical workers worth EUR250 million, measures to strengthen surveillance worth EUR5 million in 2020.²⁸⁶⁶

Italy has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment to improve public health preparedness and response.

On 30 July 2019, the Japan International Cooperation Agency (JICA) announced it would provide emergency relief goods and personal protective equipment per request from the Democratic Republic of the Congo relating to the Ebola virus disease outbreak.²⁸⁶⁷

On 28 October 2019, JICA signed a grant agreement with the government of Cote d'Ivoire, to provide grant aid of up to JPY4,163 billion for the Project for the Development of the University Hospital Center for the improvement of maternal and child health care services in Abidjan.²⁸⁶⁸

On 28 November 2019, JICA signed the Record of Discussions in Teheran for the “Project for Improving Medical Services in the Islamic Republic of Iran through Japan’s Medical Management Models” to improve medical services for patients with non-communicable diseases and senior citizens through transferring knowledge of, and experiences in, advanced medical services and related

²⁸⁶⁴ Coronavirus 2019-nCoV: riunita la task-force del Ministero della Salute, Italian Ministry of Health (Rome) 22 January 2020. Access Date: 15 May 2020.

<http://www.salute.gov.it/portale/nuovocoronavirus/dettaglioComunicatiNuovoCoronavirus.jsp?lingua=italiano&menu=salastampa&p=comunicatistampa&id=5373>.

²⁸⁶⁵ Decreto Legge del 23 febbraio 2020 n.6 — Misure urgenti in materia di contenimento e gestione dell'emergenza epidemiologica da COVID-19, Italian Government (Rome) 23 February 2020. Access Date: 15 May 2020.

<http://www.protezionecivile.gov.it/amministrazione-trasparente/provvedimenti/-/content-view/view/1215252>.

²⁸⁶⁶ Misure di potenziamento del Servizio sanitario nazionale, Gazzetta Ufficiale Della Repubblica Italiana (Rome) 17 March 2020. Access Date: 15 May 2020. http://www.governo.it/sites/new.governo.it/files/documenti/documenti/Notizie-allegati/covid-19/decreto_20200317.pdf.

²⁸⁶⁷ Emergency Assistance to the Democratic Republic of the Congo in Response to the Ebola Virus Disease Outbreak in the eastern part of the country, JICA 30 July 2019. Access date: 23 March 2019.

https://www.jica.go.jp/english/news/field/2019/20190730_40.html

²⁸⁶⁸ Signing of Grant Agreement with Cote d'Ivoire: Contributing to the improvement of maternal and child health care through the construction of a maternal and child health care annex, JICA 28 October 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20191028_41_en.html

health policies developed in Japan, including increasing the capacity of Iran's health professionals through training programs in medical technology and management.²⁸⁶⁹

On 26 February 2020, JICA signed a grant agreement with the Palestinian Authority in Ramallah to provide grant aid of up to JPY1,955 billion to strengthen the capacity for diagnosis and treatment of non-communicable diseases at core hospitals in the West Bank and the Gaza Strip through the supply of medical equipment for countermeasures against non-communicable diseases.²⁸⁷⁰

On 6 March 2020, screening for the novel coronavirus was included into coverage by the national health insurance.²⁸⁷¹

On 10 March 2020, a task force set up by Prime Minister Shinzo Abe approved a JPY430 billion (USD4.1 billion) package that includes support for small to medium-size businesses hit by the (COVID-19) coronavirus outbreak, subsidies for parents who need to take time off work due to school closures, funding for development of virus vaccines and test kits and for extra production of protective masks; and announced further plans to provide JPY1.6 trillion (USD15 billion) in interest-free, no collateral loans to help such companies manage the crisis.²⁸⁷²

Japan has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Pavel Doronin

Korea: +1

Korea has fully complied with the commitment on improving public health preparedness and response.

On 9 July 2019, the government announced a new regulation on healthcare insurance for foreigners living in the country. From now on, foreign nationals who are planning to stay in Korea for more than six month are obliged to enroll in the state health insurance plan.²⁸⁷³

On 28 January 2020, the government announced the allocation of USD17.7 million (KRW20.8 billion) from the national budget to combat the spread of coronavirus namely KRW6.7 billion set aside for building a quarantine system, KRW5.2 billion for diagnosis and KRW2.9 billion for isolated treatment.²⁸⁷⁴

²⁸⁶⁹ Signing of the Record of Discussions for Technical Cooperation for Iran: Learning from Japan's medical management models to improve Iran's medical services, JICA 28 November 2019. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20191128_41_en.html

²⁸⁷⁰ Signing of Grant Agreement with Palestine: Contributing to the improvement of medical care services and health finance through the provision of medical equipment, JICA 26 February 2020. Access date: 23 March 2019. https://www.jica.go.jp/english/news/press/2019/20200226_41.html

²⁸⁷¹ Coronavirus testing now covered by Japan's national insurance, Japan Times 6 March 2020. Access date: 23 March 2019. <https://www.japantimes.co.jp/news/2020/03/06/national/science-health/covid-19-tests-japan-national-insurance/#.XnkNKeozapp>

²⁸⁷² Japan unveils US\$4bil package to fight Covid-19, The Star 10 March 2020. Access date: 23 March 2019. <https://www.thestar.com.my/news/regional/2020/03/10/japan-unveils-us4bil-package-to-fight-covid-19>

²⁸⁷³ State Health Insurance to Become Mandatory for Foreigners in Korea 6 Months or Longer, KBS World Radio (Seoul) 09 July 2019. Access date: 18 May 2020. http://world.kbs.co.kr/service/news_view.htm?lang=e&Seq_Code=146515

²⁸⁷⁴ S. Korea to spend W20.8b to combat spread of coronavirus, the Korea Herald (Seoul) 28 January 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200128000704&np=57&mp=6>

On 4 March 2020, the government allocated extra USD9.9 billion to fight against the spread of coronavirus, especially its economic consequences.²⁸⁷⁵

On 6 April 2020, the state-run Export-Import Bank of Korea announced its intention to allocate extra funds to support the country's pharmaceutical companies. The money will go to Korean companies devoted to immunotherapy, gene therapy, health care systems, diagnostic kits and medical devices. It will be used to support them in exporting more products, clinching more overseas investment and expanding to foreign markets.²⁸⁷⁶

On 14 May 2020, the government eased the regulations on telemedicine services. New regulations allow doctors to treat coronavirus patients with mild symptoms via video.²⁸⁷⁷

Korea is taking steps aimed at further improvement of public health surveillance system and personal training as well as improvement of institutional architecture in the public health sphere.

Thus, Korea receives a score of +1.

Analyst: Alexander Ignatov

Mexico: 0

Mexico has partially complied with the commitment on improving public health preparedness and response.

On 21 October 2019, Secretary of Health Jorge Alcocer Varela announced the Wellness Doctors program, aimed at increasing health personnel in rural, marginalized, vulnerable and remote areas, for which the call was launched for doctors and general practitioners, specialists and nurses, who wish to participate in the transformation of the community health system.²⁸⁷⁸

On 11 November 2019, the Ministry of Health issued the call to recruit professionals (doctors, nurses, dentists, health promoters) committed and with a high sense of ethics to work in the most marginal regions of the country.²⁸⁷⁹

On 9 January 2020, the Government of Mexico activated a response plan, which includes preventive travel notice, media monitoring, identification of suspected cases in passengers internationals from China. Since January 16, the Institute of Epidemiological Diagnosis and Reference (Indre), established the diagnostic protocols following the guidelines of the World Health Organization

²⁸⁷⁵ S. Korea drafts W11.7tr extra budget plan to fight coronavirus, the Korea Herald (Seoul) 04 March 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200304000276&np=41&mp=5>

²⁸⁷⁶ Eximbank Korea to create health care funds worth W400b, the Korea Herald (Seoul) 06 April 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200406000968&np=24&mp=3>

²⁸⁷⁷ S. Korea to actively consider telemedicine services amid coronavirus pandemic, the Korea Herald (Seoul) 14 May 2020. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20200514000688&np=5&mp=1>

²⁸⁷⁸ 295. En Palacio Nacional, el secretario Alcocer presenta Plan Nacional de Salud e Instituto de Salud para el Bienestar (Insabi), Mexican Government (Mexico City) 21 October 2019. Access date: 20 May 2020. <https://www.gob.mx/salud/prensa/295-en-palacio-nacional-el-secretario-alcocer-presenta-plan-nacional-de-salud-e-instituto-de-salud-para-el-bienestar-insabi>

²⁸⁷⁹ Convocatoria Abierta a Médicos/as Generales, Especialistas y Enfermeros/as para conformar el equipo de Salud del Bienestar, Mexican Government (Mexico City) 11 November 2019. Access date: 20 May 2020. <https://www.gob.mx/salud%7Cseguropopular/articulos/convocatoria-abierta-a-medicos-generales-especialistas-y-enfermeras-para-conformar-el-equipo-de-salud-del-bienestar>

(WHO). The National Liaison Center for International Health Regulations is in continuous communication with WHO and the countries of the affected region.²⁸⁸⁰

On 21 January 2020, an “Epidemiological Notice” was issued to inform the methods for the timely identification of suspicious cases in Mexico and the pertinent preventive measures. submission to the Institute of Epidemiological Diagnosis and Reference (InDRE), as well as its follow-up until the remission of your disease, including its final classification and study of direct contacts.²⁸⁸¹

On 27 January 2020, in Colima, staff from the Health Institute for Wellbeing started the course for Managers of Social Participation in Health and toured hospitals and health centers as part of the coordination to guarantee free medical care and medicines to the population. The activities were led by the head of the National Medical Coordination, Alejandro Ernesto Svarch Pérez, and the Secretary of State Health, Leticia Delgado, along with the representative in Mexico of the Pan American Health Organization Óscar Martínez.²⁸⁸²

On 30 January 2020, the “Standardized Guidelines for Epidemiological Surveillance and by Disease Laboratory by COVID-2019” were published, through which the actions of the National Health System are standardized to identify suspected cases of the new disease, treat them and study them, as well as your contacts. Procedures are also defined for taking biological samples and confirming or ruling out the presence of the new virus, using laboratory techniques. In addition, a chapter for “International Surveillance” is included that describes algorithms and procedures by international health services at air and maritime entry points.²⁸⁸³

On 10 February 2020, the preparation of the “Medical Care Guidelines” for application in general and family medical consultation, general hospitals and high-specialty hospitals, in urban and rural areas, was completed. These guidelines provide each health unit in the country, public or private, with the standardized frame of reference, to provide medical care to suspected or confirmed cases of COVID-2019 disease. Also, they guide the programming of the acquisition of the necessary health supplies in possible scenarios of spread and epidemic intensity.²⁸⁸⁴

On 13 February 2020, Minister Alcocer released recommendations for health personnel on the COVID-19 outbreak where medical personnel can find important information about prevention

²⁸⁸⁰ 015. Acciones de preparación y respuesta ante nuevo coronavirus (2019- nCoV) para la protección de la salud en México, Mexican Government (Mexico City) 22 January 2020. Access date: 20 May 2020.

<https://www.gob.mx/salud/prensa/015-acciones-de-preparacion-y-respuesta-ante-nuevo-coronavirus-2019-ncov-para-la-proteccion-de-la-salud-en-mexico>

²⁸⁸¹ 015. Acciones de preparación y respuesta ante nuevo coronavirus (2019- nCoV) para la protección de la salud en México, Mexican Government (Mexico City) 22 January 2020. Access date: 20 May 2020.

<https://www.gob.mx/salud/prensa/015-acciones-de-preparacion-y-respuesta-ante-nuevo-coronavirus-2019-ncov-para-la-proteccion-de-la-salud-en-mexico>

²⁸⁸² Personal del Instituto de Salud para el Bienestar inició en Colima el curso para Gestores de Participación Social en Salud, Mexican Government (Mexico City) 27 January 2020. Access date: 20 May 2020.

<https://www.gob.mx/insabi/es/articulos/personal-del-instituto-de-salud-para-el-bienestar-inicio-en-colima-el-curso-para-gestores-de-participacion-social-en-salud?idiom=es>

²⁸⁸³ 054. México cuenta con lineamientos para vigilancia epidemiológica, diagnóstico y atención por coronavirus COVID-2019, Mexican Government (Mexico City) 11 February 2020. Access date: 20 May 2020.

<https://www.gob.mx/salud/prensa/mexico-cuenta-con-lineamientos-para-la-vigilancia-epidemiologica-diagnostico-por-laboratorio-y-atencion-medica-de-personas-con-sospecha-o-confirmacion-al-nuevo-coronavirus-covid-2019?idiom=es>

²⁸⁸⁴ 054. México cuenta con lineamientos para vigilancia epidemiológica, diagnóstico y atención por coronavirus COVID-2019, Mexican Government (Mexico City) 11 February 2020. Access date: 20 May 2020.

<https://www.gob.mx/salud/prensa/mexico-cuenta-con-lineamientos-para-la-vigilancia-epidemiologica-diagnostico-por-laboratorio-y-atencion-medica-de-personas-con-sospecha-o-confirmacion-al-nuevo-coronavirus-covid-2019?idiom=es>

measures in health units, as well as relevant documents to carry out health promotion actions, epidemiological surveillance and disease prevention.²⁸⁸⁵

On 27 February 2020, Director General of the Institute of Security and Social Services for State Workers Luis Antonio Ramírez Pineda assured that the first level of care will be strengthened to make it more decisive and promote prevention in patients. The permanent training workshops for first-level doctors and specialists will increase. He also stressed that the problems in surgery will be solved with the purchase and change of equipment; in addition to incorporating resident doctors to the staff of clinics and hospitals.²⁸⁸⁶

Mexico made progress in two priority areas — surveillance systems development and personnel development, but no action on the third area were registered yet.

Thus, it receives a score of 0.

Analyst: Irina Popova

Russia: +1

Russia has fully complied with the commitment to improve public health preparedness and response.

On 2 September 2019, President Vladimir Putin endorsed a list of instructions issued as a follow-up to the meeting on primary healthcare modernization held on 20 August 2019. He instructed the Government of Russia to draft principles for upgrading primary health care; to analyse, jointly with the regional executive authorities, the condition of first-line healthcare, including the assessment of wages in primary care and the degree of wear and tear of the medical equipment, vehicles and buildings of the relevant medical institutions; and to organise the drafting of regional programmes to upgrade primary care in the regions.²⁸⁸⁷

On 2 October 2019, President Putin held a meeting on upgrading primary healthcare. He discussed the principles of upgrading primary healthcare drafted in accordance with his previous instructions, and asked the government to provide the resources for funding regional programmes in this area, and improve the pay system for medical workers.²⁸⁸⁸

On 31 October 2019, Preident Putin chaired an expanded meeting of the State Council Presidium on Russian regions' tasks in healthcare. He highlighted that the regions must adopt their regional programmes of primary healthcare modernization before 1 July 2020. He also asked the Ministry of Healthcare and other governmental departments to provide comprehensive assistance and support to the regions in this regard.²⁸⁸⁹

On 25 December 2019, President Putin chaired a meeting of the Council for Strategic Development and National Projects. He informed that to increase the availability of primary health care in the

²⁸⁸⁵ Recomendaciones Para Personal De Salud, Mexican Government (Mexico City) 22 February 2020. Access date: 20 May 2020. <https://www.gob.mx/salud/documentos/informacion-para-personal-de-salud>

²⁸⁸⁶ Atacar el rezago quirúrgico y capacitar al personal médico, base del nuevo modelo de salud en el ISSSTE: Ramírez Pineda, Mexican Government (Mexico City) 27 February 2020. Access date: 20 May 2020.

<https://www.gob.mx/issste/prensa/atacar-el-rezago-quirurgico-y-capacitar-al-personal-medico-base-del-nuevo-modelo-de-salud-en-el-issste-ramirez-pineda?idiom=es-MX>

²⁸⁸⁷ Instructions following meeting on primary healthcare modernisation, President of Russia 2 September 2019. Access Date: 15 May 2020. <http://en.kremlin.ru/acts/news/61434>.

²⁸⁸⁸ Meeting on upgrading primary healthcare, President of Russia 2 October 2019. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/61706>.

²⁸⁸⁹ Meeting of State Council Presidium on healthcare in Russian regions, President of Russia 31 October 2019. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/61942>.

regions, 432 new medical outpatient clinics would be created in Russia. The regions also purchased 517 mobile medical complexes.²⁸⁹⁰

On 15 April 2020, President Putin instructed the government to simplify the procedure and reduce the time for preclinical and clinical trials and state registration of immunobiological drugs for the prevention of communicable diseases (including vaccines for the prevention of COVID-2019), as well as to introduce the possibility of conducting clinical studies in parallel with preclinical research.²⁸⁹¹

On 17 April 2020, President Putin held a meeting on the construction and repurposing of medical institutions to treat patients with the coronavirus infection in the Russian regions. He informed that over RUB50 billion had been earmarked to support regional healthcare, including over RUB33 billion for reequipping in-patient facilities and fitting out beds for coronavirus patients and another RUB17.7 billion for purchasing modern medical equipment, including lung ventilators and ambulances. In addition, the government allocated over RUB78 billion to finance the process of repurposing regional and federal healthcare facility beds.²⁸⁹²

From 17 April to 15 May 2020, 16 new multifunctional medical centres built by the Defence Ministry to help coronavirus patients were opened across Russia, from Kaliningrad to Kamchatka. They were built in record-breaking time and to a high standard. High-level, skilled medical teams were formed for the new centres as over 2,000 doctors, nurses and other medical staff underwent additional training at the Kirov Military Medical Academy in St Petersburg.²⁸⁹³

On 28 April 2020, President Putin held a videoconference meeting with heads of the Russian regions on countering the spread of COVID-19. He instructed the government, *inter alia*, to build new hospitals and diagnostic centres, to continuously monitor the situation in the country in general, and in every region specifically, and to regularly update its plans with regard to COVID-19, and take additional measures to strengthen the capacities of the healthcare sector.²⁸⁹⁴

Russia has taken actions in all three areas of improving public health preparedness and response.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: +1

Saudi Arabia has fully complied with the commitment on improving public health preparedness and response.

On 30 July 2019, the Ministry of Health launched the Medical Referral Program “Ehalati” in the Holy Sites of the Kingdom. The program is an e-system meant to facilitate the procedures of

²⁸⁹⁰ Meeting of Council for Strategic Development and National Projects, President of Russia 25 December 2019. Access Date: 15 May 2020 <http://en.kremlin.ru/events/president/news/62411>.

²⁸⁹¹ List of instructions on countering the spread of new coronavirus infection (COVID-2019) in the regions of the Russian Federation, President of Russia 15 April 2020. Access Date: 15 May 2020.
<http://kremlin.ru/acts/assignments/orders/63206>.

²⁸⁹² Meeting on construction and repurposing of medical institutions in the regions, President of Russia 17 April 2020. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/63212>.

²⁸⁹³ Opening of Defence Ministry’s medical centres for treating patients with COVID-19, President of Russia 15 May 2020. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/63355>.

²⁸⁹⁴ Meeting with regional heads on countering the spread of the coronavirus, President of Russia 28 April 2020. Access Date: 15 May 2020. <http://en.kremlin.ru/events/president/news/63288>.

referring patients between hospitals of the region or between the health affairs directorates. This referral process is electronically done at the different health levels (primary, secondary, specialized, or reference), based on the medical decision; either due to the lack of medical service or a bed for the patient.²⁸⁹⁵

On 12 September 2019, the Ministry of Health signed a memorandum of understanding with the Projects Support Fund to establish cooperation frameworks between the two sides in areas of joint competence in accordance with their respective roles and in light with the regulations and policies in order to achieve Vision 2030 and improve competitiveness in the municipal sector. The two sides seek to achieve three main objectives, including: expanding the scope of health projects loans, developing targeted strategic stimulus, and developing procedures for a joint action.²⁸⁹⁶

On 30 October 2019, the Ministry of Health organized a workshop on health design challenges. The workshop aims at creation of new and applicable opportunities with clear methodology, identification of problems and generation of ideas that would lead to new innovative solutions.²⁸⁹⁷

On 12–14 November 2019, the Ministry of Health organized an international conference under the title “The Future of Health Facilities Management.” According to the ministry, the conference is an international platform for the exchange of ideas and strategies among thought pioneers, specialists, institutions, companies and government agencies specialized in healthcare provision.²⁸⁹⁸

On 17 November 2019, the Ministry of Health launched an influenza vaccination campaign. The service was launched in 15 cities for the period from 17 to 21 November 2019. The ministry aims to cover the largest possible number of service seekers, expecting that the elderly will benefit most from the service.²⁸⁹⁹

On 10–13 December 2019, the Ministry of Health organized an international conference for mass gatherings medicine. The conference attracted more than 100 participants from 30 countries. The experts discussed the latest developments in the field.²⁹⁰⁰

On 07 January 2020, the Ministry of Health launched an e-platform for health awareness “Live Well.” The ministry aims to make this account the main reference for reliable health information.

²⁸⁹⁵ MOH: «Ehalati» Program Launched at Hospitals of the Holy Sites, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 30 July 2019. Access date: 30 March 2020.
<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/news-2019-07-30-003.aspx>

²⁸⁹⁶ MOH Signs MOU with Projects Support Fund. Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 12 September 2019. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2019-09-12-001.aspx>

²⁸⁹⁷ MOH Organizes a Workshop on Health Design Challenge, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 30 October 2019. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2019-10-30-005.aspx>

²⁸⁹⁸ 3rd International Conference of Saudi Society for Health Administration to be Launched Next Tuesday, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 10 November 2019. Access date: 30 March 2020.
<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2019-11-10-002.aspx>

²⁸⁹⁹ MOH Launches Flu Vaccination Service at Homes, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 17 November 2019. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2019-11-17-001.aspx>

²⁹⁰⁰ 100 Experts from 30 Countries Participate in 4th International Conference for Mass Gatherings Medicine, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 04 December 2019. Access date: 30 March 2020.
<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2019-12-04-005.aspx>

The “Live Well” page will provide basic and various health information about the health of all strata of society, from childhood to old age.²⁹⁰¹

On 13 February 2020, the Ministry of Health represented by the Community Participation Program, organized the first Forum of Emerging Health Associations. The forum comes in line with the role of the Community Participation Program to empower the national health associations for integration with the Ministry of Health and meeting community health requirements.²⁹⁰²

On 3 March 2020, the Ministry of Health posted on its Twitter account an infographic explaining how to wash hands appropriately. This comes as part of the ministry’s health-awareness efforts meant to control COVID-19, and a continuation of the series of educational materials it posts on the various media platforms.²⁹⁰³

On 04 March 2020, the Ministry of Health tightened the restrictive measures at land ports amid growing number of confirmed cases of the novel coronavirus. These measures include screening all incoming passengers for symptoms of COVID-19-related diseases and mandatory disclosure of previously visited countries.²⁹⁰⁴

On 05 March 2020, the National Center for Disease Prevention and Control (Weqaya) posted on its official social media accounts a series of preventive guidelines meant to combat the spread of COVID-19. They include the steps to follow when during travels, at public places, mosques, workplaces, and at home.²⁹⁰⁵

On 12 March 2020, the Ministry of Health introduced a new tool for assessment of health risks in gatherings and public places.²⁹⁰⁶

On 17 March 2020, the Ministry of Health issued awareness guidelines on necessary precautionary measures for protection against the novel coronavirus in six languages besides Arabic.²⁹⁰⁷

On 18 March 2020, the Ministry of Health published awareness tips highlighting the proper ways of home quarantine and other precautionary measures using its Twitter account.²⁹⁰⁸

²⁹⁰¹ MOH Launches e-Platform for Health Awareness "Live Well", Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 07 January 2020. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-01-07-004.aspx>

²⁹⁰² MOH Organizes First Emerging Health Association Forum6 Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 13 February 2020. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-02-13-001.aspx>

²⁹⁰³ MOH's Guidelines for Sound Handwashing. Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 03 March 2020. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-03-005.aspx>

²⁹⁰⁴ MOH: Preventive Surveillance Measures Tightened at Land Ports. Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 04 March 2020. Access date: 30 March 2020.

<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-04-001.aspx>

²⁹⁰⁵ ‘Weqaya’ Center Releases Preventive Guidelines to Combat Novel Coronavirus, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 05 March 2020. Access date: 30 March 2020.

<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-05-006.aspx>

²⁹⁰⁶ Global Center for Mass Gathering Medicine Deploys ‘Salem Tool’ in COVID-19 Fight, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 12 March 2020. Access date: 30 March 2020.

<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-12-001.aspx>

²⁹⁰⁷ MOH Issues COVID-19 Awareness Guidelines in Many Languages, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 17 March 2020. Access date: 30 March 2020

<https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-17-001.aspx>

On 11 April 2020, the Ministry of Health launched a new application to curb the spread of COVID-19. The Tatman App is aimed at providing protection and healthcare to citizens and residents who are self-isolating or in quarantine. The app provides many services including, examination results, updating data of those who were in contact with confirmed cases, daily follow-up of the health status and epidemiological investigation.²⁹⁰⁹

Saudi Arabia is taking steps aimed at further improvement of public health surveillance system and personal training as well as improvement of institutional architecture in the public health sphere.

Thus, Saudi Arabia receives a score of +1.

Analyst: Alexander Ignatov

South Africa: 0

South Africa has partially complied with the commitment on improving public health preparedness and response.

On 23 January 2020, the National Institute for Communicable Diseases developed clinical guidelines on the novel coronavirus for medical practitioners in South Africa. The guide contains basic information concerning the common signs of infection and possible ways of transmission of the virus.²⁹¹⁰

South Africa is taking steps aimed at personal training, but no facts proving that South Africa is working on improvement of other aspects of public health have been found.

Thus, South Africa receives a score of 0.

Analyst: Alexander Ignatov

Turkey: +1

Turkey has fully complied with the commitment on improving public health preparedness and response.

On 24-25 June 2019, Turkey's fourth National Field Epidemiology Conference was held in Ankara; the conference was attended by representatives of World Health Organization, Training Program in Epidemiology and Public Health Network, European Centre for Disease Prevention and Control and other relevant organizations, to share recent developments to improve qualifications and skills of the healthcare professionals about the field epidemiology.²⁹¹¹

On 2 July 2019, Turkey's HIV/AIDS Control Program 2019-2024 aimed to create a road map to alleviating risk factors and preventing the spread of HIV/AIDS was launched; Turkey's HIV/AIDS Diagnosis and Treatment Guide 2019 was presented by Deputy Minister of Health Emine Alp Meşe, who also announced that all Turkey's citizens diagnosed with HIV are granted access to disease

²⁹⁰⁸ MOH Outlines Procedures for Self-Isolation, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 18 March 2020. Access date: 30 March 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-03-18-004.aspx>

²⁹⁰⁹ MOH Launches New App (Tatman) to Prevent COVID-19, Ministry of Health, Kingdom of Saudi Arabia (Riyadh) 11 April 2020. Access date: 15 May 2020. <https://www.moh.gov.sa/en/Ministry/MediaCenter/News/Pages/News-2020-04-11-004.aspx>

²⁹¹⁰ NICD has measures in place to detect coronavirus in SA, Eyewitness News 23 January 2020. Access date: 25 March 2020. <https://ewn.co.za/2020/01/23/nicd-has-measures-in-place-to-detect-coronavirus-in-sa>

²⁹¹¹ 4th National Field Epidemiology Conference in Ankara, Turkey's Ministry of Health, 25 June 2019. Access date: 21 March 2020. <https://www.saglik.gov.tr/EN,55772/4th-national-field-epidemiology-conference-in-ankara.html>

examination and innovative treatment services free of charge within the scope of general health insurance.²⁹¹²

On 4 August 2019, President Recep Tayyip Erdogan opened a city hospital complex in the province of Bursa with a capacity of 1355 beds and equipped with latest technology medical equipment, which became the 10th city hospital opened within large-scale government program of upgrading the country's medical infrastructure; the Bursa hospital investment through public-private partnership totaled USD542 billion and will benefit six million patients of the region.²⁹¹³

On 2 October 2019, it was reported that Advisory Board for Hospital Infections Prevention and Control bringing together infectious diseases and clinical microbiology, medical microbiology and intensive care specialists, pediatricians and infection control nurses was created to prevent health-related infections.²⁹¹⁴

On 20 December 2019, the Ministry of Health published its Strategic Plan for the 2019-2023 period; the plan sets out the aims and purposes of the strategy in order to achieve the goals determined for the healthcare sector until 2023, specifies key performance indicators, details the preparation process, and provides an analysis of the current state of the country's healthcare.²⁹¹⁵ The two main goals of the plan are (1) ensuring and improving public health, and (2) ensuring equal public access to quality medical and healthcare services; the goals are intended to be achieved through:²⁹¹⁶

- Promoting and popularizing healthy living,
- Strengthening of primary healthcare services and increasing their efficiency within the healthcare system,
- Ensuring the accessibility, efficiency and quality of healthcare services,
- Implementing an integrated healthcare services model,
- Enhancing customer and healthcare personnel satisfaction and sustainability, and
- Contributing to the socio-economic development of Turkey and to global health, as well as improving national technology and domestic production in medical sectors.

²⁹¹² Road Map to Fight with HIV/AIDS for 2019-2024, Turkey's Ministry of Health, 2 July 2019. Access date: 21 March 2020. <https://www.saglik.gov.tr/EN,56113/road-map-to-fight-with-hivaids-for-2019-2024.html>

²⁹¹³ Erdogan opens Turkey's 10th city hospital complex, Anadolu Agency 4 August 2019. Access date: 21 March 2020. <https://www.aa.com.tr/en/turkey/erdogan-opens-turkeys-10th-city-hospital-complex/1549509>

²⁹¹⁴ Advisory Board for Hospital Infections Prevention and Control, Turkey's Ministry of Health, 2 October 2019. Access date: 21 March 2020. <https://www.saglik.gov.tr/EN,57610/advisory-board-for-hospital-infections-prevention-and-control.html>

²⁹¹⁵ Turkey: The Ministry Of Health Publishes Its Strategic Plan For 2019-2023, Mondaq 9 March 2020. Access date: 21 March 2020. <https://www.mondaq.com/turkey/Food-Drugs-Healthcare-Life-Sciences/901634/The-Ministry-Of-Health-Publishes-Its-Strategic-Plan-For-2019-2023>

²⁹¹⁶ Turkey: The Ministry Of Health Publishes Its Strategic Plan For 2019-2023, Mondaq 9 March 2020. Access date: 21 March 2020. <https://www.mondaq.com/turkey/Food-Drugs-Healthcare-Life-Sciences/901634/The-Ministry-Of-Health-Publishes-Its-Strategic-Plan-For-2019-2023>

On 16 October 2019, it was reported that Turkish Cooperation and Coordination Agency organized a training program in Turkey for Moldovan health professionals in the fields of general surgery, cardiology, neurology, and radiology.²⁹¹⁷

On 12 November 2019, Health Minister Fahrettin Koca and Kazakhstan's Minister of Health Yelzhan Birtanov signed a memorandum of understanding on health investments, under which Kazakhstan plans to construct nine hospitals through public-private partnership scheme operated by Turkey's USHAŞ International Health Services Inc.²⁹¹⁸

On 25 December 2019, the Health Sciences University Ibn-i Sina Faculty and Vocational School opened in Bukhara under coordination of Turkey. It enables further transfer to Uzbekistan of the modern medical training and allied healthcare services model successfully implemented in Turkey.²⁹¹⁹

On 15 January 2020, an oncology rehabilitation center in the National Cancer Center of the Ministry of Health of Mongolia, built with support of Turkish Cooperation and Coordination Agency, was inaugurated. It will serve an average of 16,000 patients each year in order to raise public awareness about cancer, provide accurate information to patients, and reduce psychological breakdowns during cancer treatment.²⁹²⁰

Turkey has taken actions in all three areas of improving public health preparedness and response.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment to improve public health preparedness and response..

On 18 December 2019, the Department of Health and Social Care announced that nursing students will benefit from guaranteed, additional support of at least GBP5,000 a year to help with living costs. The funding will be given to all new and continuing degree-level nursing, midwifery and many allied health students from September 2020. It is expected to benefit more than 35,000 students every year.²⁹²¹

On 26 February 2020, a new surveillance system to detect cases of COVID-19 in England was been established by Public Health England (PHE) and the National Health Service (NHS) to strengthen existing systems and to prepare for and prevent wider transmission of the virus. Samples will be tested from patients with severe respiratory infections who do not meet the current case definition for COVID-19. Depending on the results, patients will be given the support they need and rapid public health actions will be taken. A programme of testing with a network of around 100 primary

²⁹¹⁷ Training for the Healthcare Professionals of the Aziz Sancar Diagnostic and Treatment Center, TIKA 16 October 2019. Access date: 21 March 2020. https://www.tika.gov.tr/en/news/training_for_the_healthcare_professionals_of_the_aziz_sancar_diagnostic_and_treatment_center-53810

²⁹¹⁸ Memorandum of Understanding between Turkey and Kazakhstan in the field of Health Investments, Turkey's Ministry of Health, 12 November 2019. Access date: 21 March 2020. <https://www.saglik.gov.tr/EN,58502/memorandum-of-understanding-between-turkey-and-kazakhstan-in-the-field-of-health-investments.html>

²⁹¹⁹ Turkey provides training for Uzbek Physicians, Turkey's Ministry of Health, 25 December 2019. Access date: 21 March 2020. <https://www.saglik.gov.tr/EN,61781/turkey-provides-training-for-uzbek-physicians.html>

²⁹²⁰ TIKA Built an Oncology Rehabilitation Center in Mongolia, TIKA 15 January 2020. Access date: 21 March 2020. https://www.tika.gov.tr/en/news/tika_built_an_oncology_rehabilitation_center_in_mongolia-55327

²⁹²¹ Nursing students to receive £5,000 payment a year, UK Government 18 December 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/nursing-students-to-receive-5-000-payment-a-year>.

care sites across England will also complement the detection system in hospitals, so that both mild and more unwell cases can be found.²⁹²²

On 23 March 2020, the UK government and the UK's Chief Scientific Adviser backed the UK's leading clinicians and scientists to map how COVID-19 spreads and behaves by using whole genome sequencing. Through a GBP20 million investment, the consortium will look for breakthroughs that help the UK respond to this and future pandemics.²⁹²³

On 23 March 2020, PHE informed on continuation of the Field Epidemiology Training Programme. This two-year program is aimed at medical, nursing, scientific, or veterinary staff who are, or whose future career may be, in a post involving field investigation and epidemiology and who want to further enhance their specialist skills. The program provides training and experience to develop the competencies agreed for field epidemiologists in the European Union.²⁹²⁴

On 26 March 2020, Parliament adopted the Coronavirus Act 2020.²⁹²⁵ The act allows recently retired NHS staff and social workers to return to work without any negative repercussions to their pensions. NHS staff are also covered by a state-backed insurance scheme to ensure they can care for patients if, for example, they are moving outside their day-to-day duties while making use of their skills and training. Paperwork and administrative requirements are reduced to help doctors discharge patients more quickly when clinically appropriate, to free up hospital space for those who are very ill and enable clinicians to focus on delivering care. Volunteers will have extra employment safeguards, allowing them to pause their main jobs for up to four weeks while they help care for patients in the health and care system, and will receive a flat rate of compensation to mitigate lost earnings and expenses. This could benefit more than 3 million people who already volunteer in health and care settings and bolster the NHS's capacity to respond to the virus.²⁹²⁶

On 3 April 2020, the Department of Health and Social Care announced that it recruited almost 1,000 patients from 132 different hospitals in 15 days and found thousands more who are expected to join the Randomised Evaluation of COVID-19 Therapy (RECOVERY) trial in the coming weeks, making it the largest randomised controlled trial of potential COVID-19 treatments in the world.²⁹²⁷

On 4 April 2020, the Department of Health and Social Care published the government's COVID-19 testing strategy that lays out how the UK intends to scale up testing programs to deliver on the ambition that anyone who needs a test should have one.²⁹²⁸

The UK has taken actions in all three areas of improving public health preparedness and response.

²⁹²² New surveillance system for early detection of COVID-19, UK Government 26 February 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/new-surveillance-system-for-early-detection-of-covid-19>.

²⁹²³ UK launches whole genome sequence alliance to map spread of coronavirus, UK Government 23 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/uk-launches-whole-genome-sequence-alliance-to-map-spread-of-coronavirus>.

²⁹²⁴ Field Epidemiology Training Programme (FETP), UK Government 23 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/guidance/field-epidemiology-training-programme-fetp#history>.

²⁹²⁵ Coronavirus Act 2020, UK Legislation. Access Date: 3 April 2020.

<http://www.legislation.gov.uk/ukpga/2020/7/contents/enacted/data.htm>

²⁹²⁶ Emergency bill to strengthen coronavirus (COVID-19) response plans, UK Government 17 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/emergency-bill-to-strengthen-coronavirus-covid-19-response-plans>.

²⁹²⁷ World's largest trial of potential coronavirus treatments rolled out across the UK, UK Government 3 April 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/worlds-largest-trial-of-potential-coronavirus-treatments-rolled-out-across-the-uk>.

²⁹²⁸ Coronavirus (COVID-19): scaling up testing programmes, UK Government 4 April 2020. Access Date: 15 May 2020. <https://www.gov.uk/government/publications/coronavirus-covid-19-scaling-up-testing-programmes>.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

United States: +1

The United States has fully complied with the commitment to improve public health preparedness and response.

On 18 July 2019, the Department of Health and Human Services awarded around USD20 million through the Health Resources and Services Administration to recipients across 21 states for the purposes of supporting the training of healthcare providers in rural areas. The program is a part of multi-year initiative to expand the physician workforce in rural areas by developing new, sustainable residency programs in family medicine, internal medicine and psychiatry.²⁹²⁹

On 8 August 2019, the Department of Health and Human Services announced the investment of around USD400 million to combat the opioid crisis, enabling the funded community health centers, rural organizations and academic institutions to establish and expand access to integrated substance use disorder and mental health services. USD200 million were awarded to 1,208 health centres across the nation to increase access to high quality, integrated behavioral health services, including the prevention or treatment of mental health conditions and/or substance use disorders.²⁹³⁰

On 4 September 2019, the Department of Health and Human Services announced the allocation of more than USD1.8 billion to states to fight the opioid crisis. The funding was directed at expanding access to treatment and improving monitoring capacities to track data on the drug overdose across the country.²⁹³¹

On 12 September 2019, the Department of Health and Human Services announced the allocation of USD351 million to “56 states, territories and nonprofit organizations through its Maternal, Infant, and Early Childhood Home Visiting Program and approximately USD23 million in funding to three new programs aimed at improving maternal health outcomes.” The program, *inter alia*, included USD2.6 million in funding to Supporting Maternal Health Innovation Program, designed to provide capacity building assistance to maternal health grantees and other stakeholders.²⁹³²

On 25 October 2019, the Department of Health and Human Services announced the allocation of USD2.27 billion in grants to cities, counties, states, and local community-based organizations, supporting a comprehensive system of HIV primary medical care, medication, and essential support services. Approximately USD628.3 million was awarded to 52 metropolitan areas to provide core medical and support services for people with HIV. USD1.3 billion was awarded to 59 states and

²⁹²⁹ HHS awards \$20 million to 27 organizations to increase the rural workforce through the creation of new rural residency programs, U.S. Department of Health and Human Services (Washington) 18 July 2019. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2019/07/18/hhs-awards-20-million-to-27-organizations-to-increase-rural-workforce.html>.

²⁹³⁰ HHS Awards Nearly \$400 Million to Combat the Opioid Crisis, U.S. Department of Health and Human Services (Washington) 8 August 2019. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2019/08/08/hhs-awards-nearly-400-million-to-combat-opioid-crisis.html>.

²⁹³¹ Trump Administration Announces \$1.8 Billion in Funding to States to Continue Combating Opioid Crisis, U.S. Department of Health and Human Services (Washington) 4 September 2019. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2019/09/04/trump-administration-announces-1-8-billion-funding-states-combating-opioid.html>.

²⁹³² HHS Awards \$374 Million to Programs Supporting Maternal and Child Health, U.S. Department of Health and Human Services (Washington) 12 September 2019. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2019/09/12/hhs-awards-374-million-programs-supporting-maternal-child-health.html>.

territories to improve the quality, availability and organization of HIV health care and support services and for the AIDS Drug Assistance Program. USD181.8 million was awarded across the country to 349 local, community-based organizations to provide core medical and support services to people with HIV. Additionally, 76 organizations were awarded approximately USD10.2 million in Capacity Development grants.²⁹³³

On 15 January 2020, the Department of Health and Human Services released the draft 2020-2025 Federal Health IT [Information Technology] Strategic Plan for public comment. The plan aims to enable individuals to access their electronic health information, manage their health and choose appropriate medical institution in case of need.²⁹³⁴

On 27 March 2020, the United States President Donald Trump signed the Coronavirus Aid, Relief and Economic Security Act (CARES Act).²⁹³⁵ On 8 April 2020, the United States Department of Health and Human Services announced the allocation of USD1.9 billion in response to COVID-19 outbreak under the act. The money was allocated to 1,387 health centres across the country. According to the Department of Health and Human Services communication, the funding would support “health centers’ ability to detect, prevent, diagnose, and treat COVID-19” as well as maintain or increase health center capacity and staff.²⁹³⁶

The United States has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment to improve public health preparedness and response.

On 19 September 2019, the European Commission published the outcome, in the format of a Staff Working Document, of an evaluation of the fee system of the European Medicines Agency. The outcome of the evaluation indicates that the current fee system of the agency is generally efficient and effective. However, the acquired experience indicates that it may need to be revised in order to

²⁹³³ HHS Awards \$2.27 Billion in Grants to Help Americans Access HIV/AIDS Care, Support Services, and Medication, U.S. Department of Health and Human Services (Washington) 25 October 2019. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2019/10/25/hhs-awards-2-billion-grants-help-americans-access-hiv-care-services-medications.html>.

²⁹³⁴ Draft Federal Health IT Strategic Plan Supports Patient Access to Their Own Health Information, U.S. Department of Health and Human Services (Washington) 15 January 2020. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2020/01/15/draft-federal-health-it-strategic-plan-supports-patient-access-health-information.html>.

²⁹³⁵ S.3548 — CARES Act, United States Congress (Washington) 21 March 2020. Access Date: 15 May 2020. <https://www.congress.gov/bill/116th-congress/senate-bill/3548/text?q=product+actualización#toc-id3F19D297D8814FCF8D45C70177412DED>.

²⁹³⁶ HHS Awards \$1.3 Billion to Health Centers in Historic U.S. Response to COVID-19, U.S. Department of Health and Human Services (Washington) 8 April 2020. Access Date: 15 May 2020. <https://www.hhs.gov/about/news/2020/04/08/hhs-awards-billion-to-health-centers-in-historic-covid19-response.html>.

be more flexible to adapt to future developments, including the implementation of the new Veterinary legislation, and also to be more sustainable in the long term.²⁹³⁷

On 23 January 2020, the Steering Group on Health Promotion, Disease Prevention and Management of Non-Communicable Diseases held its formal meeting in Brussels. The meeting gathered the representatives of Member States, the European Investment Bank and several European Commission services to discuss a wide range of public health policies and initiatives. The Steering Group will have a key role in the strategic planning for the health strand of the European Social Fund Plus (ESF+) and the health actions of Horizon Europe.²⁹³⁸

On 12 February 2020, the European Commission published its fourth progress report on the implementation of the European One Health Action Plan against Antimicrobial Resistance (AMR), which was adopted in June 2017. Substantial progress has been made since the last progress report published mid-2019). This includes meetings of the AMR One Health Network and of the Health Security Committee to enhance cooperation and coordination on AMR and One Health visits to member states to support the implementation of national One Health action plans. Other milestones include the publication of two overview reports respectively on measures to tackle AMR through the prudent use of antimicrobials in animals and on a series of audits carried out in 2017 and 2018 in order to evaluate the monitoring and reporting of AMR in zoonotic and commensal bacteria in certain food-producing animal populations and food.²⁹³⁹

On 19 March 2020, European Commission decided to create a strategic rescEU stockpile of medical equipment such as ventilators and protective masks to help EU countries in the context of the COVID-19 pandemic.²⁹⁴⁰

On 24 March 2020, the European Commission launched the “COVID-19 Clinical Management Support System” with the aim to support clinicians in hospitals that are currently facing the coronavirus emergency all over Europe.²⁹⁴¹

On 3 April 2020, the European Commission issued practical guidance to member states to encourage and facilitate cross-border treatment of patients and deployment of medical staff. Cooperation across borders can help ease the pressure on overburdened hospitals by transferring patients suffering from coronavirus for treatment in members where hospital places are available. The European

²⁹³⁷ Medicines: Staff Working Document on the evaluation of the fee system of the European Medicines Agency (EMA) and publication for feedback of an Inception Impact Assessment, European Commission (Brussels) 19 September 2019. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=17477&page=1&fullDate=Thu%2019%20Sep%202019&lang=default

²⁹³⁸ The Steering Group on Health Promotion, Disease Prevention and Management of Non-Communicable Diseases holds its Formal Meeting, European Commission (Brussels) 23 January 2020. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=19493&page=1&fullDate=Thu%2023%20Jan%202020&lang=default

²⁹³⁹ AMR: Commission publishes its progress report on Action Plan, European Commission (Brussels) 12 February 2020. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=19887&page=1&fullDate=Wed%2002%20Dec%202020&lang=default

²⁹⁴⁰ COVID-19: Commission creates first ever rescEU stockpile of medical equipment, European Commission (Brussels) 19 March 2020. Access date: 18 May 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_20_476

²⁹⁴¹ Commission launches “COVID-19 Clinical Management Support System”, European Commission (Brussels) 24 March 2020. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=21060&page=1&fullDate=Fri%2027%20Mar%202020&lang=default

Commission will also support members or non-governmental organizations to send qualified teams of medical personnel to offer assistance across borders.²⁹⁴²

On 10 April 2020, the European Commission, the European Medicines Agency and the European medicines regulatory network have developed a document to provide guidance to stakeholders on adaptations to the regulatory framework to address challenges arising from the COVID-19 pandemic, with a particular focus on crucial medicines for use in COVID-19 patients. The document explains some regulatory flexibilities that can be applied to help pharmaceutical companies cope with the consequences of the pandemic, while ensuring a high level of quality, safety and efficacy for medicinal products made available to patients in the EU.²⁹⁴³

On 13 May 2020, EU member states, with the support of the European Commission, adopted interoperability guidelines for approved contact tracing mobile applications in the EU. This is the first follow-up action envisaged by the toolbox for the use of mobile apps to support contact tracing in response to the coronavirus pandemic presented on 16 April 2020. The guidelines will be complemented by interoperability specifications for cross-border transmission chains between approved apps. This will be supported by structured discussions between members through the eHealth Network. The work of member states to develop and validate the apps will be supported by the New Generation Internet and m-health communities.²⁹⁴⁴

European Union has taken steps to promote public health preparedness and response across all three areas outlined by the World Health Organization.

Thus, it is awarded a score of +1 for full compliance.

Analyst: Irina Popova

²⁹⁴² Coronavirus: Commission encourages and facilitates cross-border treatment of patients and deployment of medical staff, European Commission (Brussels) 3 April 2020. Access date: 18 May 2020.
https://ec.europa.eu/commission/presscorner/detail/en/ip_20_590

²⁹⁴³ Covid-19: Guidance on more regulatory flexibility for medicines, European Commission (Brussels) 10 April 2020. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=21312&page=1&fullDate=Sun%2004%20Oct%202020&lang=default

²⁹⁴⁴ Member States presented interoperability guidelines for approved contact tracing apps in the EU, European Commission (Brussels) 13 May 2020. Access date: 18 May 2020. https://ec.europa.eu/newsroom/sante/newsletter-specific-archive-issue.cfm?archtype=specific&newsletter_service_id=327&newsletter_issue_id=22243&page=1&fullDate=Wed%2013%20May%202020&lang=default

17. Environment: Marine Plastic Litter and Microplastics

“In this regard, we are determined to swiftly take appropriate national actions for the prevention and significant reduction of discharges of plastic litter and microplastics to the oceans.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina	-1		
Australia			+1
Brazil	-1		
Canada	-1		
China		0	
France		0	
Germany			+1
India	-1		
Indonesia	-1		
Italy	-1		
Japan		0	
Korea			+1
Mexico		0	
Russia	-1		
Saudi Arabia	-1		
South Africa		0	
Turkey		0	
United Kingdom	-1		
United States	-1		
European Union			+1
Average	-0.30 (35%)		

Background

Preliminary studies have identified traces of microplastics in the air,²⁹⁴⁵ water,²⁹⁴⁶ and food²⁹⁴⁷ consumed by humans. This has raised concerns regarding the effects of microplastics on human health and brought into question the resiliency of marine life to withstand waters polluted by plastic litter and microplastics.²⁹⁴⁸ The G20 first addressed protecting the global marine environment at the

²⁹⁴⁵ Microplastics are Raining Down from the Sky, National Geographic (Washington) 15 April 2019. Access date: 13 December, 2019. <https://www.nationalgeographic.com/environment/2019/04/microplastics-pollution-falls-from-air-even-mountains/>

²⁹⁴⁶ A Global Inventory of Small Floating Plastic Debris, Environmental Research Letters, Bristol) 8 December 2015. Access date: 13 December 2019. <https://iopscience.iop.org/article/10.1088/1748-9326/10/12/124006/pdf>

²⁹⁴⁷ Environmental and Health Risks of Microplastic Pollution, Publications Office of the European Union (Brussels) 23 August 2019. Access date: 13 December 2019. <https://op.europa.eu/en/publication-detail/-/publication/f235d1e3-7c4d-11e9-9f05-01aa75ed71a1/language-en/format-PDF/source-108645429>

²⁹⁴⁸ We Know Plastic is Harming Marine Life: What About Us? National Geographic (Washington) June 2018. Access date: 13 December 2019. <https://www.nationalgeographic.com/magazine/2018/06/plastic-planet-health-pollution-waste-microplastics/>.

2011 Cannes Summit, with a renewed commitment at the 2017 Hamburg Summit to protect the marine environment by reducing and limiting the effects of plastics and microplastics.^{2949,2950}

At the 2011 Cannes Summit, the issue of marine environment, and in particular marine environment protection, was included as a distinct commitment area for the first time.²⁹⁵¹ G20 members committed to preventing marine accidents as well as offshore oil and gas exploration and development accidents.²⁹⁵² They also called upon the Global Marine Environment Protection working group to report on progress made in the following year pertaining to this issue area and committed to discussing the issue of marine environment further with international organizations and other stakeholders.²⁹⁵³

At the 2017 Hamburg Summit, the issue of waste reduction and littering was discussed and the G20 members committed to “promote public information campaigns for citizens and businesses to reduce waste generation, to re-use and to facilitate their participation in waste collection systems and to avoid littering.”²⁹⁵⁴ This summit emphasized the importance of public information campaigns as a means of instilling public environmental awareness and altering the daily habits of citizens. The G20 also established an action plan on marine litter in order to “prevent and reduce marine litter of all kinds, including from single-use plastics and micro-plastics,” so as to meet the Sustainable Development Goals regarding marine pollution, waste management, waste water treatment, and sustainable consumption and production.²⁹⁵⁵

At the 2019 Osaka Summit, the Japanese presidency signalled a strong commitment towards environmental protection, energy growth and sustainable production. Prime Minister Shinzo Abe said that “As the presidency, we will exert strong leadership in discussions aimed towards resolving global issues such as climate change and ocean plastic waste.”²⁹⁵⁶ The commitment made by the G20 leaders to prevent and reduce marine litter highlighted the negative impact of marine pollution on aquatic life and signalled an evolving global understanding of collective environmental protection and sustainable production and consumption.

²⁹⁴⁹ Cannes Summit Final Declaration — Building Our Common Future: Renewed Collective Action for the Benefit of All, G20 Information Centre (Toronto) 4 November 2011. Access date: 19 November 2019.

<http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

²⁹⁵⁰ G20 Leaders' Declaration: Shaping an Interconnected World (Hamburg). G20 Information Centre (Toronto). Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

²⁹⁵¹ Cannes Summit Final Declaration — Building Our Common Future: Renewed Collective Action for the Benefit of All, G20 Information Centre (Toronto) 4 November 2011. Access date: 19 November 2019.

<http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

²⁹⁵² Cannes Summit Final Declaration — Building Our Common Future: Renewed Collective Action for the Benefit of All, G20 Information Centre (Toronto) 4 November 2011. Access date: 19 November 2019.

<http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

²⁹⁵³ Cannes Summit Final Declaration — Building Our Common Future: Renewed Collective Action for the Benefit of All, G20 Information Centre (Toronto) 4 November 2011. Access date: 19 November 2019.

<http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

²⁹⁵⁴ G20 Leaders' Declaration: Shaping an Interconnected World (Hamburg). G20 Information Centre (Toronto). Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

²⁹⁵⁵ G20 Action Plan on Marine Litter (Hamburg), G20 Information Centre (Toronto) 8 July 2017. Access date: 19 November 2019. <http://www.g20.utoronto.ca/2017/2017-g20-marine-litter.html>

²⁹⁵⁶ G20 Japan 2019, Message from Prime Minister Shinzo Abe, Government of Japan (Tokyo) 2019. Access date: 10 December 2019. <https://www.japan.go.jp/g20japan/message.html>

Commitment Features

The World Health Organization (WHO) defines microplastics as “plastic particles < 5 mm in length.”²⁹⁵⁷ According to WHO, “microplastics encompass a wide range of materials composed of different substances, with different densities, chemical compositions, shapes and sizes.”²⁹⁵⁸ Materials and products that can be defined as plastic litter include plastic bags, single-use beverage cups, plastic water bottles, plastic cosmetic packaging and microbeads etc.

G20 members identified the need to prevent and significantly reduce discharges of plastic in the oceans. The word “prevent” means to “keep from happening or existing.”²⁹⁵⁹ “Reduce” is understood as “to diminish in size, amount, extent, or number.”²⁹⁶⁰ The word “discharges” is defined as “something that discharges or releases.”²⁹⁶¹ Thus, G20 members are required to take action that puts a stop to plastic litter and microplastics from being released into the ocean, and also to lessen the current amount of plastic litter in the oceans. Since the commitment specifies a “significant” reduction, G20 members must take actions that result in statistically significant change.²⁹⁶² Actions that would result in minimal or statistically insignificant change do not count towards compliance.

Actions that count towards compliance refer to “national actions” that are understood as government initiatives undertaken at the federal or national level of G20 members, as opposed to initiatives originating and occurring primarily at a regional or international level. Examples of national actions that count toward compliance include passing measures to reduce or restrict single-use plastics or microbeads nationally, engaging the private sector to reduce its output of plastic litter, enhancing methods of waste management, expanding upon national recycling programs, improving water filtration and wastewater treatment systems so as to reduce or remove microplastic fibres in drinking water and enacting a national ban on plastic packaging or single-use plastics. Actions that do not count towards compliance include verbal declarations of support towards the implementation of prevention and/or reduction strategies, ocean clean-ups and environmental awareness campaigns unless said actions are implemented with the support of a measurable outcome that would result in statistically significant change.

To achieve full compliance, G20 members must take national action to prevent and significantly reduce the discharge of both marine plastic litter and microplastics to the oceans. Actions that address discharge of either marine plastic litter or microplastics, but not both, yield partial compliance. Actions that do not result in statistically significant reduction and prevention of both marine plastic litter and microplastics will be given a score of no compliance. Furthermore, actions that are broadly-based, such as verbal declarations of support, and actions that are isolated measures without a statistically significant outcome, such as ocean cleanups, do not count towards compliance.

²⁹⁵⁷ Information Sheet: Microplastics in Drinking-Water, World Health Organization (Geneva) 2019. Access date: 19 November 2019. https://www.who.int/water_sanitation_health/water-quality/guidelines/microplastics-in-dw-information-sheet/en/

²⁹⁵⁸ Information Sheet: Microplastics in Drinking-Water, World Health Organization (Geneva) 2019. Access date: 19 November 2019. https://www.who.int/water_sanitation_health/water-quality/guidelines/microplastics-in-dw-information-sheet/en/

²⁹⁵⁹ Prevent, Merriam-Webster 2019. Access Date: 15 December 2019. <https://www.merriam-webster.com/dictionary/prevent>

²⁹⁶⁰ Reduce, Merriam-Webster 2019. Access Date: 15 December 2019. <https://www.merriam-webster.com/dictionary/reduce>

²⁹⁶¹ Discharge, Merriam-Webster 2020. Access Date: 19 April 2019. <https://www.merriam-webster.com/dictionary/discharge>

²⁹⁶² Compliance Coding Manual for International Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 21 April 2020

Scoring Guidelines

-1	Member fails to take national action to prevent and significantly reduce the discharge of marine plastic litter OR microplastics to the oceans.
0	Members takes national action to prevent and significantly reduce the discharge of marine plastic litter OR microplastics to the oceans.
+1	Member takes national action to prevent and significantly reduce the discharge of marine plastic litter AND microplastics to the oceans.

*Compliance Director: Alyssa Atef
Lead Analyst: Gabriella Zhao*

Argentina: -1

Argentina has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Argentina has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁹⁶³

Thus, Argentina receives a score of -1.

Analyst: Ivette Ordóñez Núñez

Australia: +1

Australia has fully complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 9 August 2019, the Council of Australian Governments (COAG), led by Prime Minister Scott Morrison, jointly stated that the country should proceed with embarking on a timeline to ban the export of recyclable materials, and plastics in particular. As well, the COAG determined that the ban should consider reducing plastic waste overall in addition to reducing the amount of plastic waste being exported to landfill sites. Finally, the COAG agreed that the proposed ban should also account for improving methods of collecting, recycling, reusing, converting, and recovering such waste.²⁹⁶⁴

On 2 September 2019, Australia presented the Pacific Ocean Litter Project (POLP) to work in tandem with the Secretariat of the Pacific Environment Programme's 2018 Marine Litter Action Plan to jointly provide "a cleaner Pacific environment free from single-use plastics."²⁹⁶⁵ More specifically, the POLP seeks to "support training, industry and community engagement, donor coordination, as well as technical and practical support in response to National Government priorities," and places an emphasis upon, "strengthening policy & legislative frameworks, including through the

²⁹⁶³ This non-compliance was determined after a search of the following websites: www.cancilleria.gob.ar/en/foreign-policy/environment, <https://cancilleria.gob.ar/en/news>, www.theguardian.com/environment/plastic, www.lacion.com.ar, www.argentina.gob.ar, www.lavoz.com.ar, www.neomundo.com.ar, www.telam.com.ar, www.argentinaambiental.com, www.elpais.es, www.losverdes.org.ar, www.conicet.gov.ar

²⁹⁶⁴ Meeting of the Council of Australian Governments, Cairns 9 August 2019: Communiqué, (Canberra) 9 August 2019. Access Date: 8 February 2020. <https://www.coag.gov.au/sites/default/files/communique/coag-communique-august-9-2019.pdf>

²⁹⁶⁵ Pacific Ocean Litter Project (POLP) To Strengthen Pacific Action Against Plastic Pollution, Secretariat of the Pacific Environment Programme (Apia) 2 September 2019. Access Date: 8 February 2020. <https://www.sprep.org/news/pacific-ocean-litter-project-polp-to-strengthen-pacific-action-against-plastic-pollution>

implementation of bans, levies or voluntary measures.”²⁹⁶⁶ The Australian government has committed AUD16 million over six years (2019-2025) toward this effort, as affirmed by Mark Skinner, an official from the Australian Department of the Environment and Energy.²⁹⁶⁷

On 8 November 2019, the Environment Ministers from the COAG expanded upon their previous commitment towards banning the export of recyclable materials to include a timeline of phase-out for each of the categories of waste materials. Per the agreed-upon timeline, waste glass will be banned by July 2020, mixed waste plastics will be banned by July 2021, tires will be banned by December 2021, and all remaining waste products will be banned by 30 June 2022 at the latest.²⁹⁶⁸

On 8 November 2019, the Australian government released their National Waste Policy Action Plan. The plan is multifaceted and includes the following relevant provisions. The Plan seeks to work with the private sector to expand the market for recycled goods, reduce the total amount of plastics waste generated by Australians, and increase the average resource recovery rate to 80 per cent by 2030.²⁹⁶⁹ Furthermore, the plan also seeks to phase out all “problematic and unnecessary plastics” by 2025, coordinate for non-governmental organizations to reduce and clean up waste along Australia’s coastlines and in their rivers, work with the private sector to reduce ship-sourced marine plastic litter, and phase out all microbeads in cosmetic and personal care products by 2020 with the possibility of expanding the microbeads ban to all products thereafter.²⁹⁷⁰

On 2 March 2020, Minister of the Environment Sussan Ley hosted the Australian National Plastics Summit to showcase and identify solutions to the challenge presented by single-use plastics and marine plastics.²⁹⁷¹ At the summit, the government secured various commitments from the private sector and industry interest groups to invest in sustainable packaging research and use, including McDonalds, Nestle and Dairy Australia.²⁹⁷² Further, the government announced at the summit that they will be partnering with the Australian Institute for Packaging to train packaging designers to develop more sustainable packages that are in compliance with Australia’s Sustainable Packaging

²⁹⁶⁶ Pacific Ocean Litter Project (POLP) To Strengthen Pacific Action Against Plastic Pollution, Secretariat of the Pacific Environment Programme (Apia) 2 September 2019. Access Date: 8 February 2020.
<https://www.sprep.org/news/pacific-ocean-litter-project-polp-to-strengthen-pacific-action-against-plastic-pollution>

²⁹⁶⁷ Pacific Ocean Litter Project (POLP) To Strengthen Pacific Action Against Plastic Pollution, Secretariat of the Pacific Environment Programme (Apia) 2 September 2019. Access Date: 8 February 2020.
<https://www.sprep.org/news/pacific-ocean-litter-project-polp-to-strengthen-pacific-action-against-plastic-pollution>

²⁹⁶⁸ Waste export ban, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 8 November 2019. Access Date: 8 February 2020. <http://www.environment.gov.au/protection/waste-resource-recovery/waste-export-ban>

²⁹⁶⁹ National Waste Policy Action Plan 2019, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 8 November 2019. Access Date: 8 February 2020.
<https://www.environment.gov.au/system/files/resources/5b86c9f8-074e-4d66-ab11-08bbc69da240/files/national-waste-policy-action-plan-2019.pdf>

²⁹⁷⁰ National Waste Policy Action Plan 2019, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 8 November 2019. Access Date: 8 February 2020.
<https://www.environment.gov.au/system/files/resources/5b86c9f8-074e-4d66-ab11-08bbc69da240/files/national-waste-policy-action-plan-2019.pdf>

²⁹⁷¹ National Plastics Summit 2020, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 2020. Access Date: 8 February 2020. <https://www.environment.gov.au/protection/waste-resource-recovery/national-plastics-summit>

²⁹⁷² National Plastics Summit 2020, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 2020. Access Date: 20 March 2020. <https://www.environment.gov.au/protection/waste-resource-recovery/national-plastics-summit>

Guidelines and 2025 National Packaging Targets.²⁹⁷³ The government announced that the government-owned Australia Post will move to 100 per cent recycled plastic postage bags by the end of 2021.²⁹⁷⁴

Australia has supported efforts towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Thus, Australia receives a score of +1.

Analyst: Jared Forman

Brazil: -1

Brazil has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Brazil has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁹⁷⁵

Thus, Brazil receives a score of -1.

Analyst: Jessi Gilchrist

Canada: -1

Canada has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Canada has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁹⁷⁶

Thus, Canada receives a score of -1.

Analyst: Naomi Butterfield

²⁹⁷³ National Plastics Summit 2020, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 2020. Access Date: 20 March 2020. <https://www.environment.gov.au/protection/waste-resource-recovery/national-plastics-summit>

²⁹⁷⁴ National Plastics Summit 2020, Australian Government: Department of Agriculture, Water and the Environment (Canberra) 2020. Access Date: 20 March 2020. <https://www.environment.gov.au/protection/waste-resource-recovery/national-plastics-summit>

²⁹⁷⁵ This non-compliance was determined after a search of the following websites: <http://www.brazil.gov.br/about-brazil/news?fbclid=IwAR0K7VadI-zw4w-cP71bZj8UPXXpzZmJz81E49xYC41l9ImQkJyxYFQUiY>, <https://unfccc.int/>, <https://www.unenvironment.org/>, <https://www.theguardian.com/environment/environment+world/brazil>

²⁹⁷⁶ This non-compliance was determined after a search of the following websites:
<https://www.canada.ca/en/environment-climate-change/services/managing-reducing-waste/international-commitments/ocean-plastics-charter.html>, <https://www.dfo-mpo.gc.ca/science/collaboration/partnership-projects/055-eng.html>, <https://pm.gc.ca/en/news/backgrounder/2018/06/10/working-together-climate-change-oceans-and-clean-energy>, <https://dfo-mpo.gc.ca/species-especies/mammals-mammiferes/ghostgear-equipementfantome/index-eng.html>, <https://pm.gc.ca/en/news/backgrounder/2019/06/10/government-canada-taking-action-reduce-plastic-pollution>, <https://www.canada.ca/en/environment-climate-change.html>, <https://www.canada.ca/en/news.html>

China: 0

China has partially complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 16 January 2020, the National Development and Reform Commission in tandem with the Ministry of Ecology and Environment announced that the Chinese government intends to ban both non-biodegradable plastic products containing microbeads by the end of 2020 and single-use plastics across the country by 2025.²⁹⁷⁷

China has voiced the intention towards the prevention of the discharge of marine plastic litter and microplastics, but it has not taken stronger action.

Thus, China receives a score of 0.

Analyst: Meimenat Cheng

France: 0

France has partially complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 27 December 2019, the French government issued a decree banning single-use plastic plates, cups and cotton buds.²⁹⁷⁸ The ban on these single-use plastic products came into effect on 1 January 2020 and is part of the government's broader goal to phase out all single-use plastics by 2040.²⁹⁷⁹

On 30 January 2020, the National Assembly adopted an anti-waste law containing 130 articles pertaining to the prevention and reduction of plastic waste. In particular, the anti-waste law seeks to phase out single-use plastics, reduce the use of single-use plastic bottles by 50 per cent within the next decade, mandates that all restaurants must stop using plastic containers by 2023, and aims for all plastic to be recyclable by 2025.²⁹⁸⁰

France has supported efforts towards the prevention and significant reduction of the discharge of marine plastic litter, but has yet to take national action against the prevention and reduction of microplastics to the oceans.

Thus, France receives a score of 0.

Analyst: Chantal Elias

Germany: +1

Germany has fully complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

²⁹⁷⁷ China to Ban All Single-Use Plastics, Forbes (New York) 20 January 2020. Access Date: 18 March 2020.

<https://www.forbes.com/sites/trevornace/2020/01/20/china-to-ban-all-single-use-plastics/#53ab5b687293>

²⁹⁷⁸ France to phase out single-use plastics starting January 1, France 24 (Paris) 31 December 2019. Access Date: 9 February 2020. <https://www.france24.com/en/20191231-france-begins-phasing-out-single-use-plastics>

²⁹⁷⁹ France to phase out single-use plastics starting January 1, France 24 (Paris) 31 December 2019. Access Date: 9 February 2020. <https://www.france24.com/en/20191231-france-begins-phasing-out-single-use-plastics>

²⁹⁸⁰ Landmark French law will stop unsold goods being thrown away, The Guardian (Paris) 30 January 2020. Access Date: 9 February 2020. <https://www.theguardian.com/world/2020/jan/30/france-passes-landmark-law-to-stop-unsold-goods-being-thrown-away>

Between 2017 and 2021, covering the full compliance period, Germany's Federal Ministry of Education and Research will fund 20 joint research projects and one scientific project of approximately EUR37 million as part of the Plastics in the Environment: Sources, Sinks, Solutions" initiative.²⁹⁸¹ This initiative falls under the umbrella of the Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) and includes plastics, microplastics and nanoplastics.²⁹⁸²

In 2019 the Oceans Plastics Lab, an initiative co-founded by the German Federal Ministry of Education and Research, continued to operate.²⁹⁸³ The Lab "is an international traveling exhibition that shows how science tries to understand and tackle the problem of plastic pollution in our oceans."

On 6 November 2019, the Federal Cabinet passed an amendment to the existing Packaging Act (which aims to recycle more plastic packaging) that bans plastics bags with wall thicknesses between 15 and 50 micrometers from entering the market.²⁹⁸⁴

On 25 November to 8 December 2019, under the Packaging Act, Germany launched the public education campaign "No to the Throwaway Society" to communicate to the public the ban on plastic bags.²⁹⁸⁵

Germany has taken national action to prevent and significantly reduce the discharge of marine plastic and microplastics litter to the oceans.

Thus, Germany receives a score of +1.

Analyst: Naomi Butterfield

India: -1

India has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

India has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁹⁸⁶

Thus, India receives a score of -1.

Analyst: Chantal Elias

²⁹⁸¹ Background: Plastics in the Environment: Sources, Sinks, Solutions, German Federal Ministry for Education and Research, n.d. Access Date: 23 September 2020. <https://bmbf-plastik.de/index.php/en/background>.

²⁹⁸² Joint Actions, JPI Oceans, n.d. Access Date: 23 September 2020. <https://www.jpi-oceans.eu/search-joint-actions-and-projects>.

²⁹⁸³ About Ocean Plastics Lab, Ocean Plastics Lab, n.d. Access Date: 23 September 2020. <https://oceanplasticslab.net/de/uber/>.

²⁹⁸⁴ Draft law for a first law amending the Packaging Act, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Bonn) 6 November 2019. Access Date: 27 August 2020.

<https://www.bmu.de/gesetz/gesetzentwurf-eines-ersten-gesetzes-zur-aenderung-des-verpackungsgesetzes/>

²⁹⁸⁵ Campaign "No to the Throwaway Society," Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Bonn) n.d. Access Date: 23 September 2020.

²⁹⁸⁶ This non-compliance was determined after a search of the following websites:

<https://economictimes.indiatimes.com/>, <https://www.india.gov.in/>, <https://in.reuters.com/>,
<https://www.unenvironment.org/>, <https://timesofindia.indiatimes.com/>, <https://www.theguardian.com/world/india>,
<http://www.indiaenvironmentportal.org.in/>

Indonesia: -1

Indonesia has not complied with its commitment to take national action towards the reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 12 December 2019, Director of Waste Management at the Ministry of Environment and Forestry Novrizal Tahar announced that the government intends to reduce marine plastic waste by 70 per cent by 2025. Director Tahar indicated that the government would convene in 2020 to discuss and develop a policy to achieve this goal.²⁹⁸⁷

On 5 February 2020, Indonesian Finance Minister Sri Mulyani Indrawati announced the Indonesian government's intention to impose a levied tax on plastic, fossil fuels, and sweet drinks. The proposed excise is a part of a broader plan to reduce the environmental and health effects of said products upon Indonesian citizens. As well, the excise is intended to reduce plastic consumption by up to 50 per cent and ideally alter the plastic production to encourage more environmentally-friendly production industries.²⁹⁸⁸

On 19 February 2020, the Indonesian Parliament requested the government to tax a wider range of plastic products than Minister Indrawati had initially proposed as a part of their levied tax plan.²⁹⁸⁹

Although Indonesia has stated its intention to support reduction and prevention efforts of marine plastic litter, Indonesia has yet to implement any national actions with respect to this commitment. Furthermore, Indonesia has neither addressed nor taken action with regards to the prevention and significant reduction of microplastics to the oceans in particular.

Thus, Indonesia receives a score of -1.

Analyst: Meimenat Cheng

Italy: -1

Italy has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Italy has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.²⁹⁹⁰

Thus, Italy receives a score of -1.

Analyst: Jessi Gilchrist

²⁹⁸⁷ Indonesia to reduce plastic waste 70% by 2025, Anadolu Agency (Ankara) 13 December 2019. Access Date: 1 March 2020. <https://www.aa.com.tr/en/asia-pacific/indonesia-to-reduce-marine-plastic-waste-70-by-2025/1672349>

²⁹⁸⁸ Indonesia revives excise plan on plastics, dirty vehicles, and sweet drinks, Jakarta Post (Jakarta) 19 February 2020. Access date: 1 March 2020. <https://www.thejakartapost.com/news/2020/02/19/indonesia-revives-excise-plan-on-plastics-dirty-vehicles-and-sweet-drinks.html>

²⁹⁸⁹ Indonesia parliament tells government to tax a wider range of plastic products, Reuters (Toronto) 19 February 2020. Access date: 1 March 2020. <https://www.theguardian.pe.ca/business/reuters/indonesia-government-proposes-levy-on-sweetened-drinks-co2-emitting-vehicles-plastic-bags-412659/>

²⁹⁹⁰ This non-compliance was determined after a search of the following websites: <http://www.governo.it/notizie-presidente>, <http://www.governo.it/it/notizie-chigi>, <http://www.governo.it/it/notizie-dai-ministeri>, <https://www.minambiente.it/pagina/ufficio-stampa>, <https://unfccc.int/>

Japan: 0

Japan has partially complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 29 June 2019, the Government of Japan launched the MARINE initiative. This framework lays out Japan's commitment to combat marine plastic litter on a global scale by supporting developing countries in their efforts towards waste management, the recovery of marine litter, and technological innovation. The MARINE initiative was launched in response to the G20's Osaka Blue Ocean Vision.²⁹⁹¹

On 13 September 2019, Minister of the Environment Shinjiro Koizumi iterated Japan's commitment to leading a global movement towards plastic reduction. Kozumi outlined his intention to collaborate with other countries to tackle the issue of marine plastics and acknowledged the importance of reducing "plastic straws, bottles, and bags," while also addressing marine plastic reduction at a macro-level.²⁹⁹²

On 8 October 2019, the European Union co-organized a workshop on "Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter" together with the Japanese Ministry of Environment and the US Environmental Protection Agency.²⁹⁹³ The workshop aims to contribute to the G20 Osaka Blue Ocean Vision agreed at the G20 Osaka Summit as well as the G20 Implementation Framework for Actions on Marine Plastic Litter.²⁹⁹⁴

On 9 October 2019, the Ministry of Environment, in tandem with the Ministry of Trade and Industry and the Institute for the Advanced Study of Sustainability at the United Nations University held the "G20 Resource Efficiency Dialogue 2019" in Tokyo, Japan in follow up to the G20 Implementation Framework for Actions on Marine Plastic Litter.²⁹⁹⁵ During the meeting, the participants summarized the strategic policies targeting marine plastic litter that were implemented by each of the G20 members both prior to and following the Osaka Summit.²⁹⁹⁶ The purpose of the meeting was to share best practices among the members, provide updates on actions taken by the

²⁹⁹¹ Japan's "MARINE Initiative" toward Realization of the Osaka Blue Ocean Vision, Ministry of Foreign Affairs of Japan (Tokyo) 29 June 2019. Access Date: 9 February 2020. https://www.mofa.go.jp/ic/ge/page25e_000317.html

²⁹⁹² New Environment Minister Shinjiro Koizumi vows Japan will take lead role on plastic waste, Japan Times (Tokyo) 13 September 2019. Access Date: 9 February 2020. <https://www.japantimes.co.jp/news/2019/09/13/national/science-health/koizumi-japan-lead-plastic-waste/#.XkHqnxNKiqC>

²⁹⁹³ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

²⁹⁹⁴ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

²⁹⁹⁵ Results of the G20 Resource Efficiency Dialogue 2019 and follow up of the G20 Implementation Framework for Actions on Marine Plastic Litter, Ministry of the Environment — Government of Japan (Tokyo) 13 November 2019. Access date: 2 April 2020. https://g20mpl.org/wp-content/uploads/2019/10/G20-Report-on-Actions-against-Marine-Plastic-Litter_First-Information-Sharing-based-on-the-G20-Implementation-Framework.pdf

²⁹⁹⁶ Results of the G20 Resource Efficiency Dialogue 2019 and follow up of the G20 Implementation Framework for Actions on Marine Plastic Litter, Ministry of the Environment — Government of Japan (Tokyo) 13 November 2019. Access date: 2 April 2020. https://g20mpl.org/wp-content/uploads/2019/10/G20-Report-on-Actions-against-Marine-Plastic-Litter_First-Information-Sharing-based-on-the-G20-Implementation-Framework.pdf

members since the Osaka Summit, and to further highlight the importance of this commitment area both within the G20 and to countries outside of the G20.²⁹⁹⁷

On 1 November 2019, a joint panel of Japan's industry and environment ministries approved a draft plan to put fees on plastic bag use. The legislation will require all retailers across the country to charge customers for plastic shopping bags. This legislation will come into effect by July 2020.²⁹⁹⁸

Japan has taken national action towards preventing and significantly reducing the discharge of marine plastic litter such as seen in the MARINE initiative. However, it has not taken national action targeted at the prevention and reduction of microplastic discharge to the oceans.

Thus, Japan receives a score of 0.

Analyst: Chantal Elias

Korea: +1

Korea has fully complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 10 December 2019, Environment Minister Cho Myung-rae announced the implementation of the 5th Comprehensive Plan for the National Environment (2020-2040).²⁹⁹⁹ The plan outlines strategies for the implementation of environmentally-conscious policies throughout a variety of different industries and sectors, provides policy direction for the implementation of environment-related policies at the local government level and overall outlines a long-term vision for national environment management from 2020 to 2040. Under Strategy 2, Korea's Fifth Comprehensive Plan seeks to implement Integrated Water Resource Management to enhance water quality by reducing microplastics discharge.³⁰⁰⁰ In addition, Strategy 6 of the plan also iterates the government's intention to phase-out the use of plastics nation-wide. This is to be accomplished by developing environmentally friendly plastic alternatives and reducing the use of plastics.³⁰⁰¹

On 5 February 2020, the Ministry of Environment announced that clear plastic bottles are from thenceforth to be collected and recycled separately from all other waste material for the purposes of

²⁹⁹⁷ Results of the G20 Resource Efficiency Dialogue 2019 and follow up of the G20 Implementation Framework for Actions on Marine Plastic Litter, Ministry of the Environment — Government of Japan (Tokyo) 13 November 2019. Access date: 2 April 2020. https://g20mpl.org/wp-content/uploads/2019/10/G20-Report-on-Actions-against-Marine-Plastic-Litter_First-Information-Sharing-based-on-the-G20-Implementation-Framework.pdf

²⁹⁹⁸ Japan to make Plastic Bag Fees Mandatory from July 2020, Nippon (Tokyo) 1 November 2019. Access Date: 9 February 2020. <https://www.nippon.com/en/news/yjj2019110101013/japan-to-make-plastic-bag-fees-mandatory-from-july-2020.html>

²⁹⁹⁹ Vision and Strategy for Korea's Green Transition 2040, Ministry of Environment (Seoul) 10 December 2019. Access Date: 27 January 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=10&maxPageltems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1153240&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=>

³⁰⁰⁰ Vision and Strategy for Korea's Green Transition 2040, Ministry of Environment (Seoul) 10 December 2019. Access Date: 27 January 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=10&maxPageltems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1153240&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=>

³⁰⁰¹ Vision and Strategy for Korea's Green Transition 2040, Ministry of Environment (Seoul) 10 December 2019. Access Date: 27 January 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=10&maxPageltems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1153240&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=>

turning the plastic bottles into a high quality textile material.³⁰⁰² Minister stated that the ministry would launch a “Pilot Project for the Separate Disposal of Transparent Used Plastic Bottles” throughout the municipalities of Seoul, Busan, Cheonan, Gimhae, Jeju and Seogwipo.³⁰⁰³ The pilot project involves the installation of separate collection boxes for the collection of used clear plastic bottles in apartment houses and main collection facilities, and transparent plastic bags for the collection of used clear plastic bottles from single-family houses.³⁰⁰⁴ The ministry estimates that by increasing the country’s clear plastic bottle collection through this program, Korea will overall reduce the amount of clear plastic bottles it imports from neighboring countries.³⁰⁰⁵ Should the pilot prove successful, the ministry indicated that it would likely implement the program nation-wide by 2021.³⁰⁰⁶

Korea taken national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Thus, Korea receives a score of +1.

Analyst: Meimenat Cheng

Mexico: 0

Mexico has partially complied with its commitment to take national actions towards the prevention and significant reduction of the discharge of plastic litter and microplastics to the oceans.

On 5 December 2019, the Senate of Mexico in conjunction with various plastic industry associations and civil society groups, signed the National Agreement for the New Plastics Economy in Mexico.³⁰⁰⁷ This agreement aims to reduce, recycle and make compostable plastics in Mexico by 2030.³⁰⁰⁸ Senator Ricardo Monreal Ávila stated that in Mexico, “waste destroys the ecosystems as litter goes into rivers,

³⁰⁰² Separate disposal of used plastic bottles to improve quality and reduce import, Ministry of Environment (Seoul) 5 February 2020. Access Date: 3 April 2020. [https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&b oardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center](https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&boardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center)

³⁰⁰³ Separate disposal of used plastic bottles to improve quality and reduce import, Ministry of Environment (Seoul) 5 February 2020. Access Date: 3 April 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&b oardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center>

³⁰⁰⁴ Separate disposal of used plastic bottles to improve quality and reduce import, Ministry of Environment (Seoul) 5 February 2020. Access Date: 3 April 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&b oardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center>

³⁰⁰⁵ Separate disposal of used plastic bottles to improve quality and reduce import, Ministry of Environment (Seoul) 5 February 2020. Access Date: 3 April 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&b oardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center>

³⁰⁰⁶ Separate disposal of used plastic bottles to improve quality and reduce import, Ministry of Environment (Seoul) 5 February 2020. Access Date: 3 April 2020. <https://eng.me.go.kr/eng/web/board/read.do?pagerOffset=0&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=461&orgCd=&b oardId=1349020&boardMasterId=522&boardCategoryId=&decorator=&firstItemIndex=Press%20Center>

³⁰⁰⁷ México logra Acuerdo Nacional para la nueva economía de los plásticos, Portal Ambiental (Mexico City) 10 December 2019. Access date: 19 March 2020. <https://www.portalambiental.com.mx/empresas/20191210/mexico-logra-acuerdo-nacional-para-la-nueva-economia-de-los-plasticos>

³⁰⁰⁸ Industria y Senado firman Acuerdo Nacional por una Nueva Economía del Plástico, Senado de la República (Mexico City) 5 December 2019. Access date: 8 February 2020. <http://comunicacion.senado.gob.mx/index.php/informacion/boletines/47095-industria-y-senado-firman-acuerdo-nacional-por-una-nueva-economia-del-plastico.html>

oceans, jungles and forests.”³⁰⁰⁹ Overall, this agreement seeks to reduce single-use plastics and estimates that all plastic products should contain 20 per cent recycled material by 2025.³⁰¹⁰

Mexico has taken national action to prevent and significantly reduce the discharge of marine plastic litter to the oceans through the National Agreement for the New Plastics Economy in Mexico. However, it has not taken national action to prevent and reduce discharge of microplastics to the oceans.

Thus, Mexico receives a score of 0.

Analyst: Ivette Ordóñez Núñez

Russia: -1

Russia has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 18 October 2019, the Federal Consumer Protection Service indicated that it would release a draft bill to phase out single-use plastics bags in collaboration with other national governmental agencies.³⁰¹¹ The Federal Consumer Protection Service did not indicate both when the bill might be presented and if there was a particular timeline or projected date for full national implementation of the proposed phase-out.³⁰¹²

Russia has not taken national action towards the prevention and significant reduction of marine plastic litter and microplastic discharge to the oceans.

Thus, Russia receives a score of -1.

Analyst: Katherine Yarun

Saudi Arabia: -1

Saudi Arabia has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 14 July 2019 Saudi Arabia’s National Center for Waste Management signed a memorandum of understanding (MOU) with the Riyadh municipality and the Saudi Investment Recycling Company to strengthen cooperation and coordination for a waste management strategy in Riyadh.³⁰¹³ The strategy intends to include recycling of municipal waste, including plastics.

³⁰⁰⁹ Industria y Senado firman Acuerdo Nacional por una Nueva Economía del Plástico, Senado de la República (Mexico City) 5 December 2019. Access date: 8 February 2020. <http://comunicacion.senado.gob.mx/index.php/informacion/boletines/47095-industria-y-senado-firman-acuerdo-nacional-por-una-nueva-economia-del-plastico.html>

³⁰¹⁰ México logra Acuerdo Nacional para la nueva economía de los plásticos, Portal Ambiental (Mexico City) 10 December 2019. Access date: 19 March 2020. <https://www.portalambiental.com.mx/empresas/20191210/mexico-logra-acuerdo-nacional-para-la-nueva-economia-de-los-plasticos>

³⁰¹¹ Article: Russia moves to phase out plastic bags in new draft law, The Moscow Times (Moscow) 18 October 2019. Access date: 8 February 2020. <https://www.themoscowtimes.com/2019/10/18/russia-moves-phase-out-plastic-bags-new-draft-law-a67791>

³⁰¹² Article: Russia moves to phase out plastic bags in new draft law, The Moscow Times (Moscow) 18 October 2019. Access date: 8 February 2020. <https://www.themoscowtimes.com/2019/10/18/russia-moves-phase-out-plastic-bags-new-draft-law-a67791>

³⁰¹³ The National center for Waste Management, the Riyadh Municipality and the Recycling Company Sign a Memorandum of Understanding to Start Waste Recycling Activities in Riyadh, Argaam, 14 July 2019. Access Date: 24 September 2020. <https://www.argaam.com/ar/article/articledetail/id/1301195>.

On 23 July 2020 the Council of Ministers established the Environment Fund and four specialized environment centres.³⁰¹⁴ The establishment of these centres included an assessment regarding the including of waste management. It is not clear if this covers plastics or microplastics.

Saudi Arabia has taken some action on recycling plastics at the municipal leve and on waste management broadly at the national level. There is not enough evidence to show Saudi Arabia took swift action to prevent and significantly reduce the discharge of marine plastic litter and microplastics to the oceans.³⁰¹⁵

Thus, Saudi Arabia receives a score of -1.

Analyst: Amira Higazy

South Africa: 0

South Africa has partially complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

From 21 to 22 November 2019, South Africa's Minister of Environment, Forestry and Fisheries Barbara Creecy hosted a Plastic Colloquium attended by several key stakeholders within South Africa's government, industry and civil society.³⁰¹⁶ The Plastic Colloquium involved discussions on recent research on plastic waste, the implementation and effectiveness of awareness campaigns, and international best practices and actions in tackling plastic waste.³⁰¹⁷ This colloquium was divided into six main topics which later formed the basis of the South Africa Plastic Pact, namely, product standards and certification, product design, development and innovation, integration of the informal waste economy, biodegradable and compostable plastics, infrastructure and consumer education.³⁰¹⁸

On December 2019, South Africa announced the launch of National Marine Month 2020, a national environmental awareness campaign set to take place throughout the month of October 2020.³⁰¹⁹ The educational campaign is intended to raise awareness within the country of the benefits provided by South Africa's marine and coastal environments provide recommendations to households on ways to preserve the health of South Africa's marine and coastal lines, including the reduction of plastic consumption.³⁰²⁰

³⁰¹⁴ In the Era of "Salman"...5 Historic Decisions Pledging to the Environment Safety, Saudi Ministry of Environment Water and Agriculture, 23 July 2020. Access Date: 24 September 2020.
<https://www.mewa.gov.sa/ar/MediaCenter/News/Pages/55464.aspx>.

³⁰¹⁵ This non-compliance was determined after a search of the following websites: <https://saudigazette.com.sa/>, <https://www.alriyadh.gov.sa/en/>, <https://www.mewa.gov.sa/en/MediaCenter/News/Pages/home.aspx>, <https://www.aljazeera.com/>, <https://www.bbc.com/news/topics/cwlw3xz0zl4t/saudi-arabia>

³⁰¹⁶ Minister Barbara Creecy hosts Plastic Colloquium 21 to 22 Nov, South African Government (Cape Town) 19 November 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/minister-environment-forestry-and-fisheries-ms-barbara-creecy-host-plastic-colloquium-19>

³⁰¹⁷ Minister Barbara Creecy hosts Plastic Colloquium 21 to 22 Nov, South African Government (Cape Town) 19 November 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/minister-environment-forestry-and-fisheries-ms-barbara-creecy-host-plastic-colloquium-19>

³⁰¹⁸ Minister Barbara Creecy hosts Plastic Colloquium 21 to 22 Nov, South African Government (Cape Town) 19 November 2019. Access Date: 17 February 2020. <https://www.gov.za/speeches/minister-environment-forestry-and-fisheries-ms-barbara-creecy-host-plastic-colloquium-19>

³⁰¹⁹ Marine Month 2020, South African Government (Cape Town) December 2019. Access Date: 13 February 2020. <https://www.gov.za/MarineMonth2020>

³⁰²⁰ Marine Month 2020, South African Government (Cape Town) December 2019. Access Date: 13 February 2020. <https://www.gov.za/MarineMonth2020>

On 30 January 2020, Minister of Environment, Forestry and Fisheries Barbara Creecy launched the South Africa Plastic Pact.³⁰²¹ This pact follows the National Environmental Management Waste Act: Consultation on National Waste Management Strategy conducted in December 2019, which identified single-use plastics used in consumer packaging to be the primary cause of plastic pollution throughout the coastal and marine environments.³⁰²² The South Africa Plastic Pact — a national initiative within the Global Plastics Pact Network — was designed to address both global and domestic plastic waste and pollution challenges using the objectives of the Plastic Colloquium.³⁰²³ The Deputy Director-General of Oceans and Coast added that regular meetings and workshops would be held to check progress and to account for work done.³⁰²⁴

South Africa has taken national action towards the prevention and significant reduction of the discharge of marine plastic litter as seen in the implementation of the South Africa Plastic Pact. However, it has not taken action to prevent and reduce microplastic discharge to the oceans.

Thus, South Africa has received a score of 0.

Analyst: Amira Higazy

Turkey: 0

Turkey has partially complied with its commitment to take national actions towards the prevention and significant reduction of discharges of plastic litter and microplastics to the oceans.

On 2 January 2020, the Ministry of Environment and Urbanization implemented a recovery share tax on the packaging used by oil, pharmaceutical, electronic goods and beverage manufacturers and importers.³⁰²⁵ The tax is to be paid directly to the Treasury and Ministry of Finance of Turkey. The companies can offset this tax by requiring their customers to pay a recyclable packaging deposit, thus encouraging recycling measures and reducing the amount of plastic waste.³⁰²⁶

Turkey has taken national actions towards the prevention and significant reduction of the discharge of marine plastic litter to the oceans by implementing a tax on packaging from various industries. However, Turkey has not taken national action to prevent and reduce the discharge of microplastics to the oceans.

Thus, Turkey receives a score of 0.

Analyst: Katherine Yarun

³⁰²¹ Minister Barbara Creecy: Launch of South Africa Plastic Pact, South African Government (Cape Town) 30 January 2020. Access Date: 13 February 2020. <https://www.gov.za/speeches/launch-south-africa-plastic-pact-30-jan-2020-0000>

³⁰²² National Environmental Management: Waste Act: Consultation: National Waste Management Strategy, South African Government (Cape Town) 3 December 2019. Access Date: 18 March 2020. <https://www.gov.za/documents/nationalenvironmental-management-waste-act-consultation-national-waste-management>

³⁰²³ Minister Barbara Creecy: Launch of South Africa Plastic Pact, South African Government (Cape Town) 30 January 2020. Access Date: 13 February 2020. <https://www.gov.za/speeches/launch-south-africa-plastic-pact-30-jan-2020-0000>

³⁰²⁴ Minister Barbara Creecy: Launch of South Africa Plastic Pact, South African Government (Cape Town) 30 January 2020. Access Date: 13 February 2020. <https://www.gov.za/speeches/launch-south-africa-plastic-pact-30-jan-2020-0000>

³⁰²⁵ Recovery share period starts for packaged products, Hurriyet Daily News (Istanbul) 2 January 2020. Access Date: 8 February 2020. <https://www.hurriyetdailynews.com/recovery-share-period-starts-for-packaged-products-150524>

³⁰²⁶ Recovery share period starts for packaged products, Hurriyet Daily News (Istanbul) 2 January 2020. Access Date: 8 February 2020. <https://www.hurriyetdailynews.com/recovery-share-period-starts-for-packaged-products-150524>

United Kingdom: -1

The United Kingdom has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

The UK has not taken any national action to prevent and significantly reduce the discharge of marine plastic litter nor microplastics to the oceans. No actions were found for this report after searching publicly available online sources published by the government, relevant ministries, and international organizations.³⁰²⁷

Thus, the United Kingdom receives a score of -1.

Analyst: Ivette Ordonez Nunez

United States: -1

The United States has not complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 8 October 2019, the European Union co-organized a workshop on “Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter” together with the Japanese Ministry of Environment and the US Environmental Protection Agency.³⁰²⁸ The workshop aims to contribute to the G20 Osaka Blue Ocean Vision agreed at the G20 Osaka Summit as well as the G20 Implementation Framework for Actions on Marine Plastic Litter.³⁰²⁹

On 22 October 2019, the Environmental Protection Agency (EPA) and the Department of the Army repealed an amendment of the Code of Regulation.³⁰³⁰ The amendment, entitled 2015 Clean Water Rule: Definition of “Waters of the United States,” was repealed by the EPA in part due to its failure to “recognize, preserve, and protect the primary responsibilities and right of States to prevent, reduce, and eliminate pollution” as outlined in 33 U.S.C. 1251 (b).³⁰³¹ The repeal thus restores the standards of American waterways back to its 1986 standards.

The United States has not complied national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

³⁰²⁷ This non-compliance was determined after a search of the following websites: <https://www.gov.uk/>, <https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>, <https://www.theguardian.com/uk/environment>, <http://www.greenmatch.co.uk/>, <https://www.bbc.com/>, <https://www.ft.com/>, <https://www.thetimes.co.uk/>, <https://www.sciencedirect.com/>, <https://elpais.com/america/>, <https://www.nytimes.com/>

³⁰²⁸ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

³⁰²⁹ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

³⁰³⁰ Navigable Waters Protection Rule, Environmental Protection Agency (Washington D.C.) 26 October 2019. Access Date: 8 February 2020. <https://www.epa.gov/nwpr/definition-waters-united-states-recodification-pre-existing-rules>

³⁰³¹ Navigable Waters Protection Rule, Environmental Protection Agency (Washington D.C.) 26 October 2019. Access Date: 8 February 2020. <https://www.epa.gov/nwpr/definition-waters-united-states-recodification-pre-existing-rules>

Thus, the United States receives a score of -1.

Analyst: Jared Forman

European Union: +1

The European Union has fully complied with its commitment to take national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

On 4 October 2019, the Council of the EU adopted its final conclusions in response to the Strategic Agenda initially adopted earlier in the year.³⁰³² The Strategic Agenda is a framework of action intended to build a “climate neutral, green, fair and social Europe.”³⁰³³ In response to the initial framework, the Council reiterated its commitment to combating marine litter in the form of plastics and microplastics originating from both land and water sources. Furthermore, the Council called upon the EU to fully adopt the Plastics Strategy so as to support the EU’s full transition into a circular economy, reduce plastic packaging, increase the use of recycled plastics and develop an environmental policy framework which supports the use of biodegradable plastics.³⁰³⁴ Finally, the Council urged the European Commission to expedite the establishment of restrictions on the intentional addition of microplastics, and to consider avenues of reducing unintentionally released microplastics in a concerted effort to reduce the discharge of plastic and microplastic litter into the ocean.³⁰³⁵

On 8 October 2019, the European Union co-organized a workshop on “Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter” together with the Japanese Ministry of Environment and the US Environmental Protection Agency.³⁰³⁶ The workshop aims to contribute to the G20 Osaka Blue Ocean Vision agreed at the G20 Osaka Summit as well as the G20 Implementation Framework for Actions on Marine Plastic Litter.³⁰³⁷

On 11 December 2019, the European Commission announced its commitment towards implementing the European Green Deal.³⁰³⁸ The European Green Deal is a framework of action dedicated towards achieving net neutrality within the EU by 2050, preserving the natural resources of the EU, decoupling economic growth from resource dependency, fully implementing both the United Nations’ (UN) 2030 Sustainable Development agenda and the sustainable development goals

³⁰³² The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

³⁰³³ A New Strategic Agenda, European Council (Brussels) 20 June 2019. Date Accessed: 6 February 2020. <https://www.consilium.europa.eu/en/press/press-releases/2019/06/20/a-new-strategic-agenda-2019-2024/>

³⁰³⁴ The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

³⁰³⁵ The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

³⁰³⁶ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

³⁰³⁷ G20 Workshop on Scientific Knowledge and Innovative Solutions for Marine Plastic Litter: Supporting the G20 Implementation Framework for Actions on Marine Plastic Litter, European Commission (Brussels) 8 October 2020. Date Accessed: 28 August 2020. [https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20\(Tokyo%208%20October%202019\)%20-%20Report.pdf](https://ec.europa.eu/environment/international_issues/pdf/File%2020%20G20%20Marine%20Plastic%20Litter%20Workshop%20(Tokyo%208%20October%202019)%20-%20Report.pdf)

³⁰³⁸ The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

and overall protecting citizens' health from environmental-related factors.³⁰³⁹ In particular, the Commission emphasized their commitment towards following up on its 2018 Plastics Strategy. The Commission outlined its distinct focus on addressing the unintentional releases of plastics and microplastics, creating biodegradable plastics, and implementing measures regarding single-use plastics. As well, the Commission iterated their intention to propose additional measures pertaining to runoff pollution from plastics and microplastics in ground and surface water.³⁰⁴⁰

On 5 March 2020, the European Council reaffirmed its commitment to implement the European Green Deal. The Council urged all member states to submit their national strategies to the United Nations Framework Convention on Climate Change by 2020 in accordance with the Paris Agreement.³⁰⁴¹

On 11 March 2020, the European Commission adopted the new Circular Economy Action Plan (CEAP).³⁰⁴² The plan includes mandatory requirements for recycled content and waste reduction measures for key products such as packaging, construction materials and vehicles in order to ensure a sustainable use of plastics.³⁰⁴³ The plan also restricts the use of intentionally added microplastics in products such as cosmetics, detergents and paints, among other things.³⁰⁴⁴ It further restricts the release of microplastics by developing labelling, standardisation, certification and regulatory measures.³⁰⁴⁵ Finally, the CEAP outlines the development of a policy framework for the use of bio-based plastics and biodegradable plastics.³⁰⁴⁶

Through the implementation of the Green Deal and the accompanying Circular Economy Action Plan, the EU has taken national action towards the prevention and significant reduction of the discharge of marine plastic litter and microplastics to the oceans.

Thus, the EU receives a score of +1.

Analyst: Jessi Gilchrist

³⁰³⁹ The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

³⁰⁴⁰ The European Green Deal, European Commission (Brussels) 11 December 2019. Access Date: 6 February 2020. https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

³⁰⁴¹ Climate change: Council adopts EU long-term strategy for submission to the UNFCCC, European Council (Brussels) 5 March 2020. Date Accessed: 26 March 2020. <https://www.consilium.europa.eu/en/press/press-releases/2020/03/05/climate-change-council-adopts-eu-long-term-strategy-for-submission-to-the-unfccc/>

³⁰⁴² Circular Economy Action Plan, European Commission (Brussels) 11 March 2020. Access Date: 28 August 2020. https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

³⁰⁴³ Circular Economy Action Plan, European Commission (Brussels) 11 March 2020. Access Date: 28 August 2020. https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

³⁰⁴⁴ Circular Economy Action Plan, European Commission (Brussels) 11 March 2020. Access Date: 28 August 2020. https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

³⁰⁴⁵ Circular Economy Action Plan, European Commission (Brussels) 11 March 2020. Access Date: 28 August 2020. https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

³⁰⁴⁶ Circular Economy Action Plan, European Commission (Brussels) 11 March 2020. Access Date: 28 August 2020. https://ec.europa.eu/environment/circular-economy/pdf/new_circular_economy_action_plan.pdf

18. Climate Change: Financing for Sustainable Development

“To this end, we strive to foster inclusive finance for sustainable development, including public and private financing mobilization and alignment between them.”

G20 Osaka Leaders’ Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina		0	
Australia			+1
Brazil		0	
Canada			+1
China			+1
France			+1
Germany			+1
India			+1
Indonesia			+1
Italy			+1
Japan			+1
Korea	0		
Mexico			+1
Russia			+1
Saudi Arabia			+1
South Africa			+1
Turkey	0		
United Kingdom			+1
United States			+1
European Union			+1
Average	+0.80 (90%)		

Background

The G20 first addressed climate change at its inaugural summit in Washington in 2008.³⁰⁴⁷ At the 2009 London Summit, the G20 pledged to do “whatever is necessary to: ... build an inclusive, green, and sustainable recovery,” as well as committed to “address the threat of irreversible climate change, based on the principle of common but differentiated responsibilities, and to reach agreement at the United Nations Climate Change conference in Copenhagen in December 2009.” G20 members also expressed their support for the United Nations Framework Convention on Climate Change (UNFCCC).³⁰⁴⁸ This support was expressed at every G20 summit, including at Hamburg in 2017 where leaders reiterated “the importance of fulfilling the UNFCCC commitment by developed countries in providing means of implementation including financial resources to assist developing countries with respect to both mitigation and adaptation actions in line with Paris outcomes and note

³⁰⁴⁷ Declaration of the Summit on Financial Markets and the World Economy, 2008 Washington Summit, G20 Information Centre (Toronto) 15 November 2008. Access Date: 30 March 2018. <http://www.g20.utoronto.ca/2008/2008declaration1115.html>

³⁰⁴⁸ Global Plan for Recovery and Reform, 2009 London Summit, G20 Information Centre (Toronto) 2 April 2009. Access Date: 30 March 2018. <http://www.g20.utoronto.ca/2009/2009communique0402.html>

the OECD's [Organisation for Economic Co-operation and Development's] report 'Investing in Climate, Investing in Growth'.”³⁰⁴⁹

The G20 also addressed the issue of climate finance at the 2014 Brisbane summit, where the leaders committed to support the efforts to mobilize “finance for adaptation and mitigation,” including through the Green Climate Fund.³⁰⁵⁰

In 2015 with the adoption of the United Nations 2030 Agenda for Sustainable Development and the Sustainable Development Goals, the climate change discourse shifted towards sustainability and the necessity to uphold balance among environmental, social and economic aspects of development.

Commitment Features

The commitment requires the G20 members to foster inclusive finance, through both public and private finance mobilization for climate change adaptation and mitigation efforts. To achieve full compliance the G20 member must make efforts to attract public and private resources to promote climate change adaptation and resilience building, which includes building resilient infrastructure, raising public awareness on climate change issues, increasing institutional capacities to counter climate change ramifications, and providing aid to vulnerable communities domestically and/or abroad.

Partial compliance is awarded if the G20 member manages to attract either public or private finance to achieve the abovementioned goals. Non-compliance is awarded if the G20 members makes no effort to attract either public or private finance to achieve these goals.

Scoring Guidelines

-1	G20 member does NOT mobilize inclusive public or private finance to promote climate change adaptation and mitigation.
0	G20 member mobilizes inclusive public OR private finance to promote climate change adaptation and mitigation.
+1	G20 member mobilizes inclusive public AND private finance to promote climate change adaptation and mitigation.

Centre for International Institutions Research

Argentina: 0

Argentina has partially complied with the commitment to foster inclusive finance for sustainable development.

On 26 September 2019, the first workshop was held for representatives of private associations and companies in Buenos Aires to discuss the role of the private sector in long-term local climate planning. The goal was to incorporate the perspective of this sector in the climate planning of the City of Buenos Aires.³⁰⁵¹

On 27 November 2019, the Secretariat of Environment and Sustainable Development concluded the elaboration of the first National Plan for Adaptation and Mitigation to Climate Change that aims to

³⁰⁴⁹ G20 Leaders' Declaration Hamburg, G20 Information Centre (Toronto) 8 July 2017. Access Date: 23 May 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

³⁰⁵⁰ G20 Leaders' Communiqué Brisbane, G20 Information Centre (Toronto) 16 November 2014. Access Date: 4 April 2020. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

³⁰⁵¹ Se realizó el primer taller sobre cambio climático destinado al sector privado, City of Buenos Aires 9 October 2019. Access date: 20 May 2020. <https://www.buenosaires.gob.ar/agenciaambiental/cambioclimaticoyenergiasustentable/noticias/se-realizo-el-primer-taller-sobre>

advance in the fulfillment of the objectives assumed in the Paris Agreement, and the National Sectoral Action Plans for Energy, Transport, Agriculture, Industry, Health, Infrastructure and Territory and Forests. The document seeks to advance in the implementation of the commitment assumed by Argentina in the nationally determined contribution (NDC), revised and presented at COP 22 in Marrakech in 2016.³⁰⁵²

On 26 December 2019, the Ministry of Environment and Sustainable Development of the Nation announced formalization of Law No. 27520 on Minimum Budgets for Climate Change. The norm is of fundamental importance to formalize and institutionalize the work mechanics implemented within the framework of the National Cabinet on Climate Change and the Climate Change Commission of the Federal Council for the Environment.³⁰⁵³

On 22 January 2020, Secretary for Climate Change, Sustainable Development and Innovation María del Pilar Bueno Rubial met with the Minister Counselor Shinichi Sato, responsible for economic and environmental issues at the Embassy of Japan in Argentina, in search of starting a dialogue in the issues on the climate change agenda. The meeting focused on NDCs, adaptation and mitigation actions, the scope of the United Nations Conferences on Climate Change 25 and 26, the potential of different international financing instruments and the possibility of increasing cooperation in concrete actions for the benefit of the provinces.³⁰⁵⁴

Argentina has taken steps to mobilize public finance to promote climate change adaptation and mitigation but no actions on mobilization of private financing were registered yet.

Thus, it is awarded a score of 0.

Analyst: Irina Popova

Australia: +1

Australia has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 13 August 2019, Prime Minister Scott Morrison announced the government funding of AUD500 million for renewable energy development, climate change and disaster resilience building in the Pacific. According to the Prime Minister's message, this funding will be used to invest in renewable energy, ensure new infrastructure can withstand disasters and ensure health services are well positioned to respond to changing needs.³⁰⁵⁵

On 16 April 2020, the government launched the research and development phase of its Reef Restoration and Adaptation Science Program, with a target to preserve and restore the Great Barrier Reef in the face of rising ocean temperatures and coral bleaching. The government provided AUD150 million for the first phase of the program. It also committed AUD100 million through the

³⁰⁵² Ambiente elaboró el Plan Nacional de Adaptación y Mitigación al Cambio Climático, Government of Argentina (Buenos Aires) 27 November 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/ambiente-elaboro-el-plan-nacional-de-adaptacion-y-mitigacion-al-cambio-climatico>

³⁰⁵³ Se oficializó la Ley de Presupuestos Mínimos de Cambio Climático, Government of Argentina (Buenos Aires) 20 December 2019. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/se-oficializo-la-ley-de-presupuestos-minimos-de-cambio-climatico>

³⁰⁵⁴ Se repasaron temas de la agenda del cambio climático con representantes de Japón en Argentina, Government of Argentina (Buenos Aires) 22 January 2020. Access date: 20 May 2020. <https://www.argentina.gob.ar/noticias/se-repasaron-temas-de-la-agenda-del-cambio-climatico-con-representantes-de-japon-en>

³⁰⁵⁵ Stepping up climate resilience in the Pacific, Prime Minister of Australia (Canberra) 13 August 2019. Access Date: 16 May 2020. <https://www.pm.gov.au/media/stepping-climate-resilience-pacific>.

Great Barrier Reef Foundation, which proposes to raise another AUD100 million in private funds.³⁰⁵⁶

On 11 May 2020, the Government of Australia announced a new AUD650 million Regional Bushfire Recovery and Development Program, aimed at helping the communities, affected by bushfires. AUD27.1 million is directed specifically to strengthen telecommunications infrastructure resilience to future natural disasters.³⁰⁵⁷

Australia has taken steps to mobilize public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

Brazil: 0

Brazil has partially complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 28 November 2019, Decree No. 10,143 was issued, which provides for the National Fund on Climate Change and the National Policy on Climate Change. This decree deals with changes related to the National Fund on Climate Change. Climate Fund has been inoperative throughout 2019, due to the lack of appointment of its management committee, which this act tries to correct. The proposed new composition of the committee favours the representation and participation of the private sector and civil society.³⁰⁵⁸

On 28 November 2019, Decree No. 10,145 was issued. It establishes permanent Interministerial Committee on Climate Change with the purpose of establishing guidelines, articulating and coordinating the implementation of public actions and policies in the country related to climate change. The committee will promote dialogue with the National Congress, subnational governments, society, the business sector and the scientific-academic sector.³⁰⁵⁹

Brazil has taken steps to mobilize public finance to promote climate change adaptation and mitigation but no actions on mobilization of private financing were registered yet.

Thus, it is awarded a score of 0.

Analyst: Irina Popova

Canada: +1

Canada has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

³⁰⁵⁶ Joint Media Release: \$150 million to drive innovations to boost Reef resilience, Australian Government (Canberra) 16 April 2020. Access Date: 16 May 2020. <https://minister.awe.gov.au/ley/media-releases/150-million-drive-innovations-boost-reef-resilience>.

³⁰⁵⁷ Boost for bushfire recovery, Prime Minister of Australia (Canberra) 11 May 2020. Access Date: 16 May 2020. <https://www.pm.gov.au/media/boost-bushfire-recovery>.

³⁰⁵⁸ Decreto Nº 10.143, Government of Brazil (Brasilia) 28 November 2019. Access date: 20 May 2020. http://www.planalto.gov.br/ccivil_03/_ato2019-2022/2019/decreto/D10143.htm

³⁰⁵⁹ Decreto Nº 10.145, Government of Brazil (Brasilia) 28 November 2019. Access date: 20 May 2020. http://www.planalto.gov.br/ccivil_03/_ato2019-2022/2019/decreto/D10145.htm

On 15 August 2019, Minister of Environment and Climate Change Catherine McKenna announced the launch of Canada's climate data portal: ClimateData.ca. This portal was designed to provide user-friendly climate change information, data, resources and tools.³⁰⁶⁰

On 4 March 2020, Minister of Environment and Climate Change, Jonathan Wilkinson announced up to CAD2.3 million from the government's Low Carbon Economy Fund to support a climate action initiative by the Government of Yukon. This investment was intended to go toward connecting an existing biomass heating system used at the Whitehorse Correctional Centre's to two additional public, reducing emissions by 82 per cent.³⁰⁶¹

On 4 March 2020, Member of Parliament for Windsor-Tecumseh Irek Kusmierczyk on behalf of Minister Wilkinson announced CAD125,000 in government funding through the Climate Action Fund to the University of Windsor. With this investment, Windsor law students were expected to organize two conferences to train and engage youth and community builders on the legal and policy aspects of municipal climate change mitigation.³⁰⁶²

On 10 March 2020, Minister of Fisheries, Oceans and the Canadian Coast Guard Bernadette Jordan announced over CAD13 million in funding for 24 projects as part of the Coastal Restoration Fund. According to the ministerial data, over 37 per cent of the projects funded by the Coastal Restoration Fund are led by Indigenous organizations in terms of design and implementation.³⁰⁶³

Canada has taken steps to mobilize public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

China: +1

China has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

In August 2019, the Ministry of Ecology and Environment, People's Bank of China, Banking Regulatory Commission, National Development and Reform Commission (NDRC), Ministry of Finance (MOF) and other relevant departments promoted the establishment of the Chinese Society for Environmental Society's Climate Investment and Financing Professional Committee, establishing

³⁰⁶⁰ Canada launches new climate data portal to give Canadians reliable tools to adapt to climate change, CISION (Ottawa) 15 August 2019. Access Date: 17 May 2020. <https://www.newswire.ca/news-releases/canada-launches-new-climate-data-portal-to-give-canadians-reliable-tools-to-adapt-to-climate-change-861375773.html>.

³⁰⁶¹ Government of Canada supports climate action by the Government of Yukon, Government of Canada (Ottawa) 4 March 2020. Access Date 17 May 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/government-of-canada-supports-climate-action-by-the-government-of-yukon.html>.

³⁰⁶² New climate action funding announced for Windsor law students, Government of Canada (Ottawa) 4 March 2020. Access Date 17 May 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/new-climate-action-funding-announced-for-windsor-law-students.html>.

³⁰⁶³ Government of Canada invests in aquatic habitat through the Oceans Protection Plan, Government of Canada (Ottawa) 10 March 2020. Access Date 17 May 2020. <https://www.canada.ca/en/fisheries-oceans/news/2020/03/government-of-canada-invests-in-aquatic-habitat-through-the-oceans-protection-plan.html>.

a good platform for the exchange of information in the field of climate investment and financing, industry and financial docking and international cooperation.³⁰⁶⁴

On 18 October 2019, China, India and the European Union's representatives held a meeting on rules and standards for public and private green investments. The purpose of the initiative is to harmonize rules to allow private capital move around more freely.³⁰⁶⁵

On 23 October 2019, the representatives of Chinese banks, local governments, expert community and international donors took part in the "Green Finance and Economic Transition" seminar hosted by Agence Française de Développement, the MOF, the NDRC and the China Banking and Insurance Regulatory Commission. The meeting was dedicated to promotion of investments towards low-carbon development.³⁰⁶⁶

On 26 March 2020, the World Bank approved a loan of USD300 million for China to foster green agriculture investments, development of standards and technological innovation in Henan Province. The project will foster the development of green agriculture financing standards based on globally accepted green investment principles, good practices and performance benchmarks, as applicable to China's agriculture sector.³⁰⁶⁷

China is taking steps to mobilize both public and private finance to promote climate change resilience.

Thus, China receives a score of +1.

Analyst: Alexander Ignatov

France: +1

France has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 28 August 2019, President Emmanuel Macron announced that France will double its contribution to the Green Climate Fund and allocate EUR1.548 billion to the replenishment of the Fund.³⁰⁶⁸

On 29 October 2019, the Agence française du développement (AFD) signed a memorandum of understanding with the Vietnamese Ministry of Natural Resources and Environment launching the GEMMES research program. GEMMES is General Monetary and Multisectoral Macrodynamics for

³⁰⁶⁴ China's Policies and Actions for Addressing Climate Change (2019), Ministry of Ecology and Environment of the People's Republic of China (Beijing) 04 December 2019. Access date: 24 March 2020.

<http://english.mee.gov.cn/Resources/Reports/reports/201912/P020191204495763994956.pdf>

³⁰⁶⁵ EU, China, others, team up to coordinate 'green' investment financing, Reuters 18 October 2019. Access date: 24 March 2020. <https://www.reuters.com/article/us-imf-worldbank-green-investment/eu-china-others-team-up-to-coordinate-green-investment-financing-idUSKBN1WX2IE>

³⁰⁶⁶ In Beijing, a meeting to promote green finance, AFD (Beijing) 06 November 2019. Access date: 24 March 2020. <https://www.afd.fr/en/actualites/beijing-meeting-promote-green-finance>

³⁰⁶⁷ China: Developing Green Finance in Agriculture, the World Bank (Washington) 26 March 2020. Access date: 15 May 2020. <https://www.worldbank.org/en/news/press-release/2020/03/26/china-developing-green-finance-in-agriculture>

³⁰⁶⁸ France doubles its contribution to the Green Climate Fund, Green Climate Fund (Incheon) 28 August 2019. Access date: 20 May 2020. <https://www.greenclimate.fund/news/france-doubles-its-contribution-green-climate-fund>

the Ecological Shift aimed to help make informed macroeconomic decisions regarding development and environmental issues.³⁰⁶⁹

On 26 November 2019, AFD signed an agreement with the Congolese government to support sustainable agriculture in the country's savannas and degraded forests. The project is financed by a EUR13.5 million from the Central African Forest Initiative and seeks to protect tree cover as both a precious natural habitat, and a barrier against carbon dioxide emissions.³⁰⁷⁰

On 6 January 2020, AFD launched a joint capacity-building project with the French Treasury worth EUR108 million in the marine meteorology sector in Indonesia. The objective was to address increasingly frequent extreme climate events and strengthen the resilience of coastal populations through data collection.³⁰⁷¹

On 22 January 2020, the parties to the Climate Finance Partnership (CFP) reached an agreement on the core terms and structure of their flagship blended finance investment vehicle. The parties to the CFP are France, Germany, the Hewlett and Grantham foundations, and BlackRock. CFP investments will be targeted toward select countries in South East Asia, Latin America, and Africa. Notably, investments in Africa will account for at least 25 per cent of the total capital invested. The Governments of France, through AFD, and Germany, with the KfW acting as a trustee, intend to contribute USD30 million each to the partnership.³⁰⁷²

On 24 February 2020, AFD informed on the launch of the first disaster preparedness and management tool for local government units in the Philippines. The aim of the project is to improve capacities for natural disaster risk management and climate change adaptation.³⁰⁷³

On 20 March 2020, AFD and the Mexican Ministry of Finance signed a public policy loan agreement. This loan marked the official start of a green and inclusive support program for Mexico. The objective is to help Mexico channel public and private funds into low-carbon, inclusive growth, in line with the commitments of the Paris Agreement. Besides, it would facilitate the work on risk management and resilience, particularly as it pertains to infrastructure.³⁰⁷⁴

France is taking steps to mobilize both public and private finance to promote climate change resilience.

Thus, France receives a score of +1.

Analysts: Andrey Shelepor and Irina Popova

³⁰⁶⁹ Finding climate solutions in Vietnam with Etienne Espagne, French Development Cooperation Agency (AFD) 19 November 2019. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/finding-climate-solutions-vietnam-etienne-espagne>.

³⁰⁷⁰ Protecting the Congo's forests — and the planet's air, French Development Cooperation Agency (AFD) 10 December 2019. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/protecting-congos-forests-and-planets-air>.

³⁰⁷¹ Indonesia: marine meteorology on the front lines, French Development Cooperation Agency (AFD) 6 January 2020. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/indonesia-marine-meteorology-front-lines>.

³⁰⁷² DAVOS 2020 — Climate Finance Partnership, French Development Agency (Paris) 22 January 2020. Access date: 20 May 2020. <https://www.afd.fr/en/actualites/communique-de-presse/davos-2020-climate-finance-partnership>

³⁰⁷³ Laurent Klein: "disaster risks preparedness and management are played out at the local government level", French Development Cooperation Agency (AFD) 24 February 2020. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/laurent-klein-disaster-risks-preparedness-and-management-are-played-out-local-government-level>.

³⁰⁷⁴ "Mexico is on its way to a major climate transition" — Jean-Baptiste Sabatié, French Development Cooperation Agency (AFD) 30 March 2020. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/mexico-its-way-major-climate-transition-jean-baptiste-sabatie>.

Germany: +1

Germany has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 19 September 2019, the federal government adopted the Climate Action Programme 2030. It for the first time gave the national climate targets the status of law. The program provided phasing out coal-fired electricity generation by 2038 at the latest. In order to immediately create better incentives for climate-friendly behaviour and investment, it set up new support programs and adapted existing ones. The government committed to allocating the climate package of EUR54 billion in the period up until 2023. Over time, this support will be increasingly accompanied, and partly replaced, by the regulatory framework. Complementing this, the German government also introduced carbon pricing in the transport and building sectors. During the 2021–2025 period, emissions allowances will be issued at a fixed price which will increase each year. In 2025, the German government will decide on the specifics of the national emissions trading scheme as of 2027. In the long term, the German national scheme will be incorporated into the European emissions trading system. All of the revenue from carbon pricing will be reinvested in climate-related measures, or returned to taxpayers. According to the program, by 2030 at least 65 per cent of electricity will be generated from renewable resources. One of the measures included in the program is supporting the installation of private charging stations for electric vehicles in multi-family housing by tax breaks for installation costs.³⁰⁷⁵

On 15 January 2020, the government adopted the National Bioeconomy Strategy. It lays out the guidelines and objectives of bioeconomic policy and identifies measures to implement the policy. For the strategic objectives, specific implementation goals are laid down in the fields of research promotion, framework design and overarching instruments.³⁰⁷⁶

On 16 January 2020, the government and the four federal states in which lignite is mined agreed on a roadmap to phase out coal-fired power stations. This could make it possible to complete the phase-out three years earlier than originally planned, by 2035. The government is to provide EUR40 billion to support the federal states affected.³⁰⁷⁷

Germany has mobilized both public and private finance to promote climate change adaptation and mitigation.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

India: +1

India has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 13 November 2019, India kicked off a USD43 million project to boost climate resilience in three coastal states in partnership with the United Nations Development Programme. The project is

³⁰⁷⁵ What is the Climate Action Programme 2030?, German Federal Ministry of Finance 19 September 2019. Access Date: 3 April 2020. <https://www.bundesfinanzministerium.de/Content/EN/Standardartikel/Topics/Priority-Issues/Climate-Action/2019-09-19-climate-action-programme-2030.html>.

³⁰⁷⁶ For an economy based on resource cycle management, German Federal Government 15 January 2020. Access Date: 3 April 2020. <https://www.bundesregierung.de/breg-en/issues/sustainability/bioökonomie-1712668>.

³⁰⁷⁷ Roadmap agreed for phasing out the use of coal, German Federal Government 16 January 2020. Access Date: 3 April 2020. <https://www.bundesregierung.de/breg-en/issues/sustainability/einigung-zum-kohleausstieg-1712990>.

funded by the Green Climate Fund, established within the framework of the United Nations Framework Convention on Climate Change to assist developing countries.³⁰⁷⁸

On 10 December 2019, Indian officials announced new financing approach to boost investment in clean energy during the climate talks in Madrid this week. The Indian Renewable Energy Development Agency, the country's premier public finance institution, is considering an allocation of USD20 million in seed funding to set up its pioneering "Green Window" aimed toward catalyzing private investment and expanding the Indian clean energy market. A green window is a financing approach designed leverage limited government funds to attract private capital to achieve climate and clean energy goals.³⁰⁷⁹

India has made efforts to mobilize both public and private finance to promote climate change adaptation and mitigation.

Thus, it receives a score of +1.

Analyst: Irina Popova

Indonesia: +1

Indonesia has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

In September 2019, Indonesia, officially joined Partnering for Green Growth and the Global Goals (P4G) Initiative aimed to connect and incorporate all leaders in private sector, government, and civil society organizations to deliver the nationally determined contribution under Paris Agreement and Sustainable Development Goals (SDGs) in five key areas, namely food and agriculture (SDG 2), clean water and sanitation (SDG 6), affordable clean energy (SDG 7), sustainable cities (SDG 11) and circular economy (SDG 12). P4G summits are held biannually, and Indonesia will be hosting the next summit in 2022.³⁰⁸⁰

On 23 September 2019, Vice President M. Jusuf Kalla shared Indonesia's low-carbon development policy at the Climate Action Summit, in the sidelines of the 74th United Nations General Assembly in New York. He emphasized the urgency of international cooperation in handling climate change issues by increasing financial support and technology transfer for energy transition, mitigation, and adaptation. Indonesia took part in the following initiatives released during the UN Climate Action Summit 2019:³⁰⁸¹

- Energy Storage Initiative, whereby donor countries together with World Bank Group/ESMAP in collaboration with the Climate Investment Funds, including African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank launched Energy Storage Initiative with initially USD500 million in funding. The investment program would mobilize an additional USD2 billion of public and private

³⁰⁷⁸ India gets USD 43 million from Green Climate Fund to boost climate resilience in 3 coastal states, India Today (Delhi) 13 November 2019. Access date: 19 May 2020. <https://www.indiatoday.in/india/story/green-climate-fund-to-boost-climate-resilience-india-1618650-2019-11-13>

³⁰⁷⁹ Government is committed to manage renewable energy curtailment and enhance ease of doing business, Press Information Bureau of Indian Government (Delhi) 10 December 2019. Access date: 19 May 2020. <https://pib.gov.in/PressReleseDetail.aspx?PRID=1595743>

³⁰⁸⁰ Indonesia's P4G National Platform Launch: A Decade of Partnership 13 March. 2020. Access date: 28 March 2020. <https://gaggi.org/indonesias-p4g-national-platform-launch-a-decade-of-partnership/>

³⁰⁸¹ Report of the Secretary-General on the 2019 Climate Action Summit and the Way Forward in 2020 11 December 2019. Access date: 28 March 2020. https://www.un.org/en/climatechange/assets/pdf/cas_report_11_dec.pdf

investments for approximately 17.5 GW of battery storage by 2025, thereby catalyzing a market of 200-400 GW in developing countries and accelerating cost reduction potentially by five to seven years. Indonesia will be one of the recipient countries.

- Coalition for Sustainable Energy Access, whereby national governments (including Indonesia) committed to work towards: (i) 100% access to sufficient, affordable, modern and renewable energy by all citizens in least developed countries (LDCs) by 2030; (ii) 100% electricity from renewable energy sources in all LDCs by 2050; (iii) 100% energy efficiency along the value chain by 2040. The coalition aims to benefit rural, remote and vulnerable areas in developing countries, with special emphasis on LDCs that would have high impact on universal energy access rate via off-grid from solar home systems, mini-grid, on grid expansion, intensification and densification with cooking energy and productive use with the ambition of “leaving no one behind” through mobilizing competitive energy financing.

On 26 September 2019, the World Bank reported, that its Board of Executive Directors approved a USD150 million loan for Indonesia to scale up investments in geothermal energy by reducing the risks of early-stage exploration. The loan is accompanied by USD127.5 million in grants from the Green Climate Fund and the Clean Technology Fund, two institutions supporting climate-friendly development. Geothermal energy is expected to play a significant role in reducing Indonesia's greenhouse gas emissions. As a clean and renewable energy source that provides power continuously, geothermal can reduce the country's dependence on coal-fired power and other fossil fuels. If geothermal resources can be accessed easily, costs are competitive with coal and natural gas.³⁰⁸²

On October 2019, Finance Minister Sri Mulyani Indrawati reported that Indonesia launched an agency to manage funds for climate change management as part of its efforts to meet its climate goals. The new agency is expected to start operation on 2020 and will have an initial fund of around IDR2 trillion (USD141 million). The funds will come from land reclamation payments and fines the government collects from environment criminal cases, as well as from donors. “With the establishment of this agency, we hope that donor countries and institutions will be more confident in committing to provide environmental funds,” the minister said.³⁰⁸³

On January 2020, the Indonesian government issued the country's National Medium-Term Development Plan 2020-2024, into which climate-related sustainable development issues are integrated.³⁰⁸⁴

On February 2020, the Indonesian government announced its plans to introduce a feed-in-tariff pricing scheme to boost investment in the green energy sector. The new regulation is to be implemented by June 2020.³⁰⁸⁵

Indonesia has mobilized both public and private finance to promote climate change adaptation and mitigation.

³⁰⁸² Indonesia: Scaling Up Geothermal Energy by Reducing Exploration Risks 26 September 2019. Access date: 28 March 2020. <https://www.worldbank.org/en/news/press-release/2019/09/26/indonesia-scaling-up-geothermal-energy-by-reducing-exploration-risks>

³⁰⁸³ Indonesia launches agency to manage environment funds 09 October 2019. Access date: 28 March 2020. <https://www.channelnewsasia.com/news/asia/indonesia-launch-agency-manage-environment-climate-change-funds-11985144>

³⁰⁸⁴ Indonesia's P4G National Platform Launch: A Decade of Partnership 13 March 2020. Access date: 28 March 2020. <https://ggi.org/indonesias-p4g-national-platform-launch-a-decade-of-partnership/>

³⁰⁸⁵ Indonesia to mend contract scheme to boost green energy projects 06 February 2020. Access date: 28 March 2020. <https://www.thejakartapost.com/news/2020/02/06/indonesia-to-mend-contract-scheme-to-boost-green-energy-projects.html>

Thus, it receives a score of +1.

Analyst: Pavel Doronin

Italy: +1

Italy has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 21 January 2020, Italian Ministry of Economic Development published the definitive version of the Integrated National Energy and Climate Plan, elaborated in concert with the Ministry of the Environment and Protection of Natural Resources and the Sea and the Ministry of Infrastructure and Transport. The plan, *inter alia*, provides for the creation of “resilient energy system that remains reliable through short- and mid-term climate scenarios,” reducing greenhouse gas emissions, improving energy efficiency, including through the introduction of renewable energy sources, as well as ensuring energy security. The plan also calls for the elaboration of “effective ways of attracting private investments, not just in terms of generation, but also storage facilities.”³⁰⁸⁶

Italy has taken steps to mobilize public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

Japan: +1

Japan has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 27 August 2019, the Ministry of the Environment and the World Bank signed a memorandum of cooperation to scale up the Joint Crediting Mechanism projects under Article 6 of the Paris Agreement.³⁰⁸⁷

On 5 September 2019, the Pacific Climate Change Centre of Excellence was opened in Samoa funded by the Government of Japan. The centre will be a hub for climate change information, research, and innovation, and will provide practical tools, knowledge, support and training to address the adaptation and mitigation priorities of the Asia Pacific region.³⁰⁸⁸

On 18 December 2019, the Japan International Cooperation Agency (JICA) signed a grant agreement with the Government of Vanuatu to provide grant aid of up to 1,715 billion yen for the Project for the Disaster Reconstruction of Teouma Bridge; the project will contribute to the Sustainable Development Goal (SDG) 13 Climate Action.³⁰⁸⁹

³⁰⁸⁶ Pubblicato il testo definitivo del Piano Energia e Clima (PNIEC), Italian Ministry of Economic Development (Rome) 21 January 2020. Access Date: 16 May 2020. <https://www.mise.gov.it/index.php/it/198-notizie-stampa/2040668-pniec2030>.

³⁰⁸⁷ Memorandum of cooperation between the World Bank and the Ministry of the Environment of Japan on collaboration for scaling-up of the Joint Crediting Mechanism (JCM), Japan’s MOE 27 August 2019. Access date: 23 March 2020. <https://www.env.go.jp/en/headline/2415.html>

³⁰⁸⁸ The Pacific Climate Change Centre Is Officially Open, ReliefWeb 5 September 2019. Access date: 23 March 2020. <https://reliefweb.int/report/world/pacific-climate-change-centre-officially-open>

³⁰⁸⁹ Signing of Grant Agreement with Vanuatu: Supporting the reconstruction of bridge and river training works to overcome vulnerabilities to natural disasters, JICA 18 December 2019. Access date: 23 March 2020. https://www.jica.go.jp/english/news/press/2019/20191218_11_en.html

On 21 February 2020, JICA signed an official development assistance agreement with the Government of Fiji to provide a loan up to JPY50 million to ensure reserve funds to respond to the immediate financial demands of a post-disaster recovery and the rehabilitation phase, together with mainstreaming policies related to disaster risk reduction in Fiji; the agreement will contribute to the SDG 13 Climate Action.³⁰⁹⁰

On 28 February 2020, the Joint Committee of the Joint Crediting Mechanism between Cambodia and Japan announced first issuance of credit under the mechanism; the issuance supported by the Financing Programme for the Joint Crediting Mechanism Model Projects by the Ministry of the Environment will finance introduction of ultra-lightweight solar panels for power generation at international school.³⁰⁹¹

On 9 March 2020, the Joint Committee of the Joint Crediting Mechanism between Saudi Arabia and Japan announced first issuance of credit under the mechanism; the issuance supported by the Financing Programme for the Joint Crediting Mechanism Model Projects by the Ministry of the Environment will finance introduction of high efficiency electrolyzer in Chlor-Alkali Production Plant.³⁰⁹²

Japan has mobilized both public and private finance to promote climate change adaptation and mitigation.

Thus, it receives a score of +1.

Analyst: Pavel Doronin

Korea: 0

Korea has partially complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 28 October 2019, Korea together with the other four countries pledged to add USD9.6 bln to the Green Climate Fund. Korea itself would donate USD200 million. The fund seeks to raise funds from advanced economies and allocate them to developing countries so that they can respond more effectively to climate change.³⁰⁹³

Korea is taking steps to mobilize only public finance to promote climate change resilience.

Thus, Korea receives a score of 0.

Analyst: Alexander Ignatov

Mexico: +1

Mexico has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

³⁰⁹⁰ Signing of Japanese ODA Loan with Fiji: Contributing to immediate recovery from natural disasters, together with mainstreaming disaster risk reduction, JICA 21 February 2020. Access date: 23 March 2020.
https://www.jica.go.jp/english/news/press/2019/20200221_11_en.html

³⁰⁹¹ 1st issuance of credits from the Joint Crediting Mechanism between Cambodia and Japan, Japan's MOE 28 February 2020. Access date: 23 March 2020. <https://www.env.go.jp/en/headline/2438.html>

³⁰⁹² 1st issuance of credits from the Joint Crediting Mechanism between Saudi Arabia and Japan, Japan's MOE 9 March 2020. Access date: 23 March 2020. <https://www.env.go.jp/en/headline/2437.html>

³⁰⁹³ S. Korea doubles contribution to Green Climate Fund to \$200m, the Korea Herald (Seoul) 28 October 2019. Access date: 18 May 2020. <http://www.koreaherald.com/view.php?ud=20191028000686&np=91&mp=10>

On 14 October 2019, as part of the preparatory process for 25th Conference of the Parties to the United Nations Framework Convention on Climate Change (to be held on December 2 in Chile), Mexico participated in meetings to exchange information and good practices to combat climate change, including the rules that should govern international carbon trading. In the framework of the Carbon Neutrality Country Program, Mexico explained its progress in the area of the National Emission Registry as a mandatory measurement, reporting and verification scheme for establishments subject to reporting their emissions of compounds and greenhouse gases and gave know the recent publication of the preliminary bases of the Emissions Trading System Test Program. Also, the first meeting of the signatory countries of the Escazú Agreement on Access to Information, Public Participation and Access to Justice in Environmental Matters in Latin America and the Caribbean took place, where he reaffirmed his commitment to its prompt ratification.³⁰⁹⁴

On 12 February 2020, S&P Dow Jones Indices (S&P DJI) and the Mexican Stock Exchange (BMV Group) announced that RobecoSAM will be the official score provider for S&P/BMV Environmental, Social and Governance (ESG) index products that will be created and launched in the future under the existing partnership agreement.³⁰⁹⁵

On 21 February 2020, The Federal Government of Mexico released its “SDG Sovereign Bond Framework”. It has mandated BNP Paribas, Credit Agricole CIB and Natixis (who acted as Sole SDG Sovereign Structuring Advisor) to arrange an investor roadshow in Europe^[1]. This Framework displays unique features: the use of the SDGs as entry point, a two-fold eligibility that includes geospatial criterion and an enhanced governance that involves an international organization (the UNDP) at various phases.³⁰⁹⁶

On 20 March 2020, the Agence française de développement and Mexico’s Ministry of Finance signed a public policy loan agreement. This loan marked the official start of a green and inclusive support program for Mexico. The objective is to help Mexico channel public and private funds into low-carbon, inclusive growth, in line with the commitments of the Paris Agreement. Besides, it would facilitate the work on risk management and resilience, particularly as it pertains to infrastructure.³⁰⁹⁷

Mexico has mobilized both public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

³⁰⁹⁴ México reitera su compromiso con el combate al cambio climático y la pronta ratificación del Acuerdo de Escazú, Mexican Government (Mexico City) 14 October 2019. Access date: 20 May 2020.

<https://www.gob.mx/inecc/prensa/mexico-reitera-su-compromiso-con-el-combate-al-cambio-climatico-y-la-pronta-ratificacion-del-acuerdo-de-escazu-222936?idiom=es>

³⁰⁹⁵ S&P DJI and the Mexican Stock Exchange Select RobecoSAM as the Official Score Provider for Future S&P BMV ESG Indices, SP Global 12 February 2020. Access date: 20 August 2020. <https://www.spglobal.com/spdji/en//documents/index-news-and-announcements/20190212-spdji-bmv-esg-mexico.pdf>

³⁰⁹⁶ Mexico’s SDG Bond Framework: a two-fold eligibility and unique governance, Natixis 2 March 2020. Access date: 20 August 2020. <https://gsh.cib.natixis.com/our-center-of-expertise/articles/mexico-s-sdg-bond-framework-a-two-fold-eligibility-and-unique-governance>

³⁰⁹⁷ “Mexico is on its way to a major climate transition” — Jean-Baptiste Sabatié, French Development Cooperation Agency (AFD) 30 March 2020. Access Date: 20 May 2020. <https://www.afd.fr/en/actualites/mexico-its-way-major-climate-transition-jean-baptiste-sabatie>.

Russia: +1

Russia has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 21 September 2019, Russia adopted the Paris Agreement, providing for actions to mitigate and adapt to climate change.³⁰⁹⁸

On 25 December 2019, the Russian government adopted the national action plan for the first period of climate change adaptation up to 2022. The plan provides for improving the existing and developing new economic and financial instruments, as well as insurance mechanisms for better adapting to climate change, that are expected to use both public and private financing.³⁰⁹⁹

On 27 March 2020, Russia ratified the Kigali Amendment to the Montreal Protocol. Thus, it promised to reduce the use of hydrofluorocarbons by more than 80 per cent over the next 30 years to mitigate climate change.³¹⁰⁰

Russia has mobilized both public and private finance to promote climate change adaptation and mitigation.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

Saudi Arabia: +1

Saudi Arabia has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 29 September 2019, the Saudi Industrial Development Fund announced the launch of a loan program aimed at promotion of projects in renewable sources of energy. The program will give loans of as much as SAR1.2 billion, depending on a company's ownership, targeting renewable-energy component manufacturers as well as independent production projects. The fund will also offer financing for firms in other sectors that want to start using such energy.³¹⁰¹

On 1 October 2019, Saudi Arabia commenced a renewable energy development programme offering loans for clean energy projects and the manufacturers of renewable energy components. The USD28 billion Saudi Industrial Development Fund's Mtujadeda programme is expected to help the country move from its dependence on crude oil, towards other diversified energy sources.³¹⁰²

Saudi Arabia is taking steps to mobilize both public and private finance to promote climate change resilience.

³⁰⁹⁸ Government decree of 21 September 2019 No. 1228 On Adopting the Paris Agreement, Government of Russia 21 September 2019. Access Date: 15 May 2020.

<http://static.government.ru/media/files/I0US0FqDc05omQ1VgnC8rfI6PbY69AvA.pdf>.

³⁰⁹⁹ Government order of 25 December 2019 No. 3183-r, Government of Russia 25 December 2019. Access Date: 15 May 2020. <http://static.government.ru/media/files/OTrFMr1Z1sORh5NIx4gLUsdgGHyWIAqy.pdf>.

³¹⁰⁰ Russia Ratified the Amendment to the Montreal Protocol on Substances that Deplete the Ozone Layer, Government of Russia 27 March 2020. Access Date: 15 May 2020. <http://government.ru/news/39294/>.

³¹⁰¹ Saudi Arabia Offers Loans to Develop Renewable Energy, Bloomberg 29 September 2019. Access date: 30 March 2020. <https://www.bloomberg.com/news/articles/2019-09-29/saudi-arabia-starts-offering-loans-to-develop-renewable-energy>

³¹⁰² Saudi Arabia launches \$28 billion renewable energy funding initiative, Smart Energy International (Cape Town) 01 October 2019. Access date: 30 March 2020. <https://www.smart-energy.com/industry-sectors/business-finance-regulation/saudi-arabia-launches-28-billion-renewable-energy-funding-initiative/>

Thus, Saudi Arabia receives a score of +1.

Analyst: Alexander Ignatov

South Africa: +1

South Africa has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 26 August 2019, the Development Bank of South Africa and the Green Climate Fund established a Climate Finance Facility. The new entity is said to attract private investments in green projects in Southern Africa countries. The initial capitalization of the facility reaches USD100 mln.³¹⁰³

On 2 March 2020, South Africa's Standard Bank raised USD200 million by issuing the green bonds on the London Stock Exchange. All the issued bonds were bought by a subsidiary body of the World Bank — the International Financial Corporation. The recent transaction is the largest one among all African countries. The South African Bank aims to improve access to climate finance in the country.³¹⁰⁴

South Africa is taking steps to mobilize both public and private finance to promote climate change resilience.

Thus, South Africa receives a score of +1.

Analyst: Alexander Ignatov

Turkey: 0

Turkey has partially complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 23 September 2019, President Recep Tayyip Erdogan speaking at the United Nations Climate Action Summit stressed out that climate change is a “global problem that knows no bounds.” Turkey took active part in the following initiatives released during the UN Climate Action Summit 2019:³¹⁰⁵

- The Infrastructures, Cities and Local Action coalition, led by Kenya and Turkey with the support of UN Habitat, aimed at identifying concrete solutions to address the challenge of the securing climate future and successfully implementing national climate plans, including nationally determined contributions, through decarbonization and green development of the cities;
- “Zero Carbon Buildings for All,” whereby national governments (including Turkey) along with subnational governments and other leaders committed to develop and implement policies to drive decarbonization of all new buildings by 2030 and all existing buildings by 2050. Financial partners including the International Finance Corporation, European Investment Bank, European Bank for Reconstruction and Development, African Development Bank, Investment Fund for Developing Countries) and industry partners committed to providing expert input, setting an aim to invest USD1 trillion in zero carbon buildings by 2030.

³¹⁰³ South Africa establishes Climate Finance Facility, Smart Cities World (London) 26 August 2019. Access date: 26 March 2020. <https://www.smartcitiesworld.net/news/news/southern-africa-establishes-climate-finance-facility-4516>

³¹⁰⁴ South Africa: Standard Bank Raises \$200 million in green bonds; a record, Afrik 24 (Paris) 06 March 2020. Access date: 26 March 2020. <https://www.afrik21.africa/en/south-africa-standard-bank-raises-200-million-in-green-bonds-a-record/>

³¹⁰⁵ Report of the Secretary-General on the 2019 Climate Action Summit and the Way Forward in 2020 11 December 2019. Access date: 21 March 2020. https://www.un.org/en/climatechange/assets/pdf/cas_report_11_dec.pdf

On 8 November 2019, it was reported that the Ministry for Environment and Urbanization of Turkey has initiated creation of the National Green Certificate System (YeS-TR) software infrastructure to ease access for certification of sustainable green buildings and green settlements.³¹⁰⁶

On 1 March 2020, Turkcell and ING European Financial Services plc, an affiliate of ING in Turkey, have signed a “Green Loan” agreement of EUR50 million with a five-year term. The transaction marks the longest average-maturity corporate finance deal in green loan format in Turkey. As part of the agreement, Turkcell will utilize the loan facility to finance its sustainable investments — such as renewable energy, energy efficiency, green digital services and green buildings — under the internationally recognized green loan principles.³¹⁰⁷

Turkey has taken steps to mobilize public finance to promote climate change adaptation and mitigation but no actions on mobilization of private financing were registered yet.

Thus, it is awarded a score of 0.

Analyst: Pavel Doronin

United Kingdom: +1

The United Kingdom has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 2 July 2019, the UK launched the Green Finance Strategy. The strategy brings together work from across the government, regulators and the private sector. It has three core elements: greening finance (ensuring current and future financial risks and opportunities from climate and environmental factors are integrated into mainstream financial decision making, and that markets for green financial products are robust in nature); financing green (accelerating finance to support the delivery of the UK’s carbon targets and clean growth, resilience and environmental ambitions, as well as international objectives); and capturing the opportunity (ensuring UK financial services capture the domestic and international commercial opportunities arising from the “greening of finance,” such as climate related data and analytics, and from “financing green,” such as new green financial products and services). The strategy also provided for the establishment of the Green Finance Institute (GFI) that will play an integral role in supporting delivery of the Green Finance Strategy. The GFI will foster greater cooperation between the public and private sectors, create new opportunities for investors, and strengthen the UK’s reputation as a global hub for green finance.³¹⁰⁸

On 13 July 2019, International Development Secretary Rory Stewart announced an aid package to tackle climate change across Africa. The support would help sub-Saharan African countries build resilience to climate change and develop low carbon economies. The GBP250 million climate program would work across Sub-Saharan Africa, in partnership with African governments and institutions, to increase resilience and support the transition of countries to low carbon economies. The funding will also help build technical expertise across a range of sectors to support the continent to deal with the devastating impacts of climate change and help it move to clean energy sources. It

³¹⁰⁶ Yerli Yeşil Sertifika Sistemi YeS-TR ile " Yeşil Bina" Sayısı Artacak 23 October 2019. Access date: 21 March 2020. <https://www.csb.gov.tr/yerli-yesil-sertifika-sistemi-yes-tr-ile-yesil-bina-sayisi-artacak-bakanlik-faaliyetleri-29700>

³¹⁰⁷ Turkcell And ING Signed the Longest Average-maturity Corporate Green Loan Agreement of 50 Million Euros March 11, 2020. Access date: 21 March 2020. <https://www.businesswire.com/news/home/20200311005556/en/>

³¹⁰⁸ Green finance, UK Government 2 July 2019. Access Date: 3 April 2020. <https://www.gov.uk/guidance/green-finance>.

would be the Department for International Development's (DFID's) largest single direct climate investment ever in the continent.³¹⁰⁹

On 26 August 2019, DFID and the Department for Business, Energy and Industrial Strategy pledged to contribute GBP1.44 billion to the Green Climate Fund (GCF) over the next four years. This doubles the UK's previous contribution of GBP720 million between 2014 and 2019. The GCF supports projects to protect and preserve natural, reduce emissions and help people adapt to the impacts of climate change. Since GCF programs began in 2015, the GCF has provided USD5.2 billion to fund 111 projects and mobilized over USD13.5 billion of private sector and other co-investment.³¹¹⁰

On 30 December 2019, the UK government announced backing for a new GBP5 million satellite data centre involving the universities of Edinburgh and Leeds that will use cutting-edge satellite technology to help combat climate change, including helping lower the risk of people being affected by flooding. The data centre will bring together 50 of the UK's PhD researchers to help solve climate change problems. The centre will be funded by GBP2.3 million funding over 3 years from the Natural Environment Research Council core grant with money from UK Space Agency for specific student activity support. This would be matched by GBP3.4 million additional funding from business and industry as well as the universities own funds. Measurements from satellites on rising sea levels, greenhouse gases and shrinking glaciers and forests will help provide policy makers, government and industry with the data and knowledge they need to better understand the impact of climate change and make future predictions.³¹¹¹

On 5 March 2020, Secretary of State for Business and 26th Conference of the Parties to the United Nations Framework Convention on Climate Change President Alok Sharma announced a GBP36.7 million investment to design, test and manufacture electric machines in some of the UK's most polluting industries. GBP30 million will be used to create a network of industrial centres specialising in the research and development of electric transport. The centres will bring together climate change pioneers to research and develop green electric machines including planes, ships and cars. The centres will help ensure the UK can reach net zero emissions by 2050.³¹¹²

The United Kingdom has mobilized both public and private finance to promote climate change adaptation and mitigation.

Thus, it receives a score of +1.

Analyst: Andrey Shelepor

³¹⁰⁹ UK aid's biggest ever single direct commitment to tackle climate change in Africa, UK Government 13 July 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/uk-aids-biggest-ever-single-direct-commitment-to-tackle-climate-change-in-africa>.

³¹¹⁰ UK aid doubles support to reduce global carbon emissions and help developing countries adapt to the impact of climate change, UK Government 26 August 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/uk-aid-doubles-support-to-reduce-global-carbon-emissions-and-help-developing-countries-adapt-to-the-impact-of-climate-change>.

³¹¹¹ UK satellites to help lead the fight against climate change, UK Government 30 December 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/news/uk-satellites-to-help-lead-the-fight-against-climate-change>.

³¹¹² UK Government funding creates Newport-based Industrialisation Centre to tackle climate change, UK Government 5 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/uk-government-funding-creates-newport-based-centre-of-excellence-to-tackle-climate-change>.

United States: +1

The United States has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

On 13 August 2019, the Federal Emergency Management Agency released the National Mitigation Investment Strategy. The strategy was designed to provide a national, whole-community approach to investments in mitigation activities and risk management across federal, state, tribal, territorial, and local governments and the private and non-profit sectors.³¹¹³ The three major goals of the Strategy are: “Show How Mitigation Investments Reduce Risk,” “Coordinate Mitigation Investments to Reduce Risk,” and “Make Mitigation Investment Standard Practice.”³¹¹⁴

On 15 August 2019, the Environmental Protection Agency (EPA) announced its participation in the National Mitigation Investment Strategy.³¹¹⁵

On 15 January 2020, the EPA announced its measures in response to a series of earthquakes in Puerto Rico. The EPA was working under a Federal Emergency Management Agency (FEMA) mission assignment focused on lending aid to the U.S. Army Corps of Engineers and Puerto Rico government agencies as they assessed water infrastructure. According to the EPA message, the agency was “conducting proactive and strategic engagement with its federal and public sector partners as well as the government of Puerto Rico while highlighting the foundation for a strong, resilient recovery that assures the protection of public health and the environment.”³¹¹⁶

On 15 April 2020, FEMA published a public notice of proposed policy in the Federal Register outlining the agency’s new Building Resilience Infrastructures and Communities program. The new program is designed to replace the Pre-Disaster Mitigation program. It is envisioned to support states, local communities, tribes and territories as they undertake hazard mitigation projects to reduce the risks they face from disasters while providing proactive investments in community resilience.³¹¹⁷

The United States has taken steps to mobilize public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Andrei Sakharov

European Union: +1

The European Union has fully complied with the commitment on mobilizing public and private finance to promote climate change resilience.

³¹¹³ FEMA Releases the National Mitigation Investment Strategy, FEMA (Washington) 13 August 2019. Access Date: 16 May 2020. <https://www.fema.gov/news-release/2019/08/13/fema-releases-national-mitigation-investment-strategy>.

³¹¹⁴ National Mitigation Investment Strategy, FEMA (Washington) 13 August 2019. Access Date: 16 May 2020. <https://www.fema.gov/media-library-data/1565706308412-19739d7deeca639415cc76c681cee531/NationalMitigationInvestmentStrategy.pdf>.

³¹¹⁵ U.S. EPA Announces Federal Partnership to Build Nationwide Resilience to Natural Disasters, United States Environmental Protection Agency (Washington) 15 August 2019. Access Date: 16 May 2020. <https://www.epa.gov/newsreleases/us-epa-announces-federal-partnership-build-nationwide-resilience-natural-disasters>.

³¹¹⁶ EPA Responds to Puerto Rico Earthquakes; Assessing Sites and Facilities to Help the Puerto Rico Government, United States Environmental Protection Agency (Washington) 15 January 2020. Access Date: 16 May 2020. <https://www.epa.gov/newsreleases/epa-responds-puerto-rico-earthquakes-assessing-sites-and-facilities-help-puerto-rico>.

³¹¹⁷ FEMA Publishes Public Notice for the New Building Resilient Infrastructure and Communities Grant Program, FEMA (Washington) 15 April 2020. Access Date: 16 May 2020. <https://www.fema.gov/news-release/2020/04/15/fema-publishes-public-notice-new-building-resilient-infrastructure-and>.

On 14 November 2019, the board of the European Investment Bank (EIB) agreed a new energy lending policy and confirmed the EIB's increased ambition in climate action and environmental sustainability. The EIB will end financing for fossil fuel energy projects from the end of 2021. EIB Group financing will unlock EUR1 trillion of climate action and environmental sustainable investment in the decade to 2030. The EIB Group will align all financing activities with the goals of the Paris Agreement from the end of 2020.³¹¹⁸

On 18 December 2019, the European Commission welcomed political agreement between the European Parliament and the Council on the creation of the world's first-ever "green list" — a classification system for sustainable economic activities, or taxonomy. This will create a common language that investors can use everywhere when investing in projects and economic activities that have a substantial positive impact on the climate and the environment. It will help scale up private and public investments to finance the transition to a climate-neutral and green economy, redirecting capital to economic activities and projects that are truly sustainable.³¹¹⁹

On 14 January 2020, the European Commission presented the European Green Deal Investment Plan. To achieve the goals set by the European Green Deal, the plan will mobilise at least EUR1 trillion in sustainable investments over the next decade. The European Green Deal Investment Plan has three main objectives:

- First, it will increase funding for the transition, and mobilise at least EUR1 trillion to support sustainable investments over the next decade through the EU budget and associated instruments, in particular InvestEU;
- Second, it will create an enabling framework for private investors and the public sector to facilitate sustainable investments;
- Third, it will provide support to public administrations and project promoters in identifying, structuring and executing sustainable projects.

According to the plan, InvestEU will leverage around EUR279 billion of private and public climate and environment related investments over the period 2021-2030. It will provide an EU budget guarantee to allow the EIB Group and other implementing partners to invest in more and higher-risk projects, crowding in private investors.³¹²⁰

On 10 February 2020, it was announced that small and medium-sized enterprises in Morocco will benefit from a European Bank for Reconstruction and Development credit line of up to EUR20 million to Crédit du Maroc dedicated to green investment and the development of value chains. The

³¹¹⁸ EU Bank launches ambitious new climate strategy and Energy Lending Policy, European Investment Bank (Kirchberg) 14 November 2019. Access date: 19 May 2020. <https://www.eib.org/en/press/all/2019-313-eu-bank-launches-ambitious-new-climate-strategy-and-energy-lending-policy>

³¹¹⁹ Sustainable finance: Commission welcomes deal on an EU-wide classification system for sustainable investments (Taxonomy), European Commission (Brussels) 18 December 2019. Access date: 19 May 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_19_6793

³¹²⁰ The European Green Deal Investment Plan and Just Transition Mechanism explained, European Commission (Brussels) 14 January 2020. Access date: 19 May 2020. https://ec.europa.eu/commission/presscorner/detail/en/qanda_20_24

European Union and the Green Climate Fund are providing grants to help promote and implement the credit line. In addition, borrowers will benefit from free expert advice on green investment.³¹²¹

European Union has taken steps to mobilize public and private finance to promote climate change adaptation and mitigation.

Thus, it is awarded a score of +1.

Analyst: Irina Popova

³¹²¹ European Bank for Reconstruction and Development and Crédit du Maroc boost green economy and value chains in Morocco, EU Neighbors (Brussels) 10 February 2020. Access date: 19 May 2020.

<https://euneighbours.eu/en/south/stay-informed/news/european-bank-reconstruction-and-development-and-credit-du-maroc-boost>

19. Climate Change: Innovation

“[To this end, we strive to foster]... innovation in a wide range of areas for low emissions and resilient development.”

G20 Osaka Leaders' Declaration

Assessment

	No Compliance	Partial Compliance	Full Compliance
Argentina			+1
Australia			+1
Brazil			+1
Canada			+1
China	0		
France			+1
Germany			+1
India			+1
Indonesia	0		
Italy			+1
Japan	0		
Korea			+1
Mexico	0		
Russia	0		
Saudi Arabia	0		
South Africa	0		
Turkey			+1
United Kingdom			+1
United States	0		
European Union			+1
Average	+0.60 (80%)		

Background

According to the Intergovernmental Panel on Climate Change's special report Global Warming of 1.5°C, “a changing climate leads to changes in the frequency, intensity, spatial extent, duration and timing of weather and climate extremes, and can result in unprecedented extremes.”³¹²² The report also states that “some extremes have changed as a result of anthropogenic influences, including increases in atmospheric concentrations of greenhouse gases.”³¹²³ According to Canada's National Post, G20 members are responsible for approximately 80 per cent of all greenhouse gas emissions.³¹²⁴ This commitment therefore represents the G20's collective pledge to address climate change and its adverse effects, by simultaneously reducing emissions and developing alternative pathways to resilience.

³¹²² Global Warming of 1.5°C: An IPCC Special Report, Intergovernmental Panel on Climate Change (Geneva) 8 October 2018. Access Date: 10 December 2019. <https://www.ipcc.ch/sr15/>

³¹²³ Global Warming of 1.5°C: An IPCC Special Report, Intergovernmental Panel on Climate Change (Geneva) 8 October 2018. Access Date: 10 December 2019. <https://www.ipcc.ch/sr15/>

³¹²⁴ Canada's plan to hit 2030 emission targets among the worst in G20, says report, National Post (Toronto) 11 November 2019. Access Date: 10 December 2019. <https://nationalpost.com/news/canada/canada-among-three-g20-countries-least-likely-to-hit-emissions-targets>

The 2009 Pittsburgh Summit marked the first comprehensive recognition of climate change as a critical issue for sustainable growth. While climate change had been mentioned at both the Washington and London summits, this summit represents a more in-depth consideration of the issue. Members recognized their shared interest in promoting energy security. They agreed to enhance their energy efficiency to “play an important, positive role in energy security and fighting climate change.”³¹²⁵ To achieve this, G20 leaders agreed to increase energy market transparency and improve regulatory oversight. In addition, they pledged to increase “clean and renewable energy supplies, improv[e] energy efficiency and promot[e] conservation … to protect our environment, promote sustainable growth and address the threat of climate change.”³¹²⁶

At the 2010 Seoul Summit, G20 leaders reaffirmed their commitment to “rationalize and phase-out over the medium term inefficient fossil fuel subsidies; mitigate excessive fossil fuel price volatility; safeguard the global marine environment; and combat the challenges of global climate change.”³¹²⁷ To reflect their commitment to fight climate change, they said they would “spare no effort to reach a balanced and successful outcome” at the 2010 United Nations Climate Change Conference in Cancun.³¹²⁸

At the 2011 summit in Cannes, G20 members committed to continuing their efforts for sustainability, green growth and tackling climate change. They committed to climate financing to aid developing countries in the form of USD 100 billion per year “from all sources by 2020.”³¹²⁹

At the 2012 Los Cabos Summit, the G20 committed to take action to fulfill their Rio+20 and the United Nations Framework Convention on Climate Change (UNFCCC) agreements, the Green Climate Fund, implementation of Cancun and Durban outcomes and achieving greater outcomes at the 18th Conference of the Parties.³¹³⁰ To aid developing countries, there should be methods and mechanisms to share information pertaining to sustainable development. As such, the G20 members promoted the Green Growth Knowledge Platform to support interested developing countries.³¹³¹ Ultimately, they recognized green growth and sustainable development as an essential part of prosperity and wellbeing.³¹³²

At the 2013 summit in St. Petersburg, G20 leaders stated their “common interest in developing cleaner, more efficient and reliable energy supplies” and stressed their “commitment to work together to address climate change and environment protection” through international

³¹²⁵ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0925.html#energy>

³¹²⁶ G20 Leaders Statement: The Pittsburgh Summit, G20 Information Centre (Toronto) 25 September 2009. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2009/2009communique0925.html#energy>

³¹²⁷ G20 Seoul Summit, G20 Information Centre (Toronto) 12 November 2010. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/summits/2010seoul.html>

³¹²⁸ G20 Seoul Summit, G20 Information Centre (Toronto) 12 November 2010. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/summits/2010seoul.html>

³¹²⁹ Cannes Summit Final Declaration — Building on our Common Future: Renewed Collective Action for the Benefit of All, G20 Information Centre (Toronto) 4 November 2011. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2011/2011-cannes-declaration-111104-en.html>

³¹³⁰ G20 Leaders Declaration (Los Cabos), G20 Information Centre (Toronto) 19 June 2012. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

³¹³¹ G20 Leaders Declaration (Los Cabos), G20 Information Centre (Toronto) 19 June 2012. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

³¹³² G20 Leaders Declaration (Los Cabos), G20 Information Centre (Toronto) 19 June 2012. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2012/2012-0619-loscabos.html>

cooperation.³¹³³ As such, they pledged their support for full implementation of the UNFCCC outcomes, and the Green Climate Fund.

At the 2014 Brisbane Summit, G20 members reaffirmed their commitment to the UNFCCC outcomes. They also stated their support for “mobilising finance for adaptation and mitigation, such as the Green Climate Fund.”³¹³⁴ Additionally, they agreed that increased collaboration on energy was a “priority,” and stressed the need to adopt energy efficiency, and cost-effective methods of sustainable growth and energy security.³¹³⁵

At the 2015 Antalya Summit, the G20 recognized climate change as “one of the greatest challenges of our time.”³¹³⁶ G20 members acknowledged both climate change and energy efficiency as important goals. They agreed to increase investments in clean energy technologies in order to combat change, improve energy efficiency, and to “rationalize and phase-out inefficient fossil fuel subsidies that encourage wasteful consumption.”³¹³⁷ Moreover, they also affirmed the below 2°C goal in the Lima Call for Action, and underscored their “commitment to reach an ambitious agreement in Paris.”³¹³⁸ G20 members submitted their Intended Nationally Determined Contributions to the UNFCCC.³¹³⁹

At the 2016 Hangzhou Summit, G20 leaders reaffirmed their commitment to strong and effective action against climate change and their support for the Paris Agreement and the Green Climate Fund. They stressed the importance of developed countries providing financial assistance to developing countries to adopt the Paris outcomes. They also stated that they looked forward to more successful multilateral outcomes from the Montreal Protocol.³¹⁴⁰

At the 2017 Hamburg Summit, G20 members declared their resolve to tackle issues facing the global community such as climate change, because “a strong economy and a healthy planet are mutually reinforcing.”³¹⁴¹ As such, members agreed to adopt and promote low greenhouse gas emission energy systems and collaborate closely and consistently with the 2030 Agenda for Sustainable Development.³¹⁴² The 2030 Agenda marks a milestone because each member acknowledged its role both domestically and internationally in sustainability. Despite the withdrawal of the United States

³¹³³ G20 Leaders’ Declaration (St. Petersburg), G20 Information Centre (Toronto) 6 September 2019. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

³¹³⁴ G20 Leaders’ Communiqué (Brisbane), G20 Information Centre (Toronto) 16 November 2014. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

³¹³⁵ G20 Leaders’ Communiqué (Brisbane), G20 Information Centre (Toronto) 16 November 2014. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2014/2014-1116-communique.html>

³¹³⁶ G20 Leaders’ Communiqué (Antalya), G20 Information Centre (Toronto) 16 November 2015. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

³¹³⁷ G20 Leaders’ Communiqué (Antalya), G20 Information Centre (Toronto) 16 November 2015. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

³¹³⁸ G20 Leaders’ Communiqué (Antalya), G20 Information Centre (Toronto) 16 November 2015. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

³¹³⁹ G20 Leaders’ Communiqué (Antalya), G20 Information Centre (Toronto) 16 November 2015. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2015/151116-communique.html>

³¹⁴⁰ G20 Leaders’ Communiqué: Hangzhou Summit, G20 Information Centre (Toronto) 5 September 2016. Access date: 20 November 2019. <http://www.g20.utoronto.ca/2016/160905-communique.html>

³¹⁴¹ G20 Leaders’ Declaration: Shaping an Interconnected World (Hamburg), G20 Information Centre (Toronto) 8 July 2017. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

³¹⁴² G20 Leaders’ Declaration: Shaping an Interconnected World (Hamburg), G20 Information Centre (Toronto) 8 July 2017. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

from the Paris Agreement, the other G20 members reiterated their support for it, stating its “irreversibility” and the importance of its implementation.³¹⁴³

At the 2018 Buenos Aires Summit, the G20 noted the importance of the recent IPCC special report and adaptation strategies such as implementing disaster resilient infrastructure.³¹⁴⁴ Moreover, members recognized the utility of renewables, technologies and infrastructure for job creation and cleaner and sustainable energy.³¹⁴⁵

At the 2019 Osaka Summit, G20 members recognized the need to use innovative methods to mitigate climate change, promote resilient development and bring about a paradigm shift, especially in vulnerable communities.³¹⁴⁶ To achieve these ends, G20 members were encouraged to “look into clean technologies and approaches, including small cities, ecosystem and community based approaches, nature based solutions and traditional and indigenous knowledge.”³¹⁴⁷ G20 members reaffirmed the Paris Agreement’s irreversibility and their determination to implement it fully. Accordingly, they pledged to “update and maintain” their Nationally Determined Goals to meet necessary goals.³¹⁴⁸

Commitment Features

G20 members committed to “strive to foster innovation in a wide range of areas for low emissions and resilient development.” In this commitment, the requirement has two parts: 1) to foster innovation in a wide range of areas for low emissions and 2) to foster innovation in a wide range of areas for resilient development.

To “foster” is defined as “to encourage the development of something.”³¹⁴⁹ As “foster” essentially means encouragement, compliance can be achieved through supporting and implementing new policies or initiatives domestically and internationally that aim to reduce emissions and bring about resilience

“Innovation” is defined as “a new idea method or device,” and “the introduction of something new.”³¹⁵⁰ As such, for this commitment, it is understood as the creation or adoption of new strategies, policies or initiatives. Science and technology play an important role in mitigating the

³¹⁴³ G20 Leaders’ Declaration: Shaping an Interconnected World (Hamburg), G20 Information Centre (Toronto) 8 July 2017. Access date: 20 November 2019. <http://www.g20.utoronto.ca/2017/2017-G20-leaders-declaration.html>

³¹⁴⁴ G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development (Buenos Aires), G20 Information Centre (Toronto) 1 December 2018. Access date: 20 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

³¹⁴⁵ G20 Leaders’ Declaration: Building Consensus for Fair and Sustainable Development (Buenos Aires), G20 Information Centre (Toronto) 1 December 2018. Access date: 20 November 2019. <http://www.g20.utoronto.ca/2018/2018-leaders-declaration.html>

³¹⁴⁶ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

³¹⁴⁷ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

³¹⁴⁸ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

³¹⁴⁹ Compliance Coding Manual for International Institutional Commitments, G7 and G20 Research Groups (Toronto) 6 August 2019. Access Date: 19 April 2020. http://www.g7.utoronto.ca/compliance/Compliance_Coding_Manual_2019.pdf?fbclid=IwAR1EisalLpZOrbCX3Vq0ErUGIttS04d29Or0P_bq5s_EZ3GMniZA2QlaquM

³¹⁵⁰ Innovation, Merriam Webster (Springfield) Access Date: 19 April 2020. <https://www.merriam-webster.com/dictionary/innovation>

effects of climate change. Innovation therefore means the creation of technology or policies that either offset or reduce emissions or leads to resilient development.

“A wide range of areas” is understood as wide-ranging, meaning “extensive in scope; comprehensive.³¹⁵¹ This aspect of the commitment means that members are encouraged to take a variety of approaches. Accordingly, this part of the commitment needs to be quantified. In order for compliance to be wide-ranging, the threshold is set for at least three unique actions dedicated to fostering low emissions and resilience.

“Low emissions” is understood as continued efforts to meet the goals set out by the Paris Agreement. The Paris Agreement signatories agreed to keep the rise in global temperature below 2°C above pre-industrial levels, and take additional efforts to limit to 1.5°C.³¹⁵² Actions taken that contravene this part of the commitment, meaning any encouragement to utilize methods that do not promote low emissions, shall be considered negative compliance.

“Resilient development” is understood as developing a capacity to recover from adverse climate change disasters and/or effects in order to reduce vulnerability. In this commitment, this refers to building measures to reduce risk in vulnerable communities both domestically and internationally.³¹⁵³

In order to be awarded full compliance, G20 members must foster innovation in a wide range of areas, at least three in each regard, for innovation in low emissions and resilient development. Examples of a wide range of areas to foster both innovation for low emissions and resilient development includes, but is not limited to, fostering “clean technology and approaches including, smart cities, ecosystem and community-based approaches, nature based solutions and indigenous knowledge.”³¹⁵⁴ Specifically, actions that foster low emissions may include investment in renewable energy or low-carbon technology, but may also include increasing carbon sink capacity.³¹⁵⁵ Actions that foster resilient development might include investment in disaster reduction and recovery, such as “building flood defences, setting up early warning systems for cyclones and switching to drought-resistant crops, to redesigning communication systems, business operations and government policies.”³¹⁵⁶ To achieve partial compliance, or a score of 0, the G20 member must either take measures to foster innovation in a wide range of areas for low emissions OR resilient development. Non-compliance, a score of -1, will be obtained by those G20 members who do not take measures to foster innovation in a wide range of areas for low emissions NOR do they take measures to foster innovation in a wide range of areas for resilient development.

³¹⁵¹ Wide-ranging, Merriam-Webster (Springfield) Access Date 19 April 2020. <https://www.merriam-webster.com/dictionary/wide-ranging>

³¹⁵² The Paris Agreement, United Nations Framework Convention on Climate Change. Access Date: 20 November 2019. <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>

³¹⁵³ Disaster Risk and Resilience, United Nations (New York) Access Date: 10 December 2019. https://www.un.org/en/development/desa/policy/untaskteam_undf/thinkpieces/3_disaster_risk_resilience.pdf

³¹⁵⁴ G20 Osaka Leaders’ Declaration, G20 Information Centre (Toronto) 29 June 2019. Access Date: 20 November 2019. <http://www.g20.utoronto.ca/2019/2019-g20-osaka-leaders-declaration.html>

³¹⁵⁵ Renewable Energy Sources and Climate Change Mitigation: Summary for Policymakers and Technical Summary, Intergovernmental Panel on Climate Change (Geneva). Access Date: 21 April 2020. https://www.ipcc.ch/site/assets/uploads/2018/03/SRREN_FD_SPM_final-1.pdf

³¹⁵⁶ What do adaptation to climate change and climate resilience mean?, United Nations Framework Convention on Climate Change (Bonn). Access Date: 21 April 2020. <https://unfccc.int/topics/adaptation-and-resilience/the-big-picture/what-do-adaptation-to-climate-change-and-climate-resilience-mean>

Scoring Guidelines

-1	G20 member has not taken measures to foster innovation in a wide range of areas for low emissions OR resilient development.
0	G20 member has EITHER taken measures to foster innovation in a wide range of areas for low emissions OR resilient development.
+1	G20 member has taken measures to foster innovation in a wide range of areas for low emissions AND resilient development.

*Compliance Director: Kaylin Dane
Lead Analyst: Wayne George*

Argentina: +1

Argentina has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 2 July 2019, Argentina, together with Israel and the Keren Kayemet Leisrael, carried out a conversation about innovation for environmental water management. Secretary of National Environment Sergio Bergman stressed the need for Argentina to change the governance matrix of the water, as water management is significant to sustainable development and care for the environment.³¹⁵⁷

On 16 July 2019, the Ministry of Environment and Sustainable Development presented the Early Drought Information and Early Warning System in the southwest of Buenos Aires, as an initiative to address the problem of fragile soils in the semi-arid regions of the country. It provides reports which allow access to climate information three months in advance and thus be prepared for the occurrence of natural disasters, mitigating their impacts.³¹⁵⁸

On 22 August 2019, President Mauricio Macri offered the President of Brazil Jair Bolsonaro support and assistance for the severe fire disasters affecting the Amazon region. To help fight the fires and offer assistance, Argentina offered over 200 personnel with equipment, members of the National System for Comprehensive Risk Management.³¹⁵⁹

On 30 August 2019, the National System for Comprehensive Risk Management, the Ministry of Foreign Affairs and Worship, and the Armed Forces coordinated in order to fight against the wildfires in Bolivia. A group of 227 people and logistical support equipment is expected to Santa Cruz de la Sierra.³¹⁶⁰

On 27 September 2019, the governments of Argentina and Japan signed a memorandum of cooperation to boost the development of hydrogen as a pollution-free energy source during the

³¹⁵⁷ Innovation for environmental water management in the second Argentine-Israeli cooperation meeting, Ministry of Environment and Sustainable Development (Buenos Aires) 2 July 2019. Access Date: 8 February 2020.

<https://www.argentina.gob.ar/noticias/la-innovacion-para-la-gestion-ambiental-del-agua-en-el-segundo-encuentro-de-cooperacion>

³¹⁵⁸ Ambiente presented a tool to alert about droughts in the southwest of Buenos Aires, Ministry of Environment and Sustainable Development (Buenos Aires) 17 July 2019. Access Date: 8 February 2020. <https://www.argentina.gob.ar/noticias/ambiente-presento-una-herramienta-para-alertar-sobre-sequias-en-el-sudoeste-bonaerense>

³¹⁵⁹ Argentina supports Brazil over Amazon fires, Ministry of Foreign Affairs, International Trade and Worship (Buenos Aires) 24 August 2019. Access Date: 8 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/argentina-supports-brazil-over-amazon-fires>

³¹⁶⁰ Wildfires in Bolivia: Assistance from Argentina, Ministry of Foreign Affairs, International Trade and Worship (Buenos Aires) 30 August 2019. Access Date: 8 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/wildfires-bolivia-assistance-argentina>

Second Hydrogen Energy Ministerial Meeting. The meeting seeks to strengthen collaboration in promoting hydrogen as an alternative energy source, and the memorandum will promote investments in the sustainable energy field.³¹⁶¹

On 21 October 2019, the Ministry of Environment and Sustainable Development supported an initiative to reduce greenhouse gases in the local livestock sector in the province of Salta, within the framework of the annual meeting of the EuroCLIMATE Program. It facilitates the development of climate change mitigation policies in the local livestock sector, which has initiated an expansion process with technologies of high environmental impact.³¹⁶²

On 27 November 2019, the Ministry of Environment and Sustainable Development formalized the first National Plan for Climate Change Adaptation and Mitigation through Resolution 447/2019. It aims to help meet the objectives of the Paris Agreement and the National Sectoral Action Plans for Energy, Transport, Agriculture, Industry, Health, Infrastructure and Territory and Forests. It responds to the need to cope with the challenges of climate change.³¹⁶³

On 20 December 2019, the Ministry of Environment and Sustainable Development, headed by Juan Cabandie, announced that Law No. 27520 of Minimum Climate Change Budgets had been formalized.³¹⁶⁴ It ensures the permanence in time of the National Climate Change Cabinet and positions the treatment of climate change as a state policy. Through this, the National Congress establishes the minimum budgets for the proper management of climate change, as well as establishing “instruments and strategies for mitigation and adaptation to climate change.”³¹⁶⁵

On 20 February 2020, the Ministry of Environment and Sustainable Development participated the 11th Meeting of Science-Political Interface of the United Nations Convention to Combat Desertification. The convention aims to support the sustainable development actions conducted in the country. The ministry focused on increasing national capacities through consolidating the environmental commitments and strengthening the regional representation in decision-making.³¹⁶⁶

On 26 February 2020, Minister of Environment and Sustainable Development Juan Cabandie had a bilateral meeting with Portugal’s Minister of Environment and Climate Action Joao Pedro Matos Fernandes. The meeting was to discuss issues of “climate change; air quality; water and sanitation;

³¹⁶¹ Argentina and Japan to work together in development of hydrogen as clean fuel, Ministry of Foreign Affairs, International Trade and Worship (Buenos Aires) 27 September 2019. Access Date: 8 February 2020. <https://www.cancilleria.gob.ar/en/announcements/news/argentina-and-japan-work-together-development-hydrogen-clean-fuel>

³¹⁶² Promote an initiative to reduce greenhouse gases in the livestock sector in Salta, Ministry of Environment and Sustainable Development (Buenos Aires) 21 October 2019. Access Date: 8 February 2020. <https://www.argentina.gob.ar/noticias/promueven-una-iniciativa-para-reducir-los-gases-de-efecto-invernadero-del-sector-ganadero>

³¹⁶³ Ambiente drew up the National Climate Change Adaptation and Mitigation Plan, Ministry of Environment and Sustainable Development (Buenos Aires) 27 November 2019. Access Date: 8 February 2020. <https://www.argentina.gob.ar/noticias/ambiente-elaboro-el-plan-nacional-de-adaptacion-y-mitigacion-al-cambio-climatico>

³¹⁶⁴ The Minimum Climate Change Budget Law was formalized, Ministry of Environment and Sustainable Development (Buenos Aires) 20 December 2019. Access Date: 8 February 2020. <https://www.argentina.gob.ar/noticias/se-oficializa-la-ley-de-presupuestos-minimos-de-cambio-climatico>

³¹⁶⁵ The Minimum Climate Change Budget Law was formalized, Ministry of Environment and Sustainable Development (Buenos Aires) 20 December 2019. Access Date: 8 February 2020. <https://www.argentina.gob.ar/noticias/se-oficializa-la-ley-de-presupuestos-minimos-de-cambio-climatico>

³¹⁶⁶ Technical meeting in Germany against desertification, Ministry of Environment and Sustainable Development (Buenos Aires) 26 February 2020. Access Date: 22 March 2020. <https://www.argentina.gob.ar/noticias/la-proteccion-de-la-vida-silvestre-amenazada-como-politica-transversal>

integrated management of coastal areas; national parks and protected areas; sustainable consumption and production; sustainable development and innovation; sustainable soil and forest management; conservation and protection of biodiversity; integral management of social waste; rational management of chemicals and substances; control and supervision; environmental education and citizen participation [and] sustainable cities.”³¹⁶⁷ The cooperation between the two nations will be materialized through the exchange, visits, technical support, and projects.³¹⁶⁸

On 13 March 2020, the Ministry of Environment and Sustainable Development participated in the institutional workshop of “Incorporation of biodiversity conservation criteria in sectoral and intersectoral public policies and programs to safeguard the wildlife threatened in Argentina,” a project of the United Nations Development Programme.³¹⁶⁹ The project is to promotes balanced development with the conservation of threatened wildlife species. The workshop aimed to reach the consensus with various provincial and national actors about the lines of works that should be done for the project.³¹⁷⁰

Argentina has fully complied with its commitment to foster innovation in a wide range of areas for low emissions through its focus on hydrogen as a pollution-free energy source, EuroCLIMATE Program and collaboration with Portugal and Japan. Further, it has strived to foster innovation in a wide range of areas for resilient development through its Information and Early Warning System, its fire management aid Brazil and Bolivia, and its National Plan for Adaptation and Mitigation of Climate Change.

Thus, Argentina receives a score of +1.

Analyst: Eunbi Lee

Australia: +1

Australia has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 30 June 2019, the Australian Renewable Energy Agency (ARENA) committed a budget of approximately AUD1.44 billion for renewable energy initiatives, with the purpose of promoting clean energy technologies that can remain competitive in supply markets. Up to AUD110 million of the budget will be made available to accelerate and secure the delivery of a new solar thermal power generation facility in Port Augusta.³¹⁷¹

³¹⁶⁷ Water Management: Cabandie received his Portuguese counterpart Joao Pedro Matos Fernandes, Ministry of Environment and Sustainable Development (Buenos Aires) 28 February 2020. Access Date: 22 March 2020. <https://www.argentina.gob.ar/noticias/gestion-del-agua-cabandie-recibio-su-par-portugues-joao-pedro-matos-fernandes>

³¹⁶⁸ Water Management: Cabandie received his Portuguese counterpart Joao Pedro Matos Fernandes, Ministry of Environment and Sustainable Development (Buenos Aires) 28 February 2020. Access Date: 22 March 2020. <https://www.argentina.gob.ar/noticias/gestion-del-agua-cabandie-recibio-su-par-portugues-joao-pedro-matos-fernandes>

³¹⁶⁹ Protection of threatened wildlife as a cross-cutting policy, Ministry of Environment and Sustainable Development (Buenos Aires) 13 March 2020. Access Date: 22 March 2020. <https://www.argentina.gob.ar/noticias/la-proteccion-de-la-vida-silvestre-amenazada-como-politica-transversal>

³¹⁷⁰ Protection of threatened wildlife as a cross-cutting policy, Ministry of Environment and Sustainable Development (Buenos Aires) 13 March 2020. Access Date: 22 March 2020. <https://www.argentina.gob.ar/noticias/la-proteccion-de-la-vida-silvestre-amenazada-como-politica-transversal>

³¹⁷¹ Clean Energy and the Electricity Market, Department of Industry, Science, Energy, and Resources (Canberra) November 2019. Access Date: 8 February 2020. <https://www.energy.gov.au/government-priorities/energy-supply/clean-energy-and-the-electricity-market>

On 7 August 2019, Minister for Agriculture, Drought and Emergency Management David Littleproud hosted the third Drought Roundtable on how to deal with future droughts. Littleproud stated that they will “move towards resilience rather than reliance, leveraging the AUD5 billion Future Drought Fund.”³¹⁷²

On 17 September 2019, Minister Littleproud announced the creation of the Future Drought Fund Consultative Committee. Starting at AUD3.9 billion, the government will be adding onto it until it reaches AUD5 billion. The committee will seek to develop mechanisms for drought-vulnerable communities to “plan and prepare for drought and sustain their livelihoods and communities.” The project will be spearheaded by individuals with backgrounds in “agricultural economics, managing climate risk, rural and regional development and natural resource management.”³¹⁷³

On 3 October 2019, Minister Littleproud released the AUD2.7 million Regional Weather and Climate Guide for farmers. As part of the government’s Drought Assistance Package, it aims at guiding farmers on how to cope with climate risks and opportunities such as “rainfall and temperature trends, frost risk, when to expect the wet season, and the nature of local droughts, floods and heatwaves.”³¹⁷⁴

On 10 October 2019, Australia launched a joint initiative of the Green Building Council of Australia and the Property Council of Australia to establish governance reports intended to “galvanise action in Australia’s buildings, which are currently responsible for almost a quarter of our national carbon emissions and half of our electricity use.” The program currently funds research and development initiatives, as well as green energy initiatives in the public sphere that foster compliance and monitoring of energy and waste regulations.³¹⁷⁵

On 17 October 2019, the government’s Education Investment Fund announced the new phase of their low-impact carbon dioxide drilling plant. The government has invested AUD25 million into the Otway Geological Storage and Monitoring Demonstration Project, which has developed new carbon secure storage technology designed to capture carbon dioxide from high content natural gas wells using novel membrane and adsorbent materials. The project works to reduce the investment cost of capturing methane during the process of natural gas extraction, reducing the financial barriers for companies that wish to repurpose the methane produced throughout their industrial activities.^{3176,,3177}

On 18 November 2019, United States Assistant Secretary of State for Energy Resources Francis Fannon and Australian Ambassador Joe Hockey signed a memorandum of understanding on energy

³¹⁷² Taking the sting out of future droughts, Department of Agriculture, Drought and Emergency Management (Canberra) 7 August 2019. Access Date: 2 April 2020. <https://minister.awe.gov.au/littleproud/media-releases/taking-sting-out-of-future-droughts>

³¹⁷³ Future Drought Fund Consultative Committee, Department of Agriculture, Drought and Emergency Management (Canberra) 17 September 2019. Access Date: 3 April 2020. <https://minister.awe.gov.au/littleproud/media-releases/future-drought-fund-consultative-committee>

³¹⁷⁴ Climate guides help farmers weather the risk, Department of Agriculture, Water and the Environment (Canberra) 3 October 2019. Access Date: 3 April 2020. <https://minister.awe.gov.au/littleproud/media-releases/climate-guides-farmers-weather-risks>

³¹⁷⁵ Industry’s practical plan to lower emissions and deliver practical savings, Greenbuilding Plan Australia (Canberra) 29 November 2019. Access Date: 8 February 2020. <https://new.gbca.org.au/news/gbca-news/making-every-building-count-industrys-practical-plan-lower-emissions-and-deliver-practical-savi/>

³¹⁷⁶ Drilling Complete as Part of Research to Develop Low Cost, Low Impact CO2 Monitoring, CO2CRC (Canberra) 18 September 2019. Access Date: 8 February 2020. <http://www.co2crc.com.au/drilling-complete-part-research-develop-low-cost-low-impact-co2-monitoring/>

³¹⁷⁷ \$100m Otway Research Facility, CO2CRC (Canberra) September 2019. Access Date: 8 February 2020. <http://www.co2crc.com.au/otway-research-facility-2/>

mineral resources. The goals are to: “1) promote responsible and sustainable mining practices in the energy mineral sector, 2) support resilient supply chains of energy minerals by facilitating trade and industry connectivity, 3) establish measures to meet expected demand for clean energy technologies.”³¹⁷⁸

On 19 November 2019, the Minerals Council of Australia announced AUD150 million of funding designated towards a new iteration of their Carbon Capture Plant. Coal 21 has developed full-scale abatement in underground mines, capturing ventilation air flow in order to abate the production of methane. As it stands, the project aims to consolidate the abatement of 98 per cent of the methane produced in developing coal mines with the use of Chemical Looping technology. Since March 2019, it has successfully established small-scale operations that utilized the methane consumed in coal production in order to repurpose its energy usage.^{3179,3180}

On 22 November 2019, the government committed AUD995.2 million to current phases of the CarbonNet Project, which aims to cover multiple sources of carbon dioxide captured from industrial plants and power stations in the province of Victoria. The carbon dioxide will be transported via pipelines offshore into deep sub-sea formations, reducing Australia’s net carbon dioxide emissions into the atmosphere, and securing energy storage mechanisms.³¹⁸¹

On 23 January 2020, ARENA initiated the development of its East Rockingham Resource Recovery Facility, designed to process up to 330,000 tonnes of residual waste per annum, thus recovering enough energy to produce an estimated 28.9 MW of power. It will also filter over 30,000 tonnes of bio-solids from the Perth metropolitan area every year, and produce around 12,000 tonnes of flue gas treatment residuals. Developed by ARENA in conjunction with the New Energy Corporation, Hitachi Zosen Inova Australia and Tribe Infrastructure Group, the project to establish a large-scale Energy from Waste facility will be the second of its kind to be opened in Australia.³¹⁸²

On 12 February 2020, Australia launched its Renewable Energy for Process Heat Opportunity Study, with the aim of accelerating the adoption of renewable energy in industrial and commercial process heating. The project will involve integrating renewable energy technologies into existing industrial and commercial heating processes, with a focus on agriculture, dairy, food and beverage manufacturing, and industrial production of textiles/leather. The initiative also aims to provide non-thermal technologies such as induction, mechanical vapour recompression, and solar energy.³¹⁸³

On 13 February 2020, Minister Littleproud announced how it would use its AUD3.9 billion Drought Resilience Funding Plan. It would prioritize both resilience and preparedness while simultaneously

³¹⁷⁸ United States and Australia Sign MoU on Critical Energy Minerals, US Department of State (Washington) 18 November 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-australia-sign-mou-on-critical-energy-minerals/>

³¹⁷⁹ Centennial Coal: Methane Reduction Demonstration, COAL21 (Canberra) 2019. Access Date: 8 February 2020. <https://coal21.com/projects/current/centennial-coal-methane-reduction-demonstration/>

³¹⁸⁰ COAL21 Announces Funding for Australia’s first Carbon Capture Hub, COAL21 (Canberra) 2019. Access Date: 8 February 2020. <https://coal21.com/wp-content/uploads/2019/11/191119COAL21-Announces-Funding-for-Australia%20%99s-first-Carbon-Capture-Hub.pdf>

³¹⁸¹ Carbon Capture Storage Flagships, Department of Industry, Science, Energy, and Resources (Canberra) 5 December 2019. Access Date: 8 February 2020. <https://www.industry.gov.au/funding-and-incentives/carbon-capture-storage-flagships>

³¹⁸² East Rockingham Resource Recovery Facility, Australian Renewable Energy Agency (Canberra) 23 January 2020. Access Date: 23 March 2020. <https://arena.gov.au/projects/east-rockingham-resource-recovery-facility/>

³¹⁸³ Renewable Energy for Process Heat Opportunity Study, Australian Renewable Energy Agency (Canberra) 12 February 2020. Access Date: 23 March 2020. <https://arena.gov.au/projects/renewable-energy-for-process-heat-opportunity-study-phase-2/>

bolstering production and profits. Additionally, the government will reinvest another AUD100 million a year until it reaches AUD5 billion.³¹⁸⁴

On 25 February 2020, Minister Littleproud stated Australia will be investing over AUD2.9 million in new technology as part of the Smart Farming Partnerships Program. This program is designed to “help protect fragile ecosystems such as the Great Barrier Reef, Murray-Darling and coastal lake systems.”³¹⁸⁵

On 26 February 2020, Australia announced the new construction team responsible for expanding the Snowy Mountains Project, which was devised with the intent to provide additional hydro-electric power generation and storage capacity, and “support for the development of a second electricity transmission interconnector between Tasmania and the mainland.”³¹⁸⁶ The plans will provide the single biggest renewable energy source in Southern Australia’s power grid, and include the assembly of thermal energy structures in order to mitigate the dam’s environmental impacts.³¹⁸⁷ The new designed consortium is tasked with building the project known as Snowy 2.0, which will expand its energy intake to two thousand megawatts, connecting two existing water reservoirs in Kosciuszko National Park.³¹⁸⁸

On 6 March 2020, the Province of Tasmania announced its plan to build a powerplant devised towards the use of hydrogen within the production of energy, establishing a future path for renewable energy in Tasmania. In addition, the Tasmanian government also declared its intention of establishing fast-charging equipment for electric vehicles at 12 new sites by the end of 2020. As part of its commitment, the Tasmanian government pledged over AUD50 million in funding, subsidized power, concessional loans, and tax breaks for future green hydrogen developments in the province.³¹⁸⁹

On 11 March 2020, Australia initiated the construction of Energy Freedom Solar Electric Vehicle Pilot, which draws AUD2 million of its total AUD7.65 million budget from federal funding. The project is developed in conjunction with the private sector, with the help of the Applied Electric Vehicles Pty Ltd. It aims to produce an energy efficient, autonomous electric vehicle that will incorporate a solar photovoltaic roof and lithium-ion battery system into its technology.³¹⁹⁰

On 18 March 2020, ARENA renewed its commitment to support renewable energy initiatives, announcing new power plants for hydrogen-based energy production. Researchers have produced a National Hydrogen Roadmap, establishing its efforts towards a renewable hydrogen industry that

³¹⁸⁴ Putting the Future Drought Fund to work, Department of Agriculture, Water and the Environment (Canberra) 13 February 2020. Access Date: 3 April 2020. <https://minister.awe.gov.au/littleproud/media-releases/future-drought-fund>

³¹⁸⁵ Millions for environmental innovation in horticulture, Department of Agriculture, Water and the Environment (Canberra) 25 February 2020. Access Date: 3 April 2020. <https://minister.awe.gov.au/littleproud/media-releases/smart-farming-environmental-hort>

³¹⁸⁶ Climate Solutions Package, Department of Agriculture, Water and the Environment (Canberra) 5 March 2019. Access Date: 8 February 2020. <http://climatechangeauthority.gov.au/sites/prod.climatechangeauthority.gov.au/files/Australian%20climate%20change%20policies%20-%20stocktake.pdf>

³¹⁸⁷ Climate Solutions Package, Department of Agriculture, Water and the Environment (Canberra) 5 March 2019. Access Date: 8 February 2020. <http://climatechangeauthority.gov.au/sites/prod.climatechangeauthority.gov.au/files/Australian%20climate%20change%20policies%20-%20stocktake.pdf>

³¹⁸⁸ World-Class Designers Chosen for Snowy 2.0, Tractebel (Canberra) 26 February 2020. Access date: 23 March 2020. <https://tractebel-engie.com/en/news/2020/world-class-designers-chosen-for-snowy-2-0>

³¹⁸⁹ Inside the Liberal State Stepping into a Low-Emissions Future, The Guardian (London) 6 March 2020. Access Date: 23 March 2020. <https://www.theguardian.com/australia-news/2020/mar/07/inside-the-liberal-state-stepping-into-a-low-emissions-future>

³¹⁹⁰ Energy Freedom Solar Electric Vehicle Pilot, Australian Renewable Energy Agency (Canberra) 11 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/projects/energy-freedom-solar-electric-vehicle-pilot/>

reduces emissions in high-temperature sectors, especially in the transport sphere. ARENA's National Hydrogen Roadmap also entails an executive report, where Australia's energy ministers voiced their intentions to increase public funding for Australia's research and development sector in the roadmap, which currently stands at AUD22.1 million.³¹⁹¹

On 18 March 2020, Australia communicated the take-off of its Hydrogen Energy Supply Chain Project. It is a joint project between the governments of Australia and Japan, and has been devised in order to provide a secure and clean source of energy by improving systems that convert synthetic gas, in the form of carbon monoxide, into hydrogen.³¹⁹² Although still in its initial stages, the project has already presented over AUD70 million in public funding towards its aim to establish renewable hydrogen into a residential gas grid.³¹⁹³

On 19 March 2020, Australia launched the Yara Pilbara Renewable Ammonia Feasibility Study. This initiative consists of a research project towards large-scale renewable hydrogen and renewable ammonia production, and the government officials announced that it is officially taking place at a facility on the Burrup Peninsula, Western Australia. The renewable hydrogen produced will displace 30,000 tonnes per year of hydrogen, that would otherwise have been produced using fossil fuels. Yara's objective is to provide blended hydrogen, which will subsequently be converted to ammonia and sold for further processing by electrolyzers.³¹⁹⁴

On 20 March 2020, ARENA began phase 1 of the construction of its new Solar Power Plant. The project entails a budget of over AUD6 million for the year of 2020, with the aim of developing utility-scale solar and storage technology. Upon its finalization, the new plant is expected to provide low-cost, long-duration storage option for Australian consumers. In addition, the plant will be able to store a total of 50 MW every 17 hours, providing an alternative source to coal and gas-fired power stations.³¹⁹⁵

On 24 March 2020, the government introduced new projects endowed with public funding from its Emission's Reduction Fund.³¹⁹⁶ The government is supplying over AUD2 billion in funding for the Australian Government's Emissions Reduction Fund over the next 10 years, which is projected to contribute an additional 103 million tons of carbon dioxide equivalent reductions by 2030. The government's Emissions Reduction Fund allows organizations and individuals to register projects to reduce their emissions, and registers initiatives within the fields of agriculture, land, energy, transportation, industry, and waste sectors.³¹⁹⁷

³¹⁹¹ Hydrogen Energy, Australian Renewable Energy Agency (Canberra) 18 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/renewable-energy/hydrogen/>

³¹⁹² Hydrogen Energy Supply Chain Pilot Project, Department of Industry, Science, Energy, and Resources (Canberra) 25 November 2019. Access Date: 8 February 2020. <https://www.industry.gov.au/funding-and-incentives/hydrogen-energy-supply-chain-pilot-project>

³¹⁹³ Australia's renewable hydrogen industry prepares for take off, ArenaWire (Canberra) 18 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/blog/australias-renewable-hydrogen-industry-prepares-for-take-off/>

³¹⁹⁴ Yara Pilbara Renewable Ammonia Feasibility Study, Energy Freedom Solar Electric Vehicle Pilot, Australian Renewable Energy Agency (Canberra) 19 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/projects/yara-pilbara-renewable-ammonia-feasibility-study/>

³¹⁹⁵ Solar Power Plant Phase 1, Australian Renewable Energy Agency (Canberra) 20 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/projects/solar-power-plant-phase-1/>

³¹⁹⁶ Emissions Reduction Fund Project Register, Australian Government Clean Energy Regulator (Canberra) 24 March 2020. Access Date: 24 March 2020. <http://www.cleanenergyregulator.gov.au/ERF/project-and-contracts-registers/project-register/project-register-changes-since-last-update>

³¹⁹⁷ Australia's Climate Change Policies at the Australian and Territory Government Levels: a Stocktake, Climate Change Authority (Canberra) March 2019. Access Date: 8 February 2020. <http://climatechangeauthority.gov.au/sites/prod.climatechangeauthority.gov.au/files/Australian%20climate%20change%20policies%20-%20stocktake.pdf>

Australia has fully complied with its commitment to foster a wide range innovation for lower emissions through its investment in renewables and green energy, its CarbonNet Project and its investment in carbon capture and sequestration technology. Further, it has fully complied with its commitment to foster resilient development through its investment in the Future Drought Fund, Regional Weather and Climate Guide for Farmers and Smart Farming Partnerships Program.

Thus, Australia receives a score of +1.

Analyst: Lucy Faria

Brazil: +1

Brazil has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 2 September 2019, the Ministry of Infrastructure plans to hold their annual socio-economic seminar on Transport Infrastructure called Via Viva. The seminar features government representatives, international organizations, the Public Ministry, the Judiciary, and members of academia. The annual seminar is a forum to discuss current best practices, ways to innovate and create new technologies, and economic and policy reforms to maximize climate action in Brazil.³¹⁹⁸

On 16 September 2019, on the International Day for the Preservation of the Ozone Layer, the Ministry of the Environment released its objectives to protect the ozone layer, particularly the targets of the Brazilian HCFC Elimination Program. The program intends to adopt a series of strategies to encourage consumers of Ozone-Depleting Substances to adopt more sustainable practices. The Ministry released that Brazil is on track to reach its 2020 target of reducing the consumption of hydrochlorofluorocarbons (HCFCs), one of the primary substances responsible for the elimination of the ozone layer. Brazil has already achieved a decrease of 37.75 per cent of HCFCs, which is just below the 39 per cent target for 2020; and 501.04 tonnes of ozone destruction potential was reduced, and this path forecasts complete elimination of HCFCs by 2040.³¹⁹⁹

On 18 October 2019, the Ministry of the Environment announced that Brazil is on track to achieve CO₂ emissions target for 2020. The projection was published by the Sustainable Development Objective (SDG) in the Applied Economic Institute. Brazil's objective is to emit 1,977 million tons of carbon dioxide equivalent, and the study concluded that it is a feasible target if there are no unforeseen amendments to national policy.³²⁰⁰

On 26 October 2019, Brazil attended the 29th BASIC meeting in Beijing, with delegates from China, South Africa and India. In preparation for 25th Conference of the Parties to the United Nations Framework Convention on Climate Change, they acknowledged climate change and "confirmed their commitments to multilateralism in order to address the issue and to foster climate resilience and promote greenhouse gas emissions reduction."³²⁰¹ They also emphasized their commitment to the implementation of the Paris Agreement and support of other developing countries in doing so as

³¹⁹⁸ Via Viva, Socio-Environmental Seminar on Transport Infrastructure, Via Viva 2019 (Brasilia) 25 March 2019. Access Date: 25 March 2019. <http://viaviva.infraestrutura.gov.br/sobre-o-evento/>

³¹⁹⁹ Actions To Protect Ozone, Ministry of Environment (Brasilia) 13 September 2019. Access Date: 25 March 2019. <https://www.mma.gov.br/informmma/item/15617-a%C3%A7%C3%B5es-para-protoger-o-oz%C3%B4nio.html>

³²⁰⁰ Brazil Close to Meeting CO₂ Reduction Target in 2020, Ministry of Environment (Brasilia) 21 October 2019. Access Date: 25 March 2019. <https://www.mma.gov.br/informmma/item/15650-brasil-perto-de-cumprir-meta-de-redu%C3%A7%C3%A3o-de-co2-em-2020.html>

³²⁰¹ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020. <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

well as they are the most vulnerable to climate change repercussions.³²⁰² Additionally, the BASIC group encouraged funding to the Green Climate Fund to support developing countries as they adapt.³²⁰³ The Green Climate Fund sets out to “help developing countries reduce their greenhouse gas emissions and enhance their ability to respond to climate change.”³²⁰⁴

On 20 November 2019, the Ministry of the Environment and the governors of the nine states that compose the Legal Amazon deliberated measures to encourage regional sustainable development and prevent environmental crimes. The primary pillars of the national plan include land regularization, ecological-economic zoning, payment for environmental services, creation of a bioeconomy, and criminalization of illegal deforestation.³²⁰⁵

On 10 December 2019, Minister of the Environment Ricardo Salles spoke at the United Nations Conference on Climate Change, states that the implementation of Article 6 of the Paris Agreement is an imperative step for developed countries to demonstrate its commitment to developing countries. Article 6 calls for “market mechanisms that support the implementation of carbon emission cut commitments.”³²⁰⁶

On 21 January 2020, the Minister of the Environment affirmed that the Council of the Amazon will be collaborating with the Secretariat of the Amazon to develop sustainable development policies for the region.³²⁰⁷

Brazil has fully complied with its commitment to foster innovation in a wide range of areas for low emissions through its Via Viva Seminar, Brazilian HCFC Elimination program, and is on track to meet its carbon dioxide reduction goals for 2020. It has strived to foster innovation in a wide range of areas for resilient development through its Amazon conservation efforts in the form of the Legal Amazon’s national plan and the Amazon Council collaboration, and as a member of the Green Climate Fund.

Thus, Brazil receives a score of +1.

Analyst: Margaret de Leon

Canada: +1

Canada has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

³²⁰² Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.
<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³²⁰³ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.
<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³²⁰⁴ About GCF, Green Climate Fund (Songdo). Access Date: 3 April 2020.
<https://www.greenclimate.fund/about/contact>

³²⁰⁵ Ministry of Environment and Governors of the Legal Amazon Launch Pact for Result Environmentalism, Ministry of the Environment (Brasilia) 10 December 2019. Access Date: 25 March 2019.
<https://www.mma.gov.br/informma/item/15661-minist%C3%A9rio-do-meio-ambiente-e-governadores-da-amaz%C3%A9nia-legal-ian%C3%A7am-pacto-pelo-ambientalismo-de-resultado.html>

³²⁰⁶ Salles Demands Implementation of the Paris Agreement at CoP 25, Ministry of the Environment (Brasilia) 10 December 2019. Access Date: 25 March 2019. <https://www.mma.gov.br/informma/item/15668-salles-cobra-implementa%C3%A7%C3%A3o-do-acordo-de-paris-na-cop-25.html>

³²⁰⁷ Amazon Council and Amazon Secretariat to Work Together, says Environment, Ministry of the Environment (Brasilia) 22 January 2020. Access Date: 25 March 2019. <https://www.mma.gov.br/informma/item/15685-conselho-da-amaz%C3%A9nia-e-secretaria-da-amaz%C3%A9nia-ir%C3%A3o-trabalhar-juntos,-diz-ministro-do-meio-ambiente.html>

On 3 July 2019, the federal government of Canada through the Environmental Damages Fund awarded more than CAD2.4 million for 22 community-based environmental restoration projects in Alberta, British Columbia, Newfoundland and Labrador, Nova Scotia, Nunavut, Ontario, Quebec, and Saskatchewan. The goal is to protect nature and ensure court-awarded penalties for environmental violations.³²⁰⁸

On 3 July 2019, Minister of Environment and Climate Change Catherine McKenna announced up to CAD250,000 in funding through the government's Climate Action Fund to Clean Air Partnership. The goal is to "engage residents in climate action and support healthy lifestyles by increasing opportunities for cycling in Markham with more bicycles, workshops, tools, and repair clinics."³²⁰⁹

On 11 July 2019, Minister McKenna announced CAD4.7 million to fund nine climate change research projects. The goal is to "advance the knowledge of the role forests play, accelerate innovation in energy-efficient cooling technologies, and improve the understanding of how carbon interacts with the forests, wetlands, and oceans."³²¹⁰

On 12 July 2019, Minister McKenna announced CAD1.3 million in funding in support for climate action by the City of Winnipeg. The funding will: "1) expand the Brady Road Resource Management Facility landfill gas capture system, 2) expand Winnipeg's collection system for polluting gas from landfills and upgrade existing wells, 3) reduce methane emissions."³²¹¹

On 17 July 2019, the government announced it is investing CAD6.4 million in 22 First Nations-led projects through the Indigenous Guardians Pilot Program. The projects will enable First Nations to take action to protect clean air and clean water, fight climate change, and protect a healthy environment for all.³²¹²

On 24 July 2019, Minister of Transport Marc Garneau announced that the government is renewing the Federal Contaminated Sites Action Plan for another 15 years and investing CAD1.16 billion from 2020 to 2024. The goal is to continue to "remediate contaminated sites — improving the health of the environment, fueling economic growth, and creating jobs."³²¹³

On 26 July 2019, Minister McKenna announced CAD200,000 in funding through the federal government's Climate Action Fund to ilinniapaa Skills Development Centre. This funding will help

³²⁰⁸ Canada supporting Canadian solutions to protect nature through 22 projects across the country, Environment and Climate Change Canada (Dartmouth) 3 July 2019. Access Date: 2 February 2020.

<https://www.canada.ca/en/environment-climate-change/news/2019/07/canada-supporting-canadian-solutions-to-protect-nature-through-22-projects-across-the-country.html>

³²⁰⁹ Canada supports climate education and awareness by Clean Air Partnership, Environment and Climate Change Canada (Toronto) 3 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/canada-supports-climate-education-and-awareness-by-clean-air-partnership.html>

³²¹⁰ Canada is investing in important climate change research, Environment and Climate Change Canada (Victoria) 11 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/canada-is-investing-in-important-climate-change-research.html>

³²¹¹ Government of Canada supports climate action by the City of Winnipeg, Environment and Climate Change Canada (Winnipeg) 12 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/government-of-canada-supports-climate-action-by-the-city-of-winnipeg.html>

³²¹² Canada invests \$6.4 million to support First Nations leadership in conservation, Environment and Climate Change Canada (Ottawa) 17 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/canada-invests-64-million-to-support-first-nations-leadership-in-conservation.html>

³²¹³ Government of Canada invests \$1.16 billion to continue cleaning up contaminated sites, Environment and Climate Change Canada (Victoria) 24 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/government-of-canada-invests-116-billion-to-continue-cleaning-up-contaminated-sites.html>

“increase awareness about climate change in Nunavut by educating Inuit youth, students, and businesses. iSDC will share information on how people can reduce their energy consumption, provide tips on energy conservation, and talk about how we can all take climate action in our lives.”³²¹⁴

On 7 August 2019, Minister McKenna announced CAD1.06 million in funding over three years for ten projects to restore and protect the Great Lakes. The projects will address issues such as toxic algae blooms in Lake Erie and restoring aquatic habitat in the bays and coastal wetlands of Toronto’s Tommy Thompson Park.³²¹⁵

On 7 August 2019, Minister McKenna announced up to CAD125,000 in funding through the Climate Action Fund to the International Institute for Sustainable Development. The funding will help Manitoba companies identify and capitalize on low-carbon business opportunities.³²¹⁶

On 7 August 2019, Member of Parliament for Winnipeg South and Parliamentary Secretary to the Minister for Women and Gender Equality Terry Duguid announced up to CAD35,000 for the Winnipeg-based Green Action Centre. The funding to help schools and Indigenous communities in Manitoba educate on food waste can help fight climate change and reduce carbon emissions.³²¹⁷

On 9 August 2019, Minister McKenna announced an investment of up to CAD600,000 under the Innovative Solutions Canada Program for four new projects. The goal of these projects is to help businesses to come up with new ideas to solve problems regarding sustainability in the agricultural sector to secure a strong economy in light of extreme weather caused by climate change.³²¹⁸

On 13 August 2019, Minister McKenna announced up to CAD10 million from the partnerships stream of the Low Carbon Economy Fund to support projects that reduce greenhouse gas emissions for small and medium-sized businesses with up to 499 employees. The goal is to “help businesses across the country cut pollution through projects like retrofits, methane capture in municipal waste, switching to cleaner fuels and more efficient business operations, or greener ways to heat or cool existing buildings.”³²¹⁹

³²¹⁴ Canada invests in climate education and awareness in Nunavut, Environment and Climate Change Canada (Iqaluit) 26 July 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/07/canada-invests-in-climate-education-and-awareness-in-nunavut.html>

³²¹⁵ Government of Canada invests to restore and protect Great Lakes, Environment and Climate Change Canada (Hamilton/Burlington) 7 August 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-invests-to-restore-and-protect-great-lakes.html>

³²¹⁶ Government of Canada supports climate education and awareness by International Institute for Sustainable Development, Environment and Climate Change Canada (Winnipeg) 7 August 2019. Access Date: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-supports-climate-education-and-awareness-by-international-institute-for-sustainable-development.html>

³²¹⁷ Government of Canada supports climate action by Green Action Centre, Environment and Climate Change Canada (Winnipeg) 7 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-supports-climate-action-by-green-action-centre.html>

³²¹⁸ Canada supports innovative solutions for agricultural and Environmental Challenges, Environment and Climate Change Canada (Ottawa) 9 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/canada-supports-innovative-solutions-for-agricultural-and-environmental-challenges.html>

³²¹⁹ Government of Canada supporting small and medium-sized businesses through the Low Carbon Economy Fund, Environment and Climate Change Canada (Ottawa) 13 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-supporting-small-and-medium-sized-businesses-through-the-low-carbon-economy-fund.html>

On 14 August 2014, Minister McKenna announced the government is providing funding as part of the Canada Nature Fund to “protect important wildlife habitat, conserve and restore wetlands, and expand protected areas on Prince Edward Island.”³²²⁰

On 16 August 2019, Minister McKenna announced over CAD2.6 million over three years to support 34 new EcoAction Community Funding Program projects across Canada. The goal of these projects is to help protect and conserve Canada’s freshwater resources.³²²¹

On 19 August 2019, Minister McKenna announced the first in a series of 67 conservation initiatives launching in every province and territory, as part of Canada’s Nature Legacy initiative. These projects are “supported by the CAD175 million federal Canada Nature Fund’s Target 1 Challenge, to expand a connected network of protected and conserved areas across Canada.”³²²² One use of the funds will be to grant CAD4.3 million to support 49 new conservation projects across Canada, over the next three years. The goal is to “protect priority places, species, and sectors and recovering multiple land-based species at risk and their ecosystems.”³²²³ There will also be CAD7.6 million in funding granted to help the University of British Columbia with its biomass expansion project. The goal is to increase the University’s renewable energy capacity and meet the increasing demand of a growing campus while reducing emissions.³²²⁴ Minister McKenna also announced CAD119,000 for Student Energy, through the federal Climate Action Fund. This funding will “help Student Energy develop a program to support jobs for young people in climate change fields.”³²²⁵

On 22 August 2019, Minister McKenna joined the Government of Yukon and First Nations partners to support the Peel Watershed Regional Land Use Plan, “which creates new protected and conserved areas to safeguard the watershed and the wildlife that call it home.” This will also help Canada double the amount of nature it is protecting.³²²⁶

On 27 August 2019, Minister McKenna announced the launch of the Energy Savings Rebate program to help make climate action affordable for Ontarians. Through this program, “a total of

³²²⁰ The Government of Canada expands protected areas in Prince Edward Island, Environment and Climate Change Canada (Charlottetown) 14 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/the-government-of-canada-expands-protected-areas-in-prince-edward-island.html>

³²²¹ The Government of Canada supports community action to protect and conserve freshwater resources, Environment and Climate Change Canada (Ottawa) 16 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/the-government-of-canada-supports-community-action-to-protect-and-conserve-freshwater-resources.html>

³²²² Canada’s \$175 million investment in nature kicks off conservation projects in every province and territory, Environment and Climate Change Canada (Victoria) 19 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/canadas-175-million-investment-in-nature-kicks-off-conservation-projects-in-every-province-and-territory.html>

³²²³ Canada invests \$4.3 million in local conservation projects to protect species, Environment and Climate Change Canada (Victoria) 19 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/canada-invests-43-million-in-local-conservation-projects-to-protect-species-at-risk.html>

³²²⁴ Government of Canada supports climate action by the University of British Columbia, Environment and Climate Change Canada (Vancouver) 19 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-supports-climate-action-by-the-university-of-british-columbia.html>

³²²⁵ Canada supports climate-related jobs and training for students, Environment and Climate Change Canada (Vancouver) 19 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/canada-supports-climate-related-jobs-and-training-for-students.html>

³²²⁶ Government of Canada supports Government of Yukon and First Nations in protecting nature in Peel watershed, Environment and Climate Change Canada (Mayo) 22 August 2019. Date Accessed: 2 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/08/government-of-canada-supports-government-of-yukon-and-first-nations-in-protecting-nature-in-peel-watershed.html>

CAD200 million of support over two years will be provided to Ontario retailers to offer up to 25 per cent off the purchase price of specific energy-saving products. These products can help Ontarians reduce their energy use by up to 60 per cent more than using the standard models.”³²²⁷

On 3 September 2019, Minister McKenna announced CAD2.4 million for Enterprise Indorama PTA Montreal SEC. The funds will be used for the installation of new equipment and clean technology to manage the safe recovery and reuse of organic compounds. The goal of this is to reduce carbon pollution.³²²⁸ She also announced CAD80,000 to Nature Canada through the Climate Action Fund. The funds will be used to hold a national conference for Canada’s leading conservation agencies. The goal is to discuss climate change and mitigate its effects by preserving nature and ecosystems.³²²⁹ In addition, Minister of Fisheries, Oceans, and the Canadian Coast Guard Jonathon Wilkinson announced CAD 50,000 for the Fraser Basin Council. The goal is to develop an interactive online platform for young Canadians to discuss climate change and how it has impacted them.³²³⁰

On 4 September 2019, Minister McKenna announced CAD3 million in funding to Centre de Traitement de la Biomasse de la Montérégie Inc. The goal of the funds is to help the company transform organic waste into renewable energy and biofertilizer. This will help to improve air and water quality, reduce greenhouse gas emissions, and improve soil quality.³²³¹

On 4 September 2019, Minister McKenna announced CAD14,³³⁹ for Carbon Conversation TO. The goal of the funds is to empower young people to create a dialogue about climate change and reduce their carbon footprint.³²³²

On 4 September 2019, Minister McKenna announced funds of CAD80,000 will be given to Climate Smart. This will be used to improve the company’s carbon-mapping tool which they use to inform small and medium-sized businesses about their carbon footprint in New Brunswick. The goal is to help these businesses reduce their emissions and save money.³²³³

³²²⁷ Canada announces new Energy Saving Rebate program to help Ontarians save money and fight climate change, Environment and Climate Change Canada (Toronto) 27 August 2019. Date Accessed: 2 February 2020.

<https://www.canada.ca/en/environment-climate-change/news/2019/08/canada-announces-new-energy-savings-rebate-program-to-help-ontarians-save-money-and-fight-climate-change.html>

³²²⁸ Government of Canada supports climate action by Enterprise Indorama PTA Montreal S.E.C., Environment and Climate Change Canada (Montreal) 3 September 2019. Date Accessed: 3 February 2020.

<https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-enterprise-indorama-pta-montreal-sec.html>

³²²⁹ Government of Canada supports climate action by Nature Canada, Environment and Climate Change Canada (Ottawa) 3 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-nature-canada.html>

³²³⁰ Government of Canada supports climate action by Fraser Basin Council, Environment and Climate Change Canada (Burnaby) 3 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-fraser-basin-council.html>

³²³¹ Government of Canada supports climate action by the Centre de Traitement de la Biomasse de la Montérégie Inc., Environment and Climate Change Canada (Saint-Pie) 4 September 2019. Date Accessed: 3 February 2020.

<https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-the-centre-de-traitement-de-la-biomasse-de-la-monteregie-inc.html>

³²³² Government of Canada supports climate action by Carbon Conversation TO empowering young people to fight climate change, Environment and Climate Change Canada (Toronto) 4 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-carbon-conversations-to-empowering-young-people-to-fight-climate-change.html>

³²³³ Government of Canada supports climate action by Climate Smart, Environment and Climate Change Canada (Vancouver) 4 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-climate-smart.html>

On 4 September 2019, Minister McKenna announced that the federal government would be investing CAD8 million in 52 projects across the country working towards species conservation. The aim is to achieve sustainable protection for at-risk species.³²³⁴

On 5 September 2019, Parliamentary Secretary to the Minister of Environment and Climate Change and Member of Parliament for Central Nova Sean Fraser announced that the federal government will be providing CAD14 million to the province of Nova Scotia. The goal of these funds is to protect and conserve nature and restore wetlands.³²³⁵

On 5 September 2019, Minister McKenna announced CAD75,710 in funds to the Saskatchewan Environmental Society to develop the Saskatchewan Low Carbon Stories project. The objective is to help people in rural Saskatchewan share their low carbon business solutions.³²³⁶

On 5 September 2019, Minister McKenna announced funds of CAD140,000 will be given to the New Brunswick Environmental Network. The goal is to help teachers educate all Canadians about the realities of climate change, and climate resiliency, adaptation and sustainable living.³²³⁷

On 5 September 2019, Minister McKenna announced funds of CAD145,000 will be given to Vivre en Ville for its project Building with Climate Change. The goal of the project is to help developers “adopt good practices in emissions reduction and climate change adaptation and implement sustainable building projects.”³²³⁸

On 5 September 2019, Minister McKenna announced CAD100,000 will be granted to Envirocentre. The goal of the funds is to help the company develop the series “Let’s Talk Green Economy” for Ottawa businesses. This will help expand their awareness of climate change and how to take action.³²³⁹

On 5 September 2019, Minister of Environment, Forestry and Fisheries Barbara Creecy and Minister McKenna signed a memorandum of understanding to cooperate on environmental and climate issues. These issues include “fighting climate change, increasing environmental compliance and enforcement, improving chemicals and waste management, protecting biodiversity and enhancing

³²³⁴ Canada funds 52 new projects to protect and recover species at risk, Environment and Climate Change Canada (Toronto) 4 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/canada-funds-52-new-projects-to-protect-and-recover-species-at-risk.html>

³²³⁵ Canada makes investment in protecting nature across Nova Scotia, Environment and Climate Change Canada (Musquodoboit Harbour) 5 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/canada-makes-investment-in-protecting-nature-across-nova-scotia.html>

³²³⁶ Government of Canada supports climate action by Saskatchewan Environmental Society, Environment and Climate Change Canada (Saskatoon) 5 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-saskatchewan-environmental-society.html>

³²³⁷ Government of Canada supports climate education by New Brunswick Environmental Network, Environment and Climate Change Canada (Moncton) 5 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-education-by-new-brunswick-environmental-network.html>

³²³⁸ Government of Canada supports climate action by Vivre en Ville, Environment and Climate Change Canada (Quebec) 5 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-vivre-en-ville.html>

³²³⁹ Government of Canada supports climate action by Envirocentre, Environment and Climate Change Canada (Ottawa) 5 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-envirocentre.html>

conservation, and combating marine litter and plastics policy,” and utilizing technology for clean economic growth.³²⁴⁰

On 6 September 2019, Minister McKenna announced the federal government will provide CAD10 million over two years to the North American Waterfowl Management Plan. The goal is to protect wetlands and migratory birds, especially those species that are at risk.³²⁴¹ She also announced CAD97,100 in funding for Agriculture in the Classroom Saskatchewan. The aim is to “connect kids to the environment and foster awareness of sustainability and climate change.”³²⁴² In addition, CAD3 million in funding will be granted to Climate Smart. The goal of the funds will be to help four participating businesses reduce their greenhouse gas emissions and save energy.³²⁴³

On 7 September 2019, Member of Parliament for West Vancouver – Sunshine Coast – Sea to Sky Country and Parliamentary Secretary to the Minister of Foreign Affairs Pamela Goldsmith-Jones announced there would be CAD10,000 in funding granted to the Gibson Marine Education Centre. The goal of the funds is to educate Canadians using a blend of scientific and traditional knowledge about climate change and teach them how to build a healthier environment.³²⁴⁴

On 10 September 2019, Minister McKenna announced that the Government of Canada would be providing CAD4.7 million in funds to the Government of Nunavut to establish the Agguttinni Territorial Park. The creation of this park will conserve large sources of freshwater, cultural sites, and preserve habitat for endangered species.³²⁴⁵

On 10 December 2019, Minister of Environment and Climate Change Jonathon Wilkinson announced that the government would contribute CAD5 million to support the Partnership for Market Implementation at the 25th Conference of the Parties to the United Nations Framework Convention on Climate Change. The aim is to help developing countries introduce carbon pricing tools.³²⁴⁶

³²⁴⁰ South Africa and Canada agree to cooperate on environmental protection and climate change, Department of Environmental Affairs (Pretoria) 5 September 2019. Access Date: 3 April 2020.

https://www.environment.gov.za/mediarelease/southafricaandcanada_environmentalprotection_climatechange_memorandumofunderstanding

³²⁴¹ The Government of Canada invests to protect wetlands and migratory birds, Environment and Climate Change Canada (Ottawa) 6 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/the-government-of-canada-invests-to-protect-wetlands-and-migratory-birds.html>

³²⁴² Government of Canada supports climate education and awareness by Agriculture in the Classroom Saskatchewan, Environment and Climate Change Canada (Saskatoon) 6 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-education-and-awareness-by-agriculture-in-the-classroom-saskatchewan.html>

³²⁴³ Government of Canada supports climate action by Climate Smart, Environment and Climate Change Canada (Ajax) 6 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/government-of-canada-supports-climate-action-by-climate-smart0.html>

³²⁴⁴ Canada empowering young people to fight climate change through supports for Gibsons Marine Education Centre, Environment and Climate Change Canada (Gibsons) 7 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/canada-empowering-young-people-to-fight-climate-change-through-support-for-gibsons-marine-education-centre.html>

³²⁴⁵ Canada invests in conservation projects in Nunavut, Environment and Climate Change Canada (Ottawa) 10 September 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/09/canada-invests-in-conservation-projects-in-nunavut.html>

³²⁴⁶ Canada announces support for new carbon-pricing initiative at COP25, Environment and Climate Change Canada (Madrid) 10 December 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/12/canada-announces-support-for-new-carbon-pricing-initiative-at-cop25.html>

On 17 December 2019, Minister Wilkinson announced CAD8.5 million in funds will be given to the University of Calgary to support energy-saving projects. The goal is to reduce energy consumption in buildings on campus.³²⁴⁷

On 18 December 2019, United States Assistant Secretary of State for Energy Resources Francis Fannon and Canadian Associate Deputy Minister of Natural Resources Shawn Tupper signed a Memorandum of Understanding on energy mineral resources. The goals are to: “1) promote responsible and sustainable mining practices in the energy mineral sector, 2) support resilient supply chains of energy minerals by facilitating trade and industry connectivity, 3) establish measures to meet expected demand for clean energy technologies.”³²⁴⁸

On 20 December 2019, Minister Wilkinson announced that the Government of Canada “will launch a strategic assessment to provide guidance on how future new thermal coal mine projects will be assessed under the Impact Assessment Act.”³²⁴⁹ The goal of this is to help with the transition of phasing out traditional coal-fired power by 2030.³²⁵⁰

On 20 January 2020, Minister Wilkinson announced that funds of CAD100,000 will be given to Assiniboine Park Conservancy and Eco-West Canada. The goal of Assiniboine Park Conservancy is to help young Canadians influence positive change on the environment. The goal of Eco-West Canada is to help small and medium-sized entrepreneurs create climate action and resiliency plans.³²⁵¹

On 10 February 2020, Minister Wilkinson announced CAD200,000 will be provided to the Youth Climate Lab from the federal Climate Action Fund. The funding will be used to develop the FutureXChange program to engage young Canadians to create their own climate projects that employ Traditional Knowledge. These participants then spread across the country as Community Activators to help create local climate initiatives in their own communities and reach over 150,000 Canadians.³²⁵²

On 11 February 2020, Member of Parliament for Peterborough-Kawartha Maryam Monsef announced that up to CAD6 million will be granted from the federal government to the City of Peterborough to support their climate change initiatives. The funds will be used to develop new

³²⁴⁷ Government of Canada announces support for energy savings at University of Calgary, Environment and Climate Change Canada (Calgary) 17 December 2019. Date Accessed: 3 February 2020.

<https://www.canada.ca/en/environment-climate-change/news/2019/12/government-of-canada-announces-support-for-energy-savings-at-university-of-calgary.html>

³²⁴⁸ United States and Canada Sign Memorandum of Understanding on Critical Energy Minerals, US Department of State (Washington) 18 December 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-canada-sign-memorandum-of-understanding-on-critical-energy-minerals/>

³²⁴⁹ Canada launches strategic assessment of thermal coal mining, Environment and Climate Change Canada (Gatineau) 20 December 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/12/canada-launches-strategic-assessment-of-thermal-coal-mining.html>

³²⁵⁰ Canada launches strategic assessment of thermal coal mining, Environment and Climate Change Canada (Gatineau) 20 December 2019. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2019/12/canada-launches-strategic-assessment-of-thermal-coal-mining.html>

³²⁵¹ New Climate Action Funding Announced for Youth and Businesses in Manitoba, Environment and Climate Change Canada (Winnipeg) 20 January 2020. Date Accessed: 3 February 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/01/new-climate-action-funding-announced-for-youth-and-businesses-in-manitoba.html>

³²⁵² Government of Canada announces support for Youth Climate Lab, Environment and Climate Change Canada (Vancouver) 10 February 2020. Date Accessed: 20 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/02/government-of-canada-announces-support-for-youth-climate-lab.html>

composting centres to limit the amount of organic waste in landfills and expand the current Green Bin program in the city.³²⁵³

On 18 February 2020, Minister Wilkinson announced that the federal government will provide CAD250,000 to the Assembly of First Nations Yukon Region. The funding will be used to hold a gathering to empower First Nations to take the lead in climate action in the Yukon territory. This will be done through encouraging youth leadership and exploring new solutions for energy usage throughout communities.³²⁵⁴

On 20 February 2020, Minister Wilkinson and Prince Edward Island's Minister of Environment, Water and Climate Change Brad Trivers announced that CAD1.4 million in federal funding will be provided to the government of Prince Edward Island. The goal of this funding is to help the province conserve 4400 hectares of vital habitat and protect existing conserved areas. It will also help protect endangered species in these protected areas.³²⁵⁵

On 21 February 2020, Minister of Health Patty Hajdu announced that the federal government will provide CAD100,000 to Science North from the Climate Action Fund. The goal of the funds is to teach indigenous students about climate change throughout the province of Ontario. This will be done through hands-on school projects and through events that teach them how to take action to confront climate change.³²⁵⁶

On 21 February 2020, Minister Wilkinson announced that two conservation agreements between British Columbia and the West Moberly and Saulteau First Nations have been met. The agreements aim to recover the population of Southern Mountain Caribou in the region and protect the current numbers. The goal of the agreements is to reverse the damage due to industrialization (endangering the caribou population) and is a part of greater conservation efforts across Canada.³²⁵⁷

On 4 March 2020, Member of Parliament for Saint John-Rothesay Wayne Long announced that the City of Saint John in New Brunswick will receive up to CAD4 million in federal funding. The money will be used as an investment in the construction of new heating and cooling systems that rely on renewable, clean energy for a large commercial complex containing various buildings. The project

³²⁵³ Government of Canada announces support for the City of Peterborough's Climate Action Initiatives, Environment and Climate Change Canada (Peterborough) 11 February 2020. Date Accessed: 20 March 2020.

<https://www.canada.ca/en/environment-climate-change/news/2020/02/government-of-canada-announces-support-for-the-city-of-peterboroughs-climate-action-initiatives.html>

³²⁵⁴ Government of Canada supports climate action by the Assembly of First Nations Yukon Region, Environment and Climate Change Canada (Whitehorse) 18 February 2020. Date Accessed: 20 March 2020.

<https://www.canada.ca/en/environment-climate-change/news/2020/02/government-of-canada-supports-climate-action-by-the-assembly-of-first-nations-yukon-region.html>

³²⁵⁵ The Government of Canada invests in protected areas in Prince Edward Island, Environment and Climate Change Canada (Charlottetown) 20 February 2020. Date Accessed: 20 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/02/the-government-of-canada-invests-in-protected-areas-in-prince-edward-island.html>

³²⁵⁶ New Climate Action Funding Announced for Science North, Environment and Climate Change Canada (Thunder Bay) 21 February 2020. Date Accessed: 20 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/02/new-climate-action-funding-announced-for-science-north.html>

³²⁵⁷ New Conservation agreements signed to protect Southern Mountain Caribou in British Columbia, Environment and Climate Change Canada (Vancouver) 21 February 2020. Date Accessed: 20 March 2020.

<https://www.canada.ca/en/environment-climate-change/news/2020/02/new-conservation-agreements-signed-to-protect-southern-mountain-caribou-in-british-columbia.html>

will reduce greenhouse gas emissions by 760,000 tonnes. There will also be an additional CAD570,600 granted to replace 1,700 outdoor street lights with high-efficiency LED lights.³²⁵⁸

On 4 March 2020, Member of Parliament for Windsor-Tecumseh Irek Kusmierczyk announced that the government will be providing CAD125,000 to the University of Windsor. The funds will be used for law students to train youth on the legal policy aspects of “climate change mitigation.”³²⁵⁹ The goal of this effort is to help people in Ontario implement climate change policies effectively in their cities.³²⁶⁰

On 4 March 2020, Minister Wilkinson announced that the federal government will be granting CAD2.3 million to the Government of Yukon to support climate change initiatives. The funds are to be used to connect an already existing biomass heating system in the territory which will reduce emissions by 82 per cent.³²⁶¹

On 6 March 2020, Minister Wilkinson and Manitoba’s Minister of Conservation and Climate Sarah Guillemard began the application process for Manitoba’s new Efficient Trucking Program. This program will help to reduce emissions in the province providing rebates for applicants of up to 50 per cent on fuel-saving technology (such as low rolling resistance tires).³²⁶²

Country has fully complied with its commitment to foster innovation in a wide range of areas for low emissions though its Climate Action Fund to Clean Air Partnerships, Low Carbon Economy Fund, phasing out of coal-fired power and investment in climate change and energy-efficient technology. Further, it has strived to foster innovation in a wide range of areas for resilient development through its Environmental Damages Fund, Indigenous Guardians Pilot Program and investment in Building with Climate Change.

Thus, Canada receives a score of +1.

Analyst: Gabrielle Regimbal

China: 0

China has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 17 September 2019, the Ministry of the Environment and Ecology released a report for the United Nations Climate Action Summit detailing their position and nine actions they will be taking to

³²⁵⁸ Government of Canada announces support for the City of Saint John and Saint John Energy’s Climate Change Initiatives, Environment and Climate Change Canada (Saint John) 4 March 2020. Date Accessed: 20 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/government-of-canada-announces-support-for-the-city-of-saint-john-and-saint-john-energys-climate-change-initiatives.html>

³²⁵⁹ New climate action funding announced for Windsor law students, Environment and Climate Change Canada (Windsor) 4 March 2020. Date Accessed: 17 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/new-climate-action-funding-announced-for-windsor-law-students.html>

³²⁶⁰ New climate action funding announced for Windsor law students, Environment and Climate Change Canada (Windsor) 4 March 2020. Date Accessed: 17 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/new-climate-action-funding-announced-for-windsor-law-students.html>

³²⁶¹ Government of Canada supports climate action by the Government of Yukon, Environment and Climate Change Canada (Whitehorse) 4 March 2020. Date Accessed: 17 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/government-of-canada-supports-climate-action-by-the-government-of-yukon.html>

³²⁶² Canada and Manitoba launch application process for the Efficient Trucking Program, Environment and Climate Change Canada (Winnipeg) 6 March 2020. Date Accessed: 17 March 2020. <https://www.canada.ca/en/environment-climate-change/news/2020/03/canada-and-manitoba-launch-application-process-for-the-efficient-trucking-program.html>

combat climate change. Firstly, it will be taking a “nature-based” approach that prioritizes nature’s role in dealing with the risks of climate change and “foster a low-emission and climate-resilient society.”³²⁶³ Ways it will achieve this is by fostering biodiversity to harness grasslands and forestry as carbon sinks, and having mechanisms in place to improve flood control, drought and disaster mitigation resources. Secondly, China proposed to address social and political drivers through the “Climate Action Targets for 2020 and 2030.”³²⁶⁴ It has taken measures to enhance its legal and policy frameworks that “promote green production and consumption, fostered a sound economic structure that facilitates green, low-carbon, and circular development, established regulatory agencies to manage state-owned natural resource assets and monitor natural ecosystems.”³²⁶⁵ Thirdly, China recognizes and supports youth and mobilization as proponents for climate change efforts.³²⁶⁶ Fourthly, it recognizes the need for energy transition and states it will continue its path of renewable energy production and consumption, and will seek further cooperation with other countries for low carbon, sustainable development.³²⁶⁷ Fifthly, it will focus on industrial transformation by “strengthening energy efficiency and reducing greenhouse gas emissions.”³²⁶⁸ Sixthly, it will utilize infrastructure, cities and local action. It will accelerate efforts to make cities more adaptive, create more “sponge city” developments and reduce emissions. It will also utilize green transportation, green building and clean energy as part of its “Belt and Road” project.³²⁶⁹ Seventhly, China recognizes the need for a mitigation strategy which highlights emission control and capacity building through the creation of low-carbon products and green development.³²⁷⁰ Eighthly, it aims to foster resilience and adaptation through “disaster and risk management, improved … monitoring … early warning and disaster prevention and reduction measures, improved adaptability of the planting industry, and provide farmers with more on adaptation technologies.”³²⁷¹ Lastly, China calls commits

³²⁶³ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁴ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁵ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁶ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁷ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁸ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁶⁹ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁷⁰ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁷¹ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

to and calls on other nations to commit USD100 billion every year from 2020 onward to help developing nations address climate change.³²⁷²

On 26 October 2019, China hosted the 29th BASIC meeting in Beijing, with delegates from Brazil, South Africa and India. In preparation for the 25th Conference of the Parties to the United Nations Framework Convention on Climate Change, they acknowledged climate change and “confirmed their commitments to multilateralism in order to address the issue and to foster climate resilience and promote greenhouse gas emissions reduction.”³²⁷³ They also emphasized their commitment to the implementation of the Paris Agreement and support of other developing countries in doing so as well as they are the most vulnerable to climate change repercussions.³²⁷⁴ Additionally, the BASIC group encouraged funding to the Green Climate Fund to support developing countries as they adapt.³²⁷⁵ The Green Climate Fund sets out to “help developing countries reduce their greenhouse gas emissions and enhance their ability to respond to climate change.”³²⁷⁶

On 28 October, China hosted its Fourth Plenary Session of the 19th Central Committee of the Communist Party of China, where a new national land system was announced with emphasis on creating red line territories to create permanent quality farmland, ecological protection, and “urban boundaries.”³²⁷⁷ The goal is to use resources more efficiently and improve mechanisms for ecological restoration and sustainable development, in order to mitigate the effects of climate change.³²⁷⁸

On 6 November 2019, President Xi Jinping stated jointly with French President Emmanuel Macron that they confirm their support of the Paris Agreement.³²⁷⁹

China has partially complied with its commitment to foster innovation in a wide range of areas for low emission and resilient development. While it has promoted the use of green technology and carbon offsets at the UN Climate Summit and expressed support for the Paris Agreement, China has fallen short of the “wide range” threshold. However, it has fostered resilient development through its enhancement of monitoring systems, participation in the Green Climate Fund, and the creation of red lines.

³²⁷² UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁷³ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.

<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³²⁷⁴ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.

<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³²⁷⁵ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.

<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³²⁷⁶ About GCF, Green Climate Fund (Songdo). Access Date: 3 April 2020.

<https://www.greenclimate.fund/about/contact>

³²⁷⁷ Environment gets priority as country grows, Ministry of Ecology and Environment (Beijing) 3 January 2020. Access Date: 22 March 2020. http://english.mee.gov.cn/News_service/media_news/202001/t20200103_756697.shtml

³²⁷⁸ UN Climate Action Summit: China’s Position and Action, Ministry of Ecology and Environment (Beijing) 17 September 2019. Date Accessed: 3 April 2020.

http://english.mee.gov.cn/News_service/news_release/201909/t20190917_734051.shtml

³²⁷⁹ China, France reaffirm support of Paris climate agreement, call it ‘irreversible’, Reuters (London) 6 November 2019. Access Date: 6 February 2020. <https://www.reuters.com/article/us-china-france-paris-agreement/china-france-reaffirm-support-of-paris-climate-agreement-call-it-irreversible-idUSKBN1XG0QJ>

Thus, China receives a score of 0.

Analyst: Jolie Leung

France: +1

France has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 9 July 2019, the French foreign minister announced a tax between EUR1.50 and EUR20 for the majority of flights departing from France. The resulting tax revenue, expected to be over EUR180 million, is to fund low-emissions infrastructure for transportation.³²⁸⁰

On 10 August 2019, France and the United Kingdom announced a new phase of their Cob Bauge project, a joint venture in the process of developing energy-efficient housing, while also developing low-carbon technology in the field of construction. The development can save up to four tonnes of carbon dioxide emissions per building, and is significantly less carbon-intensive than concrete, brick and plastic building materials. It will also assist both governments in their goal to meet current European Union targets, and reduce their energy use by 20 per cent of 2012 levels by 2020.³²⁸¹

On 11 October 2019, the Ministry of Ecology and Inclusive Transition reaffirmed their commitment to the reduction and prevention of natural disasters. It stressed that there needs to be a strong understanding of different phenomena, and monitoring, forecasting and alerting systems. Prevention is achievable through risk planning, reduction of building vulnerability and should disaster occur, better construction and reconstruction.³²⁸²

On 6 November 2019, French President Emmanuel Macron stated jointly with Chinese President Xi Jinping that they confirm their support of the Paris Agreement.³²⁸³

On 7 November 2019, Minister of the Ecological and Inclusive Transition Elisabeth Borne announced four decisions: "the abandonment of the Europacity project, the rehabilitation of wasteland as a lever to fight against the artificialization of soils, the strengthening of protected areas and adaptation of forests to climate change."³²⁸⁴ Borne states that the development of protected areas and preservation of forests will assist in the fight against global warming.³²⁸⁵

³²⁸⁰ France will implement an 'ecotax' on plane tickets from 2020, CTV News (Toronto) 9 July 2019. Access Date: 6 February 2020. <https://www.ctvnews.ca/lifestyle/france-will-implement-an-ecotax-on-plane-tickets-from-2020-1.4500091>

³²⁸¹ Down-to-earth collaboration in France and England for low-carbon, sustainable houses, European Commission (Brussels) 10 August 2019. Access Date: 9 February 2020. https://ec.europa.eu/regional_policy/en/projects/france-down-to-earth-collaboration-in-france-and-england-for-low-carbon-sustainable-houses

³²⁸² International Day for Natural Disaster Reduction, Ministry of the Ecological and Inclusive Transition (Paris) 11 October 2019. Access Date: 3 April 2020. <https://www.ecologique-solidaire.gouv.fr/journee-internationale-prevention-des-catastrophes-naturelles>

³²⁸³ China, France reaffirm support of Paris climate agreement, call it 'irreversible', Reuters (London) 6 November 2019. Access Date: 6 February 2020. <https://www.reuters.com/article/us-china-france-paris-agreement/china-france-reaffirm-support-of-paris-climate-agreement-call-it-irreversible-idUSKBN1XG0QJ>

³²⁸⁴ Third ecological defense advice: what to remember, Ministry of the Ecological and Inclusive Transition (Paris) 12 November 2019. Access Date: 3 April 2020. <https://www.ecologique-solidaire.gouv.fr/troisieme-conseil-defense-ecologique-quil-faut-retenir>

³²⁸⁵ Third ecological defense advice: what to remember, Ministry of the Ecological and Inclusive Transition (Paris) 12 November 2019. Access Date: 3 April 2020. <https://www.ecologique-solidaire.gouv.fr/troisieme-conseil-defense-ecologique-quil-faut-retenir>

On 8 November 2019, the French Senate passed the Law on Energy and Climate, which intends to respond to climate and ecological issues. Included in this law are objectives such as stopping carbon-based energy production by 2022, requiring new supermarkets and warehouses to install solar panels, and support towards hydrogen-based energy production.³²⁸⁶

On 16 January 2020, the Ministry of Ecology and Inclusive Transition reported that its last four coal plants will be shutting down by 2022 as part of their fight against climate change. France recognizes that while they only have four active plants, that only provide 1.18 per cent of national electricity, they also generate 10 million tonnes of carbon dioxide emissions.³²⁸⁷

On 12 February 2020, Minister Borne announced four main themes to be addressed. These four themes include the implementation of flood prevention programs, coping with declining coastlines by implementing building rules to limit erosion, protecting biodiversity by granting areas protected area status, and offering more environmentally friendly public services.³²⁸⁸

On 13 February 2020, France along with Austria, Germany, Liechtenstein, Luxembourg, the Netherlands, Switzerland, the Belgian Wallonia region and the European Commission adopted the Rhine 2040 programme. This collaboration of countries situated along the Rhine river aims at “managing the Rhine and its river basin in a sustainable way and make it climate resilient.”³²⁸⁹

On 21 February 2020, the Ministry of Ecological and Inclusive Transition announced the Fessenheim nuclear power plant will be shut down. This decision is part of its implementation of its energy-climate strategy that focuses on energy transition and green growth.³²⁹⁰

On 26 February 2020, the Ministry of the Ecological and Inclusive Transition announced that its CO2 emissions dropped by six per cent in 2019 due to wind and solar power.³²⁹¹

On 25 March 2020, France announced the opening of registration for Resilient Building Trophies organized by the Natural Risks Missions. As a competition, it “aims to promote buildings adapted to one or more natural and climatic hazards” as the government recognizes the threat of natural disasters such as floods, droughts and earthquakes.³²⁹²

France has fully complied with its commitment to foster innovation in a wide range of areas for low emissions though its Law on Energy and Climate, and its closure of both coal and nuclear power plants. Further, it has strived to foster innovation in a wide range of areas for resilient development

³²⁸⁶ Loi du 8 novembre 2019 relative à l'énergie et au climat, Vie publique (Paris) 12 November 2019. Access Date: 6 February 2020. <https://www.vie-publique.fr/loi/23814-loi-energie-et-climat-du-8-novembre-2019>

³²⁸⁷ Coal plants to close by 2022, Ministry of the Ecological and Inclusive Transition (Paris) 16 January 2020. Access Date: 3 April 2020. <https://www.ecologique-solaire.gouv.fr/fermeture-des-centrales-charbon-aura-lieu-dici-2022>

³²⁸⁸ Fourth ecological defense council: government priorities for ecological transition, Ministry of the Ecological and Inclusive Transition (Paris) 12 February 2020. Access Date: 3 April 2020. <https://www.ecologique-solaire.gouv.fr/quatrieme-conseil-defense-ecologique-priorites-du-gouvernement-transition-ecologique>

³²⁸⁹ Rhine countries adopt programme for sustainable management and climate resilience, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 13 February 2020. Access Date: 22 March 2020. <https://www.bmu.de/en/pressrelease/rhine-countries-adopt-programme-for-sustainable-management-and-climate-resilience/>

³²⁹⁰ Closure of the Fessenheim power station, Ministry of the Ecological and Inclusive Transition (Paris) 21 February 2020. Access Date: 3 April 2020. <https://www.ecologique-solaire.gouv.fr/fermeture-centrale-fessenheim>

³²⁹¹ Electricity: 6% drop in French Co2 emissions in 2019, Ministry of the Ecological and Inclusive Transition (Paris) 26 February 2020. Access Date: 3 April 2020. <https://www.ecologique-solaire.gouv.fr/electricite-baisse-6-des-emissions-francaises-co2-en-2019>

³²⁹² Launch of the Resilient Buildings trophies, Ministry of Ecology and Inclusive Transition (Paris) 25 March 2020. Access Date: 3 April 2020. <https://www.ecologique-solaire.gouv.fr/lancement-des-trophees-batiments-resilients>

through its concentration on flood prevention, limitation of coastal erosion, protection of biodiversity, implementation of more eco-friendly public services and Resilient Building Trophies.

Therefore, France receives a score of +1.

Analyst: Jolie Leung

Germany: +1

Germany has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 12 July 2019, the Environment Ministry launched a new program “Capacity Building and Finance for National and Local Action on Climate and Biodiversity” to provide grants of up to EUR125,000 to small projects promoting local climate and nature conservation in developing countries and emerging economies. This program also funds national and regional funding institutions so they can improve funding structures for climate action and biodiversity at local level.³²⁹³

On 20 September 2019, the German government announced the Climate Action Programme 2030 and Climate Change Act that included a carbon price on heating and transportation sectors, subsidies on replacing oil and gas heating systems, favorable treatment for electric vehicles, a re-iterated commitment to phase out coal-fired power stations by 2038 and an aim to increase the share of electric power generated by renewables to 65 per cent by 2030. The goal is to fulfill Germany’s commitments in the Paris Agreement by reducing CO₂ emission by 55 per cent by 2030 and achieving greenhouse gas neutrality by 2050.³²⁹⁴

On 22 September 2019, “Federal Environment Minister Svenja Schulze announced that Germany is joining the international Powering Past Coal Alliance.” The goal is to “halt the construction of new coal-fired power plants, discontinue international financing of the coal industry, set a date for the coal phase-out and align their NDCs [nationally determined contributions] with the goals of the Paris Agreement.”³²⁹⁵

On 22 September 2019, the government, together with the government of Luxembourg and the Global Covenant of Mayors for Climate, announced the launch of the City Climate Finance Gap Fund. The German government intended to provide up to EUR40 million to grant high-quality low-carbon and climate resilient infrastructure projects in cities. The goal is to provide critical funding and a mature platform for climate friendly infrastructures in concentrated areas of greenhouse gas emission.³²⁹⁶

On 22 September 2019, the government, together with the Norwegian and British governments, issued a joint statement calling for “increased ambition and action by the global community to

³²⁹³ BMU launches global fund for local climate and biodiversity projects. Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 12 July 2019. Access Date: 9 February 2020.

<https://www.bmu.de/en/pressrelease/bmu-launches-global-fund-for-local-climate-and-biodiversity-projects/>

³²⁹⁴ Climate Action Programme 2030, The Federal Government of Germany (Berlin) 20 September 2019. Access Date: 5 February 2020. <https://www.bundesregierung.de/breg-en/issues/climate-action/klimaschutzprogramm-2030-1674080>

³²⁹⁵ Germany joins Powering Past Coal Alliance, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 22 September 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/germany-joins-powering-past-coal-alliance-1/>

³²⁹⁶ Cities and National Governments Partner on EUR 100 million City Climate Finance Gap Fund, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 22 September 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/cities-and-national-governments-partner-on-eur-100-million-city-climate-finance-gap-fund/>

conserve and restore tropical forests.”³²⁹⁷ The goal is to encourage protection of forests that trap greenhouse gases.³²⁹⁸

On 9 October 2019, the federal cabinet adopted the Climate Action Programme 2030 and the draft of the Climate Change Act. The Climate Change Act will set legally binding limits on CO2 emissions for each economic sector for every year. The goal is to reduce carbon emissions by 55 per cent by 2030 and achieve greenhouse gas neutrality by 2050.³²⁹⁹

On 23 October 2019, the Environment Ministry announced an additional EUR21 million to be invested in marine conservation projects in Asia, Latin America and the Pacific Islands. “The projects will contribute to conserving biodiversity and landscape diversity of certain marine areas and reducing the effects of climate change.”³³⁰⁰

On 11 November 2019, the Environment Ministry launched a global competition for “projects implementing the Paris Agreement and projects on biological diversity.” A total of EUR240 million will be provided from International Climate Initiative Funds for the implementation of winning projects. “The aim is to support developing and emerging countries in their efforts to reduce greenhouse gas emissions, adapt to climate change and conserve biodiversity.”³³⁰¹

On 19 November 2019, the government and the World Bank “launched a new Facility to support private sector investment in green businesses and mobilize financing for climate change mitigation and adaptation activities in Africa.”³³⁰² The Facility “aims to unlock private sector investment that fosters climate activities of small and medium-sized enterprises in CwA [Compact with Africa] countries.”³³⁰³

³²⁹⁷ Germany, Norway and the United Kingdom call for more ambition on global forest protection, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 22 September 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/germany-norway-and-the-united-kingdom-call-for-more-ambition-on-global-forest-protection-1/>

³²⁹⁸ Germany, Norway and the United Kingdom call for more ambition on global forest protection, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 22 September 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/germany-norway-and-the-united-kingdom-call-for-more-ambition-on-global-forest-protection-1/>

³²⁹⁹ Minister Schulze: Climate action becomes law, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 9 October 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/minister-schulze-climate-action-becomes-law-1/>

³³⁰⁰ Germany tops up funds for international marine conservation, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 23 October 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/germany-tops-up-funds-for-international-marine-conservation-1/>

³³⁰¹ Launch of international competition on climate action and biological diversity, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 11 November 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/launch-of-international-competition-on-climate-action-and-biological-diversity-1/>

³³⁰² G20 Compact with Africa Facility supports green business, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 19 November 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/g20-compact-with-africa-facility-supports-green-business-1/>

³³⁰³ G20 Compact with Africa Facility supports green business, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 19 November 2019. Access Date: 9 February 2020. <https://www.bmu.de/en/pressrelease/g20-compact-with-africa-facility-supports-green-business-1/>

On 5 December 2019, the Environment Ministry announced EUR60 million funding for three new ecosystem-based adaption programmes. The goal is “to support adaptation to climate change via projects that benefit people and strengthen ecosystems at the same time.”³³⁰⁴

On 7 December 2019, the Environment Ministry, together with the German Society for International Cooperation “presented its new support programme for local projects that protect climate and biodiversity.” This program is funded by the International Climate Initiative and will grant EUR100,000 to 100 selected projects from small, non-profit organizations in developing countries. The goal is to “promote innovative ideas, adapted to the local conditions and needs, that aim to reduce greenhouse gas emissions, and to promote the establishment of weather-resilient and climate-resilient infrastructures” in developing regions.³³⁰⁵

On 10 December 2019, Environment Minister Svenja Schulze announced the establishment of a Power-to-X Secretariat that will bring all power-to-x activities (technologies used to produce synthetic fuels and base materials from electricity) under one roof and expand on them. The goal is to “improve global exchange of knowledge, better determine the climate action potential of these products and jointly develop sustainability criteria for their application.”³³⁰⁶

On 10 December 2019, Minister Schulze committed to provide an additional EUR30 million to the Adaptation Fund that finances “early warning systems for floods and heavy rainfall, and measures for securing water supply and switching to drought-resistant farming methods in agriculture” in developing countries.³³⁰⁷ The goal is help developing countries adapt to climate change.³³⁰⁸

On 11 December 2019, the government signed the Joint Declaration to reduce deforestation in Colombia with Colombia, Norway and the United Kingdom that devotes USD360 million in “payments for achieved emission reductions” and “contributions for policy objectives and implementation.”³³⁰⁹ The goal is to aid Colombia in preserving and restoring forests.³³¹⁰

³³⁰⁴ Minister Schulze: Nature often provides the best solutions for tackling climate change, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 5 December 2019. Access Date: 7 February 2020. <https://www.bmu.de/en/pressrelease/minister-schulze-nature-often-provides-the-best-solutions-for-tackling-climate-change/>

³³⁰⁵ New support programme for local small-scale projects in developing countries, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 7 December 2019. Access Date: 7 February 2020. <https://www.bmu.de/en/pressrelease/new-support-programme-for-local-small-scale-projects-in-developing-countries-1/>

³³⁰⁶ Environment Minister Schulze: “We need a global strategy for green hydrogen”, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 10 December 2019. Access Date: 7 February 2020. <https://www.bmu.de/en/pressrelease/environment-minister-schulze-we-need-a-global-strategy-for-green-hydrogen-1/>

³³⁰⁷ UN Climate Change Conference: Germany supports Adaptation Fund with 30 million euros, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 10 December 2019. Access Date: 7 February 2020. <https://www.bmu.de/en/pressrelease/un-climate-change-conference-germany-supports-adaptation-fund-with-30-million-euros/>

³³⁰⁸ UN Climate Change Conference: Germany supports Adaptation Fund with 30 million euros, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 10 December 2019. Access Date: 4 April 2020. <https://www.bmu.de/en/pressrelease/un-climate-change-conference-germany-supports-adaptation-fund-with-30-million-euros/>

³³⁰⁹ Colombia, Germany, Norway and the UK step up efforts to reduce deforestation in Colombia, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (Berlin) 11 December 2019. Access Date: 5 February 2020. <https://www.bmu.de/en/pressrelease/colombia-germany-norway-and-the-uk-step-up-efforts-to-reduce-deforestation-in-colombia-1/>

On 11 December 2019, Minister Schulze, together with United Nations Development Programme Administrator Achim Steiner and Food and Agriculture Organization Director-General Qu Dongyu, “launched new funding of EUR20 million under the Federal Environment Ministry’s International Climate Initiative for supporting up to 12 developing countries in implementing national climate change targets in the area of land use and agriculture.”³³¹¹ The goal is to promote low-emission agriculture and climate change adaptation.³³¹²

On 18 December 2019, the Climate Action Act initiated by the German government entered into force. The goal is to reduce greenhouse gas emission by 55 per cent by 2030 and achieve greenhouse gas neutrality by 2050.³³¹³

On 20 December 2019, Germany’s parliament approved the government’s package of measures to meet its climate action goals. The measures include carbon price of EUR25 per metric ton, reduced tax on long-distance train travel, tax benefit for energy-saving home renovations and increased commuters’ allowance. These measures seek to cut greenhouse gas emissions.³³¹⁴

On 16 January 2020, the government and Germany’s four coal-producing states announced details on their plan to phase out coal by 2035 and latest by 2038. In this plan, the government will pay energy firms EUR4.35 billion in compensation for the coal phaseout; it will also provide EUR40 billion to aid affected states in transition; it will close down at least 8 coal-fired power plants in 2020. The goal is to cut carbon emission from coal-powered plants.³³¹⁵

On 13 February 2020, the Federal Ministry for Environment, Nature Conservation and Nuclear Safety launched the International Climate Initiative Medium Grants. This program will provide EUR30 million over five years to projects aimed at reducing greenhouse gas emissions and conserving biodiversity. Its goal is to “support North-South cooperation of global climate action and biodiversity conversation in developing countries and emerging economies.”³³¹⁶

On 13 February 2020, Germany, along with Austria, France, Liechtenstein, Luxembourg, the Netherlands, Switzerland, the Belgian Wallonia region and the European Commission adopted the

³³¹⁰ Columbia, Germany, Norway and the UK step up efforts to reduce deforestation in Colombia, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety of Germany (Berlin) 11 December 2019. Access Date: 5 February 2020. <https://www.bmu.de/en/pressrelease/colombia-germany-norway-and-the-uk-step-up-efforts-to-reduce-deforestation-in-colombia-1/>

³³¹¹ BMU promotes climate action in farming, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 11 December 2019. Access Date: 4 April 2020. <https://www.bmu.de/en/pressrelease/bmu-promotes-climate-action-in-farming/>

³³¹² BMU promotes climate action in farming, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 11 December 2019. Access Date: 4 April 2020. <https://www.bmu.de/en/pressrelease/bmu-promotes-climate-action-in-farming/>

³³¹³ Germany’s Climate Action Law, Clean Energy Wire (Berlin) 18 December 2019. Access Date: 7 February 2020. <https://www.cleanenergywire.org/factsheets/germanys-climate-action-law-begins-take-shape>

³³¹⁴ German upper house approves amended climate plans, Deutsche Welle (Bonn) 20 December 2020. Access Date: 22 March 2020. <https://www.dw.com/en/german-upper-house-approves-amended-climate-plans/a-51750251>.

³³¹⁵ Germany to pay energy firms billions in coal phaseout plan, Deutsche Welle (Bonn) 16 January 2020. Access Date: 22 March 2020. <https://www.dw.com/en/germany-to-pay-energy-firms-billions-in-coal-phaseout-plan/a-52022317>

³³¹⁶ Federal Environment Ministry launches new climate action support programme for global North-South Cooperation, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 13 February 2020. Access Date: 22 March 2020. <https://www.bmu.de/en/pressrelease/federal-environment-ministry-launches-new-climate-action-support-programme-for-global-north-south-co/>

Rhine 2040 programme. This collaboration of countries situated along the Rhine river aims at “managing the Rhine and its river basin in a sustainable way and make it climate resilient.”³³¹⁷

Germany has fully complied with its commitment to foster innovation in a wide range of areas for low emissions though its deforestation efforts internationally, its Climate Action Programme 2030, the Climate Act and its International Climate Medium grants. Further, it has strived to foster innovation in a wide range of areas for resilient development through its Capacity Building and Finance for National and Local Action on Climate and Biodiversity initiative, its City Climate Finance Gap Fund and Rhine 2040 programme.

Thus, Germany receives a score of +1.

Analyst: Wai Suet Gi Gi Chan

India: +1

India has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 14 July 2019 to 15 July 2019, the Ministry of the Environment, Forest, and Climate Change took part in the Partnership Action on Green Economy consultation workshop. The overall themes discussed include the transition into a sustainable, green economy with regard to ecosystem vulnerabilities, consumption, production, financial mechanisms and employment.³³¹⁸

On 2 September 2019 to 13 September 2019, India hosted the United Nations Convention to Combat Desertification, which deliberated issues related to land restoration, drought preparedness, and how to ensure gender balance, youth engagement, and land rights.³³¹⁹

On 25 September 2019, the Ministry of the Environment, Forest and Climate Change launched the project, “Forest Plus 2.0 (Forest for Water and Prosperity)” in the cities of Kerala, Telangana, and Bihar. This is a five-year program in collaboration with the US Agency for International Development to improve the status of the forests in this region.³³²⁰

On 4 October 2019, the US and India launched the Flexible Resource Initiative in New Delhi, under the US-India Clean Energy Finance Task Force. The goal is so “develop strategies to ensure that India’s power systems are flexible enough to integrate renewable energy within the next decade, while still meeting market demands for electricity, in order to achieve its renewable energy vision.”³³²¹

³³¹⁷ Rhine countries adopt programme for sustainable management and climate resilience, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 13 February 2020. Access Date: 22 March 2020. <https://www.bmu.de/en/pressrelease/rhine-countries-adopt-programme-for-sustainable-management-and-climate-resilience/>

³³¹⁸ July Highlights of the Achievements and Activities of the Ministry of Environment, Forest, and Climate Change, Ministry of Environment, Forest, and Climate Change (New Delhi) 08 August 2019. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2019/08/july-2019.pdf>

³³¹⁹ September Highlights of the Achievements and Activities of the Ministry of the Environment, Ministry of the Environment, Forest, and Climate Change (New Delhi) 18 October 2019. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2017/06/september2019.pdf>

³³²⁰ September Highlights of the Achievements and Activities of the Ministry of the Environment, Ministry of the Environment, Forest, and Climate Change (New Delhi) 18 October 2019. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2017/06/september2019.pdf>

³³²¹ United States and India Launch Flexible Resources Initiative-Growth through Clean Energy, US Department of State (Washington) 4 October 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-india-launch-flexible-resources-initiative-growth-through-clean-energy/>

On 26 October 2019, India attended the 29th BASIC meeting in Beijing, with delegates from China, South Africa and Brazil. In preparation for 25th Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change, they acknowledged climate change and “confirmed their commitments to multilateralism in order to address the issue and to foster climate resilience and promote greenhouse gas emissions reduction.”³³²² They also emphasized their commitment to the implementation of the Paris Agreement and support of other developing countries in doing so as well as they are the most vulnerable to climate change repercussions.³³²³ Additionally, the BASIC group encouraged funding to the Green Climate Fund to support developing countries as they adapt.³³²⁴ The Green Climate Fund sets out to “help developing countries reduce their greenhouse gas emissions and enhance their ability to respond to climate change.”³³²⁵

On 19 November 2019, the Ministry of the Environment, Forest and Climate Change attended the G20’s Climate Sustainability Working Group adaptation program at Bangkok, Thailand.³³²⁶

On 2 December 2019 to 15 December 2019, the Ministry of the Environment, Forest, and Climate Change, along with other federal institutions in the Indian delegation participated in COP25.³³²⁷

On January 2020, India had announced that they have achieved their Stage II objective of the Ministry of the Environment’s HCFC Phase-Out Management Plan, in Article 5 of the Montreal Protocol. This stage stipulates that the country would work towards entirely transitioning away from HCFC 141b in the foam manufacturing sector in order to reduce emissions.³³²⁸

India has fully complied with its commitment to foster innovation in a wide range of areas for low emissions though the Provision of Compensatory Afforestation, the US-India Clean Energy Finance Task Force and commitment to transitioning from HCFC Phase-Out Management Plan. Further, it has strived to foster innovation in a wide range of areas for resilient development through its hosting of the UN Convention on Desertification, its Forest Plus 2.0 (Forest for Water and Prosperity) program, and its participation in the BASIC group and call for funding for the Green Climate Fund.

Thus, India receives a score of +1.

Analyst: Margaret de Leon

³³²² Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.
<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³³²³ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.
<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³³²⁴ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.
<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³³²⁵ About GCF, Green Climate Fund (Songdo). Access Date: 3 April 2020.
<https://www.greenclimate.fund/about/contact>

³³²⁶ November Highlights of the Achievements and Activities of the Ministry of the Environment, Forest, and Climate Change, Ministry of the Environment, Forest, and Climate Change (New Delhi) 11 December 2019. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2017/06/November.pdf>

³³²⁷ December Highlights of the Achievements and Activities of the Ministry of the Environment, Forest, and Climate Change, Ministry of the Environment, Forest, and Climate Change (New Delhi) 8 January 2020. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2020/01/December.pdf>

³³²⁸ January Highlights of the Achievements and Activities of the Ministry of the Environment, Forest, and Climate Change, Ministry of the Environment, Forest, and Climate Change (New Delhi) 10 February 2020. Access Date: 26 March 2020. <http://moef.gov.in/wp-content/uploads/2017/06/10-jan.pdf>

Indonesia: 0

Indonesia has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 16 July 2019, President Joko Widodo urged cities across the country to set up waste-to-energy plants this year to tackle the country's waste problem. The goal is to establish 12 waste-to-energy power plants by 2022 in order to create up to 234 megawatts of electricity using 16,000 tons of waste a day.³³²⁹

On 8 August 2019, President Widodo issued a permanent moratorium on new forest clearance for activities such as palm plantations and logging. The moratorium aims to reduce emissions from fires caused by deforestation.³³³⁰

On 19 August 2019, President Widodo signed a presidential decree covering the regulation of electric vehicles. The goal is to increase demand for electric vehicles through implementing fiscal and tax incentives for the industry.³³³¹

On 9 October 2019, the government launched an agency to manage funds for climate change management. The IDR2 trillion of initial funds is planned to start its operations by 1 January 2020 and aims to restore environmental damage and educate communities to prevent further damage.³³³²

On 23 December 2019, the government launched biodiesel containing 30 per cent palm-based fuel (B30), the highest mandatory mix in the world. The goal is to reduce carbon emissions and the country's reliance on oil imports.³³³³

Indonesia has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development. It has complied with its commitment to foster low emissions through its moratorium on new forest clearing, promotion of electric vehicles and launch of palm-based fuel. Further, it has strived to foster innovation in a wide range of areas for resilient development through the launch of its climate change management agency. However, it falls short of the "wide range" threshold.

Thus, Indonesia has received a score of 0.

Analyst: Dimas Bimo Radityo

³³²⁹ Indonesian president tells cities to build waste-to-energy plants, Cabinet Secretariat (Jakarta) 16 July 2019. Access Date: 5 February 2020. <https://www.reuters.com/article/us-indonesia-environment-energy/indonesian-president-tells-cities-to-build-waste-to-energy-plants-idUSKCN1UB1CG>

³³³⁰ Indonesia president makes moratorium on forest clearance permanent, Siti Nurbaya Bakar, Minister of Forestry and Environment (Jakarta) 8 August 2019. Access Date: 8 February 2020. <https://www.reuters.com/article/us-indonesia-environment-forest-idUSKCN1UY14P>

³³³¹ Jokowi signs electric vehicle regulation, President Joko Widodo (Jakarta) 9 August 2019. Access Date: 5 February 2020. <https://www.thejakartapost.com/news/2019/08/09/jokowi-signs-electric-vehicle-regulation.html>

³³³² Indonesia launches agency to manage environment funds, Ruandha Agung Sugardiman, director general of climate change at the Forestry and Environment Ministry (Jakarta) 9 October 2019. Access Date: 5 February 2020. <https://www.channelnewsasia.com/news/asia/indonesia-launch-agency-manage-environment-climate-change-funds-11985144>

³³³³ Indonesia launches B30 biodiesel to cut costs, boost palm oil, Ministry of Energy and Mineral Resources (Jakarta) 23 December 2019. Access Date: 8 February 2020. <https://www.reuters.com/article/us-indonesia-biodiesel/indonesia-launches-b30-biodiesel-to-cut-costs-boost-palm-oil-idUSKBN1YR0D2>

Italy: +1

Italy has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 8 July 2019, Minister of the Environment and the Protection of the Territory and the Sea Sergio Costa and Minister of Economic Development Luigi Di Maio signed the FER1 decree, which aims to support the production of energy from renewable sources.³³³⁴ The provision will allow the construction of plants for a total capacity of approximately 8,000 MW, with an increase in production from renewable sources of approximately 12 billion KW and with activated investments estimated to be in the order of EUR10 billion.³³³⁵

On 23 July 2019, the Ministers for European Affairs signed a decree allowing new sanctions on maritime transport. In addition to sanctions, the new provisions include penalties for violating the decree. The aim of this policy is to reduce the level of carbon emissions.³³³⁶

On 1 August 2019, a protocol of understanding was signed by Minister Costa and Rector of Sapienza Eugenio Gaudio. The protocol is aimed at promoting awareness on issues related to “sustainable development and the fair and sustainable well-being.”³³³⁷ This includes energy efficiency, conversion to renewable energies and reduction of environmental impact.³³³⁸

On 10 October 2019, Minister Costa signed the agreement for the protection of the Sarno river, as it is “considered to be one of the most polluted sites in Europe.” The agreement is aimed at protecting the water resource and mitigating the hydrogeological risk.³³³⁹

On 10 October 2019, the Council of Ministers approved the climate decree, inaugurating the Green New Deal. The primary innovations included in the decree are the allocation of EUR255 million for European cities affected by poor air quality, the allocation of EUR30 million for replanting trees, and the allocation of EUR20 million for establishing school transportation to elementary and middle schools. The aim of this decree is to build a solid environmental framework in Italy.³³⁴⁰

³³³⁴ Renewables, Di Maio and Cost Sign the FER1 Decree, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 8 July 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/rinnovabili-di-maio-e-costa-firmano-il-decreto-fer1>

³³³⁵ Renewables, Di Maio and Cost Sign the FER1 Decree, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 8 July 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/rinnovabili-di-maio-e-costa-firmano-il-decreto-fer1>

³³³⁶ Climate: Legislative Decree Sanctions on Maritime Transport Emissions Approved, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 23 July 2019. Access Date: 1 February 2020.

³³³⁷ A Green Alliance Between the Ministry of the Environment and La Sapienza for the Objective of the 2013 Agenda, Ministry of the Environment and the Protection of the Territory and the Sea (Rome) 1 August 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/un-alleanza-verde-tra-ministero-dell-ambiente-e-la-sapienza-gli-obiettivi-dell-agenda-2>

³³³⁸ A Green Alliance Between the Ministry of the Environment and La Sapienza for the Objective of the 2013 Agenda, Ministry of the Environment and the Protection of the Territory and the Sea (Rome) 1 August 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/un-alleanza-verde-tra-ministero-dell-ambiente-e-la-sapienza-gli-obiettivi-dell-agenda-2>

³³³⁹ Sarno River: Agreement Signed for Operational Collaboration between the District Basin Authority and the Carabinieri Command for Environmental protection, Ministry of the Environment and the Protection of the Territory and the Sea (Rome) 10 October 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/fiume-sarno-siglato-accordo-di-collaborazione-operativa-tra-autorita-di-bacino>

³³⁴⁰ Climate: The Costa Decree Approved in the CDM, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 10 October 2019. Access Date: 1 February 2020. <https://www.minambiente.it/comunicati/clima-approvato-cdm-il-decreto-costa>

On 22 October 2019, Minister Costa called for the Ligurian and Piedmontese regions to receive EUR10 million and EUR35 million respectively to “open construction sites for the safety of the most vulnerable areas” as part of a broader initiative called the “Cantiere Ambiente” bill which has a total allotment of EUR6.5 billion.³³⁴¹

On 22 November 2019, the Climate Decree was passed and “deemed urgent and necessary.”³³⁴² The Climate Decree aims to reduce emissions and take measures at mitigating climate change. The main points of the decree are as follows: up to EUR225 million will be used to increase environmentally sustainable services in regions with air quality infringement; EUR40 million will go towards modernization of public transport lanes; EUR20 million will be allocated for electric vehicles for elementary and middle schools; EUR30 million will be dedicated to reforestation in urban communities to absorb CO₂; the creation of environmental economic zones; halting environmental infringement in the form of landfills and sewage; implementation of the Green Italy Program where EUR3 million will be used to carry out “innovative and effective green conversion projects” each year from 2020, 2021 and 2022; transparency of environmental data such as air quality; information campaigns will receive EUR2 million to encourage knowledge and green initiatives; EUR2 million for businesses that collect plastic bottles; EUR6 million for green helmet, international collaboration programs aimed at safeguarding national and internationally protected areas; changing the former Interministerial Committee for Economic Planning into the Interministerial Committee for Economic Planning and Sustainable Development to reach wider areas of environmentalism; EUR3 million for reforestation and hydrogeological protection; create an air quality fund; and lastly, inter-ministerial table for climate emergency that would allow for a national program for fighting climate change and enhancing air quality.³³⁴³

On 4 December 2019, the Conference of States approved the Naples Declaration, which commits all 21 states in the Mediterranean basin, together with the European Union, to work together in the coming years on a series of ambitious goals regarding climate change. Among many important points in the Declaration are provisions for the elimination of waste and the protection of biodiversity, and new strategies for combatting climate change regionally.³³⁴⁴

On 12 December 2019, Minister Costa stated it will partner alongside Africa to find “innovative ways of creating resilient environments … resilience and adaptation, as well as the energy transition towards renewable energy sources.”³³⁴⁵ This will be achieved through the continuation of their

³³⁴¹ Dissesto, Min. Costa: “Protecting the Territory can no Longer be Postponed, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 22 October 2019. Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/dissesto-min-costo-tutelare-il-territorio-non-e-piu-rinviabile>

³³⁴² Climate Decree, An Important First Step in Tackling Climate Change, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 22 November 2019, Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/decreto-clima-un-primo-importante-passo-contrastare-i-cambiamenti-climatici>

³³⁴³ Climate Decree, An Important First Step in Tackling Climate Change, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 22 November 2019, Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/decreto-clima-un-primo-importante-passo-contrastare-i-cambiamenti-climatici>

³³⁴⁴ COP21 MED, the Naples Declaration Approved, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 4 December 2019. Access Date: 3 February 2020. <https://www.minambiente.it/comunicati/cop-21-med-approvata-la-dichiarazione-di-napoli>

³³⁴⁵ COP25: Costa, Alongside Africa, Alongside the Planet, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 2 December 2019. Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/cop25-costa-al-fianco-dell-africa-al-fianco-del-pianeta>

projects in 18 African countries, with a focus on agriculture, sustainable water management, use of renewables, environmental technology and capacity building.³³⁴⁶

On 2 January 2020, the Ministry of the Environment announce it will allocate EUR2 million for four marine protected areas in Capri, Capo Spartivento and Isola San Pietro in Sardinia and the coast of Maratea in Basilicata.³³⁴⁷ The purpose of this is to create eco-sustainable development.³³⁴⁸

On 4 February 2020, the Ministry of the Environment registered a decree with the Court of Auditors which establishes a financing program aimed at improving air quality and providing anti-smog interventions. The decree allocates EUR180 million.³³⁴⁹

On 7 February 2020, the Ministry of the Environment announced 62 ongoing projects that aim to improve energy efficiency and reduce carbon emissions. The projects are funded EUR89 million coming from the Development and Cohesion Fund.³³⁵⁰

On 17 February 2020, the Ministry of Environment announced interventions for 81 municipalities to implement sustainable methods of transportation, including the use of bicycles and carpooling. The interventions are financed by the Ministry of Environment and local authorities and aim at “reduc[ing] greenhouse gas emissions responsible for climate change.”³³⁵¹

Italy has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development through its Climate Decree, reduction of marine transport emissions and air pollution, and the Development and Cohesion Fund’s carbon dioxide reduction projects. Further it has strived to foster innovation in a wide range of areas for resilient development through its hydrogeological risk mitigation efforts, the Cantiere Ambiente program, and initiatives with Africa.

Thus, Italy receives a score of +1.

Analyst: Jenna Im

³³⁴⁶ COP25: Costa, Alongside Africa, Alongside the Planet, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 2 December 2019. Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/cop25-costa-al-fianco-dell-africa-al-fianco-del-pianeta>

³³⁴⁷ Environment: Costa, 2 Million Euros for the New Four Marine Protected Areas, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 2 January 2020. Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/ambiente-costa-2-milioni-di-euro-le-nuove-quattro-aree-marine-protette>

³³⁴⁸ Environment: Costa, 2 Million Euros for the New Four Marine Protected Areas, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 2 January 2020. Access Date: 3 April 2020. <https://www.minambiente.it/comunicati/ambiente-costa-2-milioni-di-euro-le-nuove-quattro-aree-marine-protette>

³³⁴⁹ Smog, 180 Million from the Ministry of the Environment to the Regions of the Padano Basin, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 4 February 2020. Access Date: 10 February 2020. <https://www.minambiente.it/comunicati/smog-dal-ministero-ambiente-assegnati-180-milioni-alle-regioni-del-bacino-padano>

³³⁵⁰ Environment, 62 Energy Efficient Projects are Underway for an Investment of 89 Million Euros, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 7 February 2020. Access Date: 20 March 2020. <https://www.minambiente.it/comunicati/ambiente-al-62-progetti-l-efficienza-energetica-un-investimento-di-89-milioni-di-euro>

³³⁵¹ Sustainable Home-School Home-Work Mobility, 164 Million for 81 Municipalities, Ministry of the Environment and Protection of the Territory and the Sea (Rome) 17 February 2020. Access Date: 20 March 2020. <https://www.minambiente.it/comunicati/mobilita-sostenibile-casa-scuola-casa-lavoro-164-milioni-81-comuni>

Japan: 0

Japan has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 12 September 2019, Minister of Environment Shinjiro Koizumi called for the country's nuclear reactors to be scrapped. The goal is to prevent repeats of nuclear disasters and help reduce its carbon emissions.³³⁵²

On 25 September 2019, Minister of Economy, Trade and Industry Isshu Sugawara announced that it has received support from 30 countries for a plan to set up 10,000 hydrogen refueling stations worldwide within 10 years. The goal is to push for the country's target in being carbon-neutral soon after 2050.³³⁵³

On 27 September 2019, the government, together with the government of Argentina, signed a memorandum of cooperation to boost the development of hydrogen as a pollution-free energy source during the Second Hydrogen Energy Ministerial Meeting. The meeting seeks to strengthen collaboration in promoting hydrogen as an alternative energy source, and the memorandum will promote investments in the sustainable energy field.³³⁵⁴

On 18 March 2020, Australia communicated the take-off of its Hydrogen Energy Supply Chain Project with Japan. The project has been devised in order to provide a secure and clean source of energy by improving systems that convert synthetic gas, in the form of carbon monoxide, into hydrogen.³³⁵⁵ Although still in its initial stages, the project has already presented over AUS70 million in public funding towards its aim to establish renewable hydrogen into a residential gas grid.³³⁵⁶

Japan has partially complied with its commitment to foster innovation in a wide range of areas for low emissions by moving away from nuclear energy, exploring hydrogen as an alternative and for its participation in the Hydrogen Energy Supply Chain Project. However, it has not taken measures to foster resilient development.

Thus, Japan has received a score of 0.

Analyst: Dimas Bimo Radbityo

³³⁵² Japan should scrap nuclear reactors after Fukushima, says new environment minister, Shinjiro Koizumi, Minister of environment (Tokyo) 12 September 2019. Access Date: 8 February 2019. <https://www.theguardian.com/world/2019/sep/12/japan-should-scrap-nuclear-reactors-after-fukushima-says-new-environment-minister>

³³⁵³ Japan draws support for global hydrogen proposals, including refueling stations, Isshu Sugawara, Minister of economy, trade and industry (Tokyo) 25 September 2019. Access Date: 9 February 2019.

<https://www.reuters.com/article/us-japan-hydrogen/japan-draws-support-for-global-hydrogen-proposals-including-refueling-stations-idUSKBN1WA19R>

³³⁵⁴ Argentina and Japan to work together in development of hydrogen as clean fuel, Ministry of Foreign Affairs, International Trade and Worship (Buenos Aires) 27 September 2019. Access Date: 8 February 2020.

<https://www.cancilleria.gob.ar/en/announcements/news/argentina-and-japan-work-together-development-hydrogen-clean-fuel>

³³⁵⁵ Hydrogen Energy Supply Chain Pilot Project, Department of Industry, Science, Energy, and Resources (Canberra) 25 November 2019. Access Date: 8 February 2020. <https://www.industry.gov.au/funding-and-incentives/hydrogen-energy-supply-chain-pilot-project>

³³⁵⁶ Australia's renewable hydrogen industry prepares for take off, ArenaWire (Canberra) 18 March 2020. Access Date: 23 March 2020. <https://arena.gov.au/blog/australias-renewable-hydrogen-industry-prepares-for-take-off/>

Korea: +1

Korea has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 3 September 2019, the government decided to provide USD100,000 in humanitarian aid to Bolivia, which is severely affected by wildfires. The fund will be used for initial response, such as fire extinguishing.³³⁵⁷

On 6 September 2019, the government decided to provide USD200,000 in humanitarian assistance to the Bahamas, which was severely damaged by the Hurricane Dorian. The aid aims to contribute to the recovery of the Bahamas and the stabilization of their lives.³³⁵⁸

On 16 September 2019, the Korea Water Resources Corporation provided international training for flood prediction for Indonesia's Chitarum River flood. It contains the training about water environment characteristics of the Chitarum River area, water management policies and systems, management of water in response to climate change.³³⁵⁹ The corporation aims to actively promote water-related international training so that it can contribute to solving global water problems and developing water management capabilities.³³⁶⁰

On 27 September 2019, the government decided to provide USD500,000 in additional humanitarian assistance to Mozambique, which was severely damaged by cyclones in March and April. The aid will include a variety of activities such as rehabilitation and recovery of livelihoods.³³⁶¹

On 15 October 2019, the Korea Water Resources Corporation, under the Ministry of Environment, launched a program to strengthen the water resources development and management capacity for 15 officials from eight Southeast Asian countries. As the risk of water, disasters are increasing especially

³³⁵⁷ US \$ 100,000 Humanitarian Assistance to Support Bolivian Wildfires, Ministry of Foreign Affairs (Seoul) 3 September 2019. Access Date: 8 February 2020.

http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=369505&srchFr=&srchTo=&srchWord=&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=51

³³⁵⁸ The Korean Government Declares US \$ 200,000 Humanitarian Assistance in Hurricane Damaged Bahamas, Ministry of Foreign Affairs (Seoul) 6 September 2019. Access Date: 8 February 2020.

http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=369513&srchFr=&srchTo=&srchWord=&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=50

³³⁵⁹ Transfer of Korean Water disaster response technology to Indonesia, Ministry of Foreign Affairs (Seoul) 16 September 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=530&maxPageItems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1037280&boardMasterId=1&boardCategoryId=&decorator=>

³³⁶⁰ Transfer of Korean Water disaster response technology to Indonesia, Ministry of Foreign Affairs (Seoul) 16 September 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=530&maxPageItems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1037280&boardMasterId=1&boardCategoryId=&decorator=>

³³⁶¹ The Korean Government Declares US \$ 500,000 Additional Humanitarian Assistance to Cyclone Damage, Ministry of Foreign Affairs (Seoul) 27 September 2019. Access Date: 8 February 2020.

http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=369579&srchFr=&srchTo=&srchWord=&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=43

in the Southeast Asia region, and the program aims to contribute to improvements in overall water management in those countries.³³⁶²

On 23 October 2019, the National Institute of Environmental Research of the Ministry of Environment obtained an international patent registration certificate from the US and Swiss patent authorities for the technology. The technology automatically analyzes and trace organic pollutants in flowing water in real-time. This technology can be used in conjunction with a chemical injection system for effective pollutant treatment and cost reduction in water treatment plants.³³⁶³

On 6 November 2019, the Ministry of Environment noticed that it would designate areas with high air pollution or pollutants as air management zones to implement dust management that suits each zone. It intends to manage pollutants from cars and living and based on the details from areas, and it aims to reduce pollutant emissions up to 40 per cent by 2024.³³⁶⁴

On 12 November 2019, the government decided to provide USD100,000 humanitarian assistance to the Central African Republic. The region has been affected by massive flooding since October, and the flood is estimated to have affected 1 million people.³³⁶⁵

On 29 November 2019, the Ministry of Environment implemented the Chemical Emission Reduction System, which will require companies to submit the emission reduction plans every five years. It aims to lead companies to reduce their hazardous chemicals voluntarily.³³⁶⁶

On 27 January 2020, the government decided to provide USD1 million humanitarian assistance through the Australian Red Cross to comfort Australian people. It will be used for early restoration

³³⁶² Government officials in eight Southeast Asian countries receive water management training in Korea, Ministry of Environment (Seoul) 14 October 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=450&maxPageltems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1064480&boardMasterId=1&boardCategoryId=&decorator=>

³³⁶³ Automatic analysis of water pollutants, internationally recognized, Ministry of Environment (Seoul) 30 October 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=370&maxPageltems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1070150&boardMasterId=1&boardCategoryId=&decorator=>

³³⁶⁴ Expanding the atmospheric management area nationwide and reducing fine dust with customized management, Ministry of Environment (Seoul) 6 November 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=330&maxPageltems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1082980&boardMasterId=1&boardCategoryId=&decorator=>

³³⁶⁵ The Korean Government Makes US \$ 100,000 Humanitarian Assistance to Support Flood Damage in Central African Republic, Ministry of Foreign Affairs (Seoul) 12 November 2019. Access Date: 8 February 2020.

http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=369742&srchFr=&srchTo=&srchWord=&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=26

³³⁶⁶ Full-fledged voluntary reduction efforts for chemical emissions, Ministry of Environment (Seoul) 28 November 2019. Access Date: 8 February 2020.

<http://me.go.kr/home/web/board/read.do?pagerOffset=230&maxPageltems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1097940&boardMasterId=1&boardCategoryId=&decorator=>

assistance. The government expects that such a measure could strengthen cooperation between the Australian Government.³³⁶⁷

On 29 January 2020, the Ministry of Environment promulgated amendments to the Green Product Purchasing Act. Green products are the products that minimize the use of energy and resources, and the greenhouse gas generation. Under the amendment, “low carbon certified products” are also included in green products. It aims to contribute to the reduction of greenhouse gases by promoting the purchase of green products.³³⁶⁸

On 16 February 2020, the Korea Environment Corporation, affiliated institution of the Ministry of Environment, led social contribution activities by donating employees’ clothes and old uniforms overseas in order to promote resource circulation through sharing. Both institutions gathered total 5,662 items and they will be sent to the donating institution “Ot-Can” and it will send it to various nations based on the climate and age. The intention is to reuse clothes and thereby reduce carbon emissions involved in the production of articles of clothing.³³⁶⁹

Korea has fully complied with its commitment to foster innovation in a wide range of areas for low emissions through its Chemical Emissions Reductions System, its amendments to the Green Product Purchasing Act to include low-carbon certified products and lastly, its aims to reduce emissions by up to 40 per cent in high air polluted regions. Further, it has strived to foster innovation in a wide range of areas for resilient development through the Korean Water Resources Corporation’s flood prediction training, and its strengthening of water resource development and restoration and humanitarian efforts in various countries.

Thus, Korea receives a score of +1.

Analyst: Eunbi Lee

Mexico: 0

Mexico has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development

On 14 June 2019, Mexico’s Energy Ministry launched the National Electricity System Development Plan, declaring the installation of 18,880 MW by the Federal Electricity Commission between 2019 and 2025. The goal is to add an expected MV 29,000 over the next 15 years, generated by combined cycle plans that burn natural gas and reuse the steam generated to produce electricity.³³⁷⁰

³³⁶⁷ Dispatch government delegation to discuss humanitarian assistance and early recovery measures for Australia, which was heavily damaged by forest fires, Ministry of Foreign Affairs (Seoul) 28 January 2020. Access Date: 8 February 2020.

http://www.mofa.go.kr/www/brd/m_4080/view.do?seq=369963&srchFr=&srchTo=&srchWord=&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=3

³³⁶⁸ Green Products Include Low Carbon Products...Expected to be activated by obligatory purchasing, Ministry of Environment (Seoul) 28 January 2020. Access Date: 8 February 2020.

[http://me.go.kr/home/web/board/read.do?pagerOffset=30&maxPageItems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&boardId=1221920&boardMasterId=1&boardCategoryId=&decorator="](http://me.go.kr/home/web/board/read.do?pagerOffset=30&maxPageItems=10&maxIndexPages=10&searchKey=title&searchValue=&menuId=286&orgCd=&condition.fromDate=2019-06-29&condition.toDate=2020-02-11&boardId=1221920&boardMasterId=1&boardCategoryId=&decorator=)

³³⁶⁹ Virtuous cycle of resources through sharing, donating clothing to developing countries, Ministry of Environment (Seoul) 16 February 2020. Access Date: 21 March 21, 2020.

[http://me.go.kr/home/web/board/read.do?pagerOffset=80&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=286&orgCd=&boardId=1310900&boardMasterId=1&boardCategoryId=&decorator="](http://me.go.kr/home/web/board/read.do?pagerOffset=80&maxPageItems=10&maxIndexPages=10&searchKey=&searchValue=&menuId=286&orgCd=&boardId=1310900&boardMasterId=1&boardCategoryId=&decorator=)

³³⁷⁰ AMLO’s return to oil, Dialogo Chino (Mexico). 11 July 2019. Access Date: 9 February 2020.

<https://dialogochino.net/28818-amlos-return-to-oil/>

On 23 September 2019, President Lopez Obrador announced plans for government investment in oil refineries, noting that the government already invested 12 billion pesos toward revamping oil production. The goal is to “wean” Mexico off its dependency on foreign energy supplies, as well as fuel economic development through increased oil production.³³⁷¹

On 28 October 2019, Mexico’s government announced it would expand the rules of its “clean energy certificates” (CEL) program to make them available to older hydroelectric plants operated by state utility company CFE. Previously applying only to new projects, the goal is to sell CEL-certified energy to big companies that are required to obtain a percentage of their electricity from clean sources.³³⁷²

On 18 November 2019, the government changed rules for clean energy credits, allowing aging hydroelectric dams operated by Mexico’s state-owned utility to qualify. Initially intended for new wind and solar farms, the goal is to “set a level playing field by including hydroelectric power.”³³⁷³

On 10 December 2019, the government published a report that quantifies co-benefits from implementing the climate agenda in coordination with the sustainable development agenda in the country. Titled Crunching Numbers: Quantifying the Sustainable Development Co-benefits of Mexico’s Climate Commitments, the report argues that climate action and development policies should be harmonized and integrated because they “reinforce each other and achieve more together.”³³⁷⁴

On 19 December 2019, Jalisco Governor Alfaro rejected private and federal government plans to build power plants that would run on non-renewable energy sources. In rejecting construction of at USD759 million thermal power station by the Spanish firm Fisterra, the goal is to uphold his government’s commitment to “tackle climate change.”³³⁷⁵

On 22 December 2019, the Federal Electricity Commission proposed to cancel some contracts and eliminate discounts on transmission costs for power generators to use its network. The goal is to increase transmission costs for private companies, cut subsidies, and give the CFE preference over private generation when electricity is dispatched into the national grid.^{3376,3377}

³³⁷¹ Amid Climate Worries, Mexico Doubles Down on Fossil Fuels, Reuters (Mexico City). 1 November 2019. Access Date: 9 February 2020. <https://www.reuters.com/article/us-mexico-climate-change-oil-feature-trf/amid-climate-worries-mexico-doubles-down-on-fossil-fuels-idUSKBN1XB4UR>

³³⁷² Amid Climate Worries, Mexico Doubles Down on Fossil Fuels, Reuters (Mexico City).1 November 2019. Access Date: 9 February 2020<https://www.reuters.com/article/us-mexico-climate-change-oil-feature-trf/amid-climate-worries-mexico-doubles-down-on-fossil-fuels-idUSKBN1XB4UR>

³³⁷³ Mexico’s curious clean-energy credit use deters renewable energy development, Bloomberg (Mexico City) 18 November 2019. Access Date:9 February 2020. <https://www.worldoil.com/news/2019/11/18/mexico-s-curious-clean-energy-credit-use-deters-renewable-energy-development>

³³⁷⁴ Development Co-benefits of Climate Action, SDG Knowledge Hub. 10 December 2019. Access Date:9 February 2020. <https://sdg.iisd.org/news/mexico-quantifies-development-co-benefits-of-climate-action/>

³³⁷⁵ State, municipality say no to electrical generation plants running on fossil fuels, Mexico News Daily (Mexico City) 19 December 2019. Date Accessed: 9 February 2020. <https://mexiconewsdaily.com/news/state-municipality-say-no-to-electrical-generation-plants/?fbclid=IwAR1FzoJJZjqfMoWZuskYmY7GlyinGECfa1JZwvTcgPRxRpaBBfI7eSz2uDE>

³³⁷⁶ Latin America’s new leftists are choosing oil despite renewables boom, Quartz.5 February 2019. Access Date:9 February 2020. <https://qz.com/1793342/latin-americas-new-leftist-leaders-backtrack-on-the-environment/>

³³⁷⁷ Mexico Quantifies Mexico’s Renewable Power Suppliers Face Risks Under Grid Proposal, Bloomberg (Mexico City) 22 December 2019. Access Date: 9 February 2020. <https://www.bloomberg.com/news/articles/2019-12-22/mexico-s-cfe-mulls-cutting-discounts-in-blow-to-renewable-sector>

On 1 January 2020 Mexico reformed the General Law on Climate Change to establish an emission trading system, a cap-and-trade scheme, pilot program for low-carbon development.³³⁷⁸

On 4 February 2020, Mexico City's solar initiative “Ciudad Solar” generated around 140,000 kWh of clean power while avoiding the emission of 75 tonnes of CO₂. The goal is to support the installation of rooftop PV and other clean power schemes that will add up to MV 350 of green capacity in the 2019 to 2024 period.³³⁷⁹

Mexico has partially complied with its commitment to foster innovation in a wide range of areas for low emissions through its National Electricity System Development Plan, and by investing in the Ciudad Solar initiative and thermal power stations. However, Mexico has not taken measures to foster resilient development.

Thus, Mexico receives a score of 0.

Analyst: Burhan Anees Khan

Russia: 0

Russia has partially complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 17 July 2019, the Ministry of Natural Resources excluded the protection zone of Medusa Bay cluster from the borders of the Great Arctic Reserve to allow the Arctic Mining Company under Vostok Coal to proceed with coal-mining plans in the conservation zone. The goal is to increase shipments through the Northern Sea Route.³³⁸⁰

On 26 August 2019, President Vladimir Putin announced a series of new coal projects including extraction plans in Taymyr Peninsula of more than 25 million tons of coal per year. The goal is to reach shipping target on the Arctic route for 80 million tons per year by 2024.³³⁸¹

On 20 September 2019, the Federal Service for Supervision of Natural Resources signed a Cooperation Agreement with the electric power distribution company PJSC “Quadra — Power Generation” aimed at “implementing a comprehensive plan of measures to reduce emissions into the air in Lipetsk.”³³⁸² The goal is to fulfill the objective of “Clean Air” under the Russia’s decree “On

³³⁷⁸ Programa de Prueba del Sistema de Comercio de Emisiones, Ministry of Environment and Natural Resources, 1 January 2020. Access Date: 25 September 2020. <https://www.gob.mx/semarnat/acciones-y-programas/programa-de-prueba-del-sistema-de-comercio-de-emisiones-179414>.

³³⁷⁹ Mexico City kicks off Ciudad Solar programme with first PV arrays, RenewablesNow (Mexico City) 4 February 2020. Access Date: 9 February 2020. <https://renewablesnow.com/news/mexico-city-kicks-off-ciudad-solar-programme-with-first-pv-arrays-685973/>

³³⁸⁰ The Ministry of Natural Resources has changed the boundaries of the Arctic reserve for Bosov's company, RBC Daily (Moscow), 18 July 2019. Access Date: 8 February 2020.

<https://www.rbc.ru/business/19/07/2019/5d31b3ff9a7947f447681277>

³³⁸¹ Russia Announces Plans for Coal-Digging Surge, The Moscow Times (Moscow) 26 August 2019. Access Date: 22 March 2020. <https://www.themoscowtimes.com/2019/08/26/russia-announces-plans-for-coal-digging-surge-a67011>

³³⁸² National project “Ecology” in the regions: Rosprirodnadzor and PJSC “Quadra — Power Generation” agreed to jointly implement a program to improve the environmental situation in Lipetsk, Ministry of Natural Resources of Russia (Moscow) 20 September 2019. Access Date: 22 March 2020.

http://www.mnr.gov.ru/press/news/natsproekt_ekologiya_v_regionakh_rosprirodnadzor_i_pao_kvadra_dogovorilis_o_sovmestnoy_realizatsii_p/

national goals and strategic objectives of the development of the Russian Federation for the period until 2024.”³³⁸³

On 21 September 2019, Prime Minister Dmitry Medvedev signed a government resolution signifying the Russian government’s official acceptance of the 2015 Paris Agreement to fight climate change. This accord stated that Russia will not technically ratify the accord but will honour its commitments. The Paris Agreement aims to contain greenhouse gas emission in Russia.³³⁸⁴

On 24 September 2019, the Murmansk windmill project awarded by the Russian government with a total cost frame of USD300 million commenced construction. This project will build 57 wind turbines and is projected to operate by 2021. This project contributes to Russia’s goal of producing 4.5 per cent of electricity from renewable sources by 2020.³³⁸⁵

On 18 October 2019, the Ministry of Economy submitted the final version of the draft law “On state regulation of greenhouse gas emissions” to the government.³³⁸⁶ This bill abandoned the plan of implementing carbon emission quota, penalties for Russia’s largest polluters, a national carbon trading system and a national fund to support emission reduction. The bill retains a five-year monitoring program to measure company-level emissions. The deleted clauses were originally intended to cut carbon emissions.³³⁸⁷

On 26 November 2019, Minister of Natural Resources of Russia Dmitry Kobylkin approved guidelines for “determining the background level of air pollution.”³³⁸⁸ The background level of air pollution will be used to “determine the standard for permissible emissions of pollutants.”³³⁸⁹

On 28 November 2019, the Finance Ministry’s 2020 draft budget refused funding to natural gas company Novatek’s proposed projects including building a liquified natural gas terminal in Gydan and reloading terminals in Murmansk and Kamchatka.³³⁹⁰

³³⁸³ National project “Ecology” in the regions: Rosprirodnadzor and PJSC “Quadra — Power Generation” agreed to jointly implement a program to improve the environmental situation in Lipetsk, Ministry of Natural Resources of Russia (Moscow) 20 September 2019. Access Date: 22 March 2020.

http://www.mnr.gov.ru/press/news/natsproekt_ekologiya_v_regionakh_rosprirodnadzor_i_pao_kvadra_dogovorilis_o_sovmestnoy_realizatsii_p/

³³⁸⁴ Russia Gives Definitive Approval to Paris Climate Accord, The Moscow Times (Moscow) 23 September 2019. Access Date: 7 February 2020. <https://www.themoscowtimes.com/2019/09/23/russia-gives-definitive-approval-to-paris-climate-accord-a67394>

³³⁸⁵ Murmansk Launches Construction of Russia’s Largest Wind Power Park, The Moscow Times (Moscow) 24 September 2019. Access Date: 9 February 2020. <https://www.themoscowtimes.com/2019/09/24/murmansk-launches-construction-of-russias-largest-wind-power-park-a67406>

³³⁸⁶ Carbon taxes go to emissions — Russia intends to fight global warming on a voluntary basis, Kommersant business daily (Moscow) 17 October 2019. Access Date: 7 February 2020. <https://www.kommersant.ru/doc/4127113>

³³⁸⁷ Russia Rejects Climate Change Plan After Business Uproar, The Moscow Times (Moscow) 17 October 2019. Access Date: 7 February 2020. <https://www.themoscowtimes.com/2019/10/17/russia-rejects-climate-change-plan-after-business-uproar-a67780>

³³⁸⁸ Approved guidelines for determining the background level of air pollution, Ministry of Natural Resources of Russia (Moscow) 26 November 2019. Access date: 22 March 2020.

http://www.mnr.gov.ru/press/news/utverzhdeny_metodicheskie_ukazaniya_po_opredeleniyu_fonovogo_urovnya_zagryazneniya_atmosfernogo_vozd/

³³⁸⁹ Approved guidelines for determining the background level of air pollution, Ministry of Natural Resources of Russia (Moscow) 26 November 2019. Access date: 22 March 2020.

http://www.mnr.gov.ru/press/news/utverzhdeny_metodicheskie_ukazaniya_po_opredeleniyu_fonovogo_urovnya_zagryazneniya_atmosfernogo_vozd/

³³⁹⁰ Russia Refuses State Funding for New Arctic Gas Projects, The Moscow Times (Moscow) 28 November 2019. Access Date: 8 February 2020. <https://www.themoscowtimes.com/2019/11/28/russia-refuses-state-funding-arctic-gas-a68362>

On 6 December 2019, the government agreed with the Organization of Petroleum Exporting Countries on a new deal to stabilize oil prices. Under this deal, Russia would cut 70,000 barrels per day of oil export. A concession was made that gas condensate, which constituted 8 per cent of Russia's quota will not be counted. The production cuts aim to support oil prices amidst falling demand.³³⁹¹

On 19 December 2019, the Russian state company Rosatom announced that Russia's 11th nuclear power plant Akademik Lomonosov has begun supplying electricity to the town of Pevek. The new nuclear powerplant will serve to replace a coal-fired plant and an aging nuclear plant in the Chukotka autonomous district.³³⁹²

On 4 January 2020, Russia published the National Action Plan for the First Phase of Adaptation to Climate Change for the Period up to 2022.³³⁹³ The national plan listed 30 economic and social measures including "upgrading the national climate monitoring system, calculating the risks of Russian products becoming unable to compete if they fail to meet new climate-related standards, new education materials to teach climate change in schools, dam building, shifting to drought-resistant crops and crisis-preparation such as offering emergency vaccinations or evacuations in case of a disaster."³³⁹⁴ The goal is to "minimize the vulnerability of the Russia's population, economy and natural resources to climate change."³³⁹⁵

On 20 January 2020, the Institute of Arctic Technologies of the Moscow Institute of Physics and Technology, with support from the Education and Science Ministry, Foreign Affairs Ministry, Ministry of the Far East and Arctic and the Yamet-Nenets district governor, proposed building an international climate research station in the Yaman-Nenets region of Siberia.³³⁹⁶ This project is supported by the Artic council and is expected to be completed by 2022. The goal is to support "joint research on climate change, ecology and environmental pollution."³³⁹⁷

On 18 March 2020, the Federal Agency for Forestry "instructed regional ministry of natural resources of the Krasnodar Territory to strengthen campaigning aimed at preventing the burning of dry grass and compliance with fire safety rules in the forest." The goal is to prevent forest fire in the Krasnodar Territory.³³⁹⁸

³³⁹¹ Russia Wins Oil Concessions at Key OPEC+ Meeting, The Moscow Times (Moscow) 6 December 2019. Access Date: 9 February 2020. <https://www.themoscowtimes.com/2019/12/06/russia-wins-oil-concessions-at-key-opec-meeting-a68501>

³³⁹² World's First Floating Nuclear Plant Goes Online in Russia — Rosatom, The Moscow Times (Moscow) 19 December 2019. Access Date: 22 March 2020. <https://www.themoscowtimes.com/2019/12/19/worlds-first-floating-nuclear-plant-goes-online-in-russia-rosatom-a68683>

³³⁹³ The Russian government takes a major step to join the world community in recognizing the threat of climate change. High North News (Bodo) 8 January 2020. Access Date: 22 March 2020. <https://www.hightnorthnews.com/en/russia-unveils-climate-change-adaptation-plan>

³³⁹⁴ Russia unveils plan to 'use the advantages' of climate change, Deutsche Welle (Berlin) 6 January 2020. Access Date: 7 February 2020. <https://www.dw.com/en/russia-unveils-plan-to-use-the-advantages-of-climate-change/a-51894830>

³³⁹⁵ Russia unveils plan to 'use the advantages' of climate change, Deutsche Welle (Berlin) 6 January 2020. Access Date: 7 February 2020. <https://www.dw.com/en/russia-unveils-plan-to-use-the-advantages-of-climate-change/a-51894830>

³³⁹⁶ Press conference "Arctic station on carbonless energy: a new international project", Institute of Arctic Technologies MIPT (Moscow) 20 January 2020. Access Date: 8 February 8, 2020. <http://arctic-mipt.com/>

³³⁹⁷ Russia Steps into Oil-Free Future With New Arctic Research Station, The Moscow Times (Moscow) 31 January 2020. Access Date: 8 February 2020. <https://www.themoscowtimes.com/2020/01/31/station-arctic-without-oil-a69105>

³³⁹⁸ Forest departments of Trans-Baikal Territory, Jewish Autonomous Okrug and Krasnodar Territory are instructed to strengthen measures to control the forest fire situation, Ministry of Natural Resources of Russia (Moscow) 18 March 2020. Access Date: 22 March 2020.

On 18 March 2020, Minister of Natural Resources and Ecology of the Russian Federation Dmitry Kobylkin and Governor of the Amur Region Vasily Orlov identified three priority projects “for bank protection in order to protect the population from flood waters” in the Amur Region.³³⁹⁹

On 19 March 2020, the Federal Service for Hydrometeorology and Environmental Monitoring introduced “continuous operation of local warning systems for emergency situations at hydraulic structures,” “round-the-clock monitoring of water management situation” and “information exchange with other operational services regarding water management situation.”³⁴⁰⁰ The goal is to “regularly analyze the changes in the water management situation in the Russian Federation and organize preparations for the safe passage of floods in 2020.”³⁴⁰¹

Russia has partially complied with its commitment to strive to foster innovation in a wide range of areas for low emissions. While it has officially accepted the 2015 Paris Agreement, it has also abandoned carbon emissions quotas, penalties for Russia’s largest polluters and begun new coal-mining plans in conservation zones. However, it has fostered resilient development through its upgrades on the national climate monitoring system under the National Action Plan for the First Phase of Adaptation to Climate Change, flood prevention projects and warning systems.

Thus, Russia receives a score of 0.

Analyst: Wai Suet Gi Gi Chan

Saudi Arabia: 0

Saudi Arabia has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 1 July 2019, Crown Prince Mohammed bin Salman stated that Saudi Arabia is “working to develop a comprehensive and integrated energy-saving system through energy efficient programs.”³⁴⁰² To support this development, Saudi Arabia will work to ensure the safety and security of energy supplies.³⁴⁰³

On 8 August 2019 it was reported that Saudi Arabia’s Dumat Al Jandal 400 megawatt wind farm project achieved a low levelized cost of energy for onshore wind power at 1.99 cents per kilowatt

³³⁹⁹ The Ministry of Natural Resources of Russia discussed measures to prevent flood situations in the Amur Region in 2020, Ministry of Natural Resources of Russia (Moscow) 18 March 2020. Access Date: 22 March 2020.

http://www.mnr.gov.ru/press/news/v_minprirody_rossii_obsudili_mery_preduprezhdeniya_pavodkovykh_situatsiy_na_territorii_amurskoy Obla/

³⁴⁰⁰ On measures to ensure safe passage in 2020 in the territory of the Russian Federation and floods, Ministry of Natural Resources of Russia (Moscow) 19 March 2020. Access Date: 22 March 2020.

http://www.mnr.gov.ru/press/news/o_merakh_po_obespecheniyu_bezopasnogo_propuska_v_2020_godu_na_territoriyi_rf_polovodya_i_pavodkov/

³⁴⁰¹ On measures to ensure safe passage in 2020 in the territory of the Russian Federation and floods, Ministry of Natural Resources of Russia (Moscow) 19 March 2020. Access Date: 22 March 2020.

http://www.mnr.gov.ru/press/news/o_merakh_po_obespecheniyu_bezopasnogo_propuska_v_2020_godu_na_territoriyi_rf_polovodya_i_pavodkov/

³⁴⁰² Saudi Arabia committed to tackling climate change, says Crown Prince, Arab News (Riyadh). 1 July 2019. Access Date: 9 February 2020. <https://www.arabnews.com/node/1518106/saudi-arabia>

³⁴⁰³ Saudi Arabia committed to tackling climate change, says Crown Prince, Arab News (Riyadh). 1 July 2019. Access Date: 9 February 2020. <https://www.arabnews.com/node/1518106/saudi-arabia>

hour.³⁴⁰⁴ The wind farm project is scheduled to be in commercial operation by 2022. It is estimated to generate power to supply 70,000 homes in Saudi Arabia.

On 28 August 2019 Saudi Aramco announced it planned to continue deploying artificial coral reefs along the Southern Red Sea, building its work the previous year.³⁴⁰⁵

On 15 September 2019 it was announced that Aramco would plant one million native trees and the Khurais Producing Department would plant 15,000 trees by the end of 2019 in order to address desertification, biodiversity, carbon sequestration, sand drifts and create natural shade.³⁴⁰⁶ The project includes testing and evaluating the impact of tree plantation technologies on water consumption and conservation, growth rate and cost-effectiveness.

On 19 September 2019 it was announced that Saudi Aramco launched a collaboration with the Power Systems Renewables Department and Unconventional Resources on green energy applications and technologies to advance energy efficiency and the deployment of renewable energies via technological solutions.³⁴⁰⁷

On 29 September 2019, the Saudi Energy Efficiency Center launched a course on Energy Conservation in Government Buildings in Riyadh for specialists at governmental organizations.³⁴⁰⁸ A total of 10 courses were scheduled until the end of 2019 in various cities.

On 2 October 2019 it was announced the Oil and Gas Climate Initiative (OGCI), a group of energy companies, including Saudi Aramco, recently introduced new measures to spur large-scale investments in carbon capture and storage.³⁴⁰⁹ This includes efforts to reduce carbon intensity and improve energy efficiency.

On 29 October 2019 it was announced that Saudi Aramco signed an MoU with the Norwegian software company Aker to cooperate on green solutions and industrial digitalization.³⁴¹⁰

On 30 October 2019, Saudi Arabia proposed plans to launch a carbon trading scheme toward an effort to reduce greenhouse gas emissions. The goal is to diversify Saudi Arabia's energy supplies and reduce carbon emissions.³⁴¹¹

³⁴⁰⁴ Dumat Al Jandal Wind Project Beats Record Low Price for Onshore Wind Power, Power Saudi Arabia, 8 August 2019. Access Date: 25 September 2020. <https://www.powersaudiarabia.com.sa/web/attach/news/Dumat-Al-Jandal-Lowest-LCOE.pdf>.

³⁴⁰⁵ Increasing Efforts to Protect and Enhance Coral Reefs, Aramco, 28 August 2019. Access Date: 25 September 2020.

³⁴⁰⁶ Reducing Desertification with Native Trees, Aramco, 15 September 2019. Access Date: 25 September 2020.

<https://www.aramco.com/en/news-media/news/2019/reducing-desertification-with-native-trees>.

³⁴⁰⁷ Using Renewables to Power Unconventional Gas Wells in Wa'ad Al-Shamal, Aramco, 19 September 2019. Access Date: 25 September 2020. <https://www.aramco.com/en/news-media/news/2019/renewables-powering-gas-wells-waad-al-shamal>.

³⁴⁰⁸ Energy Conservation Courses Started in Government Buildings, Saudi Energy Efficiency Center, 9 March 2020. Access Date: 24 September 2020. <https://www.seec.gov.sa/en/media-center/events-and-activities/energy-conservation-courses-started-in-government-buildings/>.

³⁴⁰⁹ Oil and Gas Climate Initiative Sets Sights on Carbon Capture, Aramco, 2 October 2019. Access Date: 25 September 2020. <https://www.aramco.com/en/news-media/news/2019/ocgi-new-measures-climate-challenges>.

³⁴¹⁰ Norway's Aker to Cooperate with Saudi Aramco on Digitalization, Reuters, 29 October 2019. Access Date: 25 Septemeber 2020. <https://www.reuters.com/article/us-aker-saudi/norways-aker-to-cooperate-with-saudi-aramco-on-digitalization-idUSKBN1X81WW>.

³⁴¹¹ Saudi Arabia plans to launch carbon trading scheme, Reuters (Riyadh). October 30 2019. Access Date: 9 February 2020. <https://www.reuters.com/article/us-saudi-investments-energy/saudi-arabia-plans-to-launch-carbon-trading-scheme-idUSKBN1X91M1>

On 30 October 2019 Saudi Arabia announced to the press a proposal for a framework on a circular low-carbon economy to reduce greenhouse gas emissions and reported that the Saudi Energy Efficiency Program reduced energy intensity by 8 per cent.³⁴¹²

In November 2019, Saudi Arabia began the second phase of issuing a standard specification on requirements for anti-rotation and adhesion on wet surfaces for tires, a measure related to energy efficiency.³⁴¹³

In November 2019, the National Energy Efficiency Services Company (Tarsheed) completed the work on energy efficiency at the headquarters buildings of the Institute of Public Administration in Riyadh.³⁴¹⁴

In December 2019, it was reported that Tarsheed completed the “rehabilitation works of the first, second and third packages of its projects aimed at raising the level of energy efficiency in 126 public schools from the schools in Riyadh.”³⁴¹⁵

On 12 December 2019 Saudi Aramco unveiled a low CO2 truck at an event in Detroit, Michigan.³⁴¹⁶

On 28 January 2020 Saudi Arabia held a workshop on energy efficiency in household appliances and residential buildings, along with Japanese experts.³⁴¹⁷

On 8 February 2020, the Saudi government announced that it will host a carbon capture conference on 25-26 February 2020, with officials and executives of major companies in the oil and environmental sectors to discuss the role of carbon capture, utilization, and storage in enabling a circular carbon economy. The goal, says Oil Minister Shaikh Mohammad Al Khalifa, is to “combat climate change and increase oil production.”³⁴¹⁸

³⁴¹² Economist/His Highness Prince Abdulaziz bin Salman: The Saudi Energy Efficiency Program Reduced Energy Intensity by 8%, Saudi Press Agency, 30 October 2019. Access Date: 24 September 2020.

<https://www.spa.gov.sa/1989217>.

³⁴¹³ Transportation Sector, Saudi Energy Efficiency Center, n.d. Access Date: 24 September 2020.

<https://www.seec.gov.sa/en/energy-sectors/transportation-sector/>.

³⁴¹⁴ The National Energy Efficiency Services Company (Tarsheed) Completes the Rehabilitation of the Headquarters Buildings of the Institute of Public Administration in Riyadh, National Energy Services Company, November 2019.

Access Date: 24 September 2020. <https://www.tarshid.com.sa/ar/a-news/%D8%A7%D9%84%D8%B4%D8%B1%D9%83%D8%A9->

[https://www.tarshid.com.sa/ar/a-news/%D8%A7%D9%84%D9%88%D8%B7%D9%86%D9%8A%D8%A9-%D9%84%D8%AE%D8%AF%D9%85%D8%A7%D8%AA-%D9%83%D9%81%D8%A7%D8%A1%D8%A9/](https://www.tarshid.com.sa/ar/a-news/%D8%A7%D9%84%D9%88%D8%B7%D9%86%D9%8A%D8%A9-%D9%84%D8%AE%D8%AF%D9%85%D8%A7%D8%AA-%D9%83%D9%81%D8%A7%D8%A1%D8%A9-%D8%A7%D9%84%D8%B7%D8%A7%D9%82%D8%A9-%D8%AA%D8%B1/).

³⁴¹⁵ Completes Energy (Tarsheed) Efficiency Rehabilitation Works in 126 Schools in Riyadh, National Energy Services Company, December 2019. Access Date: 24 September 2020. <https://www.tarshid.com.sa/ar/a-news/%D8%AA%D8%B1%D8%B4%D9%8A%D8%AF-%D8%AA%D8%B3%D8%AA%D9%83%D9%85%D9%84-%D8%A3%D8%B9%D9%85%D8%A7%D9%84-%D8%A5%D8%B9%D8%A7%D8%AF%D8%A9-%D8%AA%D8%A3%D9%87%D9%8A%D9%84-%D9%83%D9%81%D8%A7%D8%A1%D8%A9/>.

³⁴¹⁶ Aramco Debuts Low CO2 Demonstration Truck at SAE Innovations in Mobility Event in Detroit, Aramco, 12 December 2019. Access Date: 25 September 2020. <https://www.aramco.com/en/news-media/news/2019/sae-innovations-mobility-event-detroit#>.

³⁴¹⁷ Economic/Energy Efficiency in Home Appliances and Residential Buildings Workshop at the Saudi Electronics Institute, 28 January 2020, Saudi Press Agency. Access Date: 24 September 2020.

<https://www.spa.gov.sa/viewfullstory.php?lang=ar&newsid=2027598>.

³⁴¹⁸ Saudi Arabia to host carbon capture conference, Trade Arabia (Riyadh) February 8 2020. Access Date: February 9 2020. http://tradearabia.com/news/IND_363854.html

On 9 February 2020, the Saudi Government's Eastern Province Secretariat announced that it will establish a new "Department of Coral Reef Protection." The goal is to protect, clean, and stabilize the formation and stabilization of coral islands while also protecting the coasts from erosion.³⁴¹⁹

On 20 February 2020 Saudi Arabia held a workshop on Opportunities in the Energy Efficiency Services Companies Sector.³⁴²⁰

On 25 February 2020 Saudi Arabia held an international conference on carbon capture, utilization and storage.³⁴²¹

On 2 March 2020, Saudi Arabia held a workshop with licensed energy efficiency services companies.³⁴²²

Saudi Arabia has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development. It has complied with its commitment to foster low emissions through its carbon trading scheme, Carbon Capture and Store technology and renewable energy. On resilient development it has promoted tree planting and coral reefs to address desertification and coastal erosion. However, on the latter it falls short of the "wide range" threshold.

Thus, Saudi Arabia receives a score of 0.

Analyst: Burhan Anees Khan

South Africa: 0

South Africa has partially complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 19 August 2019, the Department of Mineral Resources and Energy (DMRE) and the Independent Power Producer Office declared joint collaborations to add further consultations before the Integrated Resource Plan is promulgated. They declared future plans to attract financial investments in energy generation capacities in South Africa, including both renewables and non-renewables.³⁴²³ This collaboration will be jointly conducted by the implementation committee of the DMRE, the National Treasury and the Development Bank of Southern Africa.³⁴²⁴

On 5 September 2019, Minister of Environment, Forestry and Fisheries Barbara Creecy and Canada's Minister of Environment and Climate Change Catherine McKenna signed a memorandum

³⁴¹⁹ Creation of a Coral Reef Protection Department in the Eastern Region Municipality, Saudi Government Press Release (Riyadh) February 9 2020. Access Date: February 9 2020.
<https://www.mewa.gov.sa/ar/MediaCenter/PressReleases/PressFiles/20200209.pdf>

³⁴²⁰ Workshop Entitled Opportunities in the Energy Efficiency Services Companies Sector, 12 March 2020, Saudi Energy Efficiency Center. Access Date: 24 September 2020. <https://www.seec.gov.sa/en/media-center/events-and-activities/workshop-entitled-opportunities-in-the-efficiency-services-sector/>.

³⁴²¹ iCCUS 2020 Conference and Exhibition to Kick Off Today in Riyadh, Saudi Press Agency, 25 February 2020. Access Date: 25 September 2020. <https://www.spa.gov.sa/viewfullstory.php?lang=en&newsid=2038885>.

³⁴²² Workshop with Licensed Energy Efficiency Services Companies, 12 March 2020, Saudi Energy Efficiency Center. Access Date: 24 September 2020. <https://www.seec.gov.sa/en/media-center/events-and-activities/workshop-with-licensed-energy-efficiency-services-companies/>.

³⁴²³ Acting IPP Office head promises 'extensive' talks with stakeholders on new bid documents, Engineering News (Pretoria) 19 August 2019. Access Date: 12 February 2020. <https://m.miningweekly.com/article/acting-ipp-office-head-promises-extensive-talks-with-stakeholders-on-new-bid-documents-2019-08-19>

³⁴²⁴ Acting IPP Office head promises 'extensive' talks with stakeholders on new bid documents, Engineering News (Pretoria) 19 August 2019. Access Date: 12 February 2020. <https://m.miningweekly.com/article/acting-ipp-office-head-promises-extensive-talks-with-stakeholders-on-new-bid-documents-2019-08-19>

of understanding, stating their agreement to cooperate on environmental and climate issues. These issues include “fighting climate change, increasing environmental compliance and enforcement, improving chemicals and waste management, protecting biodiversity and enhancing conservation, and combating marine litter and plastics policy,” and utilizing technology for clean economic growth.³⁴²⁵

On 26 and 27 September 2019, Minister of Mineral Resources and Energy Samson Gwede Mantashe attended meetings with large energy providers in order to request that they lower the tariffs associated with power plants. The minister told independent power producers (IPPs) that the tariffs were placing a drain on energy-intensive industries, and were reducing the competitiveness and viability of investments in the renewable energy sector. In the statement, the Ministry stated that IPPs had committed to engage further and to “create working mechanisms to take these discussions forward in a positive and collaborative manner.”³⁴²⁶

On 8 October 2019, Minister Matashe declared continued support for South Africa’s Renewable Energy Independent Power Producer Procurement Programme (REIPPPP). It encourages investment in independent power producers, by generating 17,800 megawatts of renewable energy after 2012, moving from 5,000 megawatts in 2019 and a further 2,000 megawatts by 2020.³⁴²⁷

On 15 October 2019, the South African government announced its Integrated Resource Plan, which plans to commission another 24,000 to 26,000 megawatts of renewable energy in the next 11 years, backed by over ZAR1 trillion in funds.³⁴²⁸

On 26 October 2019, South Africa attended the 29th BASIC meeting in Beijing, with delegates from China, Brazil and India. In preparation for the 25th Conference of the Parties to the United Nations Framework Convention on Climate Change, they acknowledged climate change and “confirmed their commitments to multilateralism in order to address the issue and to foster climate resilience and promote greenhouse gas emissions reduction.”³⁴²⁹ They also emphasized their commitment to the implementation of the Paris Agreement and support of other developing countries in doing so as well as they are the most vulnerable to climate change repercussions.³⁴³⁰ Additionally, the BASIC

³⁴²⁵ South Africa and Canada agree to cooperate on environmental protection and climate change, Department of Environmental Affairs (Pretoria) 5 September 2019. Access Date: 3 April 2020. https://www.environment.gov.za/mediarelease/southafricaandcanada_environmentalprotection_climatechange_memorandumofunderstanding

³⁴²⁶ Government asks renewables IPPs to voluntarily lower tariffs, Engineering News (Pretoria) 27 September 2019. Access Date: 12 February 2020. <http://m.engineeringnews.co.za/article/government-asks-renewables-ipps-to-voluntarily-lower-tariffs-2019-09-27>

³⁴²⁷ Speech by the Minister of Mineral Resources and Energy Mr SAMSON GWEDE MANTASHE, MP at the WINDABA Conference 8th, October 2019, Ministry of Mineral Resources and Energy (Pretoria) October 8 2019. Access Date: 12 February 2020. <http://www.energy.gov.za/files/media/speeches/2019/Speech-by-Minister-at-WINDABA-Conference-081019.pdf>

³⁴²⁸ SA’s renewable IPP programme would benefit from changes that enhance local content, Energy MX (Pretoria) 15 October 2019. Access Date: 12 February 2020. <https://energymx.co.za/2019/10/15/sas-renewable-ipp-programme-would-benefit-from-changes-that-enhance-local-content/>

³⁴²⁹ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020. <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³⁴³⁰ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020. <https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

group encouraged funding to the Green Climate Fund to support developing countries as they adapt.³⁴³¹

On 15 November 2019, African Ministers of the Environment agreed to accelerate sustainable development action. The ministers committed to implement measures to ensure environmental stability, a circular economy, focusing on raising awareness to the role oceans and freshwater play in the economy, and the need to mitigate the effects of floods and cyclones alike.³⁴³² They also reaffirmed their commitment to promoting an economy based on biodiversity, and resilient development as part of their commitment to the Pan-African Action Agenda on Ecosystem Restoration for Increased Resilience.³⁴³³ Additionally, they restated their intention to provide sufficient resources to address land degradation and drought, and recognize the interconnectivity between climate change and development programs, the need to reduce plastic waste, and make stronger, informed decisions.³⁴³⁴

On 4 December 2019, South Africa issued a press report on its USAID South Africa Low Emissions Development Program. With ZAR200 million in funding from the government, the program currently holds a projected reduction of 600,000 tons of carbon dioxide emissions via SA-LED technical assistance across a variety of sectors. This includes the use of biogas digesters in order to generate energy, support in developing public-private partnerships to finance and procure clean energy, such as solar photovoltaic panels and mini-hydropower generation installations and increases in the structure of audit processes for water and waste treatment plants. USAID also plans to increase its achievements in technical standards, by training over 705 municipal officials on LED concepts and applications, including on the use of the Clean Energy Reduction tool and how to implement the SANS 10400-XA protocol.³⁴³⁵

On 10 December 2019, a new stage of REIPPPP's renewable energy initiative was announced, with 27 power plants under production, forecasted to add over 2,300 MW to South Africa's power grid. The project will provide a combination of wind, biomass, and hydro power, with 813 MW worth of solar power also coming in late February 2020. The Kangnas Wind Farm is expected to be fully operation by late August 2020, with its 61 turbines contributing a total of 140 MW to the grid. The government is also funding the construction of the Perdekraal East Wind Farm, with its 48 turbines expected to be installed by late April 2020.³⁴³⁶

³⁴³¹ Joint Statement issued at the Conclusion of the 29th BASIC Ministerial meet on Climate Change, Ministry of Environment, Forest and Climate Change (New Delhi) 26 October 2019. Date Accessed: 3 April 2020.

<https://pib.gov.in/Pressreleaseshare.aspx?PRID=1589318>

³⁴³² African Ministers of the Environment agree to accelerate action through effective mechanisms for sustainable development, Department of Environmental Affairs (Pretoria) 15 November 2019. Access Date: 3 April 2020.

https://www.environment.gov.za/mediarelease/amcen17agreement_sustainabledevelopmentaction#

³⁴³³ African Ministers of the Environment agree to accelerate action through effective mechanisms for sustainable development, Department of Environmental Affairs (Pretoria) 15 November 2019. Access Date: 3 April 2020.

https://www.environment.gov.za/mediarelease/amcen17agreement_sustainabledevelopmentaction#

³⁴³⁴ African Ministers of the Environment agree to accelerate action through effective mechanisms for sustainable development, Department of Environmental Affairs (Pretoria) 15 November 2019. Access Date: 3 April 2020.

https://www.environment.gov.za/mediarelease/amcen17agreement_sustainabledevelopmentaction#

³⁴³⁵ Announcing the USAID South Africa Low Emissions Development Program, Climatelinks (Pretoria) December 4 2019. Access Date: 12 February 2020. <https://www.climatelinks.org/blog/announcing-usaid-south-africa-low-emissions-development-program-climatelinks>

³⁴³⁶ Some light at the end of the load shedding tunnel, Business Insider South Africa (Pretoria) 10 December 2019. Access Date: 12 February 2020. <https://www.businessinsider.co.za/some-light-at-the-end-of-the-load-shedding-tunnel-new-independant-power-plants-could-be-connected-to-the-grid-by-february-heres-what-is-coming-online-and-when-2019-12>

On February 2020, the government announced a new measure for its operation to implement renewable energy sources. As part of its Integrated Resource Plan, government officials throughout 2019 and 2020 have devised a project to build 12 new Eolic energy plants, thus creating wind energy facilities to replace South Africa's wide-ranging use of coal. South Africa's current goal is to have, by 2030, 14.4 GW of consumed energy supplied by wind power. The government estimates that this is equal to 18 per cent of the total energy required nationally, meaning that it will have to add 1.6 GW of wind energy to the grid every year from 2019 leading up to 2030. The project thus entails the construction of 5,700 wind turbines, along with 640 new steel towers per year, located all throughout the western and eastern capes of its coastline.³⁴³⁷

On 4 March 2020, South Africa began construction of its Sirius Solar Plant, consolidating the first phase of a project designed to provide over 217 GW, leading to a reduction of over 180 thousand tonnes of carbon dioxide per year. The Sirius Solar Plant draws funding from the REIPP and is currently being built two other solar power plants expected to reach commercial operation by the end of the year, which will jointly provide 172 MW.³⁴³⁸

South Africa has partially complied with its commitment to foster innovation in a wide range of areas for low emissions though Integrated Resource Plan and USAID South African Low Emissions Development Program and Renewable Energy Independent Power Producer Procurement Programme. Further, it has strived to foster innovation in a wide range of areas for resilient development through the African Ministers of the Environment's reaffirmation of the Pan-African Action Agenda on Ecosystem Restoration for Increased Resilience, and its support for the Green Climate Fund. However, it falls short of the "wide range" threshold.

Thus, South Africa receives a score of 0.

Analyst: Lucy Faria

Turkey: +1

Turkey has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 23 September 2019, Minister of the Environment and Urbanization Murat Kurum spoke with United Nations Secretary-General Antonio Guterres about developments of Turkey's Infrastructure, Cities, and Local Action Working Group. Minister Kurum states that Turkey's buildings are responsible for emitting 40 per cent of global greenhouse gases of the sector. As such, they have prepared the Zero Carbon Buildings For All initiative.³⁴³⁹

On 5 October 2019, Minister Kurum announced that a tariff will be introduced for consumers of electricity produced from only renewable energy sources. He states that the Ministry will continue to increase domestic investment and share of renewables in electricity in geothermal power. He further states that Turkey continues to meet targets in increasing its capacity for renewable energy, reaching

³⁴³⁷ South Africa to Build 12 New Wind Farms to Replace Coal Stations by 2030, IT News Africa (Pretoria) 27 February 2020. Access Date: 23 March 2020. <https://www.itnewsafrica.com/2020/02/south-africa-to-build-12-new-wind-farms-to-replace-coal-stations-by-2030/>

³⁴³⁸ Scatec Solar's 86 MW Solar Project in South Africa Begins Operation, Mercom (New Delhi) 4 March 2020. Access Date: 23 March 2020. <https://mercomindia.com/scatec-solar-86-mw-solar-project-south-africa/>

³⁴³⁹ Climate Presentation in the United Nations from the Minister's Institution, The Ministry of Environment and Urbanization (Ankara) 23 September 2019. Access Date: 25 March 2020. <https://csb.gov.tr/bakan-kurum-dan-birlesmis-milletlerde-iklim-sunumu-bakanlik-faaliyetleri-28609>

4767 megawatts, and will continue to increase with the implementation of the Renewable Energy Resource Areas competitions.³⁴⁴⁰

On 16 October 2019, Minister Kurum, participated in the “Zero Waste on Green Economy Path” program, organized in the Waste Management Panel. This panel evaluates Turkish organizations and institutions and their compliance with the zero-waste system. They concluded that 25,000 organizations and institutions have met the zero-waste system. They are evaluated on the establishment of the building, monitoring, waste generation, and recycling.³⁴⁴¹

On 3 December 2019, Minister Kurum announces that exhaust gas emission measurements will be applied automatically, and criminal proceedings will begin to take place for those who do not comply on 1 January 2020. Vehicle owners are required to take their exhaust gas measurements by the end of the year to avoid penalties. The goal is to prevent vehicular-induced air pollution.³⁴⁴²

On 7 December 2019, the Ministry of Environment and Urbanization outlined Natural Reserve Areas of Protection, which include ecosystems that are in high risk of degradation and destruction as a result of human activities and require special protection actions from national and international governments.³⁴⁴³

On 10 December 2019, Minister Kurum spoke at the Ministerial Session of the 25th Conference of the Parties to the UN Climate Change Framework Convention. In his speech, he stated that Turkey is committed to fighting against climate change, citing the country’s significant progress in renewable energy and energy efficiency.³⁴⁴⁴ The country’s installations of renewable energy sources increased by 37 per cent from 2015. The country has also implemented the National Energy Efficiency Action Plan, which has set a road map to increase energy efficiency with 55 actions, among other important projects that aid in climate action.³⁴⁴⁵

On 10 December 2019, Minister Kurum spoke at the Turkey Authority Panel to announce that they will be constructing 25,000 sustainable social housing by 2023 as one of their initiatives to combat climate change.³⁴⁴⁶

³⁴⁴⁰ Electricity Renewable Energy Tariff On the Way, The Ministry of Energy and Natural Resources (Ankara) 5 October 2019. Access Date: 25 March 2020. <https://www.enerji.gov.tr/tr-TR/Bakanlik-Haberleri/Elektrikte-yenilenebilir-enerji-tarifesi-yolda>

³⁴⁴¹ Minister Institution: “25 Thousand Institutions and Our Organization Met Zero-Waste System,” The Ministry of Environment and Urbanization (Ankara) 16 October 2019. Access Date: 25 March 2020. <https://csb.gov.tr/bakan-kurum-25-bin-kurum-ve-kurulusumuz-sifir-atik-sistemiyle-tanisti-bakanlik-faaliyetleri-28623>

³⁴⁴² New Semester in Exhaust Measurement Starts at New Year, The Ministry of Environment and Urbanization (Ankara) 03 December 2019. Access Date: 25 March 2020. <https://csb.gov.tr/egzoz-olcumunde-yeni-donem-yilbasinda-basliyor-bakanlik-faaliyetleri-29658>

³⁴⁴³ Natural Site Areas Conservation and Conditions for Use, The Ministry of Environment and Urbanization (Ankara) 07 December 2019. Access Date: 25 March 2020. <https://csb.gov.tr/dogal-sit-alanlari-koruma-ve-kullanma-kosullari-belirlendi-bakanlik-faaliyetleri-29662>

³⁴⁴⁴ The Minister’s Institution Outlines the Steps Against Climate Change in Madrid, The Ministry of Environment and Urbanization (Ankara) 10 December 2019. Access Date: 25 March 2020. <https://csb.gov.tr/bakan-kurum-iklim-degisikligine-karsi-tilan-adimlari-madrid-te-anlatti-bakanlik-faaliyetleri-29667>

³⁴⁴⁵ The Minister’s Institution Outlines the Steps Against Climate Change in Madrid, The Ministry of Environment and Urbanization (Ankara) 10 December 2019. Access Date: 25 March 2020. <https://csb.gov.tr/bakan-kurum-iklim-degisikligine-karsi-tilan-adimlari-madrid-te-anlatti-bakanlik-faaliyetleri-29667>

³⁴⁴⁶ Minister Institution: “Cities Need to Transform for the Fight Against Climate Change,” The Ministry of Environment and Urbanization (Ankara) 10 December 2019. Access Date: 25 March 2020. <https://csb.gov.tr/bakan-kurum-iklim-degisikligiyle-mucadele-icin-sehirlerin-donusmesi-gerekli-bakanlik-faaliyetleri-29666>

On 12 December 2019, Minister Kurum spoke at the World Energy Outlook 2019 Turkey, which deliberated the theme of “Global Energy and Climate Developments and Implications for Turkey.” He stated, in his speech, that the consumption of coal globally has dramatically increased, and that more Research and Development and Innovation is required for a shift to clean coal technologies to occur.³⁴⁴⁷

On 14 January 2020, Minister Kurum attended the 7th OIZ Energy Summit, organized by the Industrial Zones Supreme Body (OSBUK). He cites in his speech that the Ministry has saved TRY89 million with VAP projects since 2009, in addition to making significant contributions in efficient engine and lighting electricity projects, and waste heat recovery projects. He states that they have achieved their primary energy savings of 493,000 tons of oil in the last ten years.³⁴⁴⁸

On 15 January 2020, Minister Kurum announced an extensive Smart City Project. The Smart city Project will see that “all urban transformation areas and 100 thousand social housing projects will be built according to the smart neighborhood concept.” Charging stations will be introduced to all buildings, and specific attention will be paid to each city’s unique needs.³⁴⁴⁹

On 23 January 2020, Turkey announced it will be developing environmentally friendly, energy efficient buildings. Recognizing that their building sector is responsible for 30 per cent of emissions, they have decided to proliferate the number of green housing with the National Green Certificate Scheme.³⁴⁵⁰

On 26 February 2020, Minister Kurum reminded the public of the 15-item action plan for the Black Sea Region, and stated that they have started to produce 15,000 houses as part of that plan. Due to climate change, it is estimated that 9,043 buildings are at risk and will be demolished. As such, the creation of these 15,000 houses will house them and will be “energy-efficient, climate-sensitive housing projects.”³⁴⁵¹

On 5 March 2020, Minister Kurum made a reminder of the announcement of the National Smart Cities Strategy and Action Plan that will make electric charging stations mandatory. They will be required in shopping centres and in public parking lots, so as to make them easily accessible.³⁴⁵²

Turkey has fully complied with its commitment to foster innovation in a wide range of areas for low emissions through low-emission initiatives that integrate Indigenous knowledge, geothermal energy and the continuation of the National Energy Efficiency Action Plan. Further, it has strived to foster innovation in a wide range of areas for resilient development through its sustainable, energy-efficient

³⁴⁴⁷ World Energy Outlook 2019, Turkey Launch, The Ministry of Energy and Natural Resources (Istanbul) 12 December 2020. Access Date: 25 March 2020. <https://www.enerji.gov.tr/tr-TR/Bakanlik-Haberleri/Dunya-Enerji-Gorunumu-2019-Turkiye-Lansmani>

³⁴⁴⁸ 7. OSB Energy Summit, The Ministry of Energy and Natural Resources (Ankara) 14 January 2020. Access Date: 25 March 2020. <https://www.enerji.gov.tr/tr-TR/Bakanlik-Haberleri/7-OSB-Enerji-Zirvesi>

³⁴⁴⁹ Opening of Smart Cities and Municipalities Congress and Exhibition Was Held, Ministry of Environment and Urban Planning (Ankara) 15 February 2020. Access Date: 3 April 2020. <https://www.csb.gov.tr/akilli-sehirler-ve-belediyeler-kongre-ve-sergisinin-acilisi-yapildi-bakanlik-faaliyetleri-29694>

³⁴⁵⁰ The Number of “Green Building” Will Increase with Domestic Green Certificate System Yes-TR, Ministry of Environment and Urban Planning (Ankara) 23 January 2020. Access Date: 3 April 2020. <https://www.csb.gov.tr/yerli-yesil-sertifika-sistemi-yes-tr-ile-yesil-bina-sayisi-artacak-bakanlik-faaliyetleri-29700>

³⁴⁵¹ The Minister’s Institution: “The Floors in Flood and Flood Living Areas Will be Move,” Ministry for the Environment and Urban Planning (Ankara) 26 February 2020. Access Date: 3 April 2020. <https://www.csb.gov.tr/bakan-kurum-sel-ve-taskin-yasananan-alanlardaki-konutlar-tasinacak-bakanlik-faaliyetleri-29721>

³⁴⁵² Minister Institution: “Electric Charging Stations Will be Mandatory,” Ministry for the Environment and Urban Planning (Ankara) 5 March 2020. Access Date: 3 April 2020. <https://www.csb.gov.tr/bakan-kurum-elektrikli-sarj-istasyonlari-zorunlu-olacak-bakanlik-faaliyetleri-29725>

housing and smart city development, and its participation in the Zero Waste Green Economy Path program.

Thus, Turkey receives a score of +1.

Analyst: Margaret de Leon

United Kingdom: +1

The United Kingdom has fully complied with its commitment to foster innovation in a wide range of areas for low emissions and resilient development.

On 27 June 2019, the United Kingdom passed a major piece of legislation stipulating net-zero emissions by 2050. The law was recommended by the Committee on Climate Change, the UK's independent climate advisory body, and contains legally binding provisions designed to hold future iterations of the British Parliament accountable for its implementation.³⁴⁵³

On 27 June 2019, the United Kingdom pledged GBP26 million in support of projects to accelerate carbon-capture developments and carbon storage, with the purpose of transitioning into a net zero emissions economy by capturing over 40,000 tonnes of carbon dioxide per year. The development is a joint venture between nine major British companies, led by Tata Chemicals in Cheshire. When it is completed in 2021, the project will be the largest carbon capture plant in the UK, with the capacity of removing 100 times more carbon dioxide from the atmosphere than the country's current largest facility.³⁴⁵⁴

On 10 August 2019, the United Kingdom announced a new phase of its Cob Bauge project, a joint venture with the French government that is in the process of developing energy-efficient housing, while also developing low-carbon technology in the field of construction. The development can save up to four tonnes of carbon dioxide emissions per building, and is significantly less carbon-intensive than concrete, brick and plastic building materials. It will also assist both governments in their goal to meet current EU targets, and reduce their energy use by 20 per cent of 2012 levels by 2020.³⁴⁵⁵

On 26 August 2019, the British government announced its plans to double Parliament's contribution to the Green Climate Fund, which was established as part of the UN climate change process. The additional funds are intended to "enable more investment in prevention and preparedness" and assist emerging markets and developing economies within the process of mitigating future emissions of carbon dioxide.³⁴⁵⁶

³⁴⁵³ UK becomes first major economy to pass net zero emissions law, Department for Business, Energy & Industrial Strategy (London) 27 June 2019. Access Date: 9 February 2020. [https://www.gov.uk/government/news/uk-becomes-first-major-economy-to-pass-netzero-emissions-law](https://www.gov.uk/government/news/uk-becomes-first-major-economy-to-pass-net-zero-emissions-law)

³⁴⁵⁴ UK's largest carbon capture project to prevent equivalent of 22,000 cars' emissions from polluting the atmosphere from 2021, Department for Business, Energy & Industrial Strategy (London) 27 June 2019. Access Date: 9 February 2020. <https://www.gov.uk/government/news/uk-s-largest-carbon-capture-project-to-prevent-equivalent-of-22000-cars-emissions-from-polluting-the-atmosphere-from-2021>

³⁴⁵⁵ Down-to-earth collaboration in France and England for low-carbon, sustainable houses, European Commission (Brussels) 10 August 2019. Access Date: 9 February 2020. https://ec.europa.eu/regional_policy/en/projects/france/down-to-earth-collaboration-in-france-and-england-for-low-carbon-sustainable-houses

³⁴⁵⁶ UK aid doubles support to reduce global carbon emissions and help developing countries adapt to the impact of climate change, Energy & Industrial Strategy (London) 26 August 2019. Access Date: 9 February 2020. <https://www.gov.uk/government/news/uk-aid-doubles-support-to-reduce-global-carbon-emissions-and-help-developing-countries-adapt-to-the-impact-of-climate-change>

On 2 October 2019, the United Kingdom published a press release setting out clear plans for future emission reductions by the Energy Networks Association, including investments by the Low Carbons Contract Company for large-scale renewable electricity for up to 16 GW of added renewable energy capacity.³⁴⁵⁷

On 3 October 2019, the government committed GBP220 million towards a new fusion reactor design programme. The government is currently working with engineers at the Culham Centre for Fusion Energy to develop the STEP project, which aims to build a plant capable of generating hundreds of megawatts of net electrical energy. Andrea Leadson, the UK Secretary of State, announced that “nuclear fusion has the potential to be an unlimited clean, safe and carbon-free energy source, and we want the first commercially viable machine to be in the UK.”³⁴⁵⁸

On 15 October 2019, Secretary of State Theresa Villiers spoke of its new Environment Bill. The bill will call for polluters to pay, damages prevented or mitigated, consideration for the environment throughout the entire government, and the adoption of precautionary approach in air quality, water, biodiversity and nature, resource efficiency and waste reduction. In regards to air quality, the UK invested GBP3.5 billion to reduce vehicular emissions.³⁴⁵⁹ For water, the bill aims at ensuring long-term water resources.³⁴⁶⁰ Regarding resources and waste, the bill will establish fines for single-use plastics, encourage reusable alternatives and implement efforts to introduce reusable drinking containers.³⁴⁶¹ The bill aims to tackle nature and biodiversity concerns by developing and publishing of Local Recovery Strategies for each habitat for better investments and results.³⁴⁶²

On 29 October 2019, the United Kingdom announced that it will double its contributions to International Climate Finance (ICF), providing GBP11.6 billion from the years 2021 to 2025 in order to enable developing countries to undertake greater climate action. The Office of the Prime Minister also declared its future plans to work with the ICF in order to “create clean growth markets,” invest in multi-donor funds, foster under-supported technologies, and drive decarbonization at a large commercial scale.³⁴⁶³

On 29 October 2019, Britain stated that its Department of Business, Energy, and Industrial Strategy has reopened the GBP10 million Rural Community Energy Fund, which provides financial, technical, and logistical support for rural communities in England that wish to develop renewable energy

³⁴⁵⁷ Clean Growth: Technologies for meeting the UK’s emissions reduction targets: Government and Ofgem Responses to the Committee’s Twentieth Report of Session 2017–19 First Special Report of Session 2017-2019, House of Commons Science and Technology Committee (London) 29 October 2019. Access Date: 9 February 2020.

<https://publications.parliament.uk/pa/cm201919/cmselect/cmsctech/287/287.pdf>

³⁴⁵⁸ UK announces £220m to design a ‘commercially viable’ fusion power plant, IOP Publishing (London) 3 October 2019. Access Date: 9 February 2020. <https://physicsworld.com/a/uk-announces-220m-to-design-a-commercially-viable-fusion-power-plant/>

³⁴⁵⁹ Leading the charge for the environment, Department for Environment, Food and Rural Affairs (London) 15 October 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/speeches/leading-the-charge-for-the-environment>

³⁴⁶⁰ Leading the charge for the environment, Department for Environment, Food and Rural Affairs (London) 15 October 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/speeches/leading-the-charge-for-the-environment>

³⁴⁶¹ Leading the charge for the environment, Department for Environment, Food and Rural Affairs (London) 15 October 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/speeches/leading-the-charge-for-the-environment>

³⁴⁶² Leading the charge for the environment, Department for Environment, Food and Rural Affairs (London) 15 October 2019. Access Date: 3 April 2020. <https://www.gov.uk/government/speeches/leading-the-charge-for-the-environment>

³⁴⁶³ Clean Growth: Technologies for meeting the UK’s emissions reduction targets: Government and Ofgem Responses to the Committee’s Twentieth Report of Session 2017–19 First Special Report of Session 2017-2019, House of Commons Science and Technology Committee (London) 29 October 2019 Access Date: 9 February 2020.

<https://publications.parliament.uk/pa/cm201919/cmselect/cmsctech/287/287.pdf>

projects. The fund is designed to cover pre-development costs of sustainable developments in the British agricultural sectors, in an effort to foster low carbon projects at reasonable costs.³⁴⁶⁴

On 4 February 2020, the government communicated its commitment to ban the sale of diesel and gasoline by 2035. Secretary of Transport Grant Shapps announced that Britain plans to allocate GBP1.5 billion towards fostering the large-scale use of electric vehicles, as a steady alternative to gas-fueled cars.³⁴⁶⁵

On 28 February 2020, Britain finalized the assembly of its new Zero Carbon Commission, which contains a variety of climate experts drawn from political, scientific, academic and climate policy backgrounds. The commission is projected to develop a national decarbonization strategy across all sectors, ultimately designing a carbon pricing system that will help drive the UK towards its 2050 net zero goal. In an open letter to the public, the group declared its plan to “move quickly to deliver a concrete plan of action” well before the 26th Conference of the Parties to the United Nations Framework Convention on Climate Change.³⁴⁶⁶

On 4 March 2020, the United Kingdom announced it intends to introduce E-10 petrol into gas stations. This plan entails supplying a lower carbon fuel, which is projected to cut carbon dioxide emissions from the transport sector. The government stated that low-carbon E-10 fuel could reduce carbon dioxide emissions by 750,000 tons per year, which would be equivalent to removing approximately 350,000 cars off the road.³⁴⁶⁷

On 7 March 2020, the Scottish government introduced low-emission zones in order to combat air pollution and encourage drivers to use cleaner green-energy vehicles. The low-emission zones will be established in Aberdeen, Dundee, Edinburgh, and Glasgow and will include punitive charges for drivers who do not comply with regulations. The plan will allow entrance into zones to all cars that qualify as “electric and ultra-low emission vehicles (ULEV),” which entails any vehicles, either full-electric or hybrid, which emit less than 75g/km of carbon dioxide. The government also plans to pair Scotland’s low-emission zones with a future plan for Air Quality Management Areas by 2023, which will help to further manage urban pollution and improve air quality in Scotland’s four biggest cities.³⁴⁶⁸

On 16 March 2020, the Department for Environment, Food and Rural Affairs and the Environment Agency launched a plan to meet water shortages as a result of climate change, in order to foster resilience. The National Framework for Water Resources combines the industry, regulators and the government to reduce the average litres per person to 100 per day, improve water efficiency, decrease

³⁴⁶⁴ Clean Growth: Technologies for meeting the UK’s emissions reduction targets: Government and Ofgem Responses to the Committee’s Twentieth Report of Session 2017–19 First Special Report of Session 2017-2019, House of Commons Science and Technology Committee (London) 29 October 2019. Access Date: 9 February 2020. <https://publications.parliament.uk/pa/cm201919/cmselect/cmsctech/287/287.pdf>

³⁴⁶⁵ UK government plans to ban the sale of diesel and gasoline cars by 2035, CNBC (London) 4 February 2020. Access Date: 23 March 2020. <https://www.cnbc.com/2020/02/04/uk-government-plans-to-ban-sale-of-diesel-and-gasoline-cars-by-2035.html>

³⁴⁶⁶ Towards Zero Carbon: Expert commission begins work to design UK carbon pricing system, Business Green (London) 28 February 2020. Access Date: 23 March 2020. <https://www.businessgreen.com/news/4011533/zero-carbon-expert-commission-begins-design-uk-carbon-pricing>

³⁴⁶⁷ In bid to cut transport emissions, UK government wants to introduce lower carbon fuel to gas stations, CNBC (London) 4 March 2020. Access Date: 23 March 2020. <https://www.cnbc.com/2020/03/04/uk-wants-to-introduce-lower-carbon-gasoline-to-filling-stations.html>

³⁴⁶⁸ Scottish cities introduce low emission zones, AutoTrader U.K (London) 7 March 2020. Access Date: 23 March 2020. <https://www.autotrader.co.uk/content/news/scottish-cities-introduce-low-emission-zones>

leakage, develop new reservoirs, enhance regional water transfers and reduce the use of harmful drought measures.³⁴⁶⁹

On 16 March 2020, the Department for Environment, Food and Rural Affairs announced the seven-year Agricultural Transition period will commence with GBP1 million in Future Farming Resilience Funding to support farmers as they adopt new farming methods.³⁴⁷⁰

On 18 March 2020, the government announced that local communities across England would be provided more than GBP2.2 million in air quality funding as part of the Air Quality Grant program that seeks to lower emissions. Additionally, there is the Clean Air Strategy that aims to phaseout domestic coal and wet wood usage for cleaner alternatives.³⁴⁷¹

The United Kingdom has fully complied with its commitment to foster innovation in a wide range of areas for low emissions through its emphasis on carbon capture and storage technology, clean transportation projects and the Rural Community Energy Fund. Further, it has strived to foster innovation in a wide range of areas for resilient development through its contribution to the Green Climate Fund, resilient farming, and the National Framework for Water Resources.

Thus, the United Kingdom receives a score of +1.

Analyst: Lucy Faria

United States: 0

The United States has partially complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 13 September 2019, the Department of Energy's Office of Fossil Energy announced it will provide approximately USD100 million for research and development for carbon capture, utilization and storage in order to lower CO₂ emissions.³⁴⁷²

On 4 October 2019, the US and India launched the Flexible Resource Initiative in New Delhi, under the US-India Clean Energy Finance Task Force. The goal is so “develop strategies to ensure that India’s power systems are flexible enough to integrate renewable energy within the next decade, while still meeting market demands for electricity, in order to achieve its renewable energy vision.”³⁴⁷³

³⁴⁶⁹ Preserving our water resources in a changing climate — industry and government tackle threat to future water supplies, Department for Environment, Food and Rural Affairs (London) 16 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/preserving-our-water-resources-in-a-changing-climate-industry-and-government-tackle-threat-to-future-water-supplies>

³⁴⁷⁰ £1 million to support transition to future farming system, Department for Environment, Food and Rural Affairs (London) 16 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/1-million-to-support-transition-to-future-farming-system>

³⁴⁷¹ Local authorities get £2.2 million boost to tackle air pollution, Department for Environment, Food and Rural Affairs (London) 18 March 2020. Access Date: 3 April 2020. <https://www.gov.uk/government/news/local-authorities-get-22-million-boost-to-tackle-air-pollution>

³⁴⁷² US Department of Energy Announces \$100M for Carbon Capture, Utilization, and Storage, Department of Energy (Washington) 13 September 2019. Access Date: 3 April 2020. <https://www.energy.gov/articles/us-department-energy-announces-110m-carbon-capture-utilization-and-storage>

³⁴⁷³ United States and India Launch Flexible Resources Initiative-Growth through Clean Energy, US Department of State (Washington) 4 October 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-india-launch-flexible-resources-initiative-growth-through-clean-energy/>

On 22 October 2019, the Department of Energy announced it will allocate USD28 million for wind energy research, developing, testing, demonstration and development.³⁴⁷⁴

On 2 November 2019, the governments of the United States and Korea agreed to bilateral cooperation between the New Southern Policy and the Indo-Pacific Strategy at the East Asia Summit in Bangkok, Thailand. The goals of the agreement are far-reaching, but some include strengthening natural resource management to limit plastic waste production, sustainable water management projects, and funding climate change response.³⁴⁷⁵

On 6 November 2019, the Department of Energy announced it will be providing USD128 million to enhance solar energy technologies. 75 research projects will be funded.³⁴⁷⁶

On 18 November 2019, Assistant Secretary of State for Energy Resources Francis Fannon and Australian Ambassador Joe Hockey signed a memorandum of understanding on energy mineral resources. The goals are to: “1) promote responsible and sustainable mining practices in the energy mineral sector, 2) support resilient supply chains of energy minerals by facilitating trade and industry connectivity, 3) establish measures to meet expected demand for clean energy technologies.”³⁴⁷⁷

On 18 December 2019, Assistant Secretary Fannon and Canadian Associate Deputy Minister of Natural Resources Shawn Tupper signed a memorandum of understanding on energy mineral resources. The goals are to: “1) promote responsible and sustainable mining practices in the energy mineral sector, 2) support resilient supply chains of energy minerals by facilitating trade and industry connectivity, 3) establish measures to meet expected demand for clean energy technologies.”³⁴⁷⁸

On 5 February 2020, the Department of Energy announced it would allocate up to USD125.5 million for research into solar energy technologies. The research and development will permit a reduced cost of solar energy.³⁴⁷⁹ Moreover, the Department of Energy and the Office of Energy Efficiency and Renewable Energy also announced that up to USD4.8 million will go towards geothermal research and USD300 million for sustainable transportation.

³⁴⁷⁴ DOE Awards \$28 Million for Wind energy Research, Development, and Demonstration Projects, US Department of Energy (Washington) 22 October 2019. Access Date: 2 February 2020. <https://www.energy.gov/articles/doe-awards-28-million-wind-energy-research-development-and-demonstration-projects>

³⁴⁷⁵ Joint Fact Sheet by the United States and the Republic of Korea on Cooperation between the New Southern Policy and the Indo-Pacific Strategy, US Department of State (Washington) 2 November 2019. Access Date: 2 February 2020. <https://www.state.gov/joint-statement-by-the-united-states-and-the-republic-of-korea-on-cooperation-between-the-new-southern-policy-and-the-indo-pacific-strategy/>

³⁴⁷⁶ Department of Energy Announces \$128 Million in New Projects to Advance Solar Technologies, Department of Energy (Washington) 6 November 2019. Access Date: 3 April 2020. <https://www.energy.gov/articles/department-energy-announces-128-million-new-projects-advance-solar-technologies>

³⁴⁷⁷ United States and Australia Sign MoU on Critical Energy Minerals, US Department of State (Washington) 18 November 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-australia-sign-mou-on-critical-energy-minerals/>

³⁴⁷⁸ United States and Canada Sign Memorandum of Understanding on Critical Energy Minerals, US Department of State (Washington) 18 December 2019. Access Date: 2 February 2020. <https://www.state.gov/united-states-and-canada-sign-memorandum-of-understanding-on-critical-energy-minerals/>

³⁴⁷⁹ Department of Energy Announces \$125.5 Million in New Funding for Solar Technologies, Department of Energy (Washington) 5 February 2020. Access Date: 3 April 2020. <https://www.energy.gov/articles/department-energy-announces-1255-million-new-funding-solar-technologies>

On 19 February 2020, the Department of Energy stated it would provide USD100 million for research into artificial photosynthesis to create solar fuels.³⁴⁸⁰

On 30 March 2020, the Department of Energy announced it will provide USD22 million for research into carbon capture, utilization and storage technology.³⁴⁸¹

The United States has partially complied with its commitment to foster innovation in a wide range of areas for lower emissions and resilient development. It has complied with its commitment to foster low emissions through its investment in carbon capture, utilization and storage technology as well as other funding geothermal and solar energy. Further, it has strived to foster innovation in a wide range of areas for resilient development through the New Southern Policy and the Indo-Pacific Strategy agreed to at the East Asia Summit. However, it has fallen short of the “wide range” threshold.

Thus, the United States receives a score of 0.

Analyst: Gabrielle Regimbal

European Union: +1

The European Union has fully complied with its commitment to strive to foster innovation in a wide range of areas for low emissions and resilient development.

On 5 June 2019, the European Union set a regulation on the carbon dioxide emission performance standards for new heavy-duty vehicles, which took effect 14 August 2019. This new standard aims to reduce carbon dioxide emissions in accordance with previous legislation regarding climate change objectives.³⁴⁸² The regulation includes incentives for low-emissions and zero-emissions vehicles, as well as financial penalties for excess emissions.³⁴⁸³

On 5 June 2019, the European Union set a regulation on the internal market for electricity, which took effect 1 January 2020. The regulation sets a number of principles on which electricity markets should be operated. Although the regulation has many goals, it is relevant to the European Union’s commitment as it aims to support the decarbonization of the European Union’s energy sector, thus fostering innovation towards lowering emissions.³⁴⁸⁴

On 27 November 2019, the European Union set a regulation on sustainability-related discourses in the financial services sector. Among other objectives, this new regulation aims to increase transparency on adverse impacts on sustainability in decisions made in the financial market. This regulation was set in accordance with various legislation including the United Nations global

³⁴⁸⁰ Department of Energy to Provide 100 Million for Solar Fuels Research, Department of Energy (Washington) 19 February 2020. Access Date: 3 April 2020. <https://www.energy.gov/articles/department-energy-provide-100-million-solar-fuels-research>

³⁴⁸¹ Department of Energy to Provide \$22 Million for Research on Capturing Carbon Dioxide from Air, Department of Energy (Washington) 30 March 2020. Access Date: 3 April 2020. <https://www.energy.gov/articles/department-energy-provide-22-million-research-capturing-carbon-dioxide-air>

³⁴⁸² Regulation (EU) 2019/1242 of the European Parliament of the Council, European Union Law (Brussels) 25 July 2019. Access Date: 9 February 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32019R1242>

³⁴⁸³ CO2 emission performance standards for new heavy-duty vehicles, European Union Law (Brussels) 6 February 2020. Access Date: 9 February 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1581292498724&uri=LEGISSUM:4415454>

³⁴⁸⁴ Risk-preparedness in the electricity sector, European Union Law (Brussels) 25 July 2019. Access Date: 9 February 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1581292498724&uri=LEGISSUM:4404054>.

sustainable development framework and the United Nations Framework Convention on Climate Change.³⁴⁸⁵

On 22 January 2020, the European Union loaned EUR27 million to Arteche Group to fund its research and innovation strategy to modernize its digital infrastructure. This strategy, among other things, aims to integrate renewable energy into the digital network used by the Arteche Group.³⁴⁸⁶

On 28 January 2020, the European Investment Bank signed two agreements, each allocating EUR23.2 million in loans to fund modernization programs in Polish cities. These programs aim to reduce energy loss and improve air quality.³⁴⁸⁷

On 4 February 2020, the European Commission and the European Investment Fund partnered to launch the EUR75 million BlueInvest Fund to fund economic activities related to oceans, seas and coasts as “oceans are the first in line to be hit by climate change.”³⁴⁸⁸ These activities are thought to have an important role in the European Union’s goal to have a carbon-neutral economy by 2050. The European Commission also funds an additional EUR40 million through the European Maritime and Fisheries Fund to help with the development of “new innovative and sustainable products, technologies and services.”³⁴⁸⁹

On 5 February 2020, the European Investment Bank allocated EUR60 million to the Spanish energy company CEPSA to fund the implementation of more sustainable and efficient technologies such as the “Detał” system. The technology has been proven to reduce carbon dioxide emissions, use of water and use of electricity.³⁴⁹⁰

On 13 February 2020, the European Commission, along with Austria, France, Liechtenstein, Luxembourg, the Netherlands, Switzerland, Germany, and the Belgian Wallonia region adopted the Rhine 2040 programme. This collaboration of countries situated along the Rhine river aims at “managing the Rhine and its river basin in a sustainable way and make it climate resilient.”³⁴⁹¹

³⁴⁸⁵ Regulation (EU) 2016/2088 of the European Parliament of the Council, European Union Law (Brussels) 9 December 2019. Access Date: 9 February 2020. <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1581376951124&uri=CELEX:32019R2088>

³⁴⁸⁶ Investment Plan supports innovative electric power company in Spain, European Commission (Brussels) 22 January 2020. Access Date: March 18, 2020. https://ec.europa.eu/info/news/investment-plan-supports-innovative-electric-power-company-spain-2020-jan-22_en

³⁴⁸⁷ Investment Plan supports energy-saving upgrade of heating distribution networks in two Polish cities, European Commission (Brussels) 28 January 2020. Access Date: 18 March 2020. https://ec.europa.eu/info/news/investment-plan-supports-energy-saving-upgrade-heating-distribution-networks-two-polish-cities-2020-jan-28_en

³⁴⁸⁸ European Commission and European Investment Fund launch €75 million BlueInvest Fund, European Commission (Brussels) 4 February 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_167

³⁴⁸⁹ European Commission and European Investment Fund launch €75 million BlueInvest Fund, European Commission (Brussels) 4 February 2020. Access Date: 9 February 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_167

³⁴⁹⁰ Investment Plan helps Spanish energy company CEPSA to become greener, European Commission (Brussels) 5 February 2020. Access Date: 18 March 2020. https://ec.europa.eu/info/news/investment-plan-helps-spanish-energy-company-cepsa-become-greener-2020-feb-05_en

³⁴⁹¹ Rhine countries adopt programme for sustainable management and climate resilience, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 13 February 2020. Access Date: 22 March 2020. <https://www.bmu.de/en/pressrelease/rhine-countries-adopt-programme-for-sustainable-management-and-climate-resilience/>

Methods of increasing the resilience include focusing on “interconnected habitats and increased biodiversity, good water quality, reduction of flood risk and coping with low water.”³⁴⁹²

On 17 February 2020, the European Commission announced their EUR101.2 million investment into the projects of the LIFE program for Environment and Climate Action. The money will be allocated to ten large-scale projects aiming to help Europe’s transition to a sustainable economy and climate neutrality.³⁴⁹³ The goal of this program is to focus on nature conservation, air quality and greening the economy to foster resilience to climate change.³⁴⁹⁴

On 27 February 2020, the European Investment Bank signed an agreement with the Latvian National Promotional Institution Altum to loan EUR18 million to fund energy efficient projects conducted by Latvian companies. The funding will be focused specifically on the industry sector.³⁴⁹⁵

On 13 March 2020, the European Commission allocated EUR980 million to support key European energy infrastructure projects that qualify for the funding. Included in the goals for the projects that would receive funding are contributing to sustainable development and reducing carbon dioxide emissions.³⁴⁹⁶

On 20 March 2020, the European Commission approved a EUR77 million investment into upgrading the waste management system in Bulgaria. The goal of this investment is to help provide more affordable clean energy, derived from unrecyclable municipal waste that will have fewer negative impacts on the environment.³⁴⁹⁷

The European Union has fully complied with its commitment to foster innovation in a wide range of areas for low emissions though the reduction CO2 emissions from heavy-duty vehicles, the energy sector and focus on biodiversity. Further, it has strived to foster innovation in a wide range of areas for resilient development through BlueInvest, its assistance to Polish cities and the Rhine 2040 programme and the LIFE program for Environment and Climate Action.

Thus, the European Union receives a score of +1.

Analyst: Jenna Im

³⁴⁹² Rhine countries adopt programme for sustainable management and climate resilience, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Berlin) 13 February 2020. Access Date: 22 March 2020. <https://www.bmu.de/en/pressrelease/rhine-countries-adopt-programme-for-sustainable-management-and-climate-resilience/>

³⁴⁹³ EU invests more than €100 million in new LIFE Programme projects to promote a green and climate-neutral Europe, European Commission (Brussels) 17 February 2020. Access Date: 18 March 2020. https://ec.europa.eu/clima/news/eu-invests-more-100-million-new-life-programme-projects-promote-green-and-climate-neutral_en

³⁴⁹⁴ EU invests more than €100 million in new LIFE Programme projects to promote a green and climate-neutral Europe, European Commission (Brussels) 17 February 2020. Access Date: 18 March 2020. https://ec.europa.eu/clima/news/eu-invests-more-100-million-new-life-programme-projects-promote-green-and-climate-neutral_en

³⁴⁹⁵ Altum and EIB join forces for energy efficiency investments in Latvia, European Commission (Brussels) 27 February 2020. Access Date: 18 March 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_329

³⁴⁹⁶ Energy Union: €980 million in EU funding available for clean energy infrastructure, European Commission (Brussels) 13 March 2020. Access Date: 18 March 2020. https://ec.europa.eu/info/news/energy-union-eu980-million-eu-funding-available-clean-energy-infrastructure-2020-mar-13_en

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