



The

G20 Research Group at Trinity College at the Munk School of Global Affairs and Public Policy in the University of Toronto presents the

2017 G20 Hamburg Summit Final Compliance Report

8 July 2017 to 30 October 2018

Prepared by

Sophie Barnett, Hélène Emorine and the G20 Research Group, Toronto, and Irina Popova, Andrey Shelepov, Andrei Sakharov and Alexander Ignatov and the Center for International Institutions Research

of the Russian Presidential Academy of National Economy and Public Administration, Moscow

29 November 2018

www.g20.utoronto.ca g20@utoronto.ca

"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



munkschool.utoronto.ca

Contents

Preface	3
G20 Research Group Research Team	4
G20 Research Group Lead Analysts	4
G20 Research Group Analysts	4
CIIR G20 Research Team	5
CIIR Analysts	5
Introduction and Summary	6
Methodology and Scoring System	6
Commitment Breakdown	6
Selection of Commitments	7
Final Compliance Scores	7
Final Compliance by Member	7
Final Compliance by Commitment	7
Table 1: 2017 G20 Hamburg Summit Commitments Selected for Compliance Monitoring	
Table 2: 2017 G20 Hamburg Summit Final Compliance Scores — All	10
Table 3: 2017 G20 Hamburg Summit Final Compliance Scores — G20 Research Group.	11
Table 4: 2017 G20 Hamburg Summit Final Compliance Scores — CIIR	12
Table 5: 2017 G20 Hamburg Summit Final Compliance by Member — All	13
Table 6: 2017 G20 Hamburg Summit Final Compliance by Member — G20 Research Gr	oup 14
Table 7: 2017 G20 Hamburg Summit Final Compliance by Member — CIIR	14
Table 8: 2017 G20 Hamburg Summit Final Compliance by Commitment — All	14
Table 9: 2017 G20 Hamburg Summit Final Compliance by Commitment — G20 Researce	:h
Group	
Table 10: 2017 G20 Hamburg Summit Final Compliance by Commitment — CIIR	15
Table 11: G20 Compliance by Member, 2008–2016	16
Conclusions	17
Future Research and Reports	17
Considerations and Limitations	17
Appendix: General Considerations	18
PART ONE: G20 RESEARCH GROUP ASSESSMENTS	19
1. Climate Change: Energy and Energy Efficiency	
2. Corruption: Resilience	
3. Digitalization: Digital Economy	
4. Gender: Access to Labour Markets	
5. Health: Health System Strengthening	
6. Macroeconomics: Inclusive Business Ecosystems	
7. Migration	
8. Sustainable Development Goals: Alignment	493
9. Tax: Fair and Modern System	
10. Trade: Trade and Investment Frameworks	
PART TWO: CIIR ASSESSMENTS	697
11. International Taxation: Base Erosion and Profit Shifting	
12. Financial Regulation: Basel III	
13. Development: Digital and Financial Literacy	
14. Climate Change: Climate Resilience	
15. Environment: Waste Reduction	
16. Food and Agriculture: Information and Communications Technologies	
17. Energy: Sustainable Energy	
OF	

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), 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 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.

Professor John Kirton Director, G20 Research Group

G20 Research Group Research Team

Professor John Kirton, Director, G20 Research Group

Sophie Barnett, Co-chair, Summit Studies Hélène Emorine, Co-chair, Summit Studies

Alessandra Cicci, Compliance Director

Jiyoon Han, Compliance Director

Angela Hou, Compliance Director

Riam Kim-McLeod, Compliance Director

Grace Lee, Compliance Director

Georgina Merhom, Compliance Director

Cindy Ou, Compliance Director Anton Rizor, Compliance Director Julia Tops, Compliance Director Sanjana Shah, Compliance Director

G20 Research Group Lead Analysts

Meagan Byrd Carey Roach
Tatiana Ferrara Wilkey Rong
Jane Filipiuk Christopher Sims
Laila Kanji Ian Stansbury
Tasnia Khan Mariya-Kvitlana Tsap

G20 Research Group Analysts

Nammal Khan Nadine Abdel Razek Manuela Duque Nour Abdelaal Sila Elgin Jun Luciano Kwon Jessica Afonso Benjamin Falconer Ashley Lall Nadia Larocca Joy Lizette Aguilar Sara Fallaha Rakan Al Nemri Rosie Fan Stephanie Le Lisa Alers-Hankey Abby Lessard John Fraser Alyssa Atef Clara Geddes Sterling Mancuso Martin Cheng Hao Gui Kathryn Mannie Elie Atieh Nasser Haidar Grace Marshall Dillon Aube Arshia Hassani Tyler McMurdo Goodlet Owusu Ansah Assana Bakary Leiwen He Jijung Meng Bianca Meta David Baldridge Meghan Henderson

Alok Herath **Edward Barss** Anahid Najafizadeh Flavian Berneaga Andrea Ho Girish Nandakumar Adrien Blanchard Jane Huang Mary Nedumthallil Dorota Borovsky Olivia Huang Jacob Newfeld Jamie Huiyi Chen Dion Hu Mertol Özaltan Stacy Chen Faaris Hussain Karen Power Kelly Cholvat Joanna Illuna-Kapinga Nancy Qin Emily Chu Nadin Ramadan Nina Jabbari Ingrid (Yuan) Chuang Kamara Jeffrey Kate Reeve Wilkey Rong Bruce Cinnamon Nancy Ji Dominic Colangelo Tyler Kanoff Joshua Rossetti Natasha Comeau Ioanna Karcas Armin Safavi Micaela Corcoran Sofia Kavlin Raafia Shahid Christian D'Agnillo Almeera Khalid Ce Shang Sonja Dobson Sharika Khan Tanvi Shetty

Turina Simanduyev Nicole Vucemilo Collin Xia
Olivia Smith Sebastian Warma Chen Ou Yang
Ayana Sunami Yi (Ashley) Wei Ivana Yuen
Dritshti Thakkar Anna Wong
Cameron Ting Crystal Wong Maria Zelenova

Wing Ka Tsang
Goran Todorovic

Heather Wong
Zhijun Zhou
Danielle Zhuo

CIIR G20 Research Team

Marina Larionova, director Alexander Ignatov Irina Popova Andrei Sakharov Andrey Shelepov

CIIR Analysts

Maxim Piskarev Vadim Agroskin Angelina Khudoleeva Angelina Belichenko Aradiy Khudyakov Ekaterina Rossolovskaya Pavel Doronin Uliana Koptukh Elizaveta Safonkina Nikita Efremov Diana Kovrigina Svetlana Shapovalova Daria Evreeva Dmitriy Logvinenko Anastasia Shkrebo Ekaterina Fedyushkina Manuchekhr Mukhammedov Polina Shtanko Alena Kataeva Valentin Osipov Anna Tsvetkova Karina Khasanova Kristina Palchikova Alena Zhogol

Introduction and Summary

The G20 2017 Hamburg Interim Compliance Report is prepared by the G20 Research Group based at the University of Toronto and its Russian partners 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 a selection of 17 priority commitments of a total of 531 commitments made at the Hamburg Summit hosted by Germany on 7-8 July 2017. The report covers relevant actions taken by the G20 members between 8 July 2017 to 30 October 2018.

Methodology and Scoring System

This report draws on the methodology developed by the G8 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 multiyear project in 2005, and Bond University participated in 2014). 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 -1 compliance score 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 (formerly the research team at IORI HSE) 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 531 commitments at the Hamburg Summit.² These commitments, as identified by the G20 Research Group and RANEPA, are drawn from the official G20 Leaders' Declaration, G20 Action Plan on Marine Litter, Hamburg Update: Taking Forward the G20 Action Plan on the 2030 Agenda, Hamburg Action Plan, G20 Initiative for Rural Youth Employment, G20 Hamburg Climate and Energy Action Plan for Growth, G20 Initiative "#eSkills4Girls," Leaders' Statement on Countering Terrorism, and G20 Africa Partnership.

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.

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).

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 G8 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 secondary criteria of performance measurability and ability to comply to some degree within a year, as well as tertiary criteria of significance as identified by scientific teams and relevant stakeholders in the host country.

For the 2017 Hamburg Final Compliance Report, 17 priority commitments were selected for assessment by the University of Toronto and RANEPA teams from the 531 commitments made at the Hamburg Summit (see Table 1).

Final Compliance Scores

The assessment is based on relevant, publicly available information relating to actions taken from 8 July 2017 to 30 October 2018. The final compliance scores by commitment are contained in Table 2. Country rankings are listed in Table 5 and commitment rankings are listed in Table 8.

For the full final report and including all 17 priority commitments, G20 members achieved an average final compliance score of 87%.

Final Compliance by Member

For compliance with the Hamburg Summit's priority commitments, Canada, the European Union, France, the United Kingdom and Indonesia have the highest rate of compliance at +0.94 (97%), followed by Germany at +0.88 (94%). The lowest scoring member is Turkey with +0.29 (65%). The difference between the highest and lowest G20 member compliance scores is +0.65. For more information about compliance by G20 members, see Table 11.

Final Compliance by Commitment

This particular compliance cycle has produced a high level of compliance for several areas so far. The commitment on financial regulation (Basel III) and international taxation (base erosion and profit shifting) ranked highest at +1.00 (100%), followed by the commitment on digitalization at +0.90 (95%) and on the Sustainable Development Goals at +0.75 (88%). The lowest score was on migration at +0.35 (68%). For more information on scoring by commitment, see Table 8.

Table 1: 2017 G20 Hamburg Summit Commitments Selected for Compliance Monitoring

		and committee of completing monitoring
1	Climate Change: Energy and Energy Efficiency	"We remain collectively committed to mitigate greenhouse gas emissions through, among others, increased innovation on sustainable and clean energies and energy efficiency." (G20 Leaders' Declaration: Shaping an Interconnected World)
2	Corruption: Resilience	"We commit to organising our public administrations to be more resilient against corruption." (G20 Leaders' Declaration: Shaping an Interconnected World)
3	Digitalization: Digital Economy	"We aim to foster favourable conditions for the development of the digital economy." (G20 Leaders' Declaration: Shaping an Interconnected World)
4	Gender: Access to Labour Markets	"We will improve women's access to labour markets through the provision of quality education and training, supporting infrastructure, public services and social protection policies and legal reforms, where appropriate." (G20 Leaders' Declaration: Shaping an Interconnected World)
5	Health: Health System Strengthening	"We strive for cooperative action to strengthen health systems worldwide, including through developing the health workforce." (G20 Leaders' Declaration: Shaping an Interconnected World)
6	Macroeconomics: Inclusive Business Ecosystems	"Facilitate learning, dialogue and exchanges of experiences and good practices among all stakeholders such as the private sector and governments with the objective of agreeing on the characteristics of productive inclusive business ecosystems and developing effective policy instruments and practical tools." (Hamburg Update: Taking Forward the G20 Action Plan on the 2030 Agenda)
7	Migration: Addressing Needs	"We commit to addressing the distinct needs of refugees and migrants, in particular close to their region of origin and, when applicable, to enable them to return home safely." (G20 Leaders' Declaration: Shaping an Interconnected World)
8	Sustainable Development Goals: Alignment	"We commit to further align our actions with the 2030 Agenda for Sustainable Development, domestically and internationally, including in support of developing countries and the provision of public goods." (G20 Leaders' Declaration: Shapping an Interconnected World)
9	Tax Administration: Fair and Modern System	"We will continue our work for a globally fair and modern international tax system." (G20 Leaders' Declaration: Shaping an Interconnected World)
10	Trade: Trade and Investment Frameworks	"We will keep markets open noting the importance of reciprocal and mutually advantageous trade and investment frameworks and the principle of non-discrimination, and continue to fight protectionism including all unfair trade practices." (G20 Leaders' Declaration: Shaping an Interconnected World)
11	International Taxation: Base Erosion and Profit Shifting	"We remain committed to the implementation of the Base Erosion and Profit Shifting." (G20 Leaders' Declaration: Shaping an Interconnected World)
12	Financial Regulation: Basel III	"We will work to finalise the Basel III framework without further significantly increasing overall capital requirements across the banking sector, while promoting a level playing field." (G20 Leaders' Declaration: Shaping an Interconnected World)

13	Development:	"Strengthen digital and financial literacy and capability" (Hamburg
	Digital and Financial	Update: Taking Forward the G20 Action Plan on the 2030 Agenda)
	Literacy	
14	Climate Change:	"The G20 will promote adaptation efforts and cooperation on climate
	Climate Resilience	resilience within the G20 and beyond." (G20 Hamburg Climate and
		Energy Action Plan for Growth)
15	Environment: Waste	"Promote public information campaigns for citizens and businesses to
	Reduction	reduce waste generation, to re-use and to facilitate their participation in
		waste collection systems and to avoid littering." (G20 Action Plan on
		Marine Litter)
16	Food and	"Promote information and communication technology (ICT) applications
	Agriculture:	and skills in agriculture to strengthen productivity and efficiency in the
	Information and	value chain." (Hamburg Update: Taking Forward the G20 Action Plan on
	Communications	the 2030 Agenda)
	Technologies	
17	Energy: Sustainable	"Foster investment in sustainable energy projects and better regional
	Energy	connection with existing and well-established institutions and programs."
		(Hamburg Update: Taking Forward the G20 Action Plan on the 2030
		Agenda)

Table 2: 2017 G20 Hamburg Summit Final Compliance Scores — All

Climate Change: Energy and Energy Efficiency +1 -1 +1 +1 +1 +1 +1 +1	+0.40 70% +0.90 95% +0.70 85%
1 Climate Change: Energy and Energy Efficiency +1 -1 +1	+0.40 70% +0.90 95% +0.70 85%
2 Corruption: Resilience 0 0 +1 +1 +1 +1 +1 +1 +1 +1 0 0 +1 0 0 +1 0 0 +1 0 +1 0 +1 0 +1 0 +1 0 +1 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 +1 0 0 0 0	+0.90 95%
Economy 4 Gender: Access to Labour Markets 0 0 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	+0.70 85%
Labour Markets 0 0 +1 +1 +1 +1 0 +1 +1 +1 +1 +1 +1 +1 +1 +1 0 0 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	
Strengthening St	+0.95 98%
Inclusive Business	+0.80 90%
7 Migration: Addressing	+0.35 68%
8 Sustainable Development Goals: +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	+0.75 88%
9 Tax Administration: Fair and Modern System +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	+0.95 98%
10 Trade: Trade and Investment Frameworks 0 +1 +1 0 0 +1 +1 0 +1 0 +1 0 +1 +1 0 +1 0 0 0 0	+0.55 78%
11 International Taxation: +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	+1.00 100%
12 Financial Regulation:	+1.00 100%
13 Development: Digital and Financial Literacy +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1	+0.75 88%
14 Climate Change: Climate	+0.65 83%
15 Environment: Waste	+0.80 90%
16 Food and Agriculture: +1 +1 0 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 +1 0 0 0 -1 +1 +1 +1 +1 +1 +1 +1 0 0 0 0 0 0 0 0 0	+0.70 85%
17 Energy: Sustainable	0,00,10,1
+0.82 +0.71 +0.82 +0.94 +0.76 +0.94 +0.88 +0.82 +0.94 +0.76 +0.76 +0.71 +0.65 +0.65 +0.65 +0.59 +0.65 +0.29 +0.94 +0.35 +0.	
91% 85% 91% 97% 88% 97% 94% 91% 97% 88% 88% 85% 82% 82% 79% 82% 65% 97% 68% 97%	6 87%

Note: BEPS = Base Erosion and Profit Sharing; ICT = Information and Communications Technologies.

Table 3: 2017 G20 Hamburg Summit Final Compliance Scores — G20 Research Group

		Argentina	Australia	Brazil	Canada	China	France	Germany	India	Indonesia	Italy]арап	Korea	Mexico	Russia	Saudi Arabia	South Africa	Turkey	United Kingdom	United States	European Union	Aver	rage
	Climate Change: Energy and Energy Efficiency	+1	-1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	0	0	+1	0	+1	-1	+1	+0.60	80%
2	Corruption: Resilience	0	0	+1	+1	+1	+1	-1	+1	+1	0	0	+1	0	0	+1	0	-1	+1	0	+1	+0.40	70%
	Digitalization: Digital Economy	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	+1	+1	+1	0	+1	+1	+1	+0.90	95%
	Gender: Access to Labour Markets	0	0	+1	+1	+1	0	+1	+1	+1	+1	+1	+1	0	0	+1	+1	0	+1	+1	+1	+0.70	85%
	Health: Health System Strengthening	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	+1	+1	+1	+1	+1	+0.95	98%
-	Macroeconomics: Inclusive Business Ecosystems	+1	+1	0	+1	+1	+1	+1	0	+1	+1	+1	+1	+1	0	+1	+1	+1	+1	0	+1	+0.80	90%
	Migration: Addressing Needs	+1	0	+1	+1	0	+1	+1	0	0	0	0	0	0	0	0	0	+1	0	0	+1	+0.35	68%
	Sustainable Development Goals: Alignment	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	0	+1	0	+1	+1	+1	-1	+1	+0.75	88%
	Tax Administration: Fair and Modern System	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	+1	+1	+0.95	
10	Trade: Trade and Investment Frameworks	0	+1	+1	0	0	+1	+1	0	+1	0	+1	+1	0	+1	+1	+1	0	+1	0	0	+0.55	78%
		+0.70	+0.50	+0.90	+0.90	+0.80	+0.90	+0.80	+0.70	+0.90	+0.60	+0.60	+0.90	+0.40	+0.50	+0.70	+0.70	+0.40	+0.90	+0.20	+0.90	+0.70	85%
		85%	75%	95%	95%	90%	95%	90%	85%	95%	80%	80%	95%	70%	75%	85%	85%	70%	95%	60%	95%	85%	_

Table 4: 2017 G20 Hamburg Summit Final Compliance Scores — CIIR

																					Ave	rage
	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		
11 International Taxation: BEPS	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1.00	100%
12 Financial Regulation: Basel III	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1.00	100%
13 Development: Digital and Financial Literacy	+1	+1	+1	+1	-1	+1	+1	+1	+1	+1	+1	0	+1	+1	+1	0	+1	+1	0	+1	+0.75	88%
14 Climate Change: Climate Resilience	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	-1	+1	-1	+1	-1	+1	+0.65	83%
15 Environment: Waste Reduction	+1	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	0	+1	0	+1	+1	+1	+0.80	90%
16 Food and Agriculture: ICT	+1	+1	0	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	+1	0	0	-1	+1	+1	+1	+0.70	85%
17 Energy: Sustainable Energy	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	+1	0	+1	0	0	+1	+1	+1	+0.85	93%
			+0.71															+1.00		+1.00	+0.82	91%
N DEDC - D E			86%										100%	93%	71%	79%	57%	100%	79%	100%	91%	

Note: BEPS = Base Erosion and Profit Sharing; ICT = Information and Communications Technologies.

Table 5: 2017 G20 Hamburg Summit Final Compliance by Member — All

0	-	•	
	Canada		
	France		
1	Indonesia	+0.94	97%
	United Kingdom		
	European Union		
6	Germany	+0.88	94%
	Argentina		
7	Brazil	+0.82	91%
	India		
	China		
10	Italy	+0.76	88%
	Japan		
13	Australia	+0.71	85%
13	Korea	10.71	03/0
	Mexico		
15	Russia	+0.65	82%
	South Africa		
18	Saudi Arabia	+0.59	79%
19	United States	+0.35	68%
20	Turkey	+0.29	65%

Table 6: 2017 G20 Hamburg Summit Final Compliance by Member — G20 Research Group

	Brazil		
	Canada		
	European Union		
1	France	+0.90	95%
	Indonesia		
	Korea		
	United Kingdom		
8	China	+0.80	90%
0	Germany	10.00	90 70
	Argentina		
10	India	+0.70	85%
10	Saudi Arabia	10.70	03/0
	South Africa		
14	Italy	+0.60	80%
14	Japan	10.00	80 70
16	Australia	+0.50	75%
10	Russia	10.30	7570
18	Mexico	+0.40	70%
10	Turkey	±0.40	/0/0
20	United States	+0.20	60%

Table 7: 2017 G20 Hamburg Summit Final Compliance by Member — CIIR

1	Argentina	+1.00	100%
2	Australia	+1.00	100%
3	Canada	+1.00	100%
4	European Union	+1.00	100%
5	France	+1.00	100%
6	Germany	+1.00	100%
7	India	+1.00	100%
8	Indonesia	+1.00	100%
9	Italy	+1.00	100%
10	Japan	+1.00	100%
11	Mexico	+1.00	100%
12	United Kingdom	+1.00	100%
13	Russia	+0.86	93%
14	Brazil	+0.71	86%
15	China	+0.71	86%
16	South Africa	+0.57	79%
17	United States	+0.57	79%
18	Korea	+0.43	71%
19	Saudi Arabia	+0.43	71%
20	Turkey	+0.14	57%

Table 8: 2017 G20 Hamburg Summit Final Compliance by Commitment — All

1	International Taxation: Base Erosion and Profit Shifting	+1.00	100%
1	Financial Regulation: Basel III	11.00	10070
3	Tax Administration: Fair and Modern System	+0.95	98%
3	Health: Health System Strengthening	+0.93	96/0
5	Digitalization: Digital Economy	+0.90	95%
6	Energy: Sustainable Energy	+0.85	93%
7	Macroeconomics: Inclusive Business Ecosystems	+0.80	90%
/	Environment: Waste Reduction	+0.60	90 70
9	Sustainable Development Goals: Alignment	+0.75	88%
9	Development: Digital and Financial Literacy	+0.73	00/0
11	Gender: Access to Labour Markets	+0.70	85%
11	Food and Agriculture: Information and Communications Technologies	10.70	03/0
13	Climate Change: Climate Resilience	+0.65	83%
14	Climate Change: Energy and Energy Efficiency	+0.60	80%
15	Trade: Trade and Investment Frameworks	+0.55	78%
16	Corruption: Resilience	+0.40	70%
17	Migration: Addressing Needs	+0.35	68%

Table 9: 2017 G20 Hamburg Summit Final Compliance by Commitment — G20 Research Group

1	Health: Health System Strengthening	+0.95	98%
1	Tax Administration: Fair and Modern System	10.75	7070
3	Digitalization: Digital Economy	+0.90	95%
4	Macroeconomics: Inclusive Business Ecosystems	+0.80	90%
5	Sustainable Development Goals: Alignment	+0.75	88%
6	Gender: Access to Labour Markets	+0.70	85%
7	Climate Change: Energy and Energy Efficiency	+0.60	80%
8	Trade: Trade and Investment Frameworks	+0.55	78%
9	Corruption: Resilience	+0.40	70%
10	Migration: Addressing Needs	+0.35	68%

Table 10: 2017 G20 Hamburg Summit Final Compliance by Commitment — CIIR

1	Financial Regulation: Basel III	11.00	100%
1	International Taxation: Base Erosion and Profit Shifting	+1.00	10070
3	Energy: Sustainable Energy	+0.85	93%
4	Environment: Waste Reduction	+0.80	90%
5	Development: Digital and Financial Literacy	+0.75	88%
6	Food and Agriculture: Information and Communications Technologies	+0.70	85%
7	Climate Change: Climate Resilience	+0.65	83%

Table 11: G20 Compliance by Member, 2008-2017

	Final		Final		Final		Final		Final		Final		Final		Final		Final		Final		Interim		Final	
	Washington		London		Pittsburgh		Toronto		Seoul		Cannes		Los Cabos		St. Petersburg		Brisbane		Antalya		Hangzhou		Hangzhou	
Member	2008		2009		2009		2010		2010		2011		2012		2013		2014		2015		2016		2016	
Argentina	0	50%	-0.60	20%	-0.13	44%	0	50%	-0.08	46%	0	50%	+0.31	66%	+0.06	53%	+0.06	53%	+0.53	76%	+0.42	71%	+0.63	82%
Australia	n/a	1	+0.60	80%	+0.50	75%	+0.56	78%	+0.85	93%	+0.67	84%	+0.94	97%	+0.63	81%	+0.59	79%	+0.65	82%	+0.79	89%	+0.79	89%
Brazil	+1.00	100%	+0.20	60%	-0.63	19%	+0.29	65%	+0.42	71%	+0.60	80%	+0.56	78%	+0.31	66%	+0.12	56%	+0.53	76%	+0.32	66%	+0.58	79%
Canada	+1.00	100%	+0.60	80%	+0.63	82%	+0.78	89%	+0.69	85%	+0.73	87%	+0.75	88%	+0.44	72%	+0.71	85%	+0.65	82%	+0.79	89%	+0.84	92%
China	0	50%	-0.40	30%	+0.13	57%	+0.38	69%	+0.42	71%	+0.53	77%	+0.38	69%	+0.19	59%	+0.59	79%	+0.59	79%	+0.63	82%	+0.74	87%
France	+1.00	100%	+0.80	90%	+0.63	82%	+0.56	78%	+0.77	89%	+0.60	80%	+0.69	85%	+0.69	84%	+0.63	81%	+0.71	85%	+0.58	79%	+0.63	82%
Germany	+1.00	100%	+0.80	90%	+0.63	82%	+0.56	78%	+0.54	77%	+0.67	84%	+0.56	78%	+0.75	88%	+0.69	84%	+0.71	85%	+0.58	79%	+0.79	89%
India	0	50%	-0.40	30%	-0.38	31%	-0.29	36%	+0.42	71%	+0.60	80%	+0.50	75%	+0.63	81%	+0.59	79%	+0.65	82%	+0.32	66%	+0.63	82%
Indonesia	n/a	1	-0.40	30%	-0.63	19%	-0.13	44%	+0.36	68%	+0.14	57%	+0.47	74%	+0.50	75%	+0.12	56%	+0.18	59%	+0.37	68%	+0.53	76%
Italy	+1.00	100%	0	50%	+0.13	57%	+0.56	78%	+0.77	89%	+0.80	90%	+0.19	60%	+0.44	72%	+0.13	56%	+0.71	85%	+0.16	58%	+0.32	66%
Japan	+1.00	100%	+0.20	60%	+0.50	75%	+0.56	78%	+0.62	81%	+0.47	74%	+0.50	75%	+0.31	66%	+0.65	82%	+0.35	68%	+0.37	68%	+0.68	84%
Korea	n/a	_	0	50%	+0.75	88%	+0.56	78%	+0.46	73%	+0.60	80%	+0.63	82%	+0.38	69%	+0.65	82%	+0.53	76%	+0.37	68%	+0.68	84%
Mexico	+1.00	100%	0	50%	+0.25	63%	-0.14	43%	+0.58	79%	+0.67	84%	+0.69	85%	+0.38	69%	+0.47	74%	+0.53	76%	+0.42	71%	+0.53	76%
Russia	0	50%	+0.40	70%	+0.38	69%	+0.13	57%	+0.59	80%	+0.60	80%	+0.63	82%	+0.44	72%	+0.47	74%	+0.47	74%	+0.53	76%	+0.68	84%
Saudi Arabia	n/a	_	+0.20	60%	-0.13	44%	-0.13	44%	+0.08	54%	+0.21	61%	+0.50	75%	+0.06	53%	-0.24	38%	+0.35	68%	+0.26	63%	+0.42	71%
South Africa	+1.00	100%	+0.40	70%	+0.63	82%	-0.14	43%	+0.33	67%	+0.47	74%	+0.47	74%	+0.25	63%	-0.12	44%	+0.24	62%	+0.21	61%	+0.37	68%
Turkey	n/a	_	+0.20	60%	-0.25	38%	-0.14	43%	+0.17	59%	+0.20	60%	+0.25	63%	+0.25	63%	0	50%	+0.41	71%	+0.21	61%	+0.37	68%
UK	+1.00	100%	+1.00	100%	+0.50	75%	+0.78	89%	+0.77	89%	+0.87	94%	+0.81	91%	+0.75	88%	+0.76	88%	+0.71	85%	+0.53	76%	+0.47	74%
US	0	50%	+0.40	70%	+1.00	100%	+0.33	67%	+0.38	69%	+0.53	77%	+0.81	91%	+0.69	84%	+0.76	88%	+0.71	85%	+0.53	76%	+0.42	71%
EU	+1.00	100%	+0.60	80%	+0.38	69%	+0.57	79%	+0.82	91%	+0.85	93%	+0.75	88%	+0.63	81%	+0.75	88%	+0.81	91%	+0.58	79%	+0.84	92%
Average	+0.67	83%	+0.23	62%	+0.24	62%	+0.28	64%	+0.50	75%	+0.54	77%	+0.57	79%	+0.44	72%	+0.42	71%	+0.55	77%	+0.45	72%	+0.60	80%

n/a = not available

Conclusions

G20 compliance performance for the chosen priority commitments, measured as a summit average, improved incrementally from the 2009 London Summit and 2009 Pittsburgh Summit (both at 62%) to the 2010 Toronto Summit (64%) and then rose with the 2010 Seoul Summit (75%), the 2011 Cannes Summit (77%) and the 2012 Los Cabos Summit (79%). With the 2013 St. Petersburg Summit, compliance dropped to 72% and the compliance with the 2014 Brisbane Summit commitments dropped to 71%. The final score for the 2015 Antalya Summit was 77%. The final score for the 2016 Hangzhou Summit is 80%. If the G20 can improve its performance on delivering on its promises, it may validate its claim for legitimacy as a global governance institution.

Many of the commitments assessed in this report have timelines that extend beyond the 2017 Hamburg 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 period immediately following the Hamburg 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 take different actions to comply with the same commitment, no standardized cross-national evaluative criterion can be universally applied. The interpretive guidelines attempt to provide an 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.