

2019 G20 Osaka Summit Final Compliance Report

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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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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		0	
Germany			+1
India			+1
Indonesia			+1
Italy			+1
Japan		0	
Korea		0	
Mexico			+1
Russia			+1
Saudi Arabia			+1
South Africa			+1
Turkey			+1
United Kingdom			+1
United States			+1
European Union			+1
Average		+0.85 (93%)	

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.¹⁴⁶⁵

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.¹⁴⁶⁶ At a February 2013 meeting of G20 Finance Ministers and Central Bank Governors, the Organisation for Economic Co-operation and

¹⁴⁶⁵ 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>

¹⁴⁶⁶ 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.¹⁴⁶⁷ 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.¹⁴⁶⁸

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.¹⁴⁶⁹

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.¹⁴⁷⁰

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.¹⁴⁷¹

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.¹⁴⁷²

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.¹⁴⁷³

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.¹⁴⁷⁴

¹⁴⁶⁷ 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>

¹⁴⁶⁸ G20 Leaders' Declaration (St. Petersburg), G20 Information Centre (Toronto). Access Date: 20 November 2019.

<http://www.g20.utoronto.ca/2013/2013-0906-declaration.html>

¹⁴⁶⁹ 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>

¹⁴⁷⁰ 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

¹⁴⁷¹ G20 Leaders' Communiqué (Antalya), G20 Information Centre (Toronto). Access Date: 20 November 2019.

<http://www.g20.utoronto.ca/summits/2015antalya.html>

¹⁴⁷² G20 Leaders' Communiqué: Hangzhou Summit, G20 Information Centre (Toronto). Access Date 20 November 2019.

<http://www.g20.utoronto.ca/2016/160905-communicue.html>

¹⁴⁷³ 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>

¹⁴⁷⁴ 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.¹⁴⁷⁵

At the 2019 Osaka Summit, G20 members renewed their emphasis on quality infrastructure investment by endorsing the G20 Principles for Promoting Quality Infrastructure Investment.¹⁴⁷⁶

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.”¹⁴⁷⁷ 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.¹⁴⁷⁸

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.¹⁴⁷⁹

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.¹⁴⁸⁰

¹⁴⁷⁵ 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>

¹⁴⁷⁶ 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>

¹⁴⁷⁷ 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

¹⁴⁷⁸ 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

¹⁴⁷⁹ 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

¹⁴⁸⁰ 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.¹⁴⁸¹

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.¹⁴⁸²

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.¹⁴⁸³

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.¹⁴⁸⁴

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.

This assessment covers G20 members’ actions taken between 30 June 2019 and 10 October 2020.

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.

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¹⁴⁸¹ 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

¹⁴⁸² 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

¹⁴⁸³ 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

¹⁴⁸⁴ 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.¹⁴⁸⁵ 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.¹⁴⁸⁶

On 16 July 2019, the Secretary of Urban Infrastructure inaugurated the works that are a part of fully modernizing the neighbourhood of 31 Julio.¹⁴⁸⁷ 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.¹⁴⁸⁸

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.¹⁴⁸⁹ 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.¹⁴⁹⁰

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.¹⁴⁹¹ 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.¹⁴⁹² This

¹⁴⁸⁵ 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/agroindustria-destina-mas-de-17-millones-consorcios-camineros-de-cordoba-para-mejorar-los>.

¹⁴⁸⁶ 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/agroindustria-destina-mas-de-17-millones-consorcios-camineros-de-cordoba-para-mejorar-los>.

¹⁴⁸⁷ 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>.

¹⁴⁸⁸ 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>.

¹⁴⁸⁹ 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>.

¹⁴⁹⁰ 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>.

¹⁴⁹¹ 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>.

¹⁴⁹² 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.¹⁴⁹³

On 28 August 2019, the Secretary of the Government of Environment and Sustainable Development led the presentation of project ARG/19/G24.¹⁴⁹⁴ 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.”¹⁴⁹⁵

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.¹⁴⁹⁶

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.¹⁴⁹⁷

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.¹⁴⁹⁸

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

¹⁴⁹³ 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>.

¹⁴⁹⁴ 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>.

¹⁴⁹⁵ 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>.

¹⁴⁹⁶ 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>.

¹⁴⁹⁷ 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>.

¹⁴⁹⁸ 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-entrego-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.¹⁴⁹⁹

On 16 July 2020, the Ministry of Territorial Development and Habitat initiated ARS17 billion over two years to integrate popular neighbourhoods. The sum allocated includes an ARS135 million investment to improve the living conditions of those who live in the neighbourhoods, such as improving connectivity, access to water and creating community spaces.¹⁵⁰⁰

On 1 September 2020, the Secretary of Provinces of the Ministry of Interior signed an agreement with the Governor of Chaco to allocate ARS600 million to the re-functionalization of land access to the port of Barranqueras. The agreement includes actions to ensure equitable access to telecommunications services, the construction of social infrastructure works in different locations, and the inauguration of a former firing range in Resistance to enhance housing, economic and productive integration throughout the jurisdiction.¹⁵⁰¹

On 9 September 2020, Secretary Batakis, Undersecretary of Policies for Development with Regional Equity Martin Pollera, and Minister of Interior Wado de Pedro met with national director of Productive Institutional Development of the Ministry of Productive Development Natalia del Cogliano and officials of the La Rioja government.¹⁵⁰² The meeting discussed projects and proposals that will develop the La Rioja provincial economy in areas of infrastructure, energy, transportation and production, such as wind, solar and small hydraulic energy projects, and the development of the software, textile and agricultural production industries.¹⁵⁰³

On 17 September 2020, the Ministry of the Interior made a statement on the 2021 Budget.¹⁵⁰⁴ He said that the 2021 Budget “has a deep federal, sovereign and inclusion criteria... [that] aims to lay the foundations of an infrastructure that boosts production and creates jobs.”¹⁵⁰⁵ It focuses on

¹⁴⁹⁹ 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>.

¹⁵⁰⁰ El Gobierno nacional invertirá \$17 mil millones en dos años para la integración de barrios populares, Ministry of Territorial Development and Habitat (Buenos Aires) 16 July 2020. Access Date: 18 July 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-invertira-17-mil-millones-en-dos-anos-para-la-integracion-de-barrios/>

¹⁵⁰¹ El Ministerio del Interior firmó acuerdo con Chaco por 600 millones para el Puerto de Barranqueras, Ministry of the Interior (Buenos Aires) 1 September 2020. Access Date: 21 September 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-del-interior-firmo-acuerdo-con-chaco-por-600-millones-para-el-puerto-de>

¹⁵⁰² The Ministry of the Interior advanced with La Rioja in projects for productive development, Ministry of the Interior (Buenos Aires) 9 September 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-del-interior-avanzo-con-la-rioja-en-proyectos-para-el-desarrollo-productivo>

¹⁵⁰³ The Ministry of the Interior advanced with La Rioja in projects for productive development, Ministry of the Interior (Buenos Aires) 9 September 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-ministerio-del-interior-avanzo-con-la-rioja-en-proyectos-para-el-desarrollo-productivo>

¹⁵⁰⁴ Wado de Pedro: “The 2021 Budget has a deep federal, sovereign and inclusive criteria”, Ministry of Interior (Buenos Aires) 17 September 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/wado-de-pedro-el-presupuesto-2021-tiene-un-profundo-criterio-federal-soberano-y-de>

¹⁵⁰⁵ Wado de Pedro: “The 2021 Budget has a deep federal, sovereign and inclusive criteria”, Ministry of Interior (Buenos Aires) 17 September 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/wado-de-pedro-el-presupuesto-2021-tiene-un-profundo-criterio-federal-soberano-y-de>

“Argentina Reconstruction” through prioritizing “the revelation of the scientific-technological system, to promote innovation and development, and active inclusion policies.”¹⁵⁰⁶

On 25 September 2020, Secretary Batakis met with Buenos Aires ministers to discuss joint plans and projects for developing the Buenos Aires economy and production. Several projects were reviewed that would generate employment and instigate development, including infrastructure projects, modern industries, green technologies, and the reactivation of construction through tax incentives and use of unproductive land.¹⁵⁰⁷

On 2 October 2020, the Ministry of the Interior concluded a round of technical meetings with officials from all 23 provinces and the Autonomous City of Buenos Aires.¹⁵⁰⁸ The meetings discussed several projects to advance the economic, productive and social development of the provinces, such as the strengthening of the agri-food value chains, the integration of links to industrialize primary products, and the promotion of new sectors including the knowledge industry, as well as other projects.¹⁵⁰⁹ A total of 1,069 projects were discussed that are worth investments of USD32,529.¹⁵¹⁰

On 6 October 2020, the Ministry of the Interior signed an agreement with Riojan governor Ricardo Quintela whereby the La Rioja province will receive a non-reimbursable loan for ARS240 million.¹⁵¹¹ The Ministry of the Interior announced this was part of Argentina’s strategy “to provide the provinces with tools so that they can carry out long-term structural transformation in an integrated manner.”¹⁵¹² La Rioja will focus on promoting productive development, strengthening the cadastral system and improving tax collection.¹⁵¹³

On 8 October 2020, the Ministry of the Interior signed an agreement with the mayor of La Matanza, Fernando Espinoza, whereby the municipality will receive a non-reimbursable loan of ARS80

¹⁵⁰⁶ Wado de Pedro: “The 2021 Budget has a deep federal, sovereign and inclusive criteria”, Ministry of Interior (Buenos Aires) 17 September 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/wado-de-pedro-el-presupuesto-2021-tiene-un-profundo-criterio-federal-soberano-y-de>

¹⁵⁰⁷ The Ministry of the Interior made progress with the Autonomous City of Buenos Aires on the development agenda, Ministry of the Interior (Buenos Aires) 25 September 2020. Access Date: 16 November 2020.

<https://www.argentina.gob.ar/noticias/el-ministerio-del-interior-avanzo-con-la-ciudad-autonoma-de-buenos-aires-en-la-agenda-para>

¹⁵⁰⁸ Interior completed the meetings of technical tables with the 23 provinces and the City of Buenos Aires in September, Ministry of the Interior (Buenos Aires) 2 October 2020. Access Date: 16 November 2020.

<https://www.argentina.gob.ar/noticias/interior-completo-en-septiembre-los-encuentros-de-mesas-tecnicas-con-las-23-provincias-y-la>

¹⁵⁰⁹ Interior completed the meetings of technical tables with the 23 provinces and the City of Buenos Aires in September, Ministry of the Interior (Buenos Aires) 2 October 2020. Access Date: 16 November 2020.

<https://www.argentina.gob.ar/noticias/interior-completo-en-septiembre-los-encuentros-de-mesas-tecnicas-con-las-23-provincias-y-la>

¹⁵¹⁰ Interior completed the meetings of technical tables with the 23 provinces and the City of Buenos Aires in September, Ministry of the Interior (Buenos Aires) 2 October 2020. Access Date: 16 November 2020.

<https://www.argentina.gob.ar/noticias/interior-completo-en-septiembre-los-encuentros-de-mesas-tecnicas-con-las-23-provincias-y-la>

¹⁵¹¹ The national government will assist La Rioja with 240 million pesos, Ministry of the Interior (Buenos Aires) 6 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-asistira-la-rioja-con-240-millones-de-pesos>

¹⁵¹² The national government will assist La Rioja with 240 million pesos, Ministry of the Interior (Buenos Aires) 6 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-asistira-la-rioja-con-240-millones-de-pesos>

¹⁵¹³ The national government will assist La Rioja with 240 million pesos, Ministry of the Interior (Buenos Aires) 6 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-asistira-la-rioja-con-240-millones-de-pesos>

million.¹⁵¹⁴ This loan will support La Matanza, which is the capital of the national industry, in the fight against the pandemic.¹⁵¹⁵

On 10 October 2020, the Ministry of the Interior, through the National Registry of Persons, met with provincial officials to continue the pilot implementation of the Federal Digital Platform for the Generation of Vital Facts Certificates.¹⁵¹⁶ The Platform will strengthen infrastructure governance by medically verifying births and deaths which will contribute to public health statistics, “prevent retirees from showing up 4 times a year by reducing 28 million face-to-face procedures; guarantee the right to identity, minimizing non-registrations or undocumented immigrants and guaranteeing access to essential rights, such as birth and pensions; [and] register in an agile and secure way the life events of citizens.”¹⁵¹⁷

Argentina has fully complied with its commitment by acting in five 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.¹⁵¹⁸

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.¹⁵¹⁹ This investment will create

¹⁵¹⁴ The national government will assist La Matanza with 80 million pesos to face the pandemic, Ministry of the Interior (Buenos Aires) 8 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-asistira-la-matanza-con-80-millones-de-pesos-para-enfrentar-la>

¹⁵¹⁵ The national government will assist La Matanza with 80 million pesos to face the pandemic, Ministry of the Interior (Buenos Aires) 8 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-gobierno-nacional-asistira-la-matanza-con-80-millones-de-pesos-para-enfrentar-la>

¹⁵¹⁶ The Renaper carried out new rounds of presentation of the digital certificate of vital events with provincial officials, Ministry of the Interior (Buenos Aires) 10 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-renaper-realizo-nuevas-rondas-de-presentacion-del-certificado-digital-de-hechos-vitales>

¹⁵¹⁷ The Renaper carried out new rounds of presentation of the digital certificate of vital events with provincial officials, Ministry of the Interior (Buenos Aires) 10 October 2020. Access Date: 16 November 2020. <https://www.argentina.gob.ar/noticias/el-renaper-realizo-nuevas-rondas-de-presentacion-del-certificado-digital-de-hechos-vitales>

¹⁵¹⁸ 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>.

¹⁵¹⁹ 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-campus-burnie-and-launceston-national-priority>.

world-class campuses that will be able to deliver a new array of courses to meet the needs of modern industry.¹⁵²⁰

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.¹⁵²¹ 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.¹⁵²²

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 Queensland.¹⁵²³ 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.¹⁵²⁴

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.¹⁵²⁵ 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.¹⁵²⁶

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.¹⁵²⁷ 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.¹⁵²⁸

¹⁵²⁰ CEO's Update, Infrastructure Australia (Sydney) 22 July 2019. Access Date: 30 January 2020.

<https://www.infrastructureaustralia.gov.au/listing/newsletter/ceos-update-1>.

¹⁵²¹ 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>.

¹⁵²² 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>.

¹⁵²³ 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>.

¹⁵²⁴ 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>.

¹⁵²⁵ 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>.

¹⁵²⁶ 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>.

¹⁵²⁷ 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>.

¹⁵²⁸ 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>

On 29 April 2020, Infrastructure Australia announced that the Cabramatta Passing Loop and Port Botany Rail Line Duplication projects would be added to the Infrastructure Priority List.¹⁵²⁹ Port Botany is a critical international gateway for Sydney and New South Wales, handling 99 per cent of container demand. The rail line duplication should prevent bottlenecks and reduce the strain on the Sydney road network ensuring future economic prosperity.¹⁵³⁰

On 3 May 2020, Infrastructure Australia expanded the Infrastructure Priority List to include both the METRONET High Capacity Signalling Project and the Morley-Ellenbrook Line Project.¹⁵³¹ The METRONET program, which would grow Perth's rail network from 178 kilometres of rail with 71 stations, to 250 kilometres and 89 stations, will help accommodate Perth's population growth and should encourage increased use of public transport.¹⁵³²

On 27 May 2020, Infrastructure Australia launched its first Reconciliation Action Plan.¹⁵³³ The plan outlines the organization's commitment to strengthen its knowledge in areas that affect the life of Aboriginal and Torres Strait Islander peoples, enhance partnerships and enable staff to take steps towards reconciliation, thereby strengthening its infrastructure governance.¹⁵³⁴

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁵³⁵ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁵³⁶ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁵³⁷

On 5 August 2020, Infrastructure Australia announced an updated 2020 Infrastructure Priority List.¹⁵³⁸ It details 155 infrastructure proposals of national significance and showcases the extent of

¹⁵²⁹ Port Botany Rail Line Duplication and Cabramatta Passing Loop approved as a priority project (Sydney) 29 April 2020. Access Date: 25 July 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/port-botany-rail-line-duplication-and-cabramatta-passing-loop-approved-priority-project>

¹⁵³⁰ Port Botany Rail Line Duplication and Cabramatta Passing Loop approved as a priority project (Sydney) 29 April 2020. Access Date: 25 July 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/port-botany-rail-line-duplication-and-cabramatta-passing-loop-approved-priority-project>

¹⁵³¹ Infrastructure Australia adds two more METRONET projects to the Infrastructure Priority List (Sydney) 4 May 2020. Access Date: 25 July 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-adds-two-more-metronet-projects-infrastructure-priority-list>

¹⁵³² Infrastructure Australia adds two more METRONET projects to the Infrastructure Priority List (Sydney) 4 May 2020. Access Date: 25 July 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/infrastructure-australia-adds-two-more-metronet-projects-infrastructure-priority-list>

¹⁵³³ Infrastructure Australia launches Reconciliation Action Plan (Sydney) 2 June 2020. Access Date: 25 July 2020. <https://www.roadsonline.com.au/infrastructure-australia-launches-reconciliation-action-plan/>

¹⁵³⁴ Infrastructure Australia launches Reconciliation Action Plan (Sydney) 2 June 2020. Access Date: 25 July 2020. <https://www.roadsonline.com.au/infrastructure-australia-launches-reconciliation-action-plan/>

¹⁵³⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁵³⁶ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁵³⁷ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁵³⁸ Infrastructure Australia launches a refreshed infrastructure pipeline now worth more than \$64 billion (Sydney) 5 August 2020. Access Date: 1 October 2020. https://www.infrastructureaustralia.gov.au/listing/media-release/mid_year_ipi_august_2020

planned investment, worth over AUD64 billion. This increased investment is intended to ensure that Australia's economy continues to grow, create jobs and attract investment.¹⁵³⁹

On 22 September 2020, Infrastructure Australia added the construction of Parkes Bypass on the New South Wales Newell Highway and the upgrade of Canberra's Commonwealth Avenue Bridge, to the Infrastructure Priority List.¹⁵⁴⁰ These are designated as Priority Projects to support the national COVID-19 recovery. The AUD175 million Parkes Bypass project includes the construction of a 10.5-kilometre bypass alongside the Newell Highway, upgrades to local roads and connections to the Parkes Special Activation Precinct which would help remove heavy traffic. The AUD127.4 million upgrades to Commonwealth Avenue Bridge will improve its safety, accommodate the increasing number of users and extend its life by 50 years.¹⁵⁴¹

On 25 September 2020, Australia met with India, the US, and Japan for a virtual Quad meeting to discuss efforts to improve the Indo-Pacific region.¹⁵⁴² One of the topics discussed was "quality infrastructure based upon international best practices, such as the G20 Principles for Quality Infrastructure Investment."¹⁵⁴³

On 6 October 2020, Australia released the 2020-21 Federal Budget, which provides "one of the largest boosts to infrastructure investment in recent times."¹⁵⁴⁴ "The funding provides a staged and proportionate response that balances investment in smaller projects that can deliver stimulus quickly, while continuing to invest in the larger, productivity-enhancing projects that will strengthen the resilience of the economy to further shocks in the long-run...[and] provided funding for Infrastructure Australia's policy research that will support the critical need...for quality infrastructure decision-making and reform over the next 15 years."¹⁵⁴⁵ This funding includes AUD14 billion for new infrastructure projects that will create 14,000 jobs, AUD2 billion for a road safety program, AUD2 billion in new funding for water infrastructure, and AUD250 million to modernize recycling infrastructure.¹⁵⁴⁶

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.

¹⁵³⁹ Infrastructure Australia launches a refreshed infrastructure pipeline now worth more than \$64 billion (Sydney) 5 August 2020. Access Date: 1 October 2020. https://www.infrastructureaustralia.gov.au/listing/media-release/mid_year_ipi_august_2020

¹⁵⁴⁰ Parkes Bypass and Commonwealth Avenue Bridge named Priority Projects in infrastructure-led recovery (Sydney) 22 September 2020. Access Date: 1 October 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/parkes-bypass-and-commonwealth-avenue-bridge-named-priority-projects-infrastructure-led-recovery>

¹⁵⁴¹ Parkes Bypass and Commonwealth Avenue Bridge named Priority Projects in infrastructure-led recovery (Sydney) 22 September 2020. Access Date: 1 October 2020. <https://www.infrastructureaustralia.gov.au/listing/media-release/parkes-bypass-and-commonwealth-avenue-bridge-named-priority-projects-infrastructure-led-recovery>

¹⁵⁴² U.S.-Australia-India-Japan Consultations ("The Quad"), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁵⁴³ U.S.-Australia-India-Japan Consultations ("The Quad"), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁵⁴⁴ Infrastructure central to catalysing economic growth, Infrastructure Australia (Sydney) 7 October 2020. Access Date: 16 November 2020. <https://www.infrastructureaustralia.gov.au/listing/newsletter/ceo-update-budget-2020>

¹⁵⁴⁵ Infrastructure central to catalysing economic growth, Infrastructure Australia (Sydney) 7 October 2020. Access Date: 16 November 2020. <https://www.infrastructureaustralia.gov.au/listing/newsletter/ceo-update-budget-2020>

¹⁵⁴⁶ Infrastructure central to catalysing economic growth, Infrastructure Australia (Sydney) 7 October 2020. Access Date: 16 November 2020. <https://www.infrastructureaustralia.gov.au/listing/newsletter/ceo-update-budget-2020>

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 Itamaraty Palace, Brasilia.¹⁵⁴⁷ 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.¹⁵⁴⁸

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.¹⁵⁴⁹ 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.¹⁵⁵⁰

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.¹⁵⁵¹ 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.¹⁵⁵²

On 19 November 2019, Brazil's Council of the Investment Partnerships Program qualified 18 new infrastructure initiatives as National Priorities.¹⁵⁵³ 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.¹⁵⁵⁴

¹⁵⁴⁷ 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>

¹⁵⁴⁸ 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>

¹⁵⁴⁹ 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-containers-e-aprovado-pelo-tcu>.

¹⁵⁵⁰ 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-containers-e-aprovado-pelo-tcu>.

¹⁵⁵¹ 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>.

¹⁵⁵² 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>.

¹⁵⁵³ 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/11reuniaocppi>.

¹⁵⁵⁴ 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/11reuniaocppi>.

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.¹⁵⁵⁵ This project will bring what was the first federal highway in Brazil up to the highest “technological quality in Latin America.”¹⁵⁵⁶

On 17 January 2020, the Sao Paulo State Government sponsored Piracicaba-Panorama Road Concession was completed, which integrated 62 Cities within Sao Paulo State through 1,273 kilometre of maintenance and new highway.¹⁵⁵⁷ 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.¹⁵⁵⁸

On 19 February 2020, the Board of the Investment Partnership Program (PPI) qualified 22 new initiatives as national priorities.¹⁵⁵⁹ 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.¹⁵⁶⁰

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.¹⁵⁶¹ 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.¹⁵⁶²

On 15 May 2020, the Sao Paulo State Transport Agency and Eixo SP signed the agreement for the operation of the Piracicaba-Panorama road Project.¹⁵⁶³ This project is expected to create, “seven thousand new direct and indirect jobs in the first two years of the contract,” and the 1,272 kilometres of road is the “largest road network ever tendered in Brazil.”¹⁵⁶⁴

On 2 July 2020, Resolution 131/2020 recommended the inclusion of the Brasília National Park, in the Federal District, and of the São Joaquim National Park, in the State of Santa Catarina, into the

¹⁵⁵⁵ 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>.

¹⁵⁵⁶ 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>.

¹⁵⁵⁷ 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>.

¹⁵⁵⁸ 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>.

¹⁵⁵⁹ 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>.

¹⁵⁶⁰ 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>.

¹⁵⁶¹ 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-celulose-no-porto-de-paranagua-qualificado-no-ppi>.

¹⁵⁶² 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-celulose-no-porto-de-paranagua-qualificado-no-ppi>.

¹⁵⁶³ Largest highway concession contract signed in Brazil (Malaga) 18 May 2020. Access Date: 26 July 2020. <https://www.infrappworld.com/news/largest-highway-concession-contract-signed-in-brazil>

¹⁵⁶⁴ Largest highway concession contract signed in Brazil (Malaga) 18 May 2020. Access Date: 26 July 2020. <https://www.infrappworld.com/news/largest-highway-concession-contract-signed-in-brazil>

PPI.¹⁵⁶⁵ This will make the support, conservation, protection and management of these parks a national priority.¹⁵⁶⁶

On 16 July 2020, decree 10423/2020 incorporated Porto Alegre city's Femina Hospital into the Investment Partnerships Program.¹⁵⁶⁷ This move will modernize the hospital to improve its ability to best serve the public, with a focus on, "constructing, installing, maintaining and operating women health services."¹⁵⁶⁸

On 24 July 2020, Resolution 132/2020, recommended the incorporation of the project of Line 2 for the Belo Horizonte Metropolitan Region Metro into the PPI portfolio.¹⁵⁶⁹ The objective of this would be to carry out feasibility studies and assess possible partnerships with the private sector. This project, which would cost an estimated BRL1.6 billion, would expand the metro system through-line.¹⁵⁷⁰

On 28 July 2020, five new Public Fishery Terminals (PFT): PFT of Aracaju, in the state of Sergipe; PFT of Natal, in the state of Rio Grande do Norte; FTP of Vitória, in the state of Espírito Santo; and the PFTs of Santos and Cananéia, in the state of São Paulo were added to the PPI.¹⁵⁷¹ PFTs are vital for fishery handling, trading, processing and storage. This investment will modernize and improve the conditions to allow the development of Brazil's fishery industry.¹⁵⁷²

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.

¹⁵⁶⁵ Resolution recommends inclusion of National Parks of Brasília (DF) and São Joaquim (SC) in the PPI portfolio (Brasilia) 4 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/resolution-recommends-inclusion-of-national-parks-of-brasilia-df-and-sao-joaquim-sc-in-the-ppi-portfolio>

¹⁵⁶⁶ Resolution recommends inclusion of National Parks of Brasília (DF) and São Joaquim (SC) in the PPI portfolio (Brasilia) 4 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/resolution-recommends-inclusion-of-national-parks-of-brasilia-df-and-sao-joaquim-sc-in-the-ppi-portfolio>

¹⁵⁶⁷ Decree formalizes the qualification of Femina Hospital (RS) in PPI (Brasilia) 16 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/decreo-formaliza-a-qualificacao-de-femina-hospital-rs-em-ppi>

¹⁵⁶⁸ Decree formalizes the qualification of Femina Hospital (RS) in PPI (Brasilia) 16 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/decreo-formaliza-a-qualificacao-de-femina-hospital-rs-em-ppi>

¹⁵⁶⁹ Resolution recommends qualifying Line 2 of Belo Horizonte Metro in PPI (Brasilia) 24 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/resolution-recommends-qualifying-line-2-of-belo-horizonte-metro-in-ppi>

¹⁵⁷⁰ Resolution recommends qualifying Line 2 of Belo Horizonte Metro in PPI (Brasilia) 24 July 2020. Access Date: 25 July 2020. <https://www.ppi.gov.br/resolution-recommends-qualifying-line-2-of-belo-horizonte-metro-in-ppi>

¹⁵⁷¹ Decree formalizes qualification of five public fishery terminals in the PPI (Brasilia) 28 July 2020. Access Date: 1 October 2020. <https://www.ppi.gov.br/decreo-formaliza-a-qualificacao-de-cinco-terminais-publicos-de-aquicultura-em-ppi>

¹⁵⁷² Decree formalizes qualification of five public fishery terminals in the PPI (Brasilia) 28 July 2020. Access Date: 1 October 2020. <https://www.ppi.gov.br/decreo-formaliza-a-qualificacao-de-cinco-terminais-publicos-de-aquicultura-em-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.¹⁵⁷³

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.¹⁵⁷⁴

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.¹⁵⁷⁵

On 1 August 2019, Member of Parliament of Gatineau Steven MacKinnon and 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.¹⁵⁷⁶

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.”¹⁵⁷⁷

On 7 August 2019, the Minister of Infrastructure and Communities François-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

¹⁵⁷³ 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>.

¹⁵⁷⁴ 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>.

¹⁵⁷⁵ 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>.

¹⁵⁷⁶ 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>.

¹⁵⁷⁷ 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.thestar.com/politics/federal/2019/08/01/defence-department-to-spend-250-million-over-five-years-on-reserves-for-infrastructure-gear.html>.

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.”¹⁵⁷⁸

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.”¹⁵⁷⁹

On 9 August 2019, the Minister 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.¹⁵⁸⁰

On 9 August 2019, Minister 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.¹⁵⁸¹

On 13 August 2019, the federal government and the territorial government of the Northwest Territories 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.¹⁵⁸²

On 19 August 2019, Minister 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,

¹⁵⁷⁸ 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>.

¹⁵⁷⁹ 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>.

¹⁵⁸⁰ 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>.

¹⁵⁸¹ 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>.

¹⁵⁸² 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>.

CCTV cameras and Passenger Information Displays to help to create “inclusive communities where everyone has access to public services and job opportunities” as well as to “reduce air pollution.”¹⁵⁸³

On 19 August 2019, Minister Jordan and Nunavut’s 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.¹⁵⁸⁴

On 23 August 2019, Minister Champagne 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.¹⁵⁸⁵

On 23 August 2019, 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.”¹⁵⁸⁶

On 26 August 2019, Minister Jordan and New Brunswick’s 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 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.¹⁵⁸⁷

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

¹⁵⁸³ 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>

¹⁵⁸⁴ 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>.

¹⁵⁸⁵ London residents to benefit from improved public transit and active transportation infrastructure, 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>.

¹⁵⁸⁶ Reconstruction of Beaver Lake Road will improve safety for all road users in Trent Lakes, 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>.

¹⁵⁸⁷ Residents of Village of Chipman and Weldford Parish to benefit from infrastructure improvements, 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>.

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.”¹⁵⁸⁸

On 27 August 2019, Minister Champagne 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.¹⁵⁸⁹

On 29 August 2019, Minister Champagne 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.¹⁵⁹⁰

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.”¹⁵⁹¹

On 30 August 2019, Minister Champagne and Minister of Employment, Workforce and Labour Patty Hajdu 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 “businesses move their goods to customer markets...building a strong economy for all Canadians.”¹⁵⁹²

On 4 September 2019, Minister Champagne 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

¹⁵⁸⁸ Canada invests in protecting the Gaspesie against erosion and restoring railway transportation, 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>.

¹⁵⁸⁹ Better drinking water and wastewater systems coming to multiple BC communities, 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>.

¹⁵⁹⁰ Residents in the Waterloo Region to benefit from improved public transit infrastructure, 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>.

¹⁵⁹¹ Canada and Quebec invest to improving health services for Nunavik communities, 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>.

¹⁵⁹² 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>.

of Lake Ontario” and protect parks, trails, and other municipal infrastructure against flooding and erosion risks, due to climate change.¹⁵⁹³

On 4 September 2019, Minister Champagne pledged over CAD98.3 million to 16 local infrastructure projects throughout 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).¹⁵⁹⁴

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.¹⁵⁹⁵

On 5 September 2019, Minister Champagne announced funding worth CAD29 million towards the construction of the Canada Games Park in Thorold, Ontario, 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.¹⁵⁹⁶

On 21 December 2019, 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.¹⁵⁹⁷

On 14 January 2020, Minister McKenna and Prince Edward Island’s (PEI) Minister of Transportation, Infrastructure and Energy Steven Myers 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.”¹⁵⁹⁸

¹⁵⁹³ 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>.

¹⁵⁹⁴ 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>.

¹⁵⁹⁵ 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>.

¹⁵⁹⁶ New federal investment in 2021 Canada 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>.

¹⁵⁹⁷ 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/>.

¹⁵⁹⁸ 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>.

On 16 January 2020, Minister 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.¹⁵⁹⁹

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.¹⁶⁰⁰

On 6 February 2020, Minister McKenna together with Bill Karsten, President of the Federation of Canadian Municipalities (FCM), announced funding worth over CAD2.5 million toward 11 new projects as part of the Green Municipal Fund.¹⁶⁰¹ 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.¹⁶⁰²

On 13 February 2020, Minister McKenna and Mr. Karsten announced funding worth over CAD500,000 for 14 new projects as part of the Municipal Asset Management Program.¹⁶⁰³ 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 further."¹⁶⁰⁴ This funding is in line with Canada's commitment to maximizing the impact of infrastructure on sustainable growth and development.¹⁶⁰⁵

On 20 February 2020, Minister Monsef and Jonatan Julien, Quebec's 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.¹⁶⁰⁶ This project is part of the Rural and Northern

¹⁵⁹⁹ 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>.

¹⁶⁰⁰ 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>.

¹⁶⁰¹ 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>.

¹⁶⁰² 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>.

¹⁶⁰³ 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>.

¹⁶⁰⁴ Quebec communities receive federal support for infrastructure planning, 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>.

¹⁶⁰⁵ Quebec communities receive federal support for infrastructure planning, 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>.

¹⁶⁰⁶ Canada and Quebec are investing in improved access to renewable energy in northern Quebec, 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>.

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.¹⁶⁰⁷

On 20 February 2020, Minister Monsef and Minister Julien announced funding worth nearly CAD2.9 million to replace 31 culverts on a rural road in Quebec.¹⁶⁰⁸ 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.¹⁶⁰⁹

On 21 February 2020, Minister McKenna and PEI's Minister Myers announced funding worth over CAD303,000 towards expanding “the Tignish Co-Op Health Centre to include a community and recreational space.”¹⁶¹⁰ 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.¹⁶¹¹

On 26 February 2020, Minister McKenna and Ontario's Minister of Infrastructure Laurie Scott announced funding worth over CAD1.6 million for 10 public transit infrastructure projects in the City of Stratford.¹⁶¹² 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.”¹⁶¹³ This project is in-line with Canada's commitment to integration societal considerations and maximizing the positive impact of its infrastructure investments.¹⁶¹⁴

On 2 March 2020, Minister McKenna announced funding worth over CAD18.7 million “for the Birtle Transmission Line linking Saskatchewan to Manitoba's green, renewable energy,” through the

¹⁶⁰⁷ Canada and Quebec are investing in improved access to renewable energy in northern Quebec, 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>.

¹⁶⁰⁸ Canada and Quebec are investing in the long-term sustainability of a key road link in northern Quebec, 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>.

¹⁶⁰⁹ Canada and Quebec are investing in the long-term sustainability of a key road link in northern Quebec, 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>.

¹⁶¹⁰ 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>.

¹⁶¹¹ 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>.

¹⁶¹² Stratford residents to benefit from new public transit infrastructure and accessible buses, 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>.

¹⁶¹³ Stratford residents to benefit from new public transit infrastructure and accessible buses, 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>.

¹⁶¹⁴ Stratford residents to benefit from new public transit infrastructure and accessible buses, 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>.

Green Infrastructure Stream in the Investing in Canada plan.¹⁶¹⁵ The project integrates environmental considerations with the aim to provide 215 megawatts of hydroelectric renewable energy funding to maintain stable, affordable energy.¹⁶¹⁶

On 2 March 2020, Minister 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 (GIS) in the Investing in Canada plan.¹⁶¹⁷ The project integrates environmental considerations with the aim to provide 215 megawatts of hydroelectric renewable energy funding to maintain stable, affordable energy.¹⁶¹⁸

On 5 March 2020, Agriculture and Agri-Food Minister Marie-Claude Bibeau announced funding of CAD893,284 “for an innovative project that will help increase energy use efficiency and reduce fossil fuel use in their greenhouse production.”¹⁶¹⁹ The aim of this funding is to “test and demonstrate the adaptation of a clean technology boiler system,” which will operate 100 per cent on renewable heating.¹⁶²⁰ This funding aligns with Canada’s commitment to integrating environmental considerations into its infrastructure investment decisions.¹⁶²¹

On 3 April 2020, the Government of Canada announced changes in leadership at the CIB as part of their plan to build modern, public infrastructure, create jobs and make Canada more globally competitive.¹⁶²² These changes reflect Canada’s commitment to strengthening infrastructure governance.¹⁶²³

On 17 April 2020, the Government of Canada, through Business Development Bank of Canada and Export Development Canada made available commercial loans between CAD15 and CAD60 million as “additional financial capacity to help support Canada’s oil and gas sector.”¹⁶²⁴ The aim of these funds are to “ensure a degree of continuity of operations during this period of uncertainty [COVID-

¹⁶¹⁵ Transmission line to reduce greenhouse gas emissions and create more reliable power supply, 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>.

¹⁶¹⁶ Transmission line to reduce greenhouse gas emissions and create more reliable power supply, 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>.

¹⁶¹⁷ Transmission line to reduce greenhouse gas emissions and create more reliable power supply, Canada Newswire (Winnipeg). 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>

¹⁶¹⁸ Transmission line to reduce greenhouse gas emissions and create more reliable power supply, Canada Newswire (Winnipeg). 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>

¹⁶¹⁹ Investing to support clean technology in agriculture, Canada Newswire (Kensington). Access Date: 30 June, 2020. <https://www.newswire.ca/news-releases/investing-to-support-clean-technologies-in-agriculture-825734744.html>

¹⁶²⁰ Investing to support clean technology in agriculture, Canada Newswire (Kensington). Access Date: 30 June, 2020. <https://www.newswire.ca/news-releases/investing-to-support-clean-technologies-in-agriculture-825734744.html>

¹⁶²¹ Investing to support clean technology in agriculture, Canada Newswire (Kensington). Access Date: 30 June, 2020. <https://www.newswire.ca/news-releases/investing-to-support-clean-technologies-in-agriculture-825734744.html>

¹⁶²² Changes in leadership at the Canada Infrastructure Bank, Canada Newswire (Ottawa). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/changes-in-leadership-at-the-canadian-infrastructure-bank-835902268.html>

¹⁶²³ Changes in leadership at the Canada Infrastructure Bank, Canada Newswire (Ottawa). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/changes-in-leadership-at-the-canadian-infrastructure-bank-835902268.html>

¹⁶²⁴ BDC to increase support to Canadian oil and gas sector companies, Canada Newswire (Montreal). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/bdc-to-increase-support-to-canadian-oil-and-gas-sector-companies-805078613.html>

19].¹⁶²⁵ This funding aligns with Canada’s commitment to strengthening infrastructure governance and building resilience against external economic risks.¹⁶²⁶

On 16 May 2020, Minister Monsef announced funding up to CAD20.54 million to Women’s Shelters Canada, which was “disbursed to over 500 women’s shelters and sexual assault centres from coast to coast.”¹⁶²⁷ The aim of the funding was to assist with infrastructure maintenance and to help manage an increased demand, due to the COVID-19 pandemic.¹⁶²⁸ It is aligned with Canada’s commitment to integrating social considerations into its infrastructure investment decisions.¹⁶²⁹

On 20 May 2020, Minister of Families, Children and Social Development Ahmed Hussen announced approximately CAD4.3 million in funding to 47 organizations across Canada that are accelerating action on the 2030 Agenda for Sustainable Development in Canada, which includes meeting 17 Sustainable Development Goals.¹⁶³⁰ This is in line with Canada’s commitment to integrating environmental and social considerations into its infrastructure investment decisions.¹⁶³¹

On 4 June 2020, Minister of Natural Resources Seamus O’Regan announced CAD326,000 worth of funding for “developing an interactive online platform that will make it easier for residents [in Saint John] to track their energy use and improve energy efficiency in their homes.”¹⁶³² The goal of this funding is to raise awareness and promote adoption of existing energy efficiency programs, which aligns with Canada’s commitment to integrating environmental considerations into its infrastructure investments.¹⁶³³

¹⁶²⁵ BDC to increase support to Canadian oil and gas sector companies, Canada Newswire (Montreal). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/bdc-to-increase-support-to-canadian-oil-and-gas-sector-companies-805078613.html>

¹⁶²⁶ BDC to increase support to Canadian oil and gas sector companies, Canada Newswire (Montreal). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/bdc-to-increase-support-to-canadian-oil-and-gas-sector-companies-805078613.html>

¹⁶²⁷ Government of Canada supports over 500 women’s shelters and sexual assault centres during the COVID-19 pandemic, Canada Newswire (Ottawa). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-over-500-women-s-shelters-and-sexual-assault-centres-during-the-covid-19-pandemic-836469887.html>

¹⁶²⁸ Government of Canada supports over 500 women’s shelters and sexual assault centres during the COVID-19 pandemic, Canada Newswire (Ottawa). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-over-500-women-s-shelters-and-sexual-assault-centres-during-the-covid-19-pandemic-836469887.html>

¹⁶²⁹ Government of Canada supports over 500 women’s shelters and sexual assault centres during the COVID-19 pandemic, Canada Newswire (Ottawa). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-over-500-women-s-shelters-and-sexual-assault-centres-during-the-covid-19-pandemic-836469887.html>

¹⁶³⁰ Government of Canada announces funding to support organizations accelerating action on the 2030 Agenda for Sustainable Development in Canada, Canada Newswire (Gatineau). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-announces-funding-to-support-organizations-accelerating-action-on-the-2030-agenda-for-sustainable-development-in-canada-869807177.html>

¹⁶³¹ Government of Canada announces funding to support organizations accelerating action on the 2030 Agenda for Sustainable Development in Canada, Canada Newswire (Gatineau). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-announces-funding-to-support-organizations-accelerating-action-on-the-2030-agenda-for-sustainable-development-in-canada-869807177.html>

¹⁶³² Canada Invests in Innovative Household Energy Efficiency in Saint John, Newswire Canada (Saint John). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/canada-invests-in-innovative-household-energy-efficiency-in-saint-john-827747446.html>

¹⁶³³ Canada Invests in Innovative Household Energy Efficiency in Saint John, Newswire Canada (Saint John). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/canada-invests-in-innovative-household-energy-efficiency-in-saint-john-827747446.html>

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US. GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁶³⁴ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁶³⁵

On 18 June 2020, Minister of Canadian Heritage Steven Guilbeault announced funding of CAD250,000 “for the City of Summerside to renovate the Armoury, a recognized Canadian historic place.”¹⁶³⁶ The funding will go towards new drainage, climate control, heating and cooling systems, as well as improvements to the physical accessibility of the site.¹⁶³⁷ This project is in-line with Canada’s commitment to integrate social considerations in its infrastructure investments.¹⁶³⁸

On 19 June 2020, Minister Monsef announced over CAD22 million in funding for 10 road and bridge projects in Central and Eastern Ontario, through the Rural and Northern Communities Infrastructure Stream (RNIS) of the Investing in Canada plan.¹⁶³⁹ Improvements to both roads and bridges “will increase safety for motorists and pedestrians, and extend the life of the bridge and roadway for many year.”¹⁶⁴⁰ This funding is in-line with Canada’s commitments to integrating social considerations and raising infrastructure economic efficiency in terms of life-cycle costs.¹⁶⁴¹

On 24 June 2020, Minister Monsef announced funding of over CAD5.8 million through the PTIS of the Investing in Canada plan towards improving the public transit infrastructure in Peterborough.¹⁶⁴² Public transit users will benefit from improved capacity, reliability and quality of service, especially

¹⁶³⁴ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁶³⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁶³⁶ Government of Canada to Invest in Cultural Infrastructure in Summerside, Prince Edward Island, Newswire Canada (Summerside). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-to-invest-in-cultural-infrastructure-in-summerside-prince-edward-island-890343222.html>

¹⁶³⁷ Government of Canada to Invest in Cultural Infrastructure in Summerside, Prince Edward Island, Newswire Canada (Summerside). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-to-invest-in-cultural-infrastructure-in-summerside-prince-edward-island-890343222.html>

¹⁶³⁸ Government of Canada to Invest in Cultural Infrastructure in Summerside, Prince Edward Island, Newswire Canada (Summerside). Access Date: 30 June 2020. <https://www.newswire.ca/news-releases/government-of-canada-to-invest-in-cultural-infrastructure-in-summerside-prince-edward-island-890343222.html>

¹⁶³⁹ Canada and Ontario invest in roads and bridges to support rural communities in Central and Eastern Ontario, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-to-support-rural-communities-in-central-and-eastern-ontario-852082083.html>

¹⁶⁴⁰ Canada and Ontario invest in roads and bridges to support rural communities in Central and Eastern Ontario, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-to-support-rural-communities-in-central-and-eastern-ontario-852082083.html>

¹⁶⁴¹ Canada and Ontario invest in roads and bridges to support rural communities in Central and Eastern Ontario, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-to-support-rural-communities-in-central-and-eastern-ontario-852082083.html>

¹⁶⁴² Canada and Ontario invest in public transit infrastructure for Peterborough residents, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-public-transit-infrastructure-for-peterborough-residents-896139961.html>

those with limited mobility or requiring specialized care.¹⁶⁴³ This funding aligns with Canada's commitment to integrating social considerations.¹⁶⁴⁴

On 24 June 2020, Minister O'Regan announced funding of CAD5 million towards "the development of a Wildland Fire Research Network In Canada in collaboration with Natural Science and Engineering Research Council of Canada (NSERC)."¹⁶⁴⁵ This council aims to build resilience against natural disasters, developing innovative fire management tactics that reduce the risks of Canada's wildland fire and to protect Canadians.¹⁶⁴⁶

On 29 June 2020, Minister McKenna announced over CAD1.3 million in funding to go towards the North East Industrial Park active transportation and transit shelter project as part of the PTIS of the Investing in Canada plan.¹⁶⁴⁷ This funding integrates both social and environmental considerations, building new accessible sidewalks, bus stops and transit shelters, as well as expanding Belleville's public transit fleet.¹⁶⁴⁸

On 3 July 2020, Minister McKenna and Minister Monsef announced funding of CAD44.5 million for 21 projects in the Lower Mainland, as part of the Investing in Canada plan.¹⁶⁴⁹ These projects integrate social considerations and include "improvements to community centres, health centres, stormwater management, drinking water and wastewater facilities, cultural facilities, and social support hubs."¹⁶⁵⁰

On 7 July 2020, Minister O'Regan announced CAD6 million in funding towards the Petroleum Technology Alliance of Canada as part of the Canadian Emissions Reduction Innovation Network initiative.¹⁶⁵¹ This funding "will inform protocols and standards for the detection and mitigation of

¹⁶⁴³ Canada and Ontario invest in public transit infrastructure for Peterborough residents, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-public-transit-infrastructure-for-peterborough-residents-896139961.html>

¹⁶⁴⁴ Canada and Ontario invest in public transit infrastructure for Peterborough residents, Newswire Canada (Peterborough). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-public-transit-infrastructure-for-peterborough-residents-896139961.html>

¹⁶⁴⁵ Investing in Wildland Fire Research to Protect Canadians, Newswire Canada (Edmonton). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/investing-in-wildland-fire-research-to-protect-canadians-867483674.html>

¹⁶⁴⁶ Investing in Wildland Fire Research to Protect Canadians, Newswire Canada (Edmonton). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/investing-in-wildland-fire-research-to-protect-canadians-867483674.html>

¹⁶⁴⁷ Canada and Ontario invest in a more sustainable Belleville with improved active transportation and public transit infrastructure 29/06/2020, Newswire Canada (Bellville). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-a-more-sustainable-belleville-with-improved-active-transportation-and-public-transit-infrastructure-850548871.html>

¹⁶⁴⁸ Canada and Ontario invest in a more sustainable Belleville with improved active transportation and public transit infrastructure, Newswire Canada (Bellville). Access Date: 4 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-a-more-sustainable-belleville-with-improved-active-transportation-and-public-transit-infrastructure-850548871.html>

¹⁶⁴⁹ Canada and British Columbia invest in infrastructure in the Lower Mainland to create jobs and strengthen communities 03/07/2020, Canada Newswire (Delta). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-british-columbia-invest-in-infrastructure-in-the-lower-mainland-to-create-jobs-and-strengthen-communities-892581437.html>

¹⁶⁵⁰ Canada and British Columbia invest in infrastructure in the Lower Mainland to create jobs and strengthen communities 03/07/2020, Canada Newswire (Delta). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-british-columbia-invest-in-infrastructure-in-the-lower-mainland-to-create-jobs-and-strengthen-communities-892581437.html>

¹⁶⁵¹ Canada Invests in clean Technology for Alberta's Natural Resources Sectors 07/07/2020, Newswire Canada (Edmonton). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-clean-technology-for-alberta-s-natural-resources-sectors-863821246.html>

methane emissions that will become the benchmark for Canada and the world,” thus helping Canada to understand and reduce its emissions.¹⁶⁵² This funding integrates environmental considerations and is aligned with Canada’s commitments.¹⁶⁵³

On 8 July 2020, Minister McKenna announced over CAD5.5 million in funding towards four public transit projects in Brantford.¹⁶⁵⁴ These projects include the purchasing of 21 new, 13 conventional and eight para-transit buses, the offering of better service to passengers and the reduction of maintenance costs.¹⁶⁵⁵ This funding is through the PTIS of the Investing in Canada plan and it aligns with Canada’s commitments to maximize the positive impact of existing infrastructure to achieve sustainable growth.¹⁶⁵⁶

On 8 July 2020, Minister Monsef announced funding of over CAD13.2 million towards 11 projects that aim to improve road and bridge infrastructure in Western Ontario.¹⁶⁵⁷ The funding is a part of the RNIS of the Investing in Canada plan and will “increase road safety and reliability, improve the flow of traffic, and help prevent future flooding in rural communities.”¹⁶⁵⁸ This funding aligns with Canada’s commitment to integrating social considerations in its infrastructure investments.¹⁶⁵⁹

On 10 July 2020, Minister O’Regan announced funding of CAD770,000 “to help Newfoundland and Labrador Hydro build 28 electric vehicle (EV) chargers across the province that will...support Canada’s transition to a clean energy future by reducing pollution.”¹⁶⁶⁰ The funding is provided through the Electric Vehicle and Alternative Fuel Infrastructure Deployment Initiative and aligns with Canada’s commitment to integrating environmental considerations in its infrastructure investments.¹⁶⁶¹

¹⁶⁵² Canada Invests in clean Technology for Alberta’s Natural Resources Sectors 07/07/2020, Newswire Canada (Edmonton). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-clean-technology-for-alberta-s-natural-resources-sectors-863821246.html>

¹⁶⁵³ Canada Invests in clean Technology for Alberta’s Natural Resources Sectors 07/07/2020, Newswire Canada (Edmonton). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-clean-technology-for-alberta-s-natural-resources-sectors-863821246.html>

¹⁶⁵⁴ Canada and Ontario invest in greener Brantford with modern public transit infrastructure 08/07/2020, Newswire Canada (Brantford). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-greener-brantford-with-modern-public-transit-infrastructure-851824089.html>

¹⁶⁵⁵ Canada and Ontario invest in greener Brantford with modern public transit infrastructure 08/07/2020, Newswire Canada (Brantford). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-greener-brantford-with-modern-public-transit-infrastructure-851824089.html>

¹⁶⁵⁶ Canada and Ontario invest in greener Brantford with modern public transit infrastructure 08/07/2020, Newswire Canada (Brantford). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-greener-brantford-with-modern-public-transit-infrastructure-851824089.html>

¹⁶⁵⁷ Canada and Ontario invest in roads and bridges in rural communities in Western Ontario 08/07/2020, Newswire Canada (Wilmot). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-in-rural-communities-in-western-ontario-899156104.html>

¹⁶⁵⁸ Canada and Ontario invest in roads and bridges in rural communities in Western Ontario 08/07/2020, Newswire Canada (Wilmot). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-in-rural-communities-in-western-ontario-899156104.html>

¹⁶⁵⁹ Canada and Ontario invest in roads and bridges in rural communities in Western Ontario 08/07/2020, Newswire Canada (Wilmot). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-in-rural-communities-in-western-ontario-899156104.html>

¹⁶⁶⁰ Canada Invests in Newfoundland and Labrador’s Electric Vehicle Network 10/07/2020, Newswire Canada (St. John’s). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-newfoundland-and-labrador-s-electric-vehicle-network-848268778.html>

¹⁶⁶¹ Canada Invests in Newfoundland and Labrador’s Electric Vehicle Network 10/07/2020, Newswire Canada (St. John’s). Access Date: 20 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-newfoundland-and-labrador-s-electric-vehicle-network-848268778.html>

On 13 July 2020, Minister McKenna announced funding of over CAD16.4 million towards five projects to modernize and improve Barrie Transit, as part of the PTIS of the Investing in Canada plan.¹⁶⁶² These projects aim to replace an aging bus fleet, develop new bus stops and platforms, and build new transit hubs.¹⁶⁶³ This funding aligns with Canada's commitment to integrating social considerations in its infrastructure investments and maximizing the positive impact of existing infrastructure to achieve sustainable growth.¹⁶⁶⁴

On 15 July 2020, Minister Monsef announced funding of over CAD12.7 million towards six road projects and one airport runway project in Northern Ontario as part of the RNIS of the Investing in Canada plan.¹⁶⁶⁵ These projects will involve road improvements, replacements and upgrades, as well as new asphalt for an airway runway, and are in-line with Canada's commitment to integrating social considerations in its infrastructure investments.¹⁶⁶⁶

On 16 July 2020, Minister of Economic Development and Official Languages Mélanie Joly announced funding close to CAD21 million for 45 projects across Quebec. The aim of these projects is to modernize manufacturing plants with the installation of digital production equipment and integration of digital tools.¹⁶⁶⁷ This funding is in line with Canada's commitment to building resilience against market and labour risk, as well as improving the country's economic efficiency.¹⁶⁶⁸

On 22 July 2020, Minister O'Regan announced Canada's commitment to the Three Percent Club in "a commitment to working collaboratively with international partners...to increase energy efficiency, accelerate the clean energy transition and help meeting climate change goals."¹⁶⁶⁹ This membership is in-line with Canada's commitment to maximize the positive impact of its infrastructure to achieve sustainable growth and development, and to integrate environmental considerations in infrastructure investments.¹⁶⁷⁰

¹⁶⁶² Canada and Ontario invest in more accessible public transit infrastructure for Barrie residents 13/07/2020, Newswire Canada (Barrie). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-more-accessible-public-transit-infrastructure-for-barrie-residents-803027503.html>

¹⁶⁶³ Canada and Ontario invest in more accessible public transit infrastructure for Barrie residents 13/07/2020, Newswire Canada (Barrie). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-more-accessible-public-transit-infrastructure-for-barrie-residents-803027503.html>

¹⁶⁶⁴ Canada and Ontario invest in more accessible public transit infrastructure for Barrie residents 13/07/2020, Newswire Canada (Barrie). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-more-accessible-public-transit-infrastructure-for-barrie-residents-803027503.html>

¹⁶⁶⁵ Canada and Ontario invest in roads and an airport runway for rural communities in Northern Ontario 16/07/2020, Newswire Canada (Manitowadge). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-an-airport-runway-for-rural-communities-in-northern-ontario-874600426.html>

¹⁶⁶⁶ Canada and Ontario invest in roads and an airport runway for rural communities in Northern Ontario 16/07/2020, Newswire Canada (Manitowadge). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-an-airport-runway-for-rural-communities-in-northern-ontario-874600426.html>

¹⁶⁶⁷ Government of Canada supports innovative manufacturing businesses 16/07/2020, Newswire Canada (Quebec). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-innovative-manufacturing-businesses-840937636.html>

¹⁶⁶⁸ Government of Canada supports innovative manufacturing businesses 16/07/2020, Newswire Canada (Quebec). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/government-of-canada-supports-innovative-manufacturing-businesses-840937636.html>

¹⁶⁶⁹ Canada Joins Three Percent Club to Improve Global Energy Efficiency 22/07/2020, Newswire Canada (Ottawa). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-joins-three-percent-club-to-improve-global-energy-efficiency-844174713.html>

¹⁶⁷⁰ Canada Joins Three Percent Club to Improve Global Energy Efficiency 22/07/2020, Newswire Canada (Ottawa). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-joins-three-percent-club-to-improve-global-energy-efficiency-844174713.html>

On 23 July 2020, Minister O'Regan announced CAD5.1 in funding for London Hydro “to develop and deploy a smart microgrid in the West 5 net-zero energy community in London, Ontario.”¹⁶⁷¹ The goal is to assist this community in becoming “Canada’s first large-scale fully integrated, net-zero energy community,” by 2050.¹⁶⁷² This infrastructure project integrates both environmental and social considerations to meet Canada’s commitments.¹⁶⁷³

On 23 July 2020, Minister McKenna announced funding of CAD21.25 million to construct a 106-kilometre transmission line in western Prince Edward Island, which “will support future wind energy generation projects.”¹⁶⁷⁴ This project aligns with Canada’s commitment to integrating environmental considerations in its infrastructure investments.¹⁶⁷⁵

On 24 July 2020, Minister Monsef announced funding over CAD7.6 million towards seven road and bridge projects across Southwestern Ontario, which aim “reduce service interruptions and increase safety” by replacing bridges and rehabilitating roads.¹⁶⁷⁶ These projects align with Canada’s commitment to integrating social considerations into its infrastructure investments and to maximizing the positive impact of existing infrastructure to achieve sustainable growth and development.¹⁶⁷⁷

On 25 July 2020, Minister Joly announced CAD22 million in funding for 37 projects as part of the Canada Economic Development for Quebec Regions plan.¹⁶⁷⁸ These projects are to support the development of innovative, regional businesses and organizations and they align with Canada’s commitment to integrating social considerations in its infrastructure planning.¹⁶⁷⁹

¹⁶⁷¹ Canada Invests in Smart Grid Technology for London Net-Zero Energy Community 23/07/2020, Newswire Canada (London). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-smart-grid-technology-for-london-net-zero-energy-community-875605548.html>

¹⁶⁷² Canada Invests in Smart Grid Technology for London Net-Zero Energy Community 23/07/2020, Newswire Canada (London). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-smart-grid-technology-for-london-net-zero-energy-community-875605548.html>

¹⁶⁷³ Canada Invests in Smart Grid Technology for London Net-Zero Energy Community 23/07/2020, Newswire Canada (London). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-invests-in-smart-grid-technology-for-london-net-zero-energy-community-875605548.html>

¹⁶⁷⁴ Canada and Prince Edward Island invest in new transmission line to support wind energy production 23/07/2020, Canada Newswire (Winnipeg). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-prince-edward-island-invest-in-new-transmission-line-to-support-wind-energy-production-810445968.html>

¹⁶⁷⁵ Canada and Prince Edward Island invest in new transmission line to support wind energy production 23/07/2020, Canada Newswire (Winnipeg). Access Date: 23 July 2020. <https://www.newswire.ca/news-releases/canada-and-prince-edward-island-invest-in-new-transmission-line-to-support-wind-energy-production-810445968.html>

¹⁶⁷⁶ Canada and Ontario invest in roads and bridges, connecting rural communities in Southwestern Ontario 24/07/2020, Newswire Canada (Bluewater). Access Date: 31 July, 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-connecting-rural-communities-in-southwestern-ontario-841575539.html>

¹⁶⁷⁷ Canada and Ontario invest in roads and bridges, connecting rural communities in Southwestern Ontario 24/07/2020, Newswire Canada (Bluewater). Access Date: 31 July, 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-connecting-rural-communities-in-southwestern-ontario-841575539.html>

¹⁶⁷⁸ The Government of Canada invests in regional development in Quebec 24/07/2020, Newswire Canada (Trois-Rivieres). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/the-government-of-canada-invests-in-regional-development-in-quebec-801821395.html>

¹⁶⁷⁹ The Government of Canada invests in regional development in Quebec 24/07/2020, Newswire Canada (Trois-Rivieres). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/the-government-of-canada-invests-in-regional-development-in-quebec-801821395.html>

On 28 July 2020, Minister McKenna announced over CAD5.5 million in funding six public transit projects intended to improve Sault Ste. Marie's transit system as part of the PTIS of the Investing in Canada plan.¹⁶⁸⁰ These investments include the purchases of 22 buses, the upgrading of fare boxes and automatic vehicle location equipment and an addition to the main transit building. These projects align with Canada's commitment to integrating social considerations in its infrastructure planning.¹⁶⁸¹

On 28 July 2020, Minister McKenna announced over CAD45.4 million in funding towards four projects intended to improve the transit system in Brampton, Ontario, as part of the PTIS of the Investing in Canada plan.¹⁶⁸² The funding aims to create a more sustainable community by refurbishing 300 hybrid and conventional buses over the next four years and increasing the number of bus bays in existing terminals.¹⁶⁸³ These projects are in-line with Canada's commitments to integrate social and environmental considerations in its investments.¹⁶⁸⁴

On 29 July 2020, Minister McKenna announced over CAD26.5 million in funding towards 14 projects in the Oakville, Ontario, as part of the PTIS of the Investing in Canada plan.¹⁶⁸⁵ The aim of the funding is to "modernize Oakville's transit system and create a more sustainable community," with the implementation of zero-emission battery-electric busses, 32 charging stations and Wi-Fi installations, among other improvements.¹⁶⁸⁶ This aligns with Canada's commitment to integration social considerations into its infrastructure investments and to maximizing the positive impact of existing infrastructure to achieve sustainable growth and development.¹⁶⁸⁷

On 30 July 2020, Minister of Environment and Climate Change Jonathon Wilkinson announced funding worth CAD1.18 million to support 15 new projects as part of the Lake Winnipeg Basin

¹⁶⁸⁰ Canada and Ontario invest in sustainable public transit infrastructure to support Sault Ste. Marie residents 28/07/2020, Newswire Canada (Sault Ste. Marie). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-infrastructure-to-support-sault-ste-marie-residents-850108579.html>

¹⁶⁸¹ Canada and Ontario invest in sustainable public transit infrastructure to support Sault Ste. Marie residents 28/07/2020, Newswire Canada (Sault Ste. Marie). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-infrastructure-to-support-sault-ste-marie-residents-850108579.html>

¹⁶⁸² Canada and Ontario invest in sustainable public transit for Brampton residents 28/07/2020, Newswire Canada (Brampton). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-brampton-residents-879140689.html>

¹⁶⁸³ Canada and Ontario invest in sustainable public transit for Brampton residents 28/07/2020, Newswire Canada (Brampton). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-brampton-residents-879140689.html>

¹⁶⁸⁴ Canada and Ontario invest in sustainable public transit for Brampton residents 28/07/2020, Newswire Canada (Brampton). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-brampton-residents-879140689.html>

¹⁶⁸⁵ Canada and Ontario invest in modern, green public transit for residents of Oakville 29/07/2020, Newswire Canada (Oakville). Access Date: 31 July, 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-green-public-transit-for-residents-of-oakville-801113653.html>

¹⁶⁸⁶ Canada and Ontario invest in modern, green public transit for residents of Oakville 29/07/2020, Newswire Canada (Oakville). Access Date: 31 July, 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-green-public-transit-for-residents-of-oakville-801113653.html>

¹⁶⁸⁷ Canada and Ontario invest in modern, green public transit for residents of Oakville 29/07/2020, Newswire Canada (Oakville). Access Date: 31 July, 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-green-public-transit-for-residents-of-oakville-801113653.html>

Program.¹⁶⁸⁸ These projects “will address key water-quality issues...including addressing algae growth, enhancing collaboration throughout the basin, and engaging Indigenous Peoples in freshwater management.”¹⁶⁸⁹ These projects are in-line with Canada’s commitment to integrating social considerations into its infrastructure investments and to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁶⁹⁰

On 31 July 2020, Minister McKenna announced CAD813,000 in funding through the GIS in the Investing in Canada plan for two water and wastewater projects in Deer Lake.¹⁶⁹¹ The goal of the projects is to “provide more reliable and safe infrastructure and increase the capacity to manage wastewater and stormwater.”¹⁶⁹² This aligns with Canada’s commitments to integrating social considerations in its infrastructure investments and to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁶⁹³

On 3 August 2020, Minister Monsef announced funding worth CAD1.94 million for five new projects that will connect rural Quebec communities with high-speed technology as part of the Connect to Innovate program.¹⁶⁹⁴ These projects aim to “expand the interaction Canadians have within and outside their communities,” and align with Canada’s commitment to integrate social considerations in its infrastructure investments.¹⁶⁹⁵

On 4 August 2020, Minister McKenna, along with PEI’s Minister Myers announced funding worth over CAD2.4 million into three projects “that will build or improve facilities in Summerside for the 2023 Canada Winter Games.”¹⁶⁹⁶ The funding is a part of the Investing in Canada infrastructure plan

¹⁶⁸⁸ Government of Canada protecting the Lake Winnipeg Basin 30/07/2020, Newswire Canada (Winnipeg). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/government-of-canada-protecting-the-lake-winnipeg-basin-855315838.html>

¹⁶⁸⁹ Government of Canada protecting the Lake Winnipeg Basin 30/07/2020, Newswire Canada (Winnipeg). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/government-of-canada-protecting-the-lake-winnipeg-basin-855315838.html>

¹⁶⁹⁰ Government of Canada protecting the Lake Winnipeg Basin 30/07/2020, Newswire Canada (Winnipeg). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/government-of-canada-protecting-the-lake-winnipeg-basin-855315838.html>

¹⁶⁹¹ Canada and Newfoundland and Labrador invest more reliable water and wastewater infrastructure in Deer Lake 31/07/2020, Newswire Canada (Deer Lake). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-newfoundland-and-labrador-invest-in-more-reliable-water-and-wastewater-infrastructure-in-deer-lake-801494564.html>

¹⁶⁹² Canada and Newfoundland and Labrador invest in more reliable water and wastewater infrastructure in Deer Lake 31/07/2020, Newswire Canada (Deer Lake). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-newfoundland-and-labrador-invest-in-more-reliable-water-and-wastewater-infrastructure-in-deer-lake-801494564.html>

¹⁶⁹³ Canada and Newfoundland and Labrador invest in more reliable water and wastewater infrastructure in Deer Lake 31/07/2020, Newswire Canada (Deer Lake). Access Date: 31 July 2020. <https://www.newswire.ca/news-releases/canada-and-newfoundland-and-labrador-invest-in-more-reliable-water-and-wastewater-infrastructure-in-deer-lake-801494564.html>

¹⁶⁹⁴ Residents of Rural Regions in Quebec Will Benefit From Faster Internet 03/08/2020, Canada Newswire (Ottawa). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/residents-of-rural-regions-in-quebec-will-benefit-from-faster-internet-843817696.html>

¹⁶⁹⁵ Residents of Rural Regions in Quebec Will Benefit From Faster Internet 03/08/2020, Canada Newswire (Ottawa). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/residents-of-rural-regions-in-quebec-will-benefit-from-faster-internet-843817696.html>

¹⁶⁹⁶ Canada and Prince Edward Island Invest in Three Sporting Facilities in Summerside for 2023 Canada Winter Games 04/08/2020, Canada Newswire (Summerside). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-prince-edward-island-invest-in-three-sporting-facilities-in-summerside-for-2023-canada-winter-games-832369463.html>

and aims to support jobs, communities, and sustainably restore economic growth.¹⁶⁹⁷ This aligns with Canada’s commitments to integrate social considerations in infrastructure investments and to maximize the positive impact of infrastructure to achieve sustainable growth and development.¹⁶⁹⁸

On 4 August 2020, Minister McKenna, Minister Monsef and Minister of Infrastructure for Alberta Prasad Panda announced funding worth over CAD16.7 million towards six projects through the GIS and RNIS streams of the Investing in Canada infrastructure plan.¹⁶⁹⁹ The funding “will create immediate and long-term jobs,” and “help create healthier communities in southeastern Alberta,” through the development of water infrastructure.¹⁷⁰⁰

On 5 August 2020, Minister McKenna announced funding worth over CAD6.7 million towards “11 projects that will modernize and improve transit around Southwestern Ontario,” as part of the PTIS stream of the Investing in Canada infrastructure plan.¹⁷⁰¹ The aim of these projects is to expand sustainable transit system capacities, extend their lifespans and upgrade transit technology systems, which aligns with Canada’s commitment to maximize the positive impact of infrastructure to achieve sustainable growth and development.¹⁷⁰²

On 5 August 2020, Parliamentary Secretary to the Minister of Infrastructure and Communities Andy Fillmore announced the option for Nova Scotia to allocate 10 percent, or over CAD82 million, of the province’s Investing in Canada infrastructure funding “towards projects under a new COVID Resilience funding stream.”¹⁷⁰³ The aim of this initiative is to “help get more infrastructure projects

¹⁶⁹⁷ Canada and Prince Edward Island Invest in Three Sporting Facilities in Summerside for 2023 Canada Winter Games 04/08/2020, Canada Newswire (Summerside). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-prince-edward-island-invest-in-three-sporting-facilities-in-summerside-for-2023-canada-winter-games-832369463.html>

¹⁶⁹⁸ Canada and Prince Edward Island Invest in Three Sporting Facilities in Summerside for 2023 Canada Winter Games 04/08/2020, Canada Newswire (Summerside). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-prince-edward-island-invest-in-three-sporting-facilities-in-summerside-for-2023-canada-winter-games-832369463.html>

¹⁶⁹⁹ Canada and Alberta Invest in Healthier Communities with Recreation and Water Infrastructure for Residents of Southeastern Alberta 04/08/2020, Canada Newswire (Taber). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-alberta-invest-in-healthier-communities-with-recreation-and-water-infrastructure-for-residents-of-southeastern-alberta-848323965.html>

¹⁷⁰⁰ Canada and Alberta Invest in Healthier Communities with Recreation and Water Infrastructure for Residents of Southeastern Alberta 04/08/2020, Canada Newswire (Taber). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-alberta-invest-in-healthier-communities-with-recreation-and-water-infrastructure-for-residents-of-southeastern-alberta-848323965.html>

¹⁷⁰¹ Canada and Ontario Invest in Public Transit and Active Transportation Infrastructure for Southwestern Ontario Residents 05/08/2020, Canada Newswire (St. Thomas). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-public-transit-and-active-transportation-infrastructure-for-southwestern-ontario-residents-822839237.html>

¹⁷⁰² Canada and Ontario Invest in Public Transit and Active Transportation Infrastructure for Southwestern Ontario Residents 05/08/2020, Canada Newswire (St. Thomas). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-public-transit-and-active-transportation-infrastructure-for-southwestern-ontario-residents-822839237.html>

¹⁷⁰³ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in Nova Scotia 05/08/2020, Canada Newswire (Halifax). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-nova-scotia-805116256.html>

underway faster, while continuing to support...long-term goals of building sustainable, economically vibrant, low-carbon, and inclusive communities.”¹⁷⁰⁴

On 5 August 2020, Parliamentary Secretary Fillmore announced the option for Nova Scotia to allocate 10 per cent, or over CAD82 million, of the province’s Investing in Canada infrastructure budget towards projects under a new COVID Resilience funding stream.¹⁷⁰⁵ The aim of this initiative is to “help get more infrastructure projects underway faster, while continuing to support...long-term goals of building sustainable, economically vibrant, low-carbon, and inclusive communities.”¹⁷⁰⁶

On 6 August 2020, Minister Wilkinson announced the option for British Columbia to allocate 10 percent, or over CAD412 million, of the province’s Investing in Canada federal infrastructure budget towards projects under a new COVID Resilience funding stream.¹⁷⁰⁷ The aim of this initiative is to “help get more infrastructure projects underway faster, while continuing to support...long-term goals of building sustainable, economically vibrant, low-carbon, and inclusive communities.”¹⁷⁰⁸

On 6 August 2020, Minister McKenna announced funding of over CAD39.7 million for five public transit and active transportation projects in Greater Sudbury as part of the PTIS of the Investing in Canada infrastructure plan.¹⁷⁰⁹ The funding will purchase 53 new buses and go towards improving transit services in the region’s busiest areas, introducing a new smart-card technology and reducing future maintenance costs.¹⁷¹⁰ This aligns with Canada’s commitment to raising economic efficiency in view of life cycle costs and maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁷¹¹

¹⁷⁰⁴ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in Nova Scotia 05/08/2020, Canada Newswire (Halifax). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-nova-scotia-805116256.html>

¹⁷⁰⁵ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in Nova Scotia 05/08/2020, Canada Newswire (Halifax). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-nova-scotia-805116256.html>

¹⁷⁰⁶ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in Nova Scotia 05/08/2020, Canada Newswire (Halifax). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-nova-scotia-805116256.html>

¹⁷⁰⁷ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in British Columbia 06/08/2020, Canada Newswire (North Vancouver). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-british-columbia-884026834.html>

¹⁷⁰⁸ Expanded Infrastructure Program Offers New Support for COVID-19 Community Resilience in British Columbia 06/08/2020, Canada Newswire (North Vancouver). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/expanded-infrastructure-program-offers-new-support-for-covid-19-community-resilience-in-british-columbia-884026834.html>

¹⁷⁰⁹ Canada and Ontario Invest in Sustainable Public Transit for Greater Sudbury Residents 06/08/2020, Canada Newswire (Greater Sudbury). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-greater-sudbury-residents-808621659.html>

¹⁷¹⁰ Canada and Ontario Invest in Sustainable Public Transit for Greater Sudbury Residents 06/08/2020, Canada Newswire (Greater Sudbury). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-greater-sudbury-residents-808621659.html>

¹⁷¹¹ Canada and Ontario Invest in Sustainable Public Transit for Greater Sudbury Residents 06/08/2020, Canada Newswire (Greater Sudbury). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-for-greater-sudbury-residents-808621659.html>

On 6 August 2020, Minister Monsef and Ontario's Minister Scott announced funding worth over CAD9.7 million for five road and bridge projects in rural Ontario as part of the RNIS of the Investing in Canada infrastructure plan.¹⁷¹² The projects are intended to improve public safety, reliability and traffic flow for drivers, cyclists and pedestrians, as well as to reduce operating and maintenance costs.¹⁷¹³

On 6 August 2020, Minister Monsef announced funding worth CAD1.2 million as part of the RNIS of the Investing in Canada plan to rehabilitate and expand the Moose Jaw Municipal Airport.¹⁷¹⁴ The aim of the funding is to improve the local economy and increase safety, and aligns with Canada's commitment to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁷¹⁵

On 7 August 2020, Minister Monsef and New Brunswick's Minister responsible for the Regional Development Corporation Andrea Anderson-Mason announced funding worth over CAD16.1 million through the RNIS of the Investing in Canada infrastructure program to upgrade a sewerage commission wastewater treatment plant in New Brunswick.¹⁷¹⁶ The aim of the project is to "increase the capacity to treat and manage wastewater," and strengthen the local economics of communities in the greater Shediac region.¹⁷¹⁷

On 7 August 2020, Minister Wilkinson and Minister responsible for Parks Canada Mark Gerretsen announced almost CAD6 million in funding "for projects aimed at the restoration of ecosystems and the recovery of species at risk in...[the] Georgian Bay Islands and Thousand Islands national parks."¹⁷¹⁸ The aim of the funding is to support conservation and restoration of Canada parks, to

¹⁷¹² Canada and Ontario Invest in Roads and Bridges, Connecting Rural Communities 06/06/2020, Newswire (Brant County). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-connecting-rural-communities-880846978.html>

¹⁷¹³ Canada and Ontario Invest in Roads and Bridges, Connecting Rural Communities 06/06/2020, Newswire (Brant County). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-roads-and-bridges-connecting-rural-communities-880846978.html>

¹⁷¹⁴ Canada and Saskatchewan Invest in Improvements at Moose Jaw Municipal Airport 06/08/2020, Newswire (Moose Jaw). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-saskatchewan-invest-in-improvements-at-moose-jaw-municipal-airport-891340828.html>

¹⁷¹⁵ Canada and Saskatchewan Invest in Improvements at Moose Jaw Municipal Airport 06/08/2020, Newswire (Moose Jaw). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-saskatchewan-invest-in-improvements-at-moose-jaw-municipal-airport-891340828.html>

¹⁷¹⁶ Canada and News Brunswick Invest in Improved Wastewater Facilities for Residents of Greater Shediac 07/08/2020, Newswire (Boudreau-Ouest). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-new-brunswick-invest-in-improved-wastewater-facilities-for-residents-of-greater-shediac-804877234.html>

¹⁷¹⁷ Canada and News Brunswick Invest in Improved Wastewater Facilities for Residents of Greater Shediac 07/08/2020, Newswire (Boudreau-Ouest). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-new-brunswick-invest-in-improved-wastewater-facilities-for-residents-of-greater-shediac-804877234.html>

¹⁷¹⁸ Government of Canada Invests in Conservation Projects at National Parks in Ontario to Fight Climate Change 07/08/2020, Newswire (Kingston). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-invests-in-conservation-projects-at-national-parks-in-ontario-to-fight-climate-change-887320384.html>

support local jobs in the regions and to help Canada rebuild better following the COVID-19 pandemic.¹⁷¹⁹

On 10 August 2020, Minister McKenna announced funding of over CAD17 million towards eight new public transit and active transportation projects in the City of Kingston as part of the PTIS of the Investing in Canada infrastructure plan.¹⁷²⁰ The aim of the projects is to “make it safer and easier for residents to commute to their destinations or to directly access public transit,” while improving reliability and reducing emissions of the pre-existing transit system.¹⁷²¹

On 18 August 2020, Minister Monsef announced funding worth CAD4 million as part of the RNIS Investing in Canada plan to upgrade water and wastewater systems in Glace Bay.¹⁷²² The funding aims to strengthen the local economies of the rural communities, and by installing new sanitary, storm water, and water distribution mains, to “improve the quality of services for residents and protect the environment.”¹⁷²³

On 20 August 2020, Minister McKenna announced funding worth over CAD318.9 million towards “the rehabilitation of existing water pipes, pumping stations and water treatment facilities as well as the construction of new facilities,” as part of the GIS of the Investing in Canada infrastructure plan.¹⁷²⁴ The aim of the funding is to help build healthy, resilient communities and to create jobs, which aligns with Canada’s commitment to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁷²⁵

On 20 August 2020, Minister Wilkinson announced funding worth approximately CAD18.3 million as part of the Low Carbon Economy Leadership Fund.¹⁷²⁶ The funding will go towards improving energy efficiency and introducing renewable energy in 45 buildings across six communities in

¹⁷¹⁹ Government of Canada Invests in Conservation Projects at National Parks in Ontario to Fight Climate Change 07/08/2020, Newswire (Kingston). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-invests-in-conservation-projects-at-national-parks-in-ontario-to-fight-climate-change-887320384.html>

¹⁷²⁰ Canada and Ontario Invest in Sustainable Public Transit and Active Transportation Infrastructure for Kingston Residents 10/08/2020, Newswire (Kingston). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-and-active-transportation-infrastructure-for-kingston-residents-895804381.html>

¹⁷²¹ Canada and Ontario Invest in Sustainable Public Transit and Active Transportation Infrastructure for Kingston Residents 10/08/2020, Newswire (Kingston). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-sustainable-public-transit-and-active-transportation-infrastructure-for-kingston-residents-895804381.html>

¹⁷²² Canada and Nova Scotia Invest in Upgraded Water and Wastewater Systems for Glace Bay Residents 18/08/2020, Newswire (Glace Bay). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-nova-scotia-invest-in-upgraded-water-and-wastewater-systems-for-glace-bay-residents-831371709.html>

¹⁷²³ Canada and Nova Scotia Invest in Upgraded Water and Wastewater Systems for Glace Bay Residents 18/08/2020, Newswire (Glace Bay). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-nova-scotia-invest-in-upgraded-water-and-wastewater-systems-for-glace-bay-residents-831371709.html>

¹⁷²⁴ Canada and Quebec Invest in Water Infrastructure to Provide Reliable Services and Restart the Economy 20/08/2020, Newswire (Montreal). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-provide-reliable-services-and-restart-the-economy-878667016.html>

¹⁷²⁵ Canada and Quebec Invest in Water Infrastructure to Provide Reliable Services and Restart the Economy 20/08/2020, Newswire (Montreal). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-provide-reliable-services-and-restart-the-economy-878667016.html>

¹⁷²⁶ Government of Canada Partners with Nunavut for Renewable and Energy-Efficiency Projects 20/08/2020, Newswire (Iqaluit). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-partners-with-nunavut-for-renewable-and-energy-efficiency-projects-884577430.html>

Nunavut, with the aim of creating jobs, generating business for local Inuit and reducing greenhouse gas emissions.¹⁷²⁷

On 24 August 2020, Minister McKenna announced funding worth over CAD6.5 million through the GIS, CCRIS, and RNIS of the Investing in Canada plan to go towards three projects that will build or improve infrastructure across the Yukon.¹⁷²⁸ The aim of these projects is to “improve the quality of life for Yukon residents, and create immediate and long-term jobs,” which aligns with Canada’s commitment to integrating social considerations in its infrastructure investment and to maximize the positive impact of infrastructure to achieve sustainable growth and development.¹⁷²⁹

On 28 August 2020, Minister McKenna and Minister Monsef announced funding worth over CAD13.4 million through the PTIS and RNIS of the Investing in Canada infrastructure plan to go towards 15 transportation projects in North Bay.¹⁷³⁰ The aim of these projects is to improve the accessibility, safety and quality of existing public transit for local residents, which aligns with Canada’s commitment to maximize the positive impact of infrastructure to achieve sustainable growth and development.¹⁷³¹

On 28 August 2020, Minister McKenna and Minister Monsef announced funding worth over CAD1.2 million through the PTIS and RNIS of the Investing in Canada infrastructure plan to go towards public transit in Temiskaming Shores and Coleman Township.¹⁷³² The aim of the project is to improve traffic flow and emergency service response times, as well as safety, reliability, and ease of travel for residents.¹⁷³³

On 28 August 2020, Minister McKenna, Minister O’Regan and Minister Wilkinson announced funding worth over CAD3.7 million to go towards building a net-zero emissions fire station in Port

¹⁷²⁷ Government of Canada Partners with Nunavut for Renewable and Energy-Efficiency Projects 20/08/2020, Newswire (Iqaluit). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-partners-with-nunavut-for-renewable-and-energy-efficiency-projects-884577430.html>

¹⁷²⁸ Canada and Yukon Invest in Infrastructure to Support Communities and the Economy 24/08/2020, Newswire (Dawson City). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-yukon-invest-in-infrastructure-to-support-communities-and-the-economy-821450745.html>

¹⁷²⁹ Canada and Yukon Invest in Infrastructure to Support Communities and the Economy 24/08/2020, Newswire (Dawson City). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-yukon-invest-in-infrastructure-to-support-communities-and-the-economy-821450745.html>

¹⁷³⁰ Canada and Ontario Invest in Improved Public Transit, Active Transportation and Road Infrastructure for North Bay Area Residents 28/08/2020, Newswire (North Bay). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-improved-public-transit-active-transportation-and-road-infrastructure-for-north-bay-area-residents-831028617.html>

¹⁷³¹ Canada and Ontario Invest in Improved Public Transit, Active Transportation and Road Infrastructure for North Bay Area Residents 28/08/2020, Newswire (North Bay). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-improved-public-transit-active-transportation-and-road-infrastructure-for-north-bay-area-residents-831028617.html>

¹⁷³² Canada and Ontario Invest in Modern Public Transit and Bridge Infrastructure for Residents of Temiskaming Shores and Coleman Township 28/08/2020, Newswire (Temiskaming Shores). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-and-bridge-infrastructure-for-residents-of-temiskaming-shores-and-coleman-township-854804266.html>

¹⁷³³ Canada and Ontario Invest in Modern Public Transit and Bridge Infrastructure for Residents of Temiskaming Shores and Coleman Township 28/08/2020, Newswire (Temiskaming Shores). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-and-bridge-infrastructure-for-residents-of-temiskaming-shores-and-coleman-township-854804266.html>

Stanley.¹⁷³⁴ The aim of the project is to lower operation costs and to “help make Port Stanley a more sustainable, healthy community,” which aligns with Canada’s commitments to maximize the positive impact of infrastructure to achieve sustainable growth and development and to integrate environmental considerations into its infrastructure investments, as well as to reduce life-cycle costs.¹⁷³⁵

On 1 September 2020, Minister McKenna announced funding worth over CAD660,500 through the PTIS of the Investing in Canada infrastructure plan to go towards two projects “that will modernize Quinte West’s transit system and create a more sustainable community.”¹⁷³⁶ The aim of the funding is to develop a sustainable public transit system and improve capacity and accessibility for residents.¹⁷³⁷

On 1 September 2020, Minister McKenna announced funding worth over CAD28.5 million through the GIS of the Investing in Canada infrastructure plan to go towards 11 projects “to help B.C. communities save energy and reduce pollution.”¹⁷³⁸ Further, the funding aims to create jobs, strengthen local economies and promote sustainable growth.¹⁷³⁹

On 2 September 2020, Minister McKenna and Minister Monsef announced funding worth over CAD87.7 million through the GIS, CCRIS and RNIS of the Investing in Canada infrastructure plan to go towards 18 infrastructure projects in Northern Alberta.¹⁷⁴⁰ These projects will aim to protect communities from flooding, upgrade wastewater and drinking infrastructure, improve roads, and increase access to arts and outdoor recreation opportunities.¹⁷⁴¹

On 4 September 2020, Minister McKenna announced funding worth over CAD4.6 million through the GIS of the Investing in Canada infrastructure plan for two infrastructure projects that will “upgrade municipal drinking water, storm-water management and wastewater collection systems in

¹⁷³⁴ Canada and Federation of Canadian Municipalities Invest in Green Communities in Port Stanley 28/08/2020, Newswire (Port Stanley). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-federation-of-canadian-municipalities-invest-in-green-communities-in-port-stanley-807976795.html>

¹⁷³⁵ Canada and Federation of Canadian Municipalities Invest in Green Communities in Port Stanley 28/08/2020, Newswire (Port Stanley). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-federation-of-canadian-municipalities-invest-in-green-communities-in-port-stanley-807976795.html>

¹⁷³⁶ Canada and Ontario Invest in Modern Public Transit Infrastructure for Residents of Quinte West 01/09/2020, Newswire (Quinte West). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-infrastructure-for-residents-of-quinte-west-862139025.html>

¹⁷³⁷ Canada and Ontario Invest in Modern Public Transit Infrastructure for Residents of Quinte West 01/09/2020, Newswire (Quinte West). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-infrastructure-for-residents-of-quinte-west-862139025.html>

¹⁷³⁸ Canada and British Columbia Invest in Green Energy Solutions 01/0/2020, Newswire (Vancouver). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-british-columbia-invest-in-green-energy-solutions-838927386.html>

¹⁷³⁹ Canada and British Columbia Invest in Green Energy Solutions 01/0/2020, Newswire (Vancouver). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-british-columbia-invest-in-green-energy-solutions-838927386.html>

¹⁷⁴⁰ Canada and Alberta Invest in Infrastructure Projects in Northern Alberta to Strengthen the Economy and build Resilient Communities 02/09/2020, Newswire (Fort McMurray). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-alberta-invest-in-infrastructure-projects-in-northern-alberta-to-strengthen-the-economy-and-build-resilient-communities-835107138.html>

¹⁷⁴¹ Canada and Alberta Invest in Infrastructure Projects in Northern Alberta to Strengthen the Economy and build Resilient Communities 02/09/2020, Newswire (Fort McMurray). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-alberta-invest-in-infrastructure-projects-in-northern-alberta-to-strengthen-the-economy-and-build-resilient-communities-835107138.html>

the Laval region.”¹⁷⁴² These projects aim to provide modern and reliable water infrastructure, which aligns with Canada’s commitments to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁷⁴³

On 4 September 2020, Minister Joly announced funding worth CAD3 million to “help small and medium-sized businesses adopt new products and technologies that improve the energy efficiency of buildings and reduce greenhouse gas emissions.”¹⁷⁴⁴

On 4 September 2020, Minister McKenna, Quebec’s Minister of Municipal Affairs and Housing Andrée Laforest and Quebec’s Minister of Public Safety and Minister Responsible for the Quebec City Region Geneviève Guilbault announced funding worth over CAD32 million through the GIS of the Investing in Canada infrastructure plan for 28 infrastructure projects in the Quebec City region.¹⁷⁴⁵ The funding will go towards “upgrades to municipal drinking water, storm-water management and wastewater collection systems, and the addition of new pumping stations,” to meet the needs of the local communities.¹⁷⁴⁶

On 9 September 2020, Minister McKenna announced funding worth over CAD1.8 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure in Paspébiac, Quebec.¹⁷⁴⁷ The aim of the funding is to replace almost 4,600 metres of drinking water, storm-water and wastewater pipes and to restore and landscape roads along the pipe replacement.¹⁷⁴⁸

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth approximately CAD570,000 as part of the GIS of the Investing in Canada infrastructure plan to

¹⁷⁴² Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Laval Region 04/09/2020, Newswire (Laval). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-laval-region-889723826.html>

¹⁷⁴³ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Laval Region 04/09/2020, Newswire (Laval). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-laval-region-889723826.html>

¹⁷⁴⁴ Government of Canada Invests in Alberta’s Construction Industry to Help Strengthen Energy Efficiency and Green Building Practices 04/09/2020, Newswire Canada (Edmonton). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-invests-in-alberta-s-construction-industry-to-help-strengthen-energy-efficiency-and-green-building-practices-855458407.html>

¹⁷⁴⁵ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Quebec City Region 04/09/2020, Newswire Canada (Quebec City). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-quebec-city-region-826316756.html>

¹⁷⁴⁶ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Quebec City Region 04/09/2020, Newswire Canada (Quebec City). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-quebec-city-region-826316756.html>

¹⁷⁴⁷ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services in Paspébiac 09/09/2020, Newswire Canada (Paspébiac). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-in-paspebiac-877555514.html>

¹⁷⁴⁸ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services in Paspébiac 09/09/2020, Newswire Canada (Paspébiac). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-in-paspebiac-877555514.html>

invest in green infrastructure projects that will provide communities in Nord-du-Québec with modernised drinking water and wastewater systems.¹⁷⁴⁹

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD7.9 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Outaouais region.¹⁷⁵⁰ The aim of the funding is to sustainably replace drinking water, storm-water and wastewater pipes.¹⁷⁵¹

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD21 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Bas-Saint-Laurent region.¹⁷⁵² The aim of the funding is through 20 infrastructure projects, to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁵³

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD77.5 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Montréal region.¹⁷⁵⁴ Through 46 infrastructure projects, the aim of the funding is to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁵⁵

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth almost CAD5 million through the GIS of the Investing in Canada infrastructure plan to provide modern

¹⁷⁴⁹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Nord-du-Québec Region 11/09/2020, Newswire Canada (Chibougameau). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-nord-du-quebec-region-885453238.html>

¹⁷⁵⁰ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Outaouais Region 11/09/2020, Newswire Canada (Gatineau). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-outaouais-region-808264265.html>

¹⁷⁵¹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Outaouais Region 11/09/2020, Newswire Canada (Gatineau). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-outaouais-region-808264265.html>

¹⁷⁵² Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Bas-Saint-Laurent Region 11/09/2020, Newswire Canada (Rimouski). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-bas-saint-laurent-region-822774478.html>

¹⁷⁵³ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Bas-Saint-Laurent Region 11/09/2020, Newswire Canada (Rimouski). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-bas-saint-laurent-region-822774478.html>

¹⁷⁵⁴ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Montréal region 11/09/2020, Newswire Canada (Longueuil). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-monteregie-region-850627461.html>

¹⁷⁵⁵ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Montréal region 11/09/2020, Newswire Canada (Longueuil). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-monteregie-region-850627461.html>

and reliable water infrastructure to communities in the Abitibi-Témiscamingue region.¹⁷⁵⁶ Through six infrastructure projects, the aim of the funding is to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁵⁷

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD36.6 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Chaudière-Appalaches region.¹⁷⁵⁸ Through 55 infrastructure projects, the aim of the funding is to sustainably upgrade drinking water, storm-water and wastewater collection systems and to add new pumping stations and manganese treatment systems.¹⁷⁵⁹

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD16.4 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Estrie region.¹⁷⁶⁰ Through 18 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁶¹

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD5.6 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Gaspésie-Îles-de-la-Madeleine region.¹⁷⁶²

¹⁷⁵⁶ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Abitibi-Témiscamingue Region 11/09/2020, Newswire Canada (Rouyn-Noranda). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-abitibi-temiscamingue-region-806820231.html>

¹⁷⁵⁷ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Abitibi-Témiscamingue Region 11/09/2020, Newswire Canada (Rouyn-Noranda). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-abitibi-temiscamingue-region-806820231.html>

¹⁷⁵⁸ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Chaudière-Appalaches Region 11/09/2020, Newswire Canada (Lévis). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-chaudiere-appalaches-region-852856465.html>

¹⁷⁵⁹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Chaudière-Appalaches Region 11/09/2020, Newswire Canada (Lévis). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-chaudiere-appalaches-region-852856465.html>

¹⁷⁶⁰ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Estrie Region 11/09/2020, Newswire Canada (Lac-Mégantic). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-estrie-region-882551190.html>

¹⁷⁶¹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Estrie Region 11/09/2020, Newswire Canada (Lac-Mégantic). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-estrie-region-882551190.html>

¹⁷⁶² Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Gaspésie-Îles-de-la-Madeleine Region 11/09/2020, Newswire Canada (Gaspé). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-gaspesie-iles-de-la-madeleine-region-883111011.html>

Through nine infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems and to add new pumping stations.¹⁷⁶³

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD14.6 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Laurentides region.¹⁷⁶⁴ Through 18 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁶⁵

On 11 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD2.6 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Côte-Nord region.¹⁷⁶⁶ Through three infrastructure projects, the funding aims to “replace over 6.6 km of drinking water, wastewater, and storm water pipes, add new storm water pipes for sewer separation, and rehabilitate wastewater pumping stations.”¹⁷⁶⁷

On 12 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD9.3 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Mauricie region.¹⁷⁶⁸ Through 15 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems and to add new pumping stations.¹⁷⁶⁹

¹⁷⁶³ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Gaspésie-Îles-de-la-Madeleine Region 11/09/2020, Newswire Canada (Gaspé). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-gaspesie-iles-de-la-madeleine-region-883111011.html>

¹⁷⁶⁴ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Laurentides Region 11/09/2020, Newswire Canada (Saint-Jérôme). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-laurentides-region-845618569.html>

¹⁷⁶⁵ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Laurentides Region 11/09/2020, Newswire Canada (Saint-Jérôme). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-laurentides-region-845618569.html>

¹⁷⁶⁶ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Côte-Nord Region 11/09/2020, Newswire Canada (Sept-Îles). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-cote-nord-region-874188932.html>

¹⁷⁶⁷ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Côte-Nord Region 11/09/2020, Newswire Canada (Sept-Îles). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-cote-nord-region-874188932.html>

¹⁷⁶⁸ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Mauricie Region 12/09/2020, Newswire Canada (Trois-Rivières). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-mauricie-region-808354949.html>

¹⁷⁶⁹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Mauricie Region 12/09/2020, Newswire Canada (Trois-Rivières). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-mauricie-region-808354949.html>

On 14 September 2020, Minister McKenna and FCM President Bill Karsten announced over CAD8.7 in funding for four projects in Alberta through the Green Municipal Fund.¹⁷⁷⁰ The projects aim to “develop innovative solutions to reduce pollution, improve energy efficiency and find new uses for public infrastructure,” such as piloting electric and hybrid waste collection trucks in Calgary and testing the feasibility of recycled storm water use in Edmonton.¹⁷⁷¹

On 14 September 2020, Minister of Indigenous Services Marc Miller announced funding of CAD16.8 million “for the development of infrastructure for future residential use [on the Salt River reserve], increasing the number of homes...and creating new jobs.”¹⁷⁷² This includes upgrading sewer and water systems, and aligns with Canada’s commitments to maximizing the positive impact of infrastructure to achieve sustainable growth and development and integrating social considerations into its infrastructure investments.¹⁷⁷³

On 15 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD19.3 million through the GIS of the Investing in Canada infrastructure plan to provide modern and reliable water infrastructure to communities in the Centre-du-Québec region.¹⁷⁷⁴ Through 21 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁷⁵

On 15 September 2020, Minister McKenna and Mr. Karsten announced funding of over CAD236,000 through the GMF for three green projects “to develop innovative solutions to reduce pollution, improve energy efficiency and find new uses for public infrastructure.”¹⁷⁷⁶

On 17 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD12.9 million through the GIS of the Investing in Canada infrastructure plan to provide modern

¹⁷⁷⁰ Sustainability Gets a Boost in Alberta with Federal Funding for Green Projects Through FCM 14/09/2020, Newswire Canada (Calgary). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/sustainability-gets-a-boost-in-alberta-with-federal-funding-for-green-projects-through-fcm-882625418.html>

¹⁷⁷¹ Sustainability Gets a Boost in Alberta with Federal Funding for Green Projects Through FCM 14/09/2020, Newswire Canada (Calgary). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/sustainability-gets-a-boost-in-alberta-with-federal-funding-for-green-projects-through-fcm-882625418.html>

¹⁷⁷² Government of Canada Invests in Major Infrastructure Development for Salt River First Nation 14/09/2020, Newswire Canada (Ottawa and Traditional Algonquin Territory). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-invests-in-major-infrastructure-development-for-salt-river-first-nation-819066789.html>

¹⁷⁷³ Government of Canada Invests in Major Infrastructure Development for Salt River First Nation 14/09/2020, Newswire Canada (Ottawa and Traditional Algonquin Territory). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-invests-in-major-infrastructure-development-for-salt-river-first-nation-819066789.html>

¹⁷⁷⁴ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Centre-du-Québec Region 15/09/2020, Newswire Canada (Drummondville). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-centre-du-quebec-region-805979903.html>

¹⁷⁷⁵ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Centre-du-Québec Region 15/09/2020, Newswire Canada (Drummondville). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-centre-du-quebec-region-805979903.html>

¹⁷⁷⁶ Canada and FCM Invest in Green Communities in the Outaouais Region 15/09/2020, Newswire Canada (Wakefield). Access Date: 20 September 2020. <https://www.newswire.ca/news-releases/canada-and-fcm-invest-in-green-communities-in-the-outaouais-region-859451382.html>

and reliable water infrastructure to communities in the Lanaudière region.¹⁷⁷⁷ Through 11 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁷⁸

On 17 September 2020, Minister McKenna, Minister Wilkinson and Mr. Karsten announced over CAD540,000 in funding through GMF for two projects in Nova Scotia.¹⁷⁷⁹ The aim of the funding is “to develop innovative solutions to reduce pollution, improve energy efficiency, and find new uses for public infrastructure.”¹⁷⁸⁰

On 17 September 2020, Minister Monsef announced funding of CAD5.6 million through the Connect to Innovate program for the construction of a 40-kilometre fibre-optic line in rural British Columbia.¹⁷⁸¹ The project is to be completed in October 2020 and aims to “help expand the interaction Canadians have within and outside their communities, providing opportunities for success,” especially during the COVID-19 pandemic.¹⁷⁸²

On 17 September 2020, Minister of Transport Marc Garneau announced over CAD25 million in funding over three years to support 165 new projects as part of the Rail Safety Improvement program.¹⁷⁸³ The funding aims to “increase safety and Canadian’s confidence at grade crossing and along rail lines,” and aligns with Canada’s commitment to integrate social considerations into its infrastructure commitments.¹⁷⁸⁴

On 18 September 2020, Minister McKenna and Minister Monsef announced over CAD1 million in funding “for two projects to provide residents with cleaner water and safer roads in Harbour Grace

¹⁷⁷⁷ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Lanaudière Region 17/09/2020, Newswire Canada (Terrebonne). Access Date: 20 September 2020.

<https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-lanaudiere-region-826255639.html>

¹⁷⁷⁸ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Lanaudière Region 17/09/2020, Newswire Canada (Terrebonne). Access Date: 20 September 2020.

<https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-lanaudiere-region-826255639.html>

¹⁷⁷⁹ Canada and FCM Invest in Green Communities in Nova Scotia 17/09/2020, Newswire Canada (Kings County). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-fcm-invest-in-green-communities-in-nova-scotia-898229217.html>

¹⁷⁸⁰ Canada and FCM Invest in Green Communities in Nova Scotia 17/09/2020, Newswire Canada (Kings County). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-fcm-invest-in-green-communities-in-nova-scotia-898229217.html>

¹⁷⁸¹ Rural British Columbia to Benefit from Improved Connectivity 17/09/2020, Newswire Canada (Ottawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/rural-british-columbia-to-benefit-from-improved-connectivity-866783845.html>

¹⁷⁸² Rural British Columbia to Benefit from Improved Connectivity 17/09/2020, Newswire Canada (Ottawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/rural-british-columbia-to-benefit-from-improved-connectivity-866783845.html>

¹⁷⁸³ Government of Canada Announces Ongoing Investments to Improve Railway Safety 17/09/2020, Newswire Canada (Ottawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-announces-ongoing-investments-to-improve-railway-safety-830907313.html>

¹⁷⁸⁴ Government of Canada Announces Ongoing Investments to Improve Railway Safety 17/09/2020, Newswire Canada (Ottawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/government-of-canada-announces-ongoing-investments-to-improve-railway-safety-830907313.html>

and Spaniard's Bay.¹⁷⁸⁵ The funding is through the RNIS and GIS of the Investing in Canada infrastructure plan and aims to improve access to reliable services and to promote healthy communities for Newfoundland and Labrador residents.¹⁷⁸⁶

On 18 September 2020, Minister McKenna announced over CAD45.3 million in funding “for 11 projects that will modernize and improve public transit and active transportation in Durham Region.”¹⁷⁸⁷ The funding aims to introduce hybrid electric vehicles and to replace aging vehicles to help reduce maintenance and operating costs.¹⁷⁸⁸

On 18 September 2020, Minister McKenna and Minister Laforest announced funding worth over CAD9.4 million in funding through the GIS of the Investing in Canada plan to provide modern and reliable water infrastructure to communities in the Saguenay-Lac-Saint-Jean region.¹⁷⁸⁹ Through 11 infrastructure projects, the funding aims to sustainably upgrade drinking water, storm-water and wastewater collection systems.¹⁷⁹⁰

On 18 September 2020, Minister McKenna announced over CAD1.9 million in funding through the GIS of the Investing in Canada infrastructure plan to improve the quality of the water and sewer disposal system in East Hants.¹⁷⁹¹ The project aims to ensure the health of residents and the community, which aligns with Canada's commitment to maximizing the positive impact of infrastructure to achieve sustainable growth and development.¹⁷⁹²

¹⁷⁸⁵ Canada and Newfoundland and Labrador Investing in Projects that Provide Residents with Cleaner Water and Safer Roads in Harbour Grace and Spaniard's Bay 18/09/2020, Newswire Canada (Harbour Grace). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-newfoundland-and-labrador-investing-in-projects-that-provide-residents-with-cleaner-water-and-safer-roads-in-harbour-grace-and-spaniard-s-bay-810529206.html>

¹⁷⁸⁶ Canada and Newfoundland and Labrador Investing in Projects that Provide Residents with Cleaner Water and Safer Roads in Harbour Grace and Spaniard's Bay 18/09/2020, Newswire Canada (Harbour Grace). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-newfoundland-and-labrador-investing-in-projects-that-provide-residents-with-cleaner-water-and-safer-roads-in-harbour-grace-and-spaniard-s-bay-810529206.html>

¹⁷⁸⁷ Canada and Ontario Invest in Modern Public Transit and Active Transportation Infrastructure for Residents of Durham Region 18/09/2020, Newswire Canada (Oshawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-and-active-transportation-infrastructure-for-residents-of-durham-region-851460563.html>

¹⁷⁸⁸ Canada and Ontario Invest in Modern Public Transit and Active Transportation Infrastructure for Residents of Durham Region 18/09/2020, Newswire Canada (Oshawa). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-public-transit-and-active-transportation-infrastructure-for-residents-of-durham-region-851460563.html>

¹⁷⁸⁹ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Saguenay-Lac-Saint-Jean Region 18/09/2020, Newswire Canada (Saguenay). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-saguenay-lac-saint-jean-region-899107719.html>

¹⁷⁹⁰ Canada and Quebec Invest in Water Infrastructure to Ensure Adequate Services and Stimulate the Economy in the Saguenay-Lac-Saint-Jean Region 18/09/2020, Newswire Canada (Saguenay). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-quebec-invest-in-water-infrastructure-to-ensure-adequate-services-and-stimulate-the-economy-in-the-saguenay-lac-saint-jean-region-899107719.html>

¹⁷⁹¹ Canada and Nova Scotia Invest in Improved Water Quality for Residents of East Hants 18/09/2020, Newswire Canada (East Hants). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-nova-scotia-invest-in-improved-water-quality-for-residents-of-east-hants-892632545.html>

¹⁷⁹² Canada and Nova Scotia Invest in Improved Water Quality for Residents of East Hants 18/09/2020, Newswire Canada (East Hants). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-nova-scotia-invest-in-improved-water-quality-for-residents-of-east-hants-892632545.html>

On 18 September 2020, Minister McKenna announced funding worth over CAD23 million through the PTIS of the Investing in Canada infrastructure plan to strategically invest in 30 sustainable public transportation projects across Ontario.¹⁷⁹³ The aim of the projects is to “modernize, expand and improve the accessibility and safety of public transit,” which aligns with Canada’s commitments to maximizing the positive impact of infrastructure to achieve sustainable growth and to integrating both environmental and social considerations into its infrastructure investments.¹⁷⁹⁴

On 21 September 2020, Minister McKenna and Minister of Families and Minister Responsible for the Outaouais Region Mathieu Lacombe announced funding of over CAD2.6 million through the GIS of the Investing in Canada infrastructure plan for a water infrastructure project in Gatineau.¹⁷⁹⁵ The project aims to replace “approximately 4.9 kilometers of drinking water, wastewater, and storm water pipes including the addition of new storm water pipes for sewer separation,” as well as fund road restoration and roadway landscaping.¹⁷⁹⁶

On 22 September 2020, Minister O’Regan announced CAD6.4 million in funding through the Clean Energy for Rural and Remote Communities program for five “community-led clean energy projects,” in the Yukon.¹⁷⁹⁷ The aim of the funding is to help achieve Canada’s commitment to transitioning Indigenous communities to cleaner energy sources by 2030 and to “support communities in their efforts to build a cleaner future...while creating jobs.”¹⁷⁹⁸

On 22 September 2020, Minister O’Regan announced over CAD8 million in funding through the Clean Energy for rural and Remote Communities Program and Impact Canada’s Indigenous Off-diesel Initiative for “eight community-led clean energy projects” in the Northwest Territories.¹⁷⁹⁹ The aim of the funding is to help achieve Canada’s commitment to transitioning Indigenous communities to cleaner energy sources by 2030 and to “support communities in their efforts to build a cleaner future...while creating jobs.”¹⁸⁰⁰

¹⁷⁹³ Canada and Ontario Invest in Modern and More Accessible Public Transit Infrastructure Across Central, North and Southern Ontario 18/09/2020, Newswire Canada (Kawartha Lakes). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-and-more-accessible-public-transit-infrastructure-across-central-north-and-southern-ontario-864674947.html>

¹⁷⁹⁴ Canada and Ontario Invest in Modern and More Accessible Public Transit Infrastructure Across Central, North and Southern Ontario 18/09/2020, Newswire Canada (Kawartha Lakes). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-and-ontario-invest-in-modern-and-more-accessible-public-transit-infrastructure-across-central-north-and-southern-ontario-864674947.html>

¹⁷⁹⁵ Federal-Provincial Funding to Improve Water Infrastructure for the City of Gatineau 21/09/2020, Newswire Canada (Gatineau). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/federal-provincial-funding-to-improve-water-infrastructure-for-the-city-of-gatineau-877808966.html>

¹⁷⁹⁶ Federal-Provincial Funding to Improve Water Infrastructure for the City of Gatineau 21/09/2020, Newswire Canada (Gatineau). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/federal-provincial-funding-to-improve-water-infrastructure-for-the-city-of-gatineau-877808966.html>

¹⁷⁹⁷ Government Invests in Clean Energy Initiatives in Yukon 22/09/2020, Newswire Canada (Whitehorse). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/government-invests-in-clean-energy-initiatives-in-yukon-822634395.html>

¹⁷⁹⁸ Government Invests in Clean Energy Initiatives in Yukon 22/09/2020, Newswire Canada (Whitehorse). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/government-invests-in-clean-energy-initiatives-in-yukon-822634395.html>

¹⁷⁹⁹ Canada Invests in Clean Energy Projects in the Northwest Territories 22/09/2020, Newswire Canada (Inuvik). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-invests-in-clean-energy-projects-in-the-northwest-territories-861077964.html>

¹⁸⁰⁰ Canada Invests in Clean Energy Projects in the Northwest Territories 22/09/2020, Newswire Canada (Inuvik). Access Date: 24 September 2020. <https://www.newswire.ca/news-releases/canada-invests-in-clean-energy-projects-in-the-northwest-territories-861077964.html>

On 1 October 2020, Prime Minister Trudeau announced a CAD10 billion, three-year infrastructure plan to help create jobs and grow the economy.¹⁸⁰¹ The plan aims to employ 60,000 through clean power, broadband, large-scale building retrofits to increase energy efficiency, agriculture irrigation, adoption of zero-emission buses and charging infrastructure, and project development and early construction works investments.¹⁸⁰²

On 1 October 2020, Minister Monsef, Minister McKenna and Alberta's Minister Panda announced funding for four projects in Southern Alberta, including Indigenous communities, which have been severely impacted by the COVID-19 pandemic.¹⁸⁰³ The Government of Canada will invest more than CAD21.9 million as part of the Investing in Canada plan, the Government of Alberta will invest CAD125,000 and funding applicants will invest over CAD30.7 million in the University of Lethbridge, Red Crow Community College, and Medicine Hat College.¹⁸⁰⁴

On 8 October 2020, Minister of Small Business, Export Promotion and International Trade Mary Ng renewed the memorandum of understanding (MOU) between Canada and Infrastructure Asia, attending a virtual ceremony alongside Singapore's Minister in the Prime Minister's Office and Second Minister for Finance and National Development Indranee Rajah.¹⁸⁰⁵ This MOU has allowed and will continue to foster the ability of Canadian companies to expand into Southeast Asia and develop innovate and sustainable solutions for infrastructure projects.¹⁸⁰⁶

On 8 October 2020, Minister Bibeau announced two new projects of nearly CAD900,000 under the Agricultural Clean Technology Program to assist Quebec farmers in innovative and emerging economic opportunities in the fight against climate change.¹⁸⁰⁷ One project is the first agricultural cooperation that will produce renewable energy in Quebec, Coop Agri-Énergie Warwick, and the other project is a college technology transfer center that will develop agro-industrial bioproducts, Innofibre.¹⁸⁰⁸

¹⁸⁰¹ Canada launches C\$10 billion infrastructure plan to aid economic recovery, Reuters (Ottawa) 1 October 2020. Access Date: 17 November 2020. <https://www.reuters.com/article/us-canada-politics-infrastructure-idUSKBN26M6NW>

¹⁸⁰² Canada launches C\$10 billion infrastructure plan to aid economic recovery, Reuters (Ottawa) 1 October 2020. Access Date: 17 November 2020. <https://www.reuters.com/article/us-canada-politics-infrastructure-idUSKBN26M6NW>

¹⁸⁰³ Canada and Alberta invest in infrastructure projects in Southern Alberta to strengthen the economy and build resilient communities, Government of Canada (Lethbridge) 1 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/office-infrastructure/news/2020/10/canada-and-alberta-invest-in-infrastructure-projects-in-southern-alberta-to-strengthen-the-economy-and-build-resilient-communities.html>

¹⁸⁰⁴ Canada and Alberta invest in infrastructure projects in Southern Alberta to strengthen the economy and build resilient communities, Government of Canada (Lethbridge) 1 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/office-infrastructure/news/2020/10/canada-and-alberta-invest-in-infrastructure-projects-in-southern-alberta-to-strengthen-the-economy-and-build-resilient-communities.html>

¹⁸⁰⁵ Minister Ng participates in signing of MOU renewal on infrastructure trade and investment in Asia, Government of Canada (Ottawa) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/global-affairs/news/2020/10/minister-ng-participates-in-signing-of-mou-renewal-on-infrastructure-trade-and-investment-in-asia.html>

¹⁸⁰⁶ Minister Ng participates in signing of MOU renewal on infrastructure trade and investment in Asia, Government of Canada (Ottawa) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/global-affairs/news/2020/10/minister-ng-participates-in-signing-of-mou-renewal-on-infrastructure-trade-and-investment-in-asia.html>

¹⁸⁰⁷ Supporting Quebec farmers' sustainable clean technology projects, Government of Canada (Ottawa) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/agriculture-agri-food/news/2020/10/supporting-quebec-farmers-sustainable-clean-technology-projects.html>

¹⁸⁰⁸ Supporting Quebec farmers' sustainable clean technology projects, Government of Canada (Ottawa) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/agriculture-agri-food/news/2020/10/supporting-quebec-farmers-sustainable-clean-technology-projects.html>

On 8 October 2020, the Government of Canada announced an investment of CAD417,000, on behalf of the Federation of Canadian Municipalities, for an energy efficiency infrastructure project in four New Brunswick communities.¹⁸⁰⁹ The projects will “replace existing fuel-burning furnace heating systems with high-efficiency biomass boilers and improve energy efficiency in four municipal buildings...to reduce heating costs and greenhouse gas emissions, generate energy savings, promote local expertise and resources, and enhance job creation locally.”¹⁸¹⁰

On 9 October 2020, the Government of Canada through Indigenous Services Canada announced its support of CAD1 million for an infrastructure project being undertaken in Membertou that will offer modern rental space for local organizations and businesses.¹⁸¹¹ This funding comes from the Community Opportunity Readiness Project.¹⁸¹²

On 9 October 2020, Minister Joly announced CAD13.4 million to support promising health tech businesses and organizations, thereby creating nearly 500 skilled jobs.¹⁸¹³ The funding will be invested in the Toronto Innovation Acceleration Partners, MindBeacon Holdings Inc., Cyclica Inc., and Healthism Systems Inc to “scale up their innovations.”¹⁸¹⁴

On 9 October 2020, the Government of Canada announced a new investment of CAD33.4 million for the construction of a nearly 100,000 square metre multipurpose terminal west of the Port of Trois-Rivières’ existing infrastructure.¹⁸¹⁵ The purpose of the project is to improve traffic flow and

¹⁸⁰⁹ Canada and FCM invest in green communities in New Brunswick, Government of Canada (Atholville) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/office-infrastructure/news/2020/10/canada-and-fcm-invest-in-green-communities-in-new-brunswick.html>

¹⁸¹⁰ Canada and FCM invest in green communities in New Brunswick, Government of Canada (Atholville) 8 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/office-infrastructure/news/2020/10/canada-and-fcm-invest-in-green-communities-in-new-brunswick.html>

¹⁸¹¹ Government of Canada announces support for the construction of new office space in Membertou First Nation, Government of Canada (Ottawa) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/indigenous-services-canada/news/2020/10/government-of-canada-announces-support-for-the-construction-of-new-office-space-in-membertou-first-nation.html>

¹⁸¹² Government of Canada announces support for the construction of new office space in Membertou First Nation, Government of Canada (Ottawa) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/indigenous-services-canada/news/2020/10/government-of-canada-announces-support-for-the-construction-of-new-office-space-in-membertou-first-nation.html>

¹⁸¹³ Federal Investments to boost Toronto’s Health Tech Sector, Government of Canada (Toronto) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/economic-development-southern-ontario/news/2020/10/federal-investments-to-boost-torontos-health-tech-sector.html>

¹⁸¹⁴ Federal Investments to boost Toronto’s Health Tech Sector, Government of Canada (Toronto) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/economic-development-southern-ontario/news/2020/10/federal-investments-to-boost-torontos-health-tech-sector.html>

¹⁸¹⁵ Government of Canada invests in transportation infrastructure at the Port of Trois-Rivières to move goods to market, Government of Canada (Trois-Rivières) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/transport-canada/news/2020/10/government-of-canada-invests-in-transportation-infrastructure-at-the-port-of-trois-rivieres-to-move-goods-to-market.html>

eliminate current bottleneck issues.¹⁸¹⁶ Furthermore, it will create 630 jobs and contribute to economic recovery due to the COVID-19 pandemic.¹⁸¹⁷

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.¹⁸¹⁸ The project is aimed at advancing development of the Yangtze River economic belt, 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.¹⁸¹⁹

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.¹⁸²⁰

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

¹⁸¹⁶ Government of Canada invests in transportation infrastructure at the Port of Trois-Rivières to move goods to market, Government of Canada (Trois-Rivières) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/transport-canada/news/2020/10/government-of-canada-invests-in-transportation-infrastructure-at-the-port-of-trois-rivieres-to-move-goods-to-market.html>

¹⁸¹⁷ Government of Canada invests in transportation infrastructure at the Port of Trois-Rivières to move goods to market, Government of Canada (Trois-Rivières) 9 October 2020. Access Date: 16 November 2020. <https://www.canada.ca/en/transport-canada/news/2020/10/government-of-canada-invests-in-transportation-infrastructure-at-the-port-of-trois-rivieres-to-move-goods-to-market.html>

¹⁸¹⁸ NDRC approves high-speed 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.

¹⁸¹⁹ NDRC approves high-speed 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.

¹⁸²⁰ 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.

transparency and oversight of PPP projects, including through the release of supervision reports and warnings on “abnormal” projects.¹⁸²¹

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.¹⁸²²

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.¹⁸²³

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.¹⁸²⁴

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 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.¹⁸²⁵

On 5 May 2020, the Ministry of Water Resources and the Ministry of Finance announced the first batch of 55 pilot counties for water system connectivity and comprehensive improvement of rural water systems.¹⁸²⁶ The central government has allocated CNY2.5 billion to 55 pilot counties to fight rural water pollution.¹⁸²⁷ The ministries will guide the pilot counties in water conservation and water system connectivity, as well as pollution source control, river and lake management and other systematic control measures.¹⁸²⁸

¹⁸²¹ 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.

¹⁸²² 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.

¹⁸²³ 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>.

¹⁸²⁴ 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

¹⁸²⁵ 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>.

¹⁸²⁶ Central government allocates 2.5b yuan for rural water ecology (Beijing). 5 May 2020. Access Date: 17 August 2020. http://english.www.gov.cn/statecouncil/ministries/202005/05/content_WS5eb16575c6d0b3f0e9497022.html

¹⁸²⁷ Central government allocates 2.5b yuan for rural water ecology (Beijing). 5 May 2020. Access Date: 17 August 2020. http://english.www.gov.cn/statecouncil/ministries/202005/05/content_WS5eb16575c6d0b3f0e9497022.html

¹⁸²⁸ Central government allocates 2.5b yuan for rural water ecology (Beijing). 5 May 2020. Access Date: 17 August 2020. http://english.www.gov.cn/statecouncil/ministries/202005/05/content_WS5eb16575c6d0b3f0e9497022.html

On 9 May 2020, Chinese authorities released a guideline to promote digital technologies in rural areas as part of their efforts to advance agricultural and rural modernization.¹⁸²⁹ The guideline, jointly issued by four government departments including the Ministry of Agriculture and Rural Affairs, detailed measures to support the use of information technology in epidemic control, as well as economic and social development in rural areas.¹⁸³⁰ The guideline encouraged the use of technologies like big data, artificial intelligence, remote intelligent agricultural machinery and online services in areas such as spring farming, and vocational training and recruitment of migrant workers.¹⁸³¹

On 20 May, 2020 Chinese megacities such as Beijing and Tianjin have planned to enhance their public health emergency response capacity to better safeguard people's health.¹⁸³² Beijing has vowed to build a stronger public health emergency management system by 2035 as the capital city aims to become a world-class city by then, according to the municipal authorities.¹⁸³³ According to a three-year action plan on strengthening the emergency management system for public health security in the capital (2020-2022), Beijing will establish a linkage mechanism for prevention, clinical practice, scientific research, treatment and emergency project approval.¹⁸³⁴

On 11 June 2020, the Ministry of Industry and Information Technology said in a 2020 work plan on June 10 that it will step up efforts to encourage the construction of a batch of industrial internet data centers across China as part of its broader push to accelerate an industrial upgrade.¹⁸³⁵ Liu Duo, head of the government think tank the China Academy of Information and Communications Technology, said the industrial internet is being increasingly used in manufacturing, healthcare, energy, smart ports and other sectors in China.¹⁸³⁶

On 24 June 2020, according to National Development and Reform Commission, China will allocate a total of CNY3.5 billion from the central budget to promote the building of the Hainan free trade port.¹⁸³⁷ Targeted support will be offered to long-term projects, including monitoring facilities in comprehensive bonded zones, tourism-related infrastructure, as well as projects concerning epidemic prevention and control.¹⁸³⁸

¹⁸²⁹ China to further empower rural development with digital technologies (Beijing). 9 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202005/09/content_WS5eb6ac70c6d0b3f0e949746c.html

¹⁸³⁰ China to further empower rural development with digital technologies (Beijing). 9 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202005/09/content_WS5eb6ac70c6d0b3f0e949746c.html

¹⁸³¹ China to further empower rural development with digital technologies (Beijing). 9 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202005/09/content_WS5eb6ac70c6d0b3f0e949746c.html

¹⁸³² Megacities expand efforts to protect public health (Beijing) 20 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/news/topnews/202005/20/content_WS5ec4d586c6d0b3f0e9498063.html

¹⁸³³ Megacities expand efforts to protect public health (Beijing) 20 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/news/topnews/202005/20/content_WS5ec4d586c6d0b3f0e9498063.html

¹⁸³⁴ Megacities expand efforts to protect public health (Beijing) 20 May 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/news/topnews/202005/20/content_WS5ec4d586c6d0b3f0e9498063.html

¹⁸³⁵ China to build data center for industrial internet (Beijing) 11 June 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202007/11/content_WS5f0914f4c6d06c4091250be6.html

¹⁸³⁶ China to build data center for industrial internet (Beijing) 11 June 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202007/11/content_WS5f0914f4c6d06c4091250be6.html

¹⁸³⁷ China to allocate billions for building of Hainan free trade port (Beijing) 24 June 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202006/24/content_WS5ef28e1fc6d0a6946639c9ca.html

¹⁸³⁸ China to allocate billions for building of Hainan free trade port (Beijing) 24 June 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202006/24/content_WS5ef28e1fc6d0a6946639c9ca.html

On 24 July 2020, Ministry of Industry and Information Technology announced it will step up efforts to advance the construction of battery swap infrastructure in the latest move to promote quality growth of the new-energy vehicle (NEV) sector.¹⁸³⁹ Leading the world in NEV output and sales in the past five years, China has built 38,000 battery charging stations, 449 battery swap stations, and 1.3 million charging poles.¹⁸⁴⁰ The battery swap mode, conducive to extending the life of batteries, will help enhance safety and lower costs for NEV buyers.¹⁸⁴¹

On 10 October 2020, China's State Grid pledged to "further boost the construction of the country's power grids to empower the formation of a new development pattern."¹⁸⁴² China expects to exceed CNY6 trillion (USD885 billion) investment in power grids and related industries between 2012 and 2025, focusing on ultra-high voltage power transmission, electric vehicle charger sand new digital infrastructure.¹⁸⁴³

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: 0

France has partially 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.¹⁸⁴⁴

On 9 July 2019, Transport Minister Elisabeth Borne announced that France would introduce an "eco-tax" on all flights from French airports.¹⁸⁴⁵ The money raised by the tax is intended to be invested in more environmentally friendly transport services, such as trains.¹⁸⁴⁶ The scheme on

¹⁸³⁹ China to further promote NEV battery swapping (Beijing) 24 July 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202007/24/content_WS5f1a187cc6d029c1c26368e2.html

¹⁸⁴⁰ China to further promote NEV battery swapping (Beijing) 24 July 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202007/24/content_WS5f1a187cc6d029c1c26368e2.html

¹⁸⁴¹ China to further promote NEV battery swapping (Beijing) 24 July 2020. Access Date: 17 August 2020.

http://english.www.gov.cn/statecouncil/ministries/202007/24/content_WS5f1a187cc6d029c1c26368e2.html

¹⁸⁴² China to further propel power grid development, the State Council (Beijing) 10 October 2020. Access Date: 16 November 2020. http://english.www.gov.cn/news/topnews/202010/10/content_WS5f81b648c6d0f7257693d4ba.html

¹⁸⁴³ China to further propel power grid development, the State Council (Beijing) 10 October 2020. Access Date: 16 November 2020. http://english.www.gov.cn/news/topnews/202010/10/content_WS5f81b648c6d0f7257693d4ba.html

¹⁸⁴⁴ Ajaccio urban cable car, France Mobilities (Paris) February 2019. Date of Access: 28 January 2020.

<https://www.francemobilites.fr/projets/telepherique-urbain-dajaccio>.

¹⁸⁴⁵ France plans 'eco-tax' for air fares, BBC News (Paris) 9 July 2019. Access Date: 16 November 2020.

<https://www.bbc.co.uk/news/business-48922049>

¹⁸⁴⁶ France plans 'eco-tax' for air fares, BBC News (Paris) 9 July 2019. Access Date: 16 November 2020.

<https://www.bbc.co.uk/news/business-48922049>

tightening environmental regulation and reducing pollution will be fully implemented starting in 2021.¹⁸⁴⁷

On 17 September 2019, France presented its plans for improving the competitiveness of the logistics chain in France, representing 10 per cent of France's GDP and 1.8 million jobs.¹⁸⁴⁸ France will create the France Logistique, which will streamline infrastructure governance in France to make France a strategic logistic hub.¹⁸⁴⁹

On 22 October 2019, France launched its International Strategy for Food Security, Nutrition and Sustainable Agriculture (2019-2024).¹⁸⁵⁰ This strategy will focus on strengthening global governance of food security and nutrition, develop sustainable agricultural and food systems, strengthen action on nutrition, support the structuring of sustainable agrifood chains to promote jobs in rural areas, and enhance food assistance for vulnerable populations.¹⁸⁵¹

On 25 November 2019, France announced the adoption of regulatory framework governing the applications of blockchains to financial services to “promote development of a dynamic, robust blockchain ecosystem in France, combining capacity for innovation, transparency and a high level of security for savers and investors.”¹⁸⁵²

On 11 December 2019, the European Commission approved the Important Project of Common European Interest in the field of batteries, an initiative launched by France, Germany, Belgium, Finland, Italy, Poland and Sweden.¹⁸⁵³ This project will create more jobs and strengthens the economic and technological independence of European countries through industrial development and green growth.¹⁸⁵⁴

From 16-17 July 2020, Minister for Europe and Foreign Affairs Jean-Yves Le Drian visited Iraq and met with President Barham Saleh and Prime Minister Mustafa al-Kadhimi, as well as Minister of Foreign Affairs Fuad Hussein.¹⁸⁵⁵ France committed to providing nearly EUR2 million to Iraq to assist in their fight against COVID-19, which includes an immediate delivery of medical equipment

¹⁸⁴⁷ France plans 'eco-tax' for air fares, BBC News (Paris) 9 July 2019. Access Date: 16 November 2020.

<https://www.bbc.co.uk/news/business-48922049>

¹⁸⁴⁸ France's ambition for logistics, Government of France (Paris) 17 September 2019. Access Date: 17 November 2020.

<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁸⁴⁹ France's ambition for logistics, Government of France (Paris) 17 September 2019. Access Date: 17 November 2020.

<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁸⁵⁰ France's ambition for logistics, Government of France (Paris) 17 September 2019. Access Date: 17 November 2020.

<https://www.gouvernement.fr/en/france-s-ambition-for-logistics>

¹⁸⁵¹ Food security, nutrition and sustainable agriculture - France's strategy (22 Oct. 19), France Diplomacy (Paris) 22 October 2019. Access Date: 17 November 2020. <https://www.diplomatie.gouv.fr/en/french-foreign-policy/development-assistance/news/2019/article/food-security-nutrition-and-sustainable-agriculture-france-s-strategy-22-oct-19>

¹⁸⁵² France adopts a regulatory framework for blockchains, Government of France (Paris) 25 November 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/france-adopts-a-regulatory-framework-for-blockchains>

¹⁸⁵³ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

¹⁸⁵⁴ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

¹⁸⁵⁵ Iraq - Joint Communiqué by the French and Iraqi Foreign Ministries (16 Jul. 2020), Ministry of Foreign Affairs (Paris) 17 July 2020. Access Date: 16 November 2020. <https://www.diplomatie.gouv.fr/en/country-files/iraq/news/article/iraq-joint-communique-by-the-french-and-iraqi-foreign-ministries-16-jul-2020>

to assist Iraq in building resilience against the disaster.¹⁸⁵⁶ Furthermore, France has already committed EUR20 million to Iraq in 2020 to support infrastructure projects, which are complemented by a EUR1 billion finance facility France has made available to Iraq.¹⁸⁵⁷

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.¹⁸⁵⁸ 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).¹⁸⁵⁹

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.¹⁸⁶⁰

On 11 March 2020, Minister of Economy and France Bruno Le Maire welcomed the publication of the European Commission's Industrial Strategy, following a lengthy demand by France, Austria, Bulgaria, Germany, Greece, Italy, Luxembourg, Romania and Spain for an ambitious industrial strategy.¹⁸⁶¹ This strategy will strengthen the competitiveness of industries across Europe and support innovation in the face of technological and climate changes.¹⁸⁶² Furthermore, the group of countries called for accelerating the decarbonation of the European industry by "adapting the European framework for energy-environment State aid and improving the single market for products and services, for products of the circular economy and for greener public procurement."¹⁸⁶³

¹⁸⁵⁶ Iraq - Joint Communiqué by the French and Iraqi Foreign Ministries (16 Jul. 2020), Ministry of Foreign Affairs (Paris) 17 July 2020. Access Date: 16 November 2020. <https://www.diplomatie.gouv.fr/en/country-files/iraq/news/article/iraq-joint-communique-by-the-french-and-iraqi-foreign-ministries-16-jul-2020>

¹⁸⁵⁷ Iraq - Joint Communiqué by the French and Iraqi Foreign Ministries (16 Jul. 2020), Ministry of Foreign Affairs (Paris) 17 July 2020. Access Date: 16 November 2020. <https://www.diplomatie.gouv.fr/en/country-files/iraq/news/article/iraq-joint-communique-by-the-french-and-iraqi-foreign-ministries-16-jul-2020>

¹⁸⁵⁸ 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-solaire.gouv.fr/re2020-nouvelle-etape-vers-future-reglementation-environnementale-des-batiments-neufs-plus>.

¹⁸⁵⁹ 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-solaire.gouv.fr/re2020-nouvelle-etape-vers-future-reglementation-environnementale-des-batiments-neufs-plus>.

¹⁸⁶⁰ 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-solaire.gouv.fr/lancement-feuille-route-des-biocarburants-aeronautiques-durables-dans-transport-aerien-francais>.

¹⁸⁶¹ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁸⁶² Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁸⁶³ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

On 17 March 2020, Minister Le Maire announced a EUR45 billion aid package for small businesses and other sectors of the economy that have been heavily impacted by the COVID-19 pandemic.¹⁸⁶⁴ The aim is to “safeguard the production capacities of companies.”¹⁸⁶⁵

On 18 May 2020, France and Germany proposed a series of concrete actions that will ensure the EU’s sustainable recovery.¹⁸⁶⁶ The proposal includes research and development of vaccines and treatments, production capacities for medical products, a stimulus fund for the most affected regions and sectors, accelerating the digital transition and the European Green Deal, diversifying value chains and encouraging investments in the EU, and a European minimum wage, among other measures.¹⁸⁶⁷

On 17 June 2020, France announced the launch of the Global Partnership on Artificial Intelligence (GPAI), an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁸⁶⁸ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁸⁶⁹ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁸⁷⁰

On 22 July 2020, Prime Minister Jean Castex announced the adoption of the EUR750 billion recovery plan for Europe, stating, “initiated by France and Germany, the historic recovery plan adopted in Brussels is a powerful, sustainable response to the crisis.”¹⁸⁷¹ The recovery plan will invest in green transition, youth, modernization and protecting jobs.¹⁸⁷²

On 12 August 2020, France launched a EUR100 million call for projects to promote industrial autonomy.¹⁸⁷³ The goal “is to reduce dependence on non-European suppliers while developing sectors for the future ensuring creation of value in France and Europe” and supports location or

¹⁸⁶⁴ France injects billions into stimulus plan amid coronavirus chaos, Politico (Paris) 17 March 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-injects-billions-into-stimulus-plan-amid-coronavirus-chaos-bruno-le-maire-economic-catastrophe/>

¹⁸⁶⁵ France injects billions into stimulus plan amid coronavirus chaos, Politico (Paris) 17 March 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-injects-billions-into-stimulus-plan-amid-coronavirus-chaos-bruno-le-maire-economic-catastrophe/>

¹⁸⁶⁶ France and Germany united for the sustainable recovery of the European Union, Government of France (Paris) 18 May 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/france-and-germany-united-for-the-sustainable-recovery-of-the-european-union>

¹⁸⁶⁷ France and Germany united for the sustainable recovery of the European Union, Government of France (Paris) 18 May 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/france-and-germany-united-for-the-sustainable-recovery-of-the-european-union>

¹⁸⁶⁸ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁸⁶⁹ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁸⁷⁰ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁸⁷¹ Adoption of the Recovery Plan for Europe: a major step for the European Union, Government of France (Paris) 22 July 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/adoption-of-the-recovery-plan-for-europe-a-major-step-for-the-european-union>

¹⁸⁷² Adoption of the Recovery Plan for Europe: a major step for the European Union, Government of France (Paris) 22 July 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/adoption-of-the-recovery-plan-for-europe-a-major-step-for-the-european-union>

¹⁸⁷³ Call for projects on creation of value in France and Europe, Government of France (Paris) 12 August 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/call-for-projects-on-creation-of-value-in-france-and-europe>

relation of industries to France.¹⁸⁷⁴ The sectors that are prioritized are health, agrifood, electronics, and sectors supplying essential industrial inputs.¹⁸⁷⁵

On 3 September 2020, Prime Minister Castex outlined a EUR100 billion recovery plan over two years to combat the impact of the COVID-19 pandemic on the economy.¹⁸⁷⁶ This plan consists of three pillars: “greening the economy (EUR30 billion), promoting economic sovereignty and France’s competitiveness (EUR34 billion) and funding “solidarity and skills” through social expenses (EUR36 billion).”¹⁸⁷⁷ France aims to become carbon neutral by 2025, wants to modernize the economy, and launch new industrial branches in biotech, renewables, quantum calculus and waste management.¹⁸⁷⁸ The industrial plan includes a EUR20 billion cut on production tax.¹⁸⁷⁹

France has partially 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 integrating environmental considerations, maximizing the positive impact of infrastructure to achieve sustainable growth and development, and strengthening infrastructure governance.

Thus, France receives a score of 0.

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.¹⁸⁸⁰ 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.¹⁸⁸¹

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

¹⁸⁷⁴ Call for projects on creation of value in France and Europe, Government of France (Paris) 12 August 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/call-for-projects-on-creation-of-value-in-france-and-europe>

¹⁸⁷⁵ Call for projects on creation of value in France and Europe, Government of France (Paris) 12 August 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/call-for-projects-on-creation-of-value-in-france-and-europe>

¹⁸⁷⁶ French government lays out fresh €100B stimulus package, Politico (Paris) 3 September 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-coronavirus-100-billion-stimulus-package/>

¹⁸⁷⁷ French government lays out fresh €100B stimulus package, Politico (Paris) 3 September 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-coronavirus-100-billion-stimulus-package/>

¹⁸⁷⁸ French government lays out fresh €100B stimulus package, Politico (Paris) 3 September 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-coronavirus-100-billion-stimulus-package/>

¹⁸⁷⁹ French government lays out fresh €100B stimulus package, Politico (Paris) 3 September 2020. Access Date: 16 November 2020. <https://www.politico.eu/article/france-coronavirus-100-billion-stimulus-package/>

¹⁸⁸⁰ 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>.

¹⁸⁸¹ 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>.

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.¹⁸⁸²

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.¹⁸⁸³

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.¹⁸⁸⁴

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, 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 10:1.¹⁸⁸⁵

On 11 December 2019, the European Commission approved the Important Project of Common European Interest in the field of batteries, an initiative launched by France, Germany, Belgium, Finland, Italy, Poland and Sweden.¹⁸⁸⁶ This project will create more jobs and strengthens the economic and technological independence of European countries through industrial development and green growth.¹⁸⁸⁷

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.

¹⁸⁸² 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>.

¹⁸⁸³ 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>.

¹⁸⁸⁴ 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>.

¹⁸⁸⁵ 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>.

¹⁸⁸⁶ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

¹⁸⁸⁷ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

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.¹⁸⁸⁸

On 31 January 2020, the Federal Government, in cooperation with Deutsche Bahn, committed EUR11 billion under the Federal Government's 2030 Climate Change Programme to reduce the climate footprint of railway transport.¹⁸⁸⁹ The funds will be invested entirely in infrastructure projects, specifically relieving network congestion, implementing digital signaling and other railway technologies, improving station safety and accessibility and increasing railway capacity and quality.¹⁸⁹⁰ The investment will contribute to a more functional, robust and climate-friendly railway network, complementing the Federal Government's overall plan for environmentally friendly mobility.¹⁸⁹¹

On 6 February 2020, the Federal Ministry of Transport and Digital Infrastructure provided a total of EUR8.3 million to seven universities to fund endowed chairs on cycling within the 2020 National Cycling Plan.¹⁸⁹² The Federal Government's support of the endowed chairs will promote cycling in research and teaching, and support infrastructure planning, mobility management and cycling-conscious policy, providing cyclical benefits to encourage cycling and empower cyclists.¹⁸⁹³ In addition to cycling research and training, the chairs will examine new technologies and envision future mobility through interdisciplinary networks, leveraging synergies within the broader pro-cycling effort.¹⁸⁹⁴

On 11 March 2020, Federal Minister for Economic Affairs and Energy Peter Altmaier welcomed the publication of the European Commission's Industrial Strategy, following a lengthy demand by France, Austria, Bulgaria, Germany, Greece, Italy, Luxembourg, Romania and Spain for an ambitious industrial strategy.¹⁸⁹⁵ This strategy will strengthen the competitiveness of industries across Europe and support innovation in the face of technological and climate changes.¹⁸⁹⁶ Furthermore, the group of countries called for accelerating the decarbonation of the European industry by "adapting the

¹⁸⁸⁸ 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>.

¹⁸⁸⁹ Federal Government and DB boost railways with additional 11 billion euros to proactively reduce the climate footprint of transport, Federal Ministry of Transport and Digital Infrastructure (Berlin) 31 January 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/003-scheuer-strongrail.html>

¹⁸⁹⁰ Federal Government and DB boost railways with additional 11 billion euros to proactively reduce the climate footprint of transport, Federal Ministry of Transport and Digital Infrastructure (Berlin) 31 January 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/003-scheuer-strongrail.html>

¹⁸⁹¹ Federal Government and DB boost railways with additional 11 billion euros to proactively reduce the climate footprint of transport, Federal Ministry of Transport and Digital Infrastructure (Berlin) 31 January 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/003-scheuer-strongrail.html>

¹⁸⁹² First-time funding provided by BMVI for university chairs on cycling, Federal Ministry of Transport and Digital Infrastructure (Berlin) 6 February 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/005-we-are-gearing-up-to-support-cyclists.html>

¹⁸⁹³ First-time funding provided by BMVI for university chairs on cycling, Federal Ministry of Transport and Digital Infrastructure (Berlin) 6 February 2020. Access Date: 24 July 2020.

<https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/005-we-are-gearing-up-to-support-cyclists.html>

¹⁸⁹⁴ First-time funding provided by BMVI for university chairs on cycling, Federal Ministry of Transport and Digital Infrastructure (Berlin) 6 February 2020. Access Date: 24 July 2020.

<https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/005-we-are-gearing-up-to-support-cyclists.html>

¹⁸⁹⁵ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁸⁹⁶ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

European framework for energy-environment State aid and improving the single market for products and services, for products of the circular economy and for greener public procurement.”¹⁸⁹⁷

On 18 May 2020, Germany and France proposed a series of concrete actions that will ensure the EU’s sustainable recovery.¹⁸⁹⁸ The proposal includes research and development of vaccines and treatments, production capacities for medical products, a stimulus fund for the most affected regions and sectors, accelerating the digital transition and the European Green Deal, diversifying value chains and encouraging investments in the EU, and a European minimum wage, among other measures.¹⁸⁹⁹

On 16 June 2020, the Federal Government, along with regional authorities and industry partners, agreed to support new investments in mobile communications at the Mobile Communications Summit.¹⁹⁰⁰ While mobile communications networks have been improved in recent years, with 99 per cent of households having access to LTE reception, white and dead spots remain of inadequate coverage, particularly in rural areas.¹⁹⁰¹ The coronavirus pandemic has emphasized the universal importance of mobile communications, with this cooperative commitment set to bring high-capacity digital infrastructure to all Germans and boost the implementation of 5G technology.¹⁹⁰²

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁹⁰³ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁹⁰⁴ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁹⁰⁵

¹⁸⁹⁷ Joint statement welcoming the European Commission’s Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁸⁹⁸ France and Germany united for the sustainable recovery of the European Union, Government of France (Paris) 18 May 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/france-and-germany-united-for-the-sustainable-recovery-of-the-european-union>

¹⁸⁹⁹ France and Germany united for the sustainable recovery of the European Union, Government of France (Paris) 18 May 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/france-and-germany-united-for-the-sustainable-recovery-of-the-european-union>

¹⁹⁰⁰ Mobile Communications Summit: Federal Government, federal states, local authorities and industry agree on mobile communications funding, Federal Ministry of Transport and Digital Infrastructure (Berlin) 16 June 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/023-scheuer-mobile-communications-summit.html>

¹⁹⁰¹ Mobile Communications Summit: Federal Government, federal states, local authorities and industry agree on mobile communications funding, Federal Ministry of Transport and Digital Infrastructure (Berlin) 16 June 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/023-scheuer-mobile-communications-summit.html>

¹⁹⁰² Mobile Communications Summit: Federal Government, federal states, local authorities and industry agree on mobile communications funding, Federal Ministry of Transport and Digital Infrastructure (Berlin) 16 June 2020. Access Date: 24 July 2020. <https://www.bmvi.de/SharedDocs/EN/PressRelease/2020/023-scheuer-mobile-communications-summit.html>

¹⁹⁰³ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁰⁴ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁰⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

On 22 July 2020, the adoption of the EUR750 billion recovery plan, initiated by Germany and France, for Europe was announced.¹⁹⁰⁶ The recovery plan will invest in green transition, youth, modernization and protecting jobs.¹⁹⁰⁷

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.¹⁹⁰⁸

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.”¹⁹⁰⁹

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.¹⁹¹⁰

On 15 August 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.¹⁹¹¹

¹⁹⁰⁶ Adoption of the Recovery Plan for Europe: a major step for the European Union, Government of France (Paris) 22 July 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/adoption-of-the-recovery-plan-for-europe-a-major-step-for-the-european-union>

¹⁹⁰⁷ Adoption of the Recovery Plan for Europe: a major step for the European Union, Government of France (Paris) 22 July 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/adoption-of-the-recovery-plan-for-europe-a-major-step-for-the-european-union>

¹⁹⁰⁸ 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>.

¹⁹⁰⁹ ‘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>.

¹⁹¹⁰ 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 2 October 2019, the 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.¹⁹¹²

On 29 November 2019, the Indian government is set to pump INR800–1,000 crore 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.¹⁹¹³

On 12 December 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.¹⁹¹⁴

On 31 January 2020, Suez India Private Limited, the private company contracted for creating a drinking water project around the clock announced that they also planned to open a round-the-clock customer care centre that would address grievances related to water-supply of the city and solve their problems instantly as well as minimize illegal activity.¹⁹¹⁵

On 1 February 2020, the Finance Minister, Nirmala Sitharaman, announced the Indian government has launched INR103 trillion infrastructure projects in addition to providing about INR1.7 trillion for transport infrastructure and accelerating highway construction.¹⁹¹⁶ These are to augment India's infrastructure and create jobs.¹⁹¹⁷

On 8 March, the Chief Minister of Tamil Nadu, Edappadi K Palaniswami, announced he would soon launch schemes worth INR7,888 crore to strengthen the irrigation of the Cauvery delta basin.¹⁹¹⁸

¹⁹¹¹ 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>.

¹⁹¹² 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>.

¹⁹¹³ Government set to infuse Rs 1,000 crore 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>.

¹⁹¹⁴ 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>.

¹⁹¹⁵ 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>.

¹⁹¹⁶ Budget 2020: Sitharaman unveils new infra road map to lend a cutting edge to flagship NIP scheme, The Economic Times (New Delhi) 1 February 2020. Access Date: 24 July 2020. <https://economictimes.indiatimes.com/news/economy/infrastructure/budget-2020-sitharaman-unveils-new-infra-road-map-to-lend-a-cutting-edge-to-flagship-nip-scheme/articleshow/73833402.cms>

¹⁹¹⁷ Budget 2020: Sitharaman unveils new infra road map to lend a cutting edge to flagship NIP scheme, The Economic Times (New Delhi) 1 February 2020. Access Date: 24 July 2020. <https://economictimes.indiatimes.com/news/economy/infrastructure/budget-2020-sitharaman-unveils-new-infra-road-map-to-lend-a-cutting-edge-to-flagship-nip-scheme/articleshow/73833402.cms>

¹⁹¹⁸ Will launch Rs 7,888 crore schemes to bolster Cauvery irrigation: Tamil Nadu CM, Times of India (Tiruvarur/Nagapattinam) 8 March 2020. Access Date: 24 July 2020. <https://timesofindia.indiatimes.com/city/trichy/will-launch-rs-7888cr-schemes-to-bolster-cauvery-irrigation-cm/articleshow/74532637.cms>

This includes a massive extension, renovation, and modernization of the irrigation system sponsored by Nabard for INR5590 crore.¹⁹¹⁹

On 6 June 2020, the Reserve Bank of India, has created a payments infrastructure development fund with a INR250 crore investment to subsidize setting up of card and digital payment infrastructure in small towns and the North-Eastern region of the country.¹⁹²⁰ The fund will have an initial size of INR500 crore and hopes to ensure economic benefits for the regions.¹⁹²¹

On 7 June 2020, the Chief Minister of Uttar Pradesh, Yogi Adityanath, launched power infrastructure projects worth INR3135 crore.¹⁹²² This is in keeping with Prime Minister Narendra Modi “Power for all” resolution, and part of continuous effort to provide 24-hour power supply to every household, thereby improving quality of life in the region.¹⁹²³

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁹²⁴ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁹²⁵ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁹²⁶

On 8 July 2020, the Indian government, approved setting up an agri-infrastructure fund with corpus of INR1 lakh crore.¹⁹²⁷ The fund is to provide financial support to agri-entrepreneurs, start-ups, agri-tech players and farmer groups for infrastructure and logistics.¹⁹²⁸

¹⁹¹⁹ Will launch Rs 7,888 crore schemes to bolster Cauvery irrigation: Tamil Nadu CM, Times of India (Tiruvarur/Nagapattinam) 8 March 2020. Access Date: 24 July 2020.

<https://timesofindia.indiatimes.com/city/trichy/will-launch-rs-7888cr-schemes-to-bolster-cauvery-irrigation-cm/articleshow/74532637.cms>

¹⁹²⁰ RBI sets up Rs 500 crore to help small towns go digital, Times of India (Mumbai) 6 June 2020. Access Date: 24 July 2020. <https://timesofindia.indiatimes.com/business/india-business/rbi-sets-up-rs-500-crore-to-help-small-towns-go-digital/articleshow/76226667.cms>

¹⁹²¹ RBI sets up Rs 500 crore to help small towns go digital, Times of India (Mumbai) 6 June 2020. Access Date: 24 July 2020. <https://timesofindia.indiatimes.com/business/india-business/rbi-sets-up-rs-500-crore-to-help-small-towns-go-digital/articleshow/76226667.cms>

¹⁹²² UP CM Yogi Adityanath launches power infrastructure projects worth Rs 3135 crore, Times of India (Lucknow) 7 June 2020. Access Date: 24 July 2020. <https://timesofindia.indiatimes.com/city/lucknow/up-cm-yogi-adityanath-launches-power-infrastructure-projects-worth-rs-3135-crore/articleshow/76240773.cms>

¹⁹²³ UP CM Yogi Adityanath launches power infrastructure projects worth Rs 3135 crore, Times of India (Lucknow) 7 June 2020. Access Date: 24 July 2020. <https://timesofindia.indiatimes.com/city/lucknow/up-cm-yogi-adityanath-launches-power-infrastructure-projects-worth-rs-3135-crore/articleshow/76240773.cms>

¹⁹²⁴ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹²⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹²⁶ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹²⁷ Government approves additional Rs 1,691 crore for highway works in J&K, Uttarakhand for 2020-21. The Economic Times (New Delhi) 28 June 2020. Access Date: 24 July 2020.

<https://economictimes.indiatimes.com/news/economy/infrastructure/government-approves-additional-rs-1691-crore-for-highway-works-in-jk-uttarakhand-for-2020-21/articleshow/76672973.cms>

¹⁹²⁸ Cabinet nod for Rs 1 lakh crore agri-infra fund, The Economic Times (New Delhi) 8 July 2020. Access Date: 24 July 2020. <https://economictimes.indiatimes.com/news/economy/agriculture/govt-decided-to-set-up-an-agri-infrastructure-fund/articleshow/76854880.cms>

On 10 July 2020, IRB Infrastructure announced it has secured a INR2193 crore highway project in West Bengal under the Bhartmala Pariyojna.¹⁹²⁹ IRB Chair and Managing Director Virendra D Mhaiskar said the company is committed to bring quality connectivity with the rest of the country, which will result in sustainable growth and growth and development.¹⁹³⁰

On 25 September 2020, India met with Australia, the US, and Japan for a virtual Quad meeting to discuss efforts to improve the Indo-Pacific region.¹⁹³¹ One of the topics discussed was “quality infrastructure based upon international best practices, such as the G20 Principles for Quality Infrastructure Investment.”¹⁹³²

On 7 October 2020, India signed a pact for cooperation in 5G tech, AI, critical information infrastructure, investment, connectivity, infrastructure, and other critical areas with Japan.¹⁹³³ This extended partnership between India and Japan aims to strengthen their relationship in all sectors and work on development projects.¹⁹³⁴

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, Ian Stansbury and Yupeng Huang

Indonesia: +1

Indonesia has fully complied with its commitment to endorse the G20 Principles for Quality Infrastructure Investment as its common strategic direction and high aspiration.

On 3 July 2019, National Development Planning Minister Bambang Brodjonegoro released the 2020-2024 National Medium-Term Development Plan (RPJMN).¹⁹³⁵ The RPJMN will focus on building infrastructure, increasing connectivity, and strengthening effectiveness, ensuring that all infrastructure

¹⁹²⁹ IRB Infrastructure secures Rs 2,193 crore project in West Bengal under Bharatmala, The Economic Times (New Delhi) 10 July 2020. Access Date: 24 July 2020. <https://economictimes.indiatimes.com/industry/indl-goods/svs/construction/irb-infrastructure-secures-rs-2193-crore-project-in-west-bengal-under-bharatmala/articleshow/76897171.cms>

¹⁹³⁰ IRB Infrastructure secures Rs 2,193 crore project in West Bengal under Bharatmala, The Economic Times (New Delhi) 10 July 2020. Access Date: 24 July 2020. <https://economictimes.indiatimes.com/industry/indl-goods/svs/construction/irb-infrastructure-secures-rs-2193-crore-project-in-west-bengal-under-bharatmala/articleshow/76897171.cms>

¹⁹³¹ U.S.-Australia-India-Japan Consultations (“The Quad”), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁹³² U.S.-Australia-India-Japan Consultations (“The Quad”), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁹³³ India, Japan finalise pact for cooperation in 5G tech, AI and critical information infra, Times of India (New Delhi) 7 October 2020. Access Date: 17 November 2020. <https://timesofindia.indiatimes.com/india/india-japan-finalise-pact-for-cooperation-in-5g-tech-ai-and-critical-information-infra/articleshow/78533793.cms>

¹⁹³⁴ India, Japan finalise pact for cooperation in 5G tech, AI and critical information infra, Times of India (New Delhi) 7 October 2020. Access Date: 17 November 2020. <https://timesofindia.indiatimes.com/india/india-japan-finalise-pact-for-cooperation-in-5g-tech-ai-and-critical-information-infra/articleshow/78533793.cms>

¹⁹³⁵ RPJMN 2020-2024 remains focusing on infrastructure development, PwC (Jakarta) 3 July 2019. Access Date: 17 November 2020. <https://www.pwc.com/id/en/media-centre/infrastructure-news/july-2019/rpjmn-2020-2024-remains-focusing.html>

development is sustainable.¹⁹³⁶ This includes around USD430 billion investment in infrastructure over the five years.¹⁹³⁷

On 14 July 2019, President Joko Widodo outlined his plan for a second term, focusing on quicker infrastructure developing and more investment opportunities to create jobs and growth.¹⁹³⁸ The plan includes “connect[ing] ports and airports across the archipelago to agricultural and tourism centres...improve human resources...developing a skill workforce...open investment opportunities...reform the country’s unwieldy bureaucracy...disband institutions that [are] not useful.”¹⁹³⁹

On 26 August 2019, Indonesia announced the island of Borneo as the new capital city, being relocated from Jakarta.¹⁹⁴⁰ This massive infrastructure project that will cost IDR466 trillion is due to Jakarta being at high risk of natural disasters, sitting on a swampy land that is sinking.¹⁹⁴¹

On 24 September 2019, Japan and Indonesia concluded two years of negotiations over a JPY458 billion rail project that would link Jakarta and Surabaya. The project is scheduled to begin in 2020 and will involve the construction of approximately 720 kilometers of new rail which will reduce the need for air travel between the two cities, contributing to a reduction of carbon emissions.¹⁹⁴²

On 14 October 2019, Indonesia announced the completion of a 13,000-kilometer fibre-optic network, the Palapa Ring, that will provide some of the poorest regions in the east with high-speed internet.¹⁹⁴³ The aim is to strengthen trade, by connecting small and medium enterprises products to national and global networks.¹⁹⁴⁴

¹⁹³⁶ RPJMN 2020-2024 remains focusing on infrastructure development, PwC (Jakarta) 3 July 2019. Access Date: 17 November 2020. <https://www.pwc.com/id/en/media-centre/infrastructure-news/july-2019/rpjm-2020-2024-remains-focusing.html>

¹⁹³⁷ Indonesia plans \$430 bn infra spend by 2024, Infrastructure Investor (Jakarta) 23 July 2020. Access Date: 17 November 2020. <https://www.infrastructureinvestor.com/indonesia-plans-430bn-infra-spend-by-2024/>

¹⁹³⁸ Indonesia president pledges more infrastructure, investment in second term, Reuters (Bogor) 14 July 2019. Access Date: 17 November 2020. <https://www.reuters.com/article/us-indonesia-politics-widodo/indonesia-president-pledges-more-infrastructure-investment-in-second-term-idUSKCN1U90HD>

¹⁹³⁹ Indonesia president pledges more infrastructure, investment in second term, Reuters (Bogor) 14 July 2019. Access Date: 17 November 2020. <https://www.reuters.com/article/us-indonesia-politics-widodo/indonesia-president-pledges-more-infrastructure-investment-in-second-term-idUSKCN1U90HD>

¹⁹⁴⁰ Indonesia picks Borneo island as site of new capital, BBC News (Jakarta) 26 August 2019. Access Date: 17 November 2020. <https://www.bbc.co.uk/news/world-asia-49470258>

¹⁹⁴¹ Indonesia picks Borneo island as site of new capital, BBC News (Jakarta) 26 August 2019. Access Date: 17 November 2020. <https://www.bbc.co.uk/news/world-asia-49470258>

¹⁹⁴² 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>.

¹⁹⁴³ Indonesia completes fiber-optic network to bring internet to remote east, Reuters (Jakarta) 14 October 2019. Access Date: 17 November 2020. <https://uk.reuters.com/article/us-indonesia-infrastructure/indonesia-completes-fiber-optic-network-to-bring-internet-to-remote-east-idUKKBN1WTOXC>

¹⁹⁴⁴ Indonesia completes fiber-optic network to bring internet to remote east, Reuters (Jakarta) 14 October 2019. Access Date: 17 November 2020. <https://uk.reuters.com/article/us-indonesia-infrastructure/indonesia-completes-fiber-optic-network-to-bring-internet-to-remote-east-idUKKBN1WTOXC>

On 25 October 2019, Indonesia secured a USD500 million policy-based loan from the Asian Development Bank to fund fiscal and public expenditure management and, among others, infrastructure projects and ensure they are in line with the Sustainable Development Goals.¹⁹⁴⁵

On 13 January 2020, Indonesia secured a USD23 billion investment from the United Arab Emirates for infrastructure projects, consisting of 11 business agreements regarding energy, oil and gas, petrochemical, seaport, telecommunication and research.¹⁹⁴⁶ This investment will contribute to building Indonesia's USD31 billion new capital city, moving from Jakarta to the island of Borneo, beginning in 2021.¹⁹⁴⁷

On 8 April 2020, Public Works and Housing Minister Basuki Hadimoeljono gave a statement on Indonesia's intentions to "intensity manpower-intensive infrastructure projects in different parts of Indonesia to offer employment to members of the low-income community to maintain their purchasing power amid the ongoing COVID-19 pandemic."¹⁹⁴⁸ The budget of these seven projects is IDR10 trillion and includes an irrigation system accelerated program, a socio-economic regional infrastructure development program, and reduced, reused and recycled waster management sites.¹⁹⁴⁹

In May 2020, Indonesia made significant alternations to the 2009 Mining Law to encourage more investment in Indonesia's downstream mining industry.¹⁹⁵⁰ The new law, Law no. 3 of 2020 (Mining Law Revision), introduces new licenses and creates more effective mining infrastructure governance.¹⁹⁵¹

On 29 May 2020, Coordinating Economic Affairs Minister Airlangga Hartarto announced 89 additional national strategic projects on top of the existing 223.¹⁹⁵² The projects development from 2020-2024 aim to employ around 4 million workers every year, totaling 19-20 million workers over five years.¹⁹⁵³ The new projects comprise of 15 road and bridge projects, 13 dams and irrigation systems, 13 border infrastructure projects, 12 energy projects, six railway projects, six clean water projects, five airports, five seaports, five industrial zones, three technology projects, three smelters,

¹⁹⁴⁵ ADB's \$500 Million Loan to Improve Public Expenditure Management in Indonesia, Asian Development Bank (Jakarta) 25 October 2019. Access Date: 17 November 2020. <https://www.adb.org/news/adbs-500-million-loan-improve-public-expenditure-management-indonesia>

¹⁹⁴⁶ UAE commits \$23bn to Indonesia infrastructure projects, Financial Times (Dubai) 13 January 2020. Access Date: 17 November 2020. <https://www.ft.com/content/885cf174-35d9-11ea-a6d3-9a26f8c3cba4>

¹⁹⁴⁷ UAE commits \$23bn to Indonesia infrastructure projects, Financial Times (Dubai) 13 January 2020. Access Date: 17 November 2020. <https://www.ft.com/content/885cf174-35d9-11ea-a6d3-9a26f8c3cba4>

¹⁹⁴⁸ Indonesian Govt to intensify labor-intensive infrastructure projects, Antara News (Jakarta) 8 April 2020. Access Date: 17 November 2020. <https://en.antaranews.com/news/145646/indonesian-govt-to-intensify-labor-intensive-infrastructure-projects>

¹⁹⁴⁹ Indonesian Govt to intensify labor-intensive infrastructure projects, Antara News (Jakarta) 8 April 2020. Access Date: 17 November 2020. <https://en.antaranews.com/news/145646/indonesian-govt-to-intensify-labor-intensive-infrastructure-projects>

¹⁹⁵⁰ Indonesia Amends Mining Law to Encourage More Downstream Investment, ASEAN Briefing (Hong Kong) 21 July 2020. Access Date: 17 November 2020. <https://www.aseanbriefing.com/news/indonesia-amends-mining-law-encourage-downstream-investment/>

¹⁹⁵¹ Indonesia Amends Mining Law to Encourage More Downstream Investment, ASEAN Briefing (Hong Kong) 21 July 2020. Access Date: 17 November 2020. <https://www.aseanbriefing.com/news/indonesia-amends-mining-law-encourage-downstream-investment/>

¹⁹⁵² Indonesia to develop 89 new 'strategic' projects in 2020-2024, The Jakarta Post (Jakarta) 3 June 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/06/03/indonesia-to-develop-89-new-strategic-projects-in-2020-2024.html>

¹⁹⁵³ Indonesia to develop 89 new 'strategic' projects in 2020-2024, The Jakarta Post (Jakarta) 3 June 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/06/03/indonesia-to-develop-89-new-strategic-projects-in-2020-2024.html>

one seawall, one waste management project, and one land procurement project.¹⁹⁵⁴ The current 223 national strategic projects are worth around IDR4.2 quadrillion, with 144 projects aimed to be completed by 2020, and the 89 new projects are worth around IDR1.422 quadrillion.¹⁹⁵⁵

On 19 September 2020, Finance Minister Sri Mulyani Indrawati signed an agreement with U.S. Treasury Secretary Steven T. Mnuchin on increasing cooperation on infrastructure development.¹⁹⁵⁶ Under the Cooperation Framework to Strengthen Infrastructure Finance and Market Building, Indonesia and the U.S. will address regulatory, market, and legal barriers to increase infrastructure development.¹⁹⁵⁷

On 29 September 2020, Indonesia's parliament approved President Widodo's USD185 billion budget for 2021.¹⁹⁵⁸ To increase growth and productivity, the budget includes IDR413.8 trillion (almost USD30 billion) for infrastructure and projects neglected due to the COVID-19 pandemic.¹⁹⁵⁹ The infrastructure budget is a nearly 50 per cent annual increase.¹⁹⁶⁰

Indonesia 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 action in line with five out of six principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating environmental considerations, integrating social considerations in infrastructure investment, building resilience against natural disasters and other risks and strengthening infrastructure governance.

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

¹⁹⁵⁴ Indonesia to develop 89 new 'strategic' projects in 2020-2024, The Jakarta Post (Jakarta) 3 June 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/06/03/indonesia-to-develop-89-new-strategic-projects-in-2020-2024.html>

¹⁹⁵⁵ Indonesia to develop 89 new 'strategic' projects in 2020-2024, The Jakarta Post (Jakarta) 3 June 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/06/03/indonesia-to-develop-89-new-strategic-projects-in-2020-2024.html>

¹⁹⁵⁶ US, Indonesia sign deal to cooperate on infrastructure financing, The Jakarta Post (Jakarta) 19 September 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/09/19/us-indonesia-sign-deal-to-cooperate-on-infrastructure-financing.html>

¹⁹⁵⁷ US, Indonesia sign deal to cooperate on infrastructure financing, The Jakarta Post (Jakarta) 19 September 2020. Access Date: 17 November 2020. <https://www.thejakartapost.com/news/2020/09/19/us-indonesia-sign-deal-to-cooperate-on-infrastructure-financing.html>

¹⁹⁵⁸ UPDATE 1-Indonesia parliament passes President Joko Widodo's \$185 bln 2021 budget, Reuters (Jakarta) 29 September 2020. Access Date: 17 November 2020. <https://uk.reuters.com/article/indonesia-economy-budget/update-1-indonesia-parliament-passes-president-joko-widodos-185-bln-2021-budget-idUKL4N2GQ2RK>

¹⁹⁵⁹ UPDATE 1-Indonesia parliament passes President Joko Widodo's \$185 bln 2021 budget, Reuters (Jakarta) 29 September 2020. Access Date: 17 November 2020. <https://uk.reuters.com/article/indonesia-economy-budget/update-1-indonesia-parliament-passes-president-joko-widodos-185-bln-2021-budget-idUKL4N2GQ2RK>

¹⁹⁶⁰ UPDATE 1-Indonesia parliament passes President Joko Widodo's \$185 bln 2021 budget, Reuters (Jakarta) 29 September 2020. Access Date: 17 November 2020. <https://uk.reuters.com/article/indonesia-economy-budget/update-1-indonesia-parliament-passes-president-joko-widodos-185-bln-2021-budget-idUKL4N2GQ2RK>

public works across Italy, including economic and financial efficiency, as well as safety.¹⁹⁶¹ 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.¹⁹⁶²

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.¹⁹⁶³

On 11 December 2019, the European Commission approved the Important Project of Common European Interest in the field of batteries, an initiative launched by France, Germany, Belgium, Finland, Italy, Poland and Sweden.¹⁹⁶⁴ This project will create more jobs and strengthens the economic and technological independence of European countries through industrial development and green growth.¹⁹⁶⁵

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.¹⁹⁶⁶

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

¹⁹⁶¹ 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>.

¹⁹⁶² 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>.

¹⁹⁶³ 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>.

¹⁹⁶⁴ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

¹⁹⁶⁵ European Commission approves European battery project, coordinated by France, Government of France (Paris) 11 December 2019. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/european-commission-approves-european-battery-project-coordinated-by-france>

¹⁹⁶⁶ 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.¹⁹⁶⁷

On 11 March 2020, Minister of Economic Development Stefano Patuanelli welcomed the publication of the European Commission's Industrial Strategy, following a lengthy demand by France, Austria, Bulgaria, Germany, Greece, Italy, Luxembourg, Romania and Spain for an ambitious industrial strategy.¹⁹⁶⁸ This strategy will strengthen the competitiveness of industries across Europe and support innovation in the face of technological and climate changes.¹⁹⁶⁹ Furthermore, the group of countries called for accelerating the decarbonation of the European industry by "adapting the European framework for energy-environment State aid and improving the single market for products and services, for products of the circular economy and for greener public procurement."¹⁹⁷⁰

On 16 May 2020, the Ministry of the Environment, alongside the Ministry of Infrastructure and Transport announced a EUR500 mobility voucher, available to adults over 18 in capital cities and municipalities of 50,000 or more inhabitants to purchase bicycles and electric micro-mobility vehicles, or to use mobility sharing services.¹⁹⁷¹ This initiative will incentivize the use of sustainable urban transport in light of restrictions on public transport necessitated by COVID-19 health and safety measures, fulfilling both immediate economic and wider environmental requirements.¹⁹⁷²

On 21 May 2020, the Government of Italy approved a total of EUR380 million for the procurement of new local and regional transit buses.¹⁹⁷³ The funds will be disbursed to the regions until 2033, which will select their own preferred vehicles in conformance with technological, accessibility and environmental standards.¹⁹⁷⁴ This investment will support the renewal of public transport infrastructure, particularly that negatively impacted by the COVID-19 pandemic, as well as support the retrofitting of protective barriers and other safety provisions against COVID-19.¹⁹⁷⁵

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India,

¹⁹⁶⁷ 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>.

¹⁹⁶⁸ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁹⁶⁹ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁹⁷⁰ Joint statement welcoming the European Commission's Industrial Strategy, Government of France (Paris) 11 March 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/joint-statement-welcoming-the-european-commission-s-industrial-strategy>

¹⁹⁷¹ Sustainability: up to 500 euros for good mobility, Ministry of Infrastructure and Transport (Rome) 16 May 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/sostenibilita-fino-500-euro-per-buono-mobilita>

¹⁹⁷² Sustainability: up to 500 euros for good mobility, Ministry of Infrastructure and Transport (Rome) 16 May 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/sostenibilita-fino-500-euro-per-buono-mobilita>

¹⁹⁷³ Tpl: 380 million euros to the Regions for the purchase of new buses, Ministry of Infrastructure and Transport (Rome) 21 May 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/tpl-autobus/mit-380-milioni-di-euro-alle-regioni-per-acquisto-nuovi-bus>

¹⁹⁷⁴ Tpl: 380 million euros to the Regions for the purchase of new buses, Ministry of Infrastructure and Transport (Rome) 21 May 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/tpl-autobus/mit-380-milioni-di-euro-alle-regioni-per-acquisto-nuovi-bus>

¹⁹⁷⁵ Tpl: 380 million euros to the Regions for the purchase of new buses, Ministry of Infrastructure and Transport (Rome) 21 May 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/tpl-autobus/mit-380-milioni-di-euro-alle-regioni-per-acquisto-nuovi-bus>

Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁹⁷⁶ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁹⁷⁷ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁹⁷⁸

On 18 June 2020, the Ministry of Infrastructure and Transport allocated EUR137.2 million for urban cycling routes, cycling stations and cycling safety projects.¹⁹⁷⁹ The new funding, to be distributed in 2020 and 2021, complements existing bicycle purchase incentives and measures already undertaken to ensure cycling safety.¹⁹⁸⁰ The funds will be disbursed by regions and municipalities with approved Urban Plans for Sustainable Mobility, incentivizing local investment in the Ministry's General Plan for Cycling Mobility and commitment to environmentally conscious, low-carbon transport.¹⁹⁸¹

Italy has partially complied with its commitment by acting on three of the six principles: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating environmental considerations in infrastructure investments and integrating social considerations in infrastructure investment.

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 seventh 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.¹⁹⁸²

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

¹⁹⁷⁶ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁷⁷ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁷⁸ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁷⁹ Cyclo-mobility, 137.2 million euro for urban cycling routes and securing city cycling, Ministry of Infrastructure and Transport (Rome) 18 June 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/ciclomobilita-1372-mln-euro-per-le-ciclovie-urbane-e-messa-sicurezza>

¹⁹⁸⁰ Cyclo-mobility, 137.2 million euro for urban cycling routes and securing city cycling, Ministry of Infrastructure and Transport (Rome) 18 June 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/ciclomobilita-1372-mln-euro-per-le-ciclovie-urbane-e-messa-sicurezza>

¹⁹⁸¹ Cyclo-mobility, 137.2 million euro for urban cycling routes and securing city cycling, Ministry of Infrastructure and Transport (Rome) 18 June 2020. Access Date: 24 July 2020. <http://mit.gov.it/comunicazione/news/ciclomobilita-1372-mln-euro-per-le-ciclovie-urbane-e-messa-sicurezza>

¹⁹⁸² 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>.

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.¹⁹⁸³

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.¹⁹⁸⁴

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, aligns with Japan's Export Strategy for Infrastructure System and Japan's Paris Agreement promise of leading global decarbonization efforts.¹⁹⁸⁵

From 17-18 February 2020, the Asian Development Bank and the Japan Bank for International Cooperation met to draft future sustainable environmental infrastructure projects.¹⁹⁸⁶ 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.¹⁹⁸⁷

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.¹⁹⁸⁸ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.¹⁹⁸⁹ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.¹⁹⁹⁰

¹⁹⁸³ 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>.

¹⁹⁸⁴ 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>.

¹⁹⁸⁵ 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>.

¹⁹⁸⁶ 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>.

¹⁹⁸⁷ 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>.

¹⁹⁸⁸ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁸⁹ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

¹⁹⁹⁰ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

On 7 August 2020, Japan's Ministry of Economy, Trade and Industry (METI) hosted the Fourth Japan-Viet Nam Joint Committee on Cooperation in Industry, Trade and Energy.¹⁹⁹¹ At the Committee, Kajiyama Hiroshi, Japan's Minister of Economy, Trade and Industry, and Tran Tuan Anh, Vietnam's Minister of Industry and Trade, affirmed that they would collaborate on building more resilient energy infrastructure and enhance supply chains while enhancing economic collaboration across the Asia-Pacific geographic region.¹⁹⁹²

On 25 August 2020, METI Minister Kajiyama Hiroshi, hosted a video conference with Sultan Ahmed Al Jaber, the CEO of the Abu Dhabi National Oil Company and Minister of Industry and Advanced Technology, the United Arab Emirates (UAE).¹⁹⁹³ The two Ministers agreed that Japan and the UAE will work closely on expanding infrastructure in the fields of energy, medicine and advanced technologies, benefitting both countries.¹⁹⁹⁴

On 25 September 2020, Japan met with Australia, the US, and India for a virtual Quad meeting to discuss efforts to improve the Indo-Pacific region.¹⁹⁹⁵ One of the topics discussed was "quality infrastructure based upon international best practices, such as the G20 Principles for Quality Infrastructure Investment."¹⁹⁹⁶

On 7 October 2020, Japan signed a pact for cooperation in 5G tech, AI, critical information infrastructure, investment, connectivity, infrastructure, and other critical areas with India.¹⁹⁹⁷ This extended partnership between Japan and India aims to strengthen their relationship in all sectors and work on development projects.¹⁹⁹⁸

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 three principles through initiatives with environmental considerations, strengthening infrastructure governance 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.

¹⁹⁹¹ METI Holds the Fourth Meeting of Japan-Viet Nam Joint Committee on Cooperation in Industry, Trade and Energy (Tokyo) 7 August 2020. Access Date: 1 October 2020. https://www.meti.go.jp/english/press/2020/0807_002.html

¹⁹⁹² METI Holds the Fourth Meeting of Japan-Viet Nam Joint Committee on Cooperation in Industry, Trade and Energy (Tokyo) 7 August 2020. Access Date: 1 October 2020. https://www.meti.go.jp/english/press/2020/0807_002.html

¹⁹⁹³ METI Minister Kajiyama Holds Meeting with H.E. Dr. Sultan Ahmed Al Jaber (Tokyo) 3 September 2020. Access Date: 1 October 2020. https://www.meti.go.jp/english/press/2020/0826_001.html

¹⁹⁹⁴ METI Minister Kajiyama Holds Meeting with H.E. Dr. Sultan Ahmed Al Jaber (Tokyo) 3 September 2020. Access Date: 1 October 2020. https://www.meti.go.jp/english/press/2020/0826_001.html

¹⁹⁹⁵ U.S.-Australia-India-Japan Consultations ("The Quad"), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁹⁹⁶ U.S.-Australia-India-Japan Consultations ("The Quad"), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

¹⁹⁹⁷ India, Japan finalise pact for cooperation in 5G tech, AI and critical information infra, Times of India (New Delhi) 7 October 2020. Access Date: 17 November 2020. <https://timesofindia.indiatimes.com/india/india-japan-finalise-pact-for-cooperation-in-5g-tech-ai-and-critical-information-infra/articleshow/78533793.cms>

¹⁹⁹⁸ India, Japan finalise pact for cooperation in 5G tech, AI and critical information infra, Times of India (New Delhi) 7 October 2020. Access Date: 17 November 2020. <https://timesofindia.indiatimes.com/india/india-japan-finalise-pact-for-cooperation-in-5g-tech-ai-and-critical-information-infra/articleshow/78533793.cms>

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.¹⁹⁹⁹

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.²⁰⁰⁰

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.²⁰⁰¹

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 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.²⁰⁰²

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.²⁰⁰³

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.²⁰⁰⁴ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.²⁰⁰⁵ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.²⁰⁰⁶

On 14 July 2020, President Moon Jae-in on Tuesday unveiled the road map of a “Korean New Deal” stimulus package that seeks to invest over KRW160 trillion and create 1.9 million jobs over the next

¹⁹⁹⁹ 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.

²⁰⁰⁰ 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>.

²⁰⁰¹ 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.

²⁰⁰² 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.

²⁰⁰³ 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.

²⁰⁰⁴ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²⁰⁰⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²⁰⁰⁶ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

five years.²⁰⁰⁷ The New Deal package primarily consists of two pillars — Digital New Deal and Green New Deal — long with projects on the sidelines to reinforce social safety nets, according to Moon.²⁰⁰⁸

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.²⁰⁰⁹

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.²⁰¹⁰

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 recognize the important role municipal government plays in understanding the needs of its population when it comes to development projects.²⁰¹¹

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

²⁰⁰⁷ Korea's W160tr 'New Deal' project aims to create 1.9m jobs by 2025. 14 July 2020. Access Date: 17 August 2020. http://www.koreaherald.com/view.php?ud=20200714000951&ACE_SEARCH=1

²⁰⁰⁸ Korea's W160tr 'New Deal' project aims to create 1.9m jobs by 2025. 14 July 2020. Access Date: 17 August 2020. http://www.koreaherald.com/view.php?ud=20200714000951&ACE_SEARCH=1

²⁰⁰⁹ 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=es>.

²⁰¹⁰ 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>.

²⁰¹¹ 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>.

social and private sector; 4) ensure transparency and accountability in the sector; and 5) recover the rectory of the state over the territory.²⁰¹²

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 2020.²⁰¹³ 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.²⁰¹⁴

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.²⁰¹⁵

On 30 May 2020, the Secretariat of Agricultural, Territorial, and Urban Development announced the expansion of an Urban Improvement Program for the state of Guerrero. Over MXN84.9 million will be invested in the program which aims to carry out rescue actions for public spaces; as well as the expansion and improvement of housing in the municipalities of Acapulco, Chilpancingo and Iqual.²⁰¹⁶ The Secretary of Agricultural, Territorial, and Urban Development has stated that this program serves to improve “the quality of life of the inhabitants of the mostly marginalized colonies and without access to basic equipment and services, while incentivizing economic revival with the construction of public works.”²⁰¹⁷

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.²⁰¹⁸ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.²⁰¹⁹ Their work will focus on responsible use of

²⁰¹² 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/>.

²⁰¹³ 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/>.

²⁰¹⁴ 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>.

²⁰¹⁵ 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>.

²⁰¹⁶ Anuncia Sedatu ampliación del Programa de Mejoramiento Urbano para Guerrero, Ministry of Agricultural, Territorial, and Urban Development (Mexico City) 19 July 2020. <https://www.gob.mx/sedatu/prensa/anuncia-sedatu-ampliacion-del-programa-de-mejoramiento-urbano-para-guerrero-244074?idiom=es>

²⁰¹⁷ Anuncia Sedatu ampliación del Programa de Mejoramiento Urbano para Guerrero, Ministry of Agricultural, Territorial, and Urban Development (Mexico City) 19 July 2020. <https://www.gob.mx/sedatu/prensa/anuncia-sedatu-ampliacion-del-programa-de-mejoramiento-urbano-para-guerrero-244074?idiom=es>

²⁰¹⁸ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²⁰¹⁹ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.²⁰²⁰

On 5 October 2020, Mexico announced a program of 39 joint public-private infrastructure projects worth nearly USD14 billion.²⁰²¹ The projects include oil refinery plants, highways, a passenger train link between Mexico City and Queretaro and dock and port facilities.²⁰²² They are worth almost a quarter of Mexico's GDP and aim to begin by 2022, creating as many as 185,000 jobs.²⁰²³

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: +1

Russia has fully 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 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.²⁰²⁴

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.²⁰²⁵

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

²⁰²⁰ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²⁰²¹ Mexico announces \$14 billion in infrastructure projects, ABC News (Mexico City) 5 October 2020. Access Date: 17 November 2020. <https://abcnews.go.com/International/wireStory/mexico-announces-14-billion-infrastructure-projects-73433345>

²⁰²² Mexico announces \$14 billion in infrastructure projects, ABC News (Mexico City) 5 October 2020. Access Date: 17 November 2020. <https://abcnews.go.com/International/wireStory/mexico-announces-14-billion-infrastructure-projects-73433345>

²⁰²³ Mexico announces \$14 billion in infrastructure projects, ABC News (Mexico City) 5 October 2020. Access Date: 17 November 2020. <https://abcnews.go.com/International/wireStory/mexico-announces-14-billion-infrastructure-projects-73433345>

²⁰²⁴ 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/>.

²⁰²⁵ 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/>.

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.²⁰²⁶

On 7 June 2020, the Presidium approved the transfer of RUB6.8 billion from the federal budget to build 166 km of highways in Crimea with the goal is to develop the road network.²⁰²⁷

On 8 June 2020, the Presidium approved the Strategy for the Development of the Manufacturing Industry.²⁰²⁸ The project will develop industries including aviation, shipbuilding, electronics, medical, automotive, transport and agricultural engineering.²⁰²⁹ It is expected that by 2024, there will be a 50 per cent increase in the number of companies carrying out innovations, increase in labor productivity and industrial exports.²⁰³⁰

On 20 June 2020, a meeting of the Presidium of the Government Commission on the Social and Economic Development of the Far East discussed the RUB98.6 billion sent to the regions of the Far East.²⁰³¹ The funds have built 309 facilities including schools, hospitals and cultural centres. The goal is to support social development plans for the population, and create 10,600,000 jobs.²⁰³²

On 9 July 2020, the Presidium approved the rules for financing programs for socio-economic development in regions such as the republics of Altai, Karelia and Tyva. The goal is to revive the economy, boost employment and improve the standard of living.²⁰³³

On 10 July 2020, Prime Minister Mikhail Mishustin discussed the implementation of the Europe-Western China transport corridor project.²⁰³⁴ The final stage is the Central Ring Road in Moscow and the construction of the Moscow-Nizhny Novgorod-Kazan highway.²⁰³⁵ The joint project involves Russia, Kazakhstan, and China and spans over 700 kilometres.²⁰³⁶ The goal is to support key sectors of the economy in recovery from COVID-19, increase in development in the regions of Moscow, Samara-Togliatti, Nizhny Novgorod and Kazan, thus increasing domestic regional product to more

²⁰²⁶ 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/>.

²⁰²⁷ The government approved the rules for the provision of funds for the development of roads in Crimea, Russia Government (Moscow) 7 June 2020. Access Date: 18 July 2020. <http://government.ru/news/39837/>

²⁰²⁸ Mikhail Mishutin approved the Strategy for the development of the manufacturing industry, Russia Government (Moscow) 8 June 2020. Access Date: 19 July 2020. <http://government.ru/news/39844/>

²⁰²⁹ Mikhail Mishutin approved the Strategy for the development of the manufacturing industry, Russia Government (Moscow) 8 June 2020. Access Date: 19 July 2020. <http://government.ru/news/39844/>

²⁰³⁰ Mikhail Mishutin approved the Strategy for the development of the manufacturing industry, Russia Government (Moscow) 8 June 2020. Access Date: 19 July 2020. <http://government.ru/news/39844/>

²⁰³¹ Yuri Trutnev held a meeting of the Presidium of the Government Commission on the Socio-Economic Development of the Far East, Russia Government (Moscow) 20 June 2020. Access Date: 20 July 2020. <http://government.ru/news/39910/>

²⁰³² Yuri Trutnev held a meeting of the Presidium of the Government Commission on the Socio-Economic Development of the Far East, Russia Government (Moscow) 20 June 2020. Access Date: 20 July 2020. <http://government.ru/news/39910/>

²⁰³³ The government approved the rules for financing individual regional development programs, Russia Government (Moscow) 9 July 2020. Access Date: 19 July 2020. <http://government.ru/news/39988/>

²⁰³⁴ About the construction of the road "Europe - Western China", Russia Government (Yelabuga) 10 July 2020. Access Date: 18 July 2020. <http://government.ru/news/40002/>

²⁰³⁵ About the construction of the road "Europe - Western China", Russia Government (Yelabuga) 10 July 2020. Access Date: 18 July 2020. <http://government.ru/news/40002/>

²⁰³⁶ About the construction of the road "Europe - Western China", Russia Government (Yelabuga) 10 July 2020. Access Date: 18 July 2020. <http://government.ru/news/40002/>

than RUB500 billion by 2050.²⁰³⁷ The project will also create more than 30,000 jobs directly during construction, and more than 130,000 in related industries.²⁰³⁸

On 20 July 2020, the Presidium signed Order No. 1814-r, approving subsidies to eliminate eight unauthorized landfills in Tver, Tula, Lipetsk and Nizhny Novgorod regions. This is a part of the federal project “Clean Country.”²⁰³⁹ The goal is to improve the standard of living for the people living in the adjacent areas.²⁰⁴⁰

On 17 September 2020, the Presidium signed an order to approve RUB4.5 billion to improve the road network in the Republic of Mari El, the Vladimir region, and the Frunzensky bridge in Samara. The money is allocated as a part of the national project “Safe and high-quality roads” and will improve transportation and ensuring projects are completed on time.²⁰⁴¹

On 11 September 2020, Prime Minister Mikhail Mishustin approved funding for 73 local airports and 15 landing sites in the Far Eastern, Siberian and Northwestern Federal Districts. RUB4.5 billion is allocated to covering the cost of salaries, utilities, runway maintenance and other ground infrastructure.²⁰⁴²

On 13 August 2020, the Deputy Prime Minister and the government of Rostov region are preparing a plan to accelerate the construction of the Rostov transport ring. Specialists will calculate the most efficient timing and funding to move the project forward. The transport ring will connect the southern region and allow more development of housing projects.²⁰⁴³

Russia 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: encouraging sustainable growth and development, integrating social considerations, raising economic efficiency in view of life-cycle cost and integrating social considerations in infrastructure investments.

Thus, Russia has received a score of +1.

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

²⁰³⁷ About the construction of the road “Europe - Western China”, Russia Government (Yelabuga) 10 July 2020. Access Date: 18 July 2020. <http://government.ru/news/40002/>

²⁰³⁸ About the construction of the road “Europe - Western China”, Russia Government (Yelabuga) 10 July 2020. Access Date: 18 July 2020. <http://government.ru/news/40002/>

²⁰³⁹ The government has made changes to the distribution of subsidies for the elimination of unauthorized landfills, Russia Government (Moscow) 20 July 2020. Access Date: 19 July 2020. <http://government.ru/news/40062/>

²⁰⁴⁰ The government has made changes to the distribution of subsidies for the elimination of unauthorized landfills, Russia Government (Moscow) 20 July 2020. Access Date: 19 July 2020. <http://government.ru/news/40062/>

²⁰⁴¹ The government allocated more than 4.5 billion rubles for the development of the road network in the regions, Russia Government (Moscow) 17 September 2020. Access Date: 23 September 2020. <http://government.ru/news/40427/>

²⁰⁴² Mikhail Mishustin signed a decree to support airports in northern and hard-to-reach areas, Russia Government (Moscow) 11 September 2020. Access Date: 23 September 2020. <http://government.ru/news/40382/>

²⁰⁴³ Marat Khusnullin held a working meeting with the Governor of the Rostov Region Vasily Golubev, Russia Government (Moscow) 13 August 2020. Access Date: 23 September 2020. <http://government.ru/news/40198/>

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.²⁰⁴⁴

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.²⁰⁴⁵

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 2030 projects.²⁰⁴⁶ 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.²⁰⁴⁷

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.²⁰⁴⁸

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 2030.²⁰⁴⁹

On 18 May 2020, Qiddiya Investment Company announced that they have signed a five-year agreement with Detecon Al Saudia.²⁰⁵⁰ Its purpose is to provide hybrid cloud, connectivity and manpower to support Qiddiya's growth and development projects.²⁰⁵¹

²⁰⁴⁴ 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>.

²⁰⁴⁵ 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.

²⁰⁴⁶ 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>.

²⁰⁴⁷ 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>.

²⁰⁴⁸ 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>.

²⁰⁴⁹ 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>.

²⁰⁵⁰ Saudi Arabia's Qiddiya signs agreement with DETASAD as IT strategic partner, Arab News (Riyadh) 18 May 2020. Access Date: 20 July 2020. <https://www.arabnews.com/node/1676576/saudi-arabia>

²⁰⁵¹ Saudi Arabia's Qiddiya signs agreement with DETASAD as IT strategic partner, Arab News (Riyadh) 18 May 2020. Access Date: 20 July 2020. <https://www.arabnews.com/node/1676576/saudi-arabia>

On 1 July 2020, Diriyah Gate Development Authority began the first phase of a SAR75billion project to transform the city of Diriyah.²⁰⁵² Its goal is to attract visitors through its entertainment, events, retail, residential areas, museums as well as preserving the At-Turaif UNESCO World Heritage Site.²⁰⁵³

On 4 July 2020, the second phase of development and expansion of the AlUla Airport has been completed.²⁰⁵⁴ The project will boost the city's tourism sector and provide new opportunities for the local community, hoping to attract two million visitors a year and create 38,000 new jobs.²⁰⁵⁵

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 five of the principles outlined through sustainable economic growth, considerations of the environment, inclusion of minority populations, raising economic efficiency in view of life-cycle cost, 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.²⁰⁵⁶

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 Office of the Presidency and will lead the national investment plan and handle allocation of the Infrastructure Fund.²⁰⁵⁷

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

²⁰⁵² Diriyah Gate Development Authority starts work on major heritage project, Arab News (Jeddah) 01 July 2020. Access Date: 22 July 2020. <https://www.arabnews.com/node/1698041/saudi-arabia>

²⁰⁵³ Diriyah Gate Development Authority starts work on major heritage project, Arab News (Jeddah) 01 July 2020. Access Date: 22 July 2020. <https://www.arabnews.com/node/1698041/saudi-arabia>

²⁰⁵⁴ Royal Commission for AlUla completes second phase of airport expansion, Arab News (Alula) 04 July 2020. Access Date: 20 July 2020. <https://www.arabnews.com/node/1699616/saudi-arabia>

²⁰⁵⁵ Royal Commission for AlUla completes second phase of airport expansion, Arab News (Alula) 04 July 2020. Access Date: 20 July 2020. <https://www.arabnews.com/node/1699616/saudi-arabia>

²⁰⁵⁶ 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/>

²⁰⁵⁷ 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>

country's strategy, refining infrastructure for investment mobilisation and establishing an intelligence capability."²⁰⁵⁸

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.²⁰⁵⁹

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.²⁰⁶⁰

On 22 January 2020, the EThekweni Municipality, announced a multimillion-rand water infrastructure upgrade.²⁰⁶¹ This would bring the long-standing water shortage woes of residents in Thongathi and the city's western areas to an end, thereby improving quality of life in the region.²⁰⁶²

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.²⁰⁶³

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."²⁰⁶⁴

On 12 February 2020, the Minister of Environmental Affairs, Anton Bredell, announced that the construction of the first of nine new regional waste disposal facilities in the Western Cape has started

²⁰⁵⁸ 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/>.

²⁰⁵⁹ 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/>.

²⁰⁶⁰ 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/>.

²⁰⁶¹ EThekweni announces multimillion-rand water infrastructure upgrade, *infrastructurenews* (Gauteng) 22 January 2020. Access Date: 22 July 2020. <https://infrastructurenews.co.za/2020/01/22/ethekweni-announces-multimillion-rand-water-infrastructure-upgrade/>

²⁰⁶² EThekweni announces multimillion-rand water infrastructure upgrade, *infrastructurenews* (Gauteng) 22 January 2020. Access Date: 22 July 2020. <https://infrastructurenews.co.za/2020/01/22/ethekweni-announces-multimillion-rand-water-infrastructure-upgrade/>

²⁰⁶³ 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/>.

²⁰⁶⁴ 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/>.

in Mossel Bay.²⁰⁶⁵ The new facility is aimed at stimulating the waste economy, creating jobs and reducing the environmental impacts of waste management in the region.²⁰⁶⁶

On 13 February 2020, President Cyril Ramaphosa announced the plans for a new smart city in Gauteng that will “be smart and 5G-ready [and] will be a leading benchmark for green infrastructure continental and internationally.”²⁰⁶⁷

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.²⁰⁶⁸

On 25 February, the Gauteng provincial government, announced it will in the next five years spend ZAR60 billion on building and maintaining infrastructure.²⁰⁶⁹ This would help the provincial government’s Welfare-to-Work Programme to enable 100,000 young women to work.²⁰⁷⁰

On 23 July 2020, the Department of Cooperative Governance and Traditional Affairs set aside ZAR554 million to create jobs through infrastructure projects.²⁰⁷¹ These resources are expected to create 2,5000 jobs through building and maintaining infrastructure using labour intensive methods.²⁰⁷²

On 6 October 2020, President Ramaphosa launched the Mooikloof Mega Residential City in Tshwane, Gauteng, to assist the “missing middle” class.²⁰⁷³ These are people who earn too much to qualify for completely subsidized housing but also cannot afford debt-financed housing in areas they want to live.²⁰⁷⁴ This project is one of the strategic integrated projects announced at the end of July

²⁰⁶⁵ Construction of first of nine waste disposal facilities in Cape starts, *infrastructurenews (Gauteng)* 12 February 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/02/12/construction-of-first-of-nine-waste-disposal-facilities-in-cape-starts/>

²⁰⁶⁶ Construction of first of nine waste disposal facilities in Cape starts, *infrastructurenews (Gauteng)* 12 February 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/02/12/construction-of-first-of-nine-waste-disposal-facilities-in-cape-starts/>

²⁰⁶⁷ Ramaphosa has a plan for a new ‘smart city’ in Gauteng, *BusinessTech (Cape Town)* 14 February 2020. Access Date: 21 February 2020. <https://businesstech.co.za/news/technology/374270/ramaphosa-has-a-plan-for-a-new-smart-city-in-gauteng/>.

²⁰⁶⁸ 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/>.

²⁰⁶⁹ R60bn allocated for Gauteng infrastructure, *infrastructurenews (Gauteng)* 25 February 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/02/25/r60bn-allocated-for-gauteng-infrastructure/>

²⁰⁷⁰ R60bn allocated for Gauteng infrastructure, *infrastructurenews (Gauteng)* 25 February 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/02/25/r60bn-allocated-for-gauteng-infrastructure/>

²⁰⁷¹ R554m set aside to create jobs through infrastructure projects, *infrastructurenews (Gauteng)* 23 July 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/07/23/r554m-set-aside-to-create-jobs-through-infrastructure-projects/>

²⁰⁷² R554m set aside to create jobs through infrastructure projects, *infrastructurenews (Gauteng)* 23 July 2020. Access Date: 24 July 2020. <https://infrastructurenews.co.za/2020/07/23/r554m-set-aside-to-create-jobs-through-infrastructure-projects/>

²⁰⁷³ R84 billion mega-city in Gauteng to address housing for ‘missing middle’, *Infrastructure News (Tshwane)* 6 October 2020. Access Date: 17 November 2020. <https://infrastructurenews.co.za/2020/10/06/r84-billion-mega-city-in-gauteng-to-address-housing-for-missing-middle/>

²⁰⁷⁴ R84 billion mega-city in Gauteng to address housing for ‘missing middle’, *Infrastructure News (Tshwane)* 6 October 2020. Access Date: 17 November 2020. <https://infrastructurenews.co.za/2020/10/06/r84-billion-mega-city-in-gauteng-to-address-housing-for-missing-middle/>

and is worth over SAR84 billion.²⁰⁷⁵ This infrastructure project will create 50,000 residential units and 41,000 jobs.²⁰⁷⁶

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: Sophia Bai, Ian Stansbury and Yupeng Huang

Turkey: +1

Turkey has fully 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.²⁰⁷⁷

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-Osmaneli, 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.²⁰⁷⁸

On 7 January 2020, a spokesman for Istanbul's mayor Ekrem Imamoglu revealed that the municipality was no longer involved in Istanbul Canal. President Erdoğan 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.²⁰⁷⁹

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

²⁰⁷⁵ R84 billion mega-city in Gauteng to address housing for 'missing middle', Infrastructure News (Tshwane) 6 October 2020. Access Date: 17 November 2020. <https://infrastructurenews.co.za/2020/10/06/r84-billion-mega-city-in-gauteng-to-address-housing-for-missing-middle/>

²⁰⁷⁶ R84 billion mega-city in Gauteng to address housing for 'missing middle', Infrastructure News (Tshwane) 6 October 2020. Access Date: 17 November 2020. <https://infrastructurenews.co.za/2020/10/06/r84-billion-mega-city-in-gauteng-to-address-housing-for-missing-middle/>

²⁰⁷⁷ 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>.

²⁰⁷⁸ 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>.

²⁰⁷⁹ 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>.

important center for tourism. Its main aim is to attract tourists and expand the tourism industry, thereby foster economic growth.²⁰⁸⁰

On 28 February 2020, the Information and Communication Technologies Authority announced the creation of a National Mobile Warning System (UYARSİS) to inform citizens before, during, and after natural disasters and other emergencies. UYARSİS will also employ visual and voice messages to warn and inform elderly and disabled citizens.²⁰⁸¹

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.²⁰⁸²

On 22 July 2020, the Youth and Sports Ministry of Turkey announced the development of social and sports facilities for refugees in the country.²⁰⁸³ A total of 28 sports facilities would be constructed.²⁰⁸⁴ The goal is to increase the quality of life for refugees and improve interactions between Syrian and Turkish youth.²⁰⁸⁵

On 4 September 2020, President Erdoğan unveiled the Ankara-Niğde highway. The first and third sections were opened, with the remaining scheduled to open on 29 October. The highway is also fitted with fibre optic cable infrastructure, traffic sensors, incident detection cameras and smart transportation field management units to cut travel time and increase efficiency of the transportation infrastructure.²⁰⁸⁶

Turkey 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: 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 and integrating social considerations in infrastructure investment.

Thus, Turkey receives a score of +1.

Analyst: Alice Wang

²⁰⁸⁰ 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-dunyayi-hayran-birakacak-proje-dedi-ve-duyurdu-yil-sonu-hizmete-giriyor/haber-1038462>.

²⁰⁸¹ 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>.

²⁰⁸² 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>.

²⁰⁸³ Turkey to build sports facilities for young Syrian refugees, Daily Sabah (Istanbul) 22 July 2020. Access Date: 22 July 2020. <https://www.dailysabah.com/turkey/turkey-to-build-sports-facilities-for-young-syrian-refugees/news>

²⁰⁸⁴ Turkey to build sports facilities for young Syrian refugees, Daily Sabah (Istanbul) 22 July 2020. Access Date: 22 July 2020. <https://www.dailysabah.com/turkey/turkey-to-build-sports-facilities-for-young-syrian-refugees/news>

²⁰⁸⁵ Turkey to build sports facilities for young Syrian refugees, Daily Sabah (Istanbul) 22 July 2020. Access Date: 22 July 2020. <https://www.dailysabah.com/turkey/turkey-to-build-sports-facilities-for-young-syrian-refugees/news>

²⁰⁸⁶ Turkey inaugurates 'highway of future' to connect Ankara, Niğde, Daily Sabah (Istanbul) 4 September 2020. Access Date: 23 September 2020. <https://www.dailysabah.com/business/transportation/turkey-inaugurates-highway-of-future-to-connect-ankara-nigde>.

United Kingdom: +1

The United Kingdom has fully 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.²⁰⁸⁷

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.²⁰⁸⁸

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.²⁰⁸⁹

On 1 November 2019, the Ministry of Housing, Communities and Local Government announced the Town Fund prospectus, which "paves the way for a new generation of Town Deals to regenerate town centres, boost businesses and improve infrastructure."²⁰⁹⁰ Councils in 100 places chosen to pioneer these Town Deals will receive a share of GBP16.4 million to fund local infrastructure projects.²⁰⁹¹

On 1 November 2019, the Ministry of Housing, Communities and Local Government announced a further five successful Housing Infrastructure Fund projects.²⁰⁹² More than GBP374 million will be invested in roads, schools, public transport and utilities in Swindon, Wiltshire, Cornwall, North Somerset and Medway. This infrastructure investment aims to unlock up to 32,000 homes.²⁰⁹³

On 3 January 2020, the UK announced a plan to strengthen power networks and make it more resilient to power outages in the future.²⁰⁹⁴ The plan will "assess the need for improvements to the

²⁰⁸⁷ 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>.

²⁰⁸⁸ Green economy ambition, Scottish Government (Glasgow) 26 September 2019. Access Date: 27 January 2020. <https://www.gov.scot/news/green-economy-ambition/>.

²⁰⁸⁹ 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/>.

²⁰⁹⁰ Blueprint for 100 multi-million pound Town Deals revealed, Government of the UK (London) 1 November 2019. Access Date: 17 November 2020. <https://www.gov.uk/government/news/blueprint-for-100-multi-million-pound-town-deals-revealed>

²⁰⁹¹ Blueprint for 100 multi-million pound Town Deals revealed, Government of the UK (London) 1 November 2019. Access Date: 17 November 2020. <https://www.gov.uk/government/news/blueprint-for-100-multi-million-pound-town-deals-revealed>

²⁰⁹² Full steam ahead as infrastructure revolution advances, Government of the UK (London) 1 November 2019. Access Date: 17 November 2020. <https://www.gov.uk/government/news/full-steam-ahead-as-infrastructure-revolution-advances>

²⁰⁹³ Full steam ahead as infrastructure revolution advances, Government of the UK (London) 1 November 2019. Access Date: 17 November 2020. <https://www.gov.uk/government/news/full-steam-ahead-as-infrastructure-revolution-advances>

²⁰⁹⁴ Measures to make Britain's power network more resilient planned, after August power outage, Government of the UK (London) 3 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/measures-to-make-britains-power-network-more-resilient-planned-after-august-power-outage>

governance, monitoring and enforcement processes for large and smaller generators; review the pros and cons of requiring National Grid Electricity System Operator to hold additional back-up generation; support essential services owners and operators to put in place more robust business continuity plans; [and] roll out new communications processes to ensure the general public receives regular updates during any future disruptions.”²⁰⁹⁵

On 20 January 2020, the Department for International Development announced a partnership with Egypt, Ethiopia, Ghana, Kenya, Uganda and the African Development for quality infrastructure investment in sustainable energy, solar energy, transport and telecommunications projects.²⁰⁹⁶ These projects will focus on sustainability and low carbon emissions.²⁰⁹⁷

On 21 January 2020, the UK announced an investment of over GBP50 million for clean energy projects across Africa.²⁰⁹⁸ This funding will go towards solar farms in Kenya, clean energy storage in sub-Saharan Africa and geothermal power stations in Ethiopia, assisting in green solutions for growing energy needs and creating jobs.²⁰⁹⁹

On 21 May 2020, the Environmental Agency approved of a multi-million-pound flood scheme in Rochdale and Littleborough.²¹⁰⁰ The project aims to create the largest and most complex inland flood risk management scheme in northern England.²¹⁰¹ The Rochdale and Littleborough Flood Alleviation Scheme will improve flood protection for 1,000 residential buildings and 200 local businesses, among other infrastructure in the area.²¹⁰²

On 15 June 2020, the UK announced GBP70 million funding for 38 new projects to power quantum technology to mark the start of Quantum Tech Digital Week.²¹⁰³ This funding comes from a wider

²⁰⁹⁵ Measures to make Britain's power network more resilient planned, after August power outage, Government of the UK (London) 3 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/measures-to-make-britains-power-network-more-resilient-planned-after-august-power-outage>

²⁰⁹⁶ International Development Secretary launches new venture to create rich pipeline of infrastructure projects across Africa, Government of the UK (London) 20 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/international-development-secretary-launches-new-venture-to-create-rich-pipeline-of-infrastructure-projects-across-africa>

²⁰⁹⁷ International Development Secretary launches new venture to create rich pipeline of infrastructure projects across Africa, Government of the UK (London) 20 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/international-development-secretary-launches-new-venture-to-create-rich-pipeline-of-infrastructure-projects-across-africa>

²⁰⁹⁸ Over £50 million for clean energy projects across Africa, Government of the UK (London) 21 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/over-50-million-for-clean-energy-projects-across-africa>

²⁰⁹⁹ Over £50 million for clean energy projects across Africa, Government of the UK (London) 21 January 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/over-50-million-for-clean-energy-projects-across-africa>

²¹⁰⁰ Multi-million pound flood scheme in Rochdale and Littleborough given the green light, Government of the UK (London) 21 May 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/multi-million-pound-flood-scheme-in-rochdale-and-littleborough-given-the-green-light>

²¹⁰¹ Multi-million pound flood scheme in Rochdale and Littleborough given the green light, Government of the UK (London) 21 May 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/multi-million-pound-flood-scheme-in-rochdale-and-littleborough-given-the-green-light>

²¹⁰² Multi-million pound flood scheme in Rochdale and Littleborough given the green light, Government of the UK (London) 21 May 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/multi-million-pound-flood-scheme-in-rochdale-and-littleborough-given-the-green-light>

²¹⁰³ £70 million funding to secure UK position as a world-leader in quantum technology, Government of the UK (London) 15 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/70-million-funding-to-secure-uk-position-as-a-world-leader-in-quantum-technology>

GBP1 billion investment to commercialize quantum innovation and help the UK become the world-leader in quantum sciences and technologies.²¹⁰⁴ These projects will aim “to solve global challenges and address key industrial challenges, from developing batteries for electric vehicles to innovating energy storage systems that will reduce greenhouse gas emissions, via the use of advanced quantum technologies.”²¹⁰⁵

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.²¹⁰⁶ GPAI aims to guide the responsible development and use of AI regarding human rights, inclusion, diversity, innovation and economic growth.²¹⁰⁷ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.²¹⁰⁸

On 18 June 2020, the UK launched the second phase of a GBP40 million flood scheme in Bury to reduce flood risks to more than 800 homes and businesses.²¹⁰⁹ This scheme is part of the Environment Agency’s GBP2.6 billion investment in flood defences and will both reduce the risk of flooding and keep transport routes and infrastructure open during floods.²¹¹⁰

On 23 June 2020, the UK announced a GBP73.5 million investment for the automotive industry to develop advanced technology to cut carbon emissions.²¹¹¹ The funding will go to 10 projects and will contribute to safeguarding over 14,000 UK research and manufacturing jobs, as well as kickstarting green transport recovery, new technologies and cleaner fuels.²¹¹²

On 29 June 2020, the UK announced a GBP80 million investment to help heavy industry go green which will contribute to cutting energy costs, protecting jobs and decreasing carbon emissions.²¹¹³

²¹⁰⁴ £70 million funding to secure UK position as a world-leader in quantum technology, Government of the UK (London) 15 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/70-million-funding-to-secure-uk-position-as-a-world-leader-in-quantum-technology>

²¹⁰⁵ £70 million funding to secure UK position as a world-leader in quantum technology, Government of the UK (London) 15 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/70-million-funding-to-secure-uk-position-as-a-world-leader-in-quantum-technology>

²¹⁰⁶ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²¹⁰⁷ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²¹⁰⁸ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²¹⁰⁹ Work to start on second phase of £40m flood scheme in Bury., Government of the UK (London) 18 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/work-to-start-on-second-phase-of-40m-flood-scheme-in-bury>

²¹¹⁰ Work to start on second phase of £40m flood scheme in Bury., Government of the UK (London) 18 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/work-to-start-on-second-phase-of-40m-flood-scheme-in-bury>

²¹¹¹ £73.5 million to boost green economic recovery in automotive sector, Government of the UK (London) 23 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/735-million-to-boost-green-economic-recovery-in-automotive-sector>

²¹¹² £73.5 million to boost green economic recovery in automotive sector, Government of the UK (London) 23 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/735-million-to-boost-green-economic-recovery-in-automotive-sector>

²¹¹³ £80 million boost to cut emissions from homes and industry, Government of the UK (London) 29 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/80-million-boost-to-cut-emissions-from-homes-and-industry>

GBP30 million will be invested in the Industrial Energy Transformation Fund to support energy intensive manufacturers to cut down on their carbon footprint, GBP25 million will go to heat networks and GBP24 million will be invested in innovative projects that install green tech and insulation in houses.²¹¹⁴

On 20 July 2020, the UK announced GBP400 million worth of funding for cutting-edge aerospace research and development projects.²¹¹⁵ The government grants total GBP200 million and will be matched by industry.²¹¹⁶ This funding aims to secure highly skilled jobs in the aerospace sector and contribute to the UK's goal to achieve net zero emissions by 2050.²¹¹⁷

On 23 July 2020, the UK announced an investment of GBP100 million for a new state-of-the-art Cell and Gene Therapy Catapult Manufacturing Innovation Centre to speed up the mass production of a COVID-19 vaccine.²¹¹⁸ It is due to open in December 2021 and will create new, high skilled jobs in a sector that aims to employ over 6,000 by 2024.²¹¹⁹

On 4 August 2020, the UK announced GBP1.3 billion to deliver up to 45,000 homes, 85,000 jobs and upgrade infrastructure to fuel a green economic recovery.²¹²⁰ GBP900 million will go to more than 300 shovel-ready projects to build homes, infrastructure and create job and GBP360 million will create 26,000 new homes on brownfield land.²¹²¹

On 11 August 2020, the UK announced GBP50,000 funding each for 17 projects that will build offshore wind farms, digitize construction sites and create low carbon heat from disused mines.²¹²²

²¹¹⁴ £80 million boost to cut emissions from homes and industry, Government of the UK (London) 29 June 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/80-million-boost-to-cut-emissions-from-homes-and-industry>

²¹¹⁵ UK aerospace sector to benefit from £400 million funding to go green, Government of the UK (London) 20 July 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/uk-aerospace-sector-to-benefit-from-400-million-funding-to-go-green>

²¹¹⁶ UK aerospace sector to benefit from £400 million funding to go green, Government of the UK (London) 20 July 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/uk-aerospace-sector-to-benefit-from-400-million-funding-to-go-green>

²¹¹⁷ UK aerospace sector to benefit from £400 million funding to go green, Government of the UK (London) 20 July 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/uk-aerospace-sector-to-benefit-from-400-million-funding-to-go-green>

²¹¹⁸ Over £100 million cash boost to manufacture millions of doses of COVID-19 vaccine, Government of the UK (London) 23 July 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/over-100-million-cash-boost-to-manufacture-millions-of-doses-of-covid-19-vaccine>

²¹¹⁹ Over £100 million cash boost to manufacture millions of doses of COVID-19 vaccine, Government of the UK (London) 23 July 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/over-100-million-cash-boost-to-manufacture-millions-of-doses-of-covid-19-vaccine>

²¹²⁰ £1.3 billion investment to deliver homes, infrastructure and jobs, Government of the UK (London) 4 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/1-3-billion-investment-to-deliver-homes-infrastructure-and-jobs>

²¹²¹ £1.3 billion investment to deliver homes, infrastructure and jobs, Government of the UK (London) 4 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/1-3-billion-investment-to-deliver-homes-infrastructure-and-jobs>

²¹²² Projects to heat homes through disused mines and faster offshore wind farm construction win government backing, Government of the UK (London) 11 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/projects-to-heat-homes-through-disused-mines-and-faster-offshore-wind-farm-construction-win-government-backing>

These projects will build infrastructure and create jobs in an environmentally considerate way.²¹²³ They will also be able to apply for further investment if they are successful.²¹²⁴

On 13 August 2020, the UK announced GBP8 million for low carbon heat projects in south Wales as part of the UK's GBP320 million Heat Networks Investment Project.²¹²⁵ This funding aims to “develop a new system of distribution pipes taking excess heat from a central source such as energy generated from waste in Cardiff, and a Combined Heat and Power plant with thermal storage facility in Bridgend. These sources will then supply heat to public buildings within the town and city centre, and can easily connect to new, lower carbon heat sources in the future.”²¹²⁶

On 17 August 2020, the UK announced a GBP10 million fund for distilleries to go green and cut emissions through changing to low carbon fuels such as hydrogen.²¹²⁷ This funding will go to distilleries across Scotland.²¹²⁸

On 18 August 2020, Homes England and Network Rail announced a GBP77 million investment in York's new city centre quarter development.²¹²⁹ This investment will enable the creation of key infrastructure to increase connectivity, build homes, and develop commercial property.²¹³⁰

On 8 September 2020, the Ministry of Housing, Communities and Local Government announced an investment of GBP12.2 billion for affordable housing and a new GBP11.5 billion Affordable Homes Programme, unlocking a further GBP38 billion in public and private investment in affordable housing.²¹³¹ These homes will be available for affordable ownership and affordable and social rent. Furthermore, the Housing Secretary announced a new model for Shared Ownership “to help more

²¹²³ Projects to heat homes through disused mines and faster offshore wind farm construction win government backing, Government of the UK (London) 11 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/projects-to-heat-homes-through-disused-mines-and-faster-offshore-wind-farm-construction-win-government-backing>

²¹²⁴ Projects to heat homes through disused mines and faster offshore wind farm construction win government backing, Government of the UK (London) 11 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/projects-to-heat-homes-through-disused-mines-and-faster-offshore-wind-farm-construction-win-government-backing>

²¹²⁵ £8 million boost for low carbon heat projects in south Wales, Government of the UK (London) 13 August 2020. <https://www.gov.uk/government/news/8-million-boost-for-low-carbon-heat-projects-in-south-wales--2>

²¹²⁶ Whisky goes green thanks to UK government funding, Government of the UK (London) 17 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/whisky-goes-green-thanks-to-uk-government-funding>

²¹²⁷ £8 million boost for low carbon heat projects in south Wales, Government of the UK (London) 13 August 2020. <https://www.gov.uk/government/news/8-million-boost-for-low-carbon-heat-projects-in-south-wales--2>

²¹²⁸ Whisky goes green thanks to UK government funding, Government of the UK (London) 17 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/whisky-goes-green-thanks-to-uk-government-funding>

²¹²⁹ Whisky goes green thanks to UK government funding, Government of the UK (London) 17 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/whisky-goes-green-thanks-to-uk-government-funding>

²¹³⁰ York Central infrastructure funding confirmed, Government of the UK (London) 18 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/york-central-infrastructure-funding-confirmed>

²¹³¹ York Central infrastructure funding confirmed, Government of the UK (London) 18 August 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/york-central-infrastructure-funding-confirmed>

²¹³¹ Jenrick unveils huge £12 billion boost for affordable homes, Government of the UK (London) 8 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/jenrick-unveils-huge-12-billion-boost-for-affordable-homes>

people onto the property ladder by vastly reducing the minimum initial share, and launching a consultation to ensure new homes deliver the accessibility that families need.”²¹³²

On 10 September 2020, the UK announced GBP65 million investment through the Industrial Strategy Challenge Fund to investment in infrastructure that helps make the UK “the global home for future technologies in battery development, robotics and advanced healthcare treatments.”²¹³³ This investment also contributes to the UK’s goal of a low carbon economy and developing solutions that improve people’s quality of life.²¹³⁴

On 11 September 2020, the UK announced funding of GBP300 million for innovative business proposals and projects to boost the UK’s manufacturing capabilities.²¹³⁵ This is available through the Manufacturing Made Smarter program and aims to increase manufacturing productivity by 30 per cent.²¹³⁶

On 21 September 2020, the UK announced GBP50 million funding for a new Clean Energy Innovation Facility under the UK’s International Climate Finance.²¹³⁷ The Clean Energy Innovation Facility will support innovative clean technologies in developing countries to foster clean growth in industry, cooling, smart energy and storage.²¹³⁸

On 28 September 2020, the Department for Transport announced GBP56 million extra funding for local transport infrastructure in Portsmouth and South East Hampshire.²¹³⁹ The funding will go towards green improvements in local transport and will support greater access to opportunities for locals.²¹⁴⁰

On 6 October 2020, the UK announced news plans to Build Back Greener by making the UK the world leader in clean wind energy. GBP160 million funding is being invested in upgrading ports and

²¹³² Jenrick unveils huge £12 billion boost for affordable homes, Government of the UK (London) 8 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/jenrick-unveils-huge-12-billion-boost-for-affordable-homes>

²¹³³ Government investment to help build robots for nuclear plants and batteries for electric aeroplanes, Government of the UK (London) 10 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/government-investment-to-help-build-robots-for-nuclear-plants-and-batteries-for-electric-aeroplanes>

²¹³⁴ Government investment to help build robots for nuclear plants and batteries for electric aeroplanes, Government of the UK (London) 10 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/government-investment-to-help-build-robots-for-nuclear-plants-and-batteries-for-electric-aeroplanes>

²¹³⁵ £300 million to boost UK manufacturing productivity by 30%, Government of the UK (London) 11 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/300-million-to-boost-uk-manufacturing-productivity-by-30>

²¹³⁶ £300 million to boost UK manufacturing productivity by 30%, Government of the UK (London) 11 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/300-million-to-boost-uk-manufacturing-productivity-by-30>

²¹³⁷ UK kicks off Climate Week NYC with a series of ambitious climate commitments, Government of the UK (London) 21 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/uk-kicks-off-climate-week-nyc-with-a-series-of-ambitious-climate-commitments>

²¹³⁸ UK kicks off Climate Week NYC with a series of ambitious climate commitments, Government of the UK (London) 21 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/uk-kicks-off-climate-week-nyc-with-a-series-of-ambitious-climate-commitments>

²¹³⁹ £56 million announced to transform Portsmouth and South East Hampshire transport network, Government of the UK (London) 28 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/56-million-announced-to-transform-portsmouth-and-south-east-hampshire-transport-network>

²¹⁴⁰ £56 million announced to transform Portsmouth and South East Hampshire transport network, Government of the UK (London) 28 September 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/56-million-announced-to-transform-portsmouth-and-south-east-hampshire-transport-network>

infrastructure across the UK to increase offshore wind capacity.²¹⁴¹ This investment will create 2,000 jobs and “enable the sector to support up to 60,000 jobs directly and indirectly by 2030 in ports, factories and the supply chains, manufacturing the next-generation of offshore wind turbines and delivering clean energy to the UK.”²¹⁴²

On 8 October 2020, the Department for Transport announced the GBP51 million upgrade of the A19 has begun, six months ahead of schedule, as part of the UK’s initiative to improve Northern transport infrastructure.²¹⁴³ The UK is using infrastructure investments to support economic recovery and improve access to opportunities in the North.²¹⁴⁴

The United Kingdom 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: maximizing the positive impact of infrastructure to achieve sustainable growth and development, integrating social considerations, integrating environmental considerations, and building resilience against natural disasters and other risks.

Thus, United Kingdom has received a score of +1.

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.²¹⁴⁵

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.²¹⁴⁶

²¹⁴¹ New plans to make UK world leader in green energy, Government of the UK (London) 6 October 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/new-plans-to-make-uk-world-leader-in-green-energy>

²¹⁴² New plans to make UK world leader in green energy, Government of the UK (London) 6 October 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/new-plans-to-make-uk-world-leader-in-green-energy>

²¹⁴³ Work starts 6 months ahead of schedule on £51 million A19 upgrade, Government of the UK (London) 8 October 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/work-starts-6-months-ahead-of-schedule-on-51-million-a19-upgrade>

²¹⁴⁴ Work starts 6 months ahead of schedule on £51 million A19 upgrade, Government of the UK (London) 8 October 2020. Access Date: 17 November 2020. <https://www.gov.uk/government/news/work-starts-6-months-ahead-of-schedule-on-51-million-a19-upgrade>

²¹⁴⁵ 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>.

²¹⁴⁶ 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>.

On 28 August 2019, 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.²¹⁴⁷

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 significant safety data to inform rulemaking and foster collaboration amongst state and local government and private partners.”²¹⁴⁸

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.²¹⁴⁹

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.²¹⁵⁰

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.²¹⁵¹

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

²¹⁴⁷ 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>.

²¹⁴⁸ 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>.

²¹⁴⁹ 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>.

²¹⁵⁰ 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>.

²¹⁵¹ 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>.

reuse.” The aim of these projects is to “transform the energy sector’s produced water from a waste to a resource.”²¹⁵²

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 products and developing data-driven approaches to better assess needs and benefits of rural transportation projects.”²¹⁵³

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.²¹⁵⁴

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.²¹⁵⁵

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.²¹⁵⁶

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.²¹⁵⁷

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

²¹⁵² 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>.

²¹⁵³ 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>.

²¹⁵⁴ 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>.

²¹⁵⁵ 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>.

²¹⁵⁶ 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>.

²¹⁵⁷ 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>.

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.”²¹⁵⁸

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 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.²¹⁵⁹

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.”²¹⁶⁰

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.²¹⁶¹

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.²¹⁶²

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.”²¹⁶³

²¹⁵⁸ 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>.

²¹⁵⁹ 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>.

²¹⁶⁰ 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>.

²¹⁶¹ 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>.

²¹⁶² 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>.

²¹⁶³ 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>.

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.²¹⁶⁴

On 18 December 2019, Secretary Chao announced up to USD501.5 million worth of loans through the Transportation Infrastructure Finance and Innovation Act 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.²¹⁶⁵

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.²¹⁶⁶

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 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.²¹⁶⁷

On 23 January 2020, the Under Secretary of Energy Mark W. Menezes announced funding of approximately USD300 million "for research and development of sustainable transportation resources and technologies," including batteries and electrification, hydrogen production, and biofuels and biopower.²¹⁶⁸ The aim of this funding is to provide consumers with affordable, clean, efficient, and domestic energy options as the transportation industry changes, integrating both social and environmental considerations.²¹⁶⁹

On 29 January 2020, the DOE announced funding worth USD3.25 million towards the American-Made Geothermal Manufacturing Prize, "designed to spur innovation and address manufacturing

²¹⁶⁴ 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>.

²¹⁶⁵ 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>.

²¹⁶⁶ 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>.

²¹⁶⁷ 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>.

²¹⁶⁸ Department of Energy Announces Nearly \$300 Million for Sustainable Transportation Research 23/01/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://energy.gov/articles/department-energy-announces-nearly-300-million-sustainable-transportation-research>

²¹⁶⁹ Department of Energy Announces Nearly \$300 Million for Sustainable Transportation Research 23/01/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://energy.gov/articles/department-energy-announces-nearly-300-million-sustainable-transportation-research>

challenges fundamental to operating in harsh geothermal environments.”²¹⁷⁰ The aim of the funding is to help expand the American geothermal industry, which provides a clean, reliable and affordable source of energy to homes and businesses, and to support the DOE’s target of 60 Gigawatts electric of geothermal capacity by 2050.²¹⁷¹

On 3 February 2020, the DOE, U.S. Department of Homeland Security and the U.S. Department of Defense together announced a new Energy Sector Pathfinder initiative.²¹⁷² Through this partnership, the initiative aims to “advance information sharing, improve training and education to understand systemic risks, and develop joint operational preparedness and response activities to cybersecurity threats,” specifically in U.S. energy critical infrastructure.²¹⁷³

On 4 February 2020, the U.S. Department of Treasury and Japan’s Ministries of Economy, Trade and Industry, and Finance signed a Memorandum of Cooperation on Strengthening Energy and Infrastructure Finance and Market Building.²¹⁷⁴ This commitment is intended to support private, innovative solutions to energy and infrastructure developments and aligns with the U.S. commitment to strengthen infrastructure governance by seeking to reduce legal and regulatory barriers, ensure transparency and economic efficiency and stimulate bilateral institutional infrastructure investments.²¹⁷⁵

On 5 February 2020, the DOE announced up to USD125.5 million in funding towards “research and development of solar technologies that reduce the cost of solar, increase the competitiveness of American manufacturing and businesses, and improve the reliability of the grid.”²¹⁷⁶

On 7 February 2020, the DOE announced up to USD64 million in funding towards research and development projects on developing cleaner coal technologies as part of the DOE’s Coal FIRST initiative.²¹⁷⁷ The aim of the project is to develop next generation coal technologies with zero or near-zero emissions, to be used by developing countries as they strengthen their economies.²¹⁷⁸

²¹⁷⁰ Department of Energy Announces New American-Made Challenge Prize 29/01/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-announces-new-american-made-challenge-prize>

²¹⁷¹ Department of Energy Announces New American-Made Challenge Prize 29/01/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-announces-new-american-made-challenge-prize>

²¹⁷² U.S. Department of Energy, U.S. Department of Homeland Security, and U.S. Department of Defense Announce Pathfinder Initiative to Protect U.S. Energy Critical Infrastructure 03/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/us-department-energy-us-department-homeland-security-and-us-department-defense-announce>

²¹⁷³ U.S. Department of Energy, U.S. Department of Homeland Security, and U.S. Department of Defense Announce Pathfinder Initiative to Protect U.S. Energy Critical Infrastructure 03/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/us-department-energy-us-department-homeland-security-and-us-department-defense-announce>

²¹⁷⁴ United States and Japan Sign Memorandum of Cooperation Strengthening Energy and Infrastructure Finance and Market Building 04/02/2020, U.S. Department of the Treasury (Tokyo). Access Date: June 30, 2020. <https://home.treasury.gov/news/press-releases/sm894>

²¹⁷⁵ United States and Japan Sign Memorandum of Cooperation Strengthening Energy and Infrastructure Finance and Market Building 04/02/2020, U.S. Department of the Treasury (Tokyo). Access Date: June 30, 2020. <https://home.treasury.gov/news/press-releases/sm894>

²¹⁷⁶ Department of Energy (DOE) Announces \$125.5 Million in New Funding for Solar Technologies 05/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-announces-1255-million-new-funding-solar-technologies>

²¹⁷⁷ U.S. Department of Energy Announces \$64M for Components of Coal FIRST Power Plants 07/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

On 10 February 2020, the DOE and Hyundai Motor Company announced a collaboration to assess the state of emerging hydrogen and fuel cell technologies in the transportation industry.²¹⁷⁹ The aim of this partnership is to provide objective research on hydrogen as a potential sustainable fuel source and it aligns with the U.S. commitment to integrating environmental considerations in infrastructure investments.²¹⁸⁰

On 10 February 2020, the DOE announced funding worth USD74 million towards 63 projects “to research, develop, and test energy-efficient and flexible building technologies, systems, and construction practices” to improve the nation’s electric grid.²¹⁸¹ The aim of the project is to generate large energy costs savings by improving energy efficiency and flexibility in residential and commercial buildings.²¹⁸² This project is in-line with the U.S. commitments to maximizing the positive impact of infrastructure to achieve sustainable growth and development and to raising economic efficiency in terms of life-cycle costs, by developing new interactive energy grids.²¹⁸³

On 10 February 2020, the DOE announced approximately USD187 million in funding towards 55 projects in 25 states which support innovations in manufacturing advanced materials, in lowering thermal budget processes to increase industrial efficiency, and in developing connected, flexible and efficient manufacturing facilities and energy systems.²¹⁸⁴ These projects support sustainable and renewable sources of energy to enhance the U.S. advanced manufacturing infrastructure and align with the U.S. commitments to maximizing the positive impact of infrastructure to achieve sustainable growth and development and to raising economic efficiency in terms of life-cycle costs.²¹⁸⁵

On 11 February 2020, Secretary Chao announced funding of USD8.9 million towards 91 projects in 80 Federally recognized American Indian Tribal Nations to “improve traffic safety and improve the

<https://www.energy.gov/articles/us-department-energy-announces-64m-components-coal-first-power-plants>

²¹⁷⁸ U.S. Department of Energy Announces \$64M for Components of Coal FIRST Power Plants 07/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/us-department-energy-announces-64m-components-coal-first-power-plants>

²¹⁷⁹ U.S. Department of Energy Joins Industry to Collaborate on Transportation Technology Validation and Assessment 10/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/us-department-energy-joins-industry-collaborate-transportation-technology-validation-and>

²¹⁸⁰ U.S. Department of Energy Joins Industry to Collaborate on Transportation Technology Validation and Assessment 10/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/us-department-energy-joins-industry-collaborate-transportation-technology-validation-and>

²¹⁸¹ Department of Energy Invests \$74 Million in Building and Construction Technologies and Innovations 10/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/department-energy-invests-74-million-building-and-construction-technologies-and-0>

²¹⁸² Department of Energy Invests \$74 Million in Building and Construction Technologies and Innovations 10/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/department-energy-invests-74-million-building-and-construction-technologies-and-0>

²¹⁸³ Department of Energy Invests \$74 Million in Building and Construction Technologies and Innovations 10/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020.

<https://www.energy.gov/articles/department-energy-invests-74-million-building-and-construction-technologies-and-0>

²¹⁸⁴ Department of Energy Awards \$187 Million to Strengthen U.S. Manufacturing Competitiveness 10/02/2020, U.S.

Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-awards-187-million-strengthen-us-manufacturing-competitiveness>

²¹⁸⁵ Department of Energy Awards \$187 Million to Strengthen U.S. Manufacturing Competitiveness 10/02/2020, U.S.

Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-awards-187-million-strengthen-us-manufacturing-competitiveness>

quality of life for tribal communities.”²¹⁸⁶ This funding is from the U.S. Department of Transportation’s (USDOT) Federal Highway Administration’s Tribal Transportation Program Safety Fund and it is in-line with the U.S. commitment to integrating social considerations into its infrastructure investments, and to maximizing the positive impact of existing infrastructure.²¹⁸⁷

On 13 February 2020, the DOE announced funding worth USD50 million towards programs that support research and development on the development of fusion energy as a practical, safe and carbon-free energy source.²¹⁸⁸ The funding will support research by U.S. scientists in fusion facilities around the world and aligns with the U.S. commitment to integrate environmental decisions into its infrastructure investments.²¹⁸⁹

On 14 February 2020, the USDOT Maritime Administration announced funding worth USD280 million for its Port Infrastructure Development Program, which aims to “improve port facilities at or near coastal seaports.”²¹⁹⁰ This goal is to “increase productivity, economic competitiveness, and create more jobs.”²¹⁹¹

On 18 February 2020, the DOE announced funding worth up to USD38.5 million to the Rapid Encapsulation of Pipelines Avoiding Intensive Replacement program, which will “sponsor new technologies to...rehabilitate...natural gas distribution pipes by creating a new pipe inside the old pipe.”²¹⁹² This project will use new technologies such as inspection and 3D mapping tools to provide better quality and more cost-effective pipelines and aligns with the U.S. commitment to raise economic efficiency in terms of life cycle costs.²¹⁹³

²¹⁸⁶ U.S. Secretary of Transportation Elaine L. Chao Announces \$8.9 Million in Transportation Grants to Improve Highway Safety in Indian Country 11/02/2020, U.S. Department of Transportation (Washington). Access Date: June 30, 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-89-million-transportation-grants>

²¹⁸⁷ U.S. Secretary of Transportation Elaine L. Chao Announces \$8.9 Million in Transportation Grants to Improve Highway Safety in Indian Country 11/02/2020, U.S. Department of Transportation (Washington). Access Date: June 30, 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-89-million-transportation-grants>

²¹⁸⁸ Department of Energy Announces \$50 Million for Fusion Energy R&D 13/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-announces-50-million-fusion-energy-rd>

²¹⁸⁹ Department of Energy Announces \$50 Million for Fusion Energy R&D 13/02/2020, U.S. Department of Energy (Washington). Access Date: June 30, 2020. <https://www.energy.gov/articles/department-energy-announces-50-million-fusion-energy-rd>

²¹⁹⁰ Maritime Administration Announces More Than \$280 Million in Grants for Nation’s Ports 15/02/2020, U.S. Department of Transportation (Washington). Access Date: June 30, 2020. <https://www.transportation.gov/briefing-room/maritime-administration-announces-more-280-million-grants-nations-ports>

²¹⁹¹ Maritime Administration Announces More Than \$280 Million in Grants for Nation’s Ports 15/02/2020, U.S. Department of Transportation (Washington). Access Date: June 30, 2020. <https://www.transportation.gov/briefing-room/maritime-administration-announces-more-280-million-grants-nations-ports>

²¹⁹² Department of Energy Announces \$38.5 Million to Develop Technology to Rehabilitate Natural Gas Distribution Pipelines 18/02/2020, U.S. Department of Energy (Washington). Access Date: July 2, 2020. <https://www.energy.gov/articles/department-energy-announces-385-million-develop-technology-rehabilitate-natural-gas>

²¹⁹³ Department of Energy Announces \$38.5 Million to Develop Technology to Rehabilitate Natural Gas Distribution Pipelines 18/02/2020, U.S. Department of Energy (Washington). Access Date: July 2, 2020. <https://www.energy.gov/articles/department-energy-announces-385-million-develop-technology-rehabilitate-natural-gas>

On 19 February 2020, Secretary Chao announced funding of USD520.5 million towards 287 airport infrastructure grants across 41 states.²¹⁹⁴ The aim of the funding is to demonstrate a streamlined approval process and to “keep [the U.S.] airports in good shape and make air travel a better experience for passengers.”²¹⁹⁵

On 19 February 2020, the DOE announced funding up to USD100 million to be used over five years to “[accelerate] the fundamental scientific breakthroughs needed to enable solar fuel production.”²¹⁹⁶ The aim of the funding is to transform the U.S. energy economy and improve energy security by developing an artificial photosynthesis process for fuel.²¹⁹⁷

On 24 February 2020, Secretary of Energy Dan Brouillette announced funding up to USD97 million in grants to 70 small businesses across 28 states as part of the DOE’s Small Business Innovation Research (SBIR) and Small Business Technology Transfer program.²¹⁹⁸ This funding is to be used on testing energy, chemistry and biological prototypes and processes development, with the goal of increasing economic efficiency and employing high-level human capital.²¹⁹⁹

On 24 February 2020, Secretary Chao announced funding worth USD12.2 million for the Small Community Air Service Development Program, which will help “18 communities in 18 states develop their own solutions to local air service needs....and make air travel a better experience for passengers.”²²⁰⁰

On 25 February 2020, the DOE announced funding worth USD74 million for 63 projects that will “research, develop and test energy-efficient and flexible building technologies, systems, and construction practices.”²²⁰¹ These projects integrate both societal and economic efficiency

²¹⁹⁴ U.S. Transportation Secretary Elaine L. Chao Announces \$520.5 Million to 287 Airports in 41 States 19/02/2020, U.S. Department of Transportation (Washington). Access Date: July 2, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-5205-million-287-airports-41>

²¹⁹⁵ U.S. Transportation Secretary Elaine L. Chao Announces \$520.5 Million to 287 Airports in 41 States 19/02/2020, U.S. Department of Transportation (Washington). Access Date: July 2, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-5205-million-287-airports-41>

²¹⁹⁶ Department of Energy to Provide \$100 Million for Solar Fuels Research 19/02/2020, U.S. Department of Energy (Washington). Access Date: July 4, 2020. <https://www.energy.gov/articles/department-energy-provide-100-million-solar-fuels-research>

²¹⁹⁷ Department of Energy to Provide \$100 Million for Solar Fuels Research 19/02/2020, U.S. Department of Energy (Washington). Access Date: July 4, 2020. <https://www.energy.gov/articles/department-energy-provide-100-million-solar-fuels-research>

²¹⁹⁸ Department of Energy Announces \$97 Million for Small Business Research and Development Grants 24/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-97-million-small-business-research-and-development-grants>

²¹⁹⁹ Department of Energy Announces \$97 Million for Small Business Research and Development Grants 24/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-97-million-small-business-research-and-development-grants>

²²⁰⁰ U.S. Transportation Secretary Elaine L. Chao Announces \$12.2 Million in Grants to Help Small Communities Improve Air Service 24/02/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-122-million-grants-help-small>

²²⁰¹ Five Lighting Projects Among Recipients of DOE Building Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) Funding Awards 25/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/eere/ssl/articles/five-lighting-projects-among-recipients-doe-building-energy-efficiency-frontiers>

considerations, aiming to “significantly improve energy affordability for American families and businesses.”²²⁰²

On 25 February 2020, the DOE’s Office of Electricity announced funding worth USD6.7 million towards four university-led projects that will try to improve connections and communication between digital and physical grid systems.²²⁰³ The aim of the projects is to “extend operational performance, including maintaining energy supply to critical defense facilities,” especially in the case of disruptions.²²⁰⁴

On 9 March 2020, the DOE announced over USD6 million towards six projects that focus on promoting “a robust and sustainable national manufacturing research and development (R&D) infrastructure.”²²⁰⁵ These projects aim to innovate “smart” manufacturing processes and facilitate a digital transformation in the manufacturing sector to improve quality and reduce costs.²²⁰⁶

On 10 March 2020, Secretary Chao announced funding worth USD39 million for the improvement and expansion of two Texas ports as part of the Port Infrastructure Development Program.²²⁰⁷ The aim of the funds is to increase green space, capacity and to refurbish the ports.²²⁰⁸

On 10 March 2020, the DOE announced funding of USD1.5 million for a technology project as part of the DOE’s Crosscutting Research Project.²²⁰⁹ The aim of the project is to ensure the U.S. has coal-

²²⁰² Five Lighting Projects Among Recipients of DOE Building Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) Funding Awards 25/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/eere/ssl/articles/five-lighting-projects-among-recipients-doe-building-energy-efficiency-frontiers>

²²⁰³ Department of Energy Announces \$6.7 Million for IoT Integration Research 25/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-67-million-iot-integration-research>

²²⁰⁴ Department of Energy Announces \$6.7 Million for IoT Integration Research 25/02/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-67-million-iot-integration-research>

²²⁰⁵ Energy Department Manufacturing Institute Selects Projects to Advance U.S. Leadership in Smart Manufacturing 09/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/eere/articles/energy-department-manufacturing-institute-selects-projects-advance-us-leadership-smart>

²²⁰⁶ Energy Department Manufacturing Institute Selects Projects to Advance U.S. Leadership in Smart Manufacturing 09/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/eere/articles/energy-department-manufacturing-institute-selects-projects-advance-us-leadership-smart>

²²⁰⁷ U.S. Transportation Secretary Elaine L. Chao Formally Announces More Than \$39 Million for Improvement & Expansion of Two Texas Ports 10/03/2020, U.S. Department of Transportation (Houston). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-formally-announces-more-39-million>

²²⁰⁸ U.S. Transportation Secretary Elaine L. Chao Formally Announces More Than \$39 Million for Improvement & Expansion of Two Texas Ports 10/03/2020, U.S. Department of Transportation (Houston). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-formally-announces-more-39-million>

²²⁰⁹ U.S. Department of Energy Selects Technology Project to Receive \$1.5M for Near-Zero Water Consumption at Power Plants 10/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/fe/articles/us-department-energy-selects-technology-project-receive-15m-near-zero-water-consumption>

fired power plans that will “provide stable power generation with operational flexibility, high efficiency, low emissions, and even lower water demand than now.”²²¹⁰

On 12 March 2020, Secretary Chao announced funding worth USD248.5 million in grants to support 32 projects, both state and local, across 27 states.²²¹¹ The funding is a part of the Consolidated Rail Infrastructure and Safety Improvements (CRISI) Program and aims “to improve the safety, efficiency, and reliability of intercity passenger and freight rail systems.”²²¹²

On 27 March 2020, the DOE announced funding up to USD15 million towards developing energy resources on tribal lands, should the tribes so choose to use the funding.²²¹³ The funding is intended to “stabilize or reduce energy costs and increase energy security and resiliency for Indian Tribes and tribal members.”²²¹⁴

On 30 March 2020, the DOE announced funding up to USD22 million for research on developing carbon capture, utilization and storage for commercialization use, on a mass level.²²¹⁵ This funding aligns with the U.S. commitment to integrating environmental and social considerations in infrastructure investments.²²¹⁶

On 1 April 2020, the DOE announced funding up to USD20 million in offshore wind resource characterization and technology demonstration, intended to help “lower the cost of energy and technology risk, enabling continued cost-effective deployment of wind power.”²²¹⁷ The ultimate goal is to advance offshore wind energy technologies in the U.S. and to improve modelling for future sustainable projects.²²¹⁸

²²¹⁰ U.S. Department of Energy Selects Technology Project to Receive \$1.5M for Near-Zero Water Consumption at Power Plants 10/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020.

<https://www.energy.gov/fe/articles/us-department-energy-selects-technology-project-receive-15m-near-zero-water-consumption>

²²¹¹ U.S. Transportation Secretary Elaine L. Chao Announces \$248.5 Million in Grants to Support Railroad Infrastructure 12/03/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020.

<https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-2485-million-grants-support>

²²¹² U.S. Transportation Secretary Elaine L. Chao Announces \$248.5 Million in Grants to Support Railroad Infrastructure 12/03/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020.

<https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-2485-million-grants-support>

²²¹³ Department of Energy Announces Up To \$15 Million for Tribes to Deploy Energy Technology 27/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-15-million-tribes-deploy-energy-technology>

²²¹⁴ Department of Energy Announces Up To \$15 Million for Tribes to Deploy Energy Technology 27/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-15-million-tribes-deploy-energy-technology>

²²¹⁵ Department of Energy Announces to Provide \$22 Million for Research on Capturing Carbon Dioxide from Air 30/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020.

<https://www.energy.gov/articles/department-energy-provide-22-million-research-capturing-carbon-dioxide-air>

²²¹⁶ Department of Energy Announces to Provide \$22 Million for Research on Capturing Carbon Dioxide from Air 30/03/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020.

<https://www.energy.gov/articles/department-energy-provide-22-million-research-capturing-carbon-dioxide-air>

²²¹⁷ Energy Department Announces \$20 Million Investment in Offshore Wind Resource Characterization and Technology Demonstration 01/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020.

<https://www.energy.gov/eere/articles/energy-department-announces-20-million-investment-offshore-wind-resource>

²²¹⁸ Energy Department Announces \$20 Million Investment in Offshore Wind Resource Characterization and Technology Demonstration 01/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020.

<https://www.energy.gov/eere/articles/energy-department-announces-20-million-investment-offshore-wind-resource>

On 2 April 2020, Secretary Chao announced funding worth USD25 billion to help the U.S. public transportation systems respond to COVID-19 as part of the Coronavirus Aid, Relief, and Economic Security (CARES) Act. The funding will be allocated to both large and small urban areas, as well as rural, and will insure the public transportation systems “can continue to provide services to the millions of Americans who depend on them.”²²¹⁹

On 9 April 2020, the DOE announced up to USD38 million in funding to design economically affordable, more efficient Hydrokinetic Turbines for tidal and riverine currents.²²²⁰ This funding aims to help with the commercialization of these turbines for clean, reliable electricity, to improve the diversification of the U.S. energy generation infrastructure, and to increase grid resiliency.²²²¹

On 10 April 2020, Secretary Chao announced USD1 billion in funding for the National Railroad Passenger Corporation as part of the CARES Act.²²²² The aim of the fund is “to support the railroad’s activities to prevent, prepare for, and respond to the spread of the coronavirus disease 2019 (COVID-19) in the United States and its impacts on operations and business.”²²²³

On 14 April 2020, the Secretary Chao announced USD10 billion in relief funding to commercial and general aviation airports as part of the CARES Act Airport Grant Program.²²²⁴ The funding is intended to “help fund the continued operations of [the U.S.] airports during this crisis and save workers’ jobs.”²²²⁵

On 21 April 2020, the DOE announced funding up to USD28 million for the Advanced Research Projects Agency-Energy program, ULtrahigh Temperature Impervious Materials Advancing Turbine Efficiency.²²²⁶ This project aims to improve the efficiency and environmental sustainability of gas

²²¹⁹ U.S. Transportation Secretary Elaine L. Chao Announces \$25 Billion to Help Nation’s Public Transportation Systems Respond to COVID-19 02/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-25-billion-help-nations-public>

²²²⁰ Department of Energy Announces \$38 Million to Support Hydrokinetic Turbine Technology Development 09/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-38-million-support-hydrokinetic-turbine-technology-development>

²²²¹ Department of Energy Announces \$38 Million to Support Hydrokinetic Turbine Technology Development 09/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-38-million-support-hydrokinetic-turbine-technology-development>

²²²² U.S. Transportation Secretary Elaine L. Chao Announces \$1 Billion for Amtrak in Response to COVID-19 10/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-1-billion-amtrak-response-covid>

²²²³ U.S. Transportation Secretary Elaine L. Chao Announces \$1 Billion for Amtrak in Response to COVID-19 10/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-1-billion-amtrak-response-covid>

²²²⁴ U.S. Transportation Secretary Elaine L. Chao Announces \$10 Billion in Relief for America’s Airports 14/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-10-billion-relief-americas>

²²²⁵ U.S. Transportation Secretary Elaine L. Chao Announces \$10 Billion in Relief for America’s Airports 14/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-10-billion-relief-americas>

²²²⁶ Department of Energy Announces \$28 Million to Develop Ultrahigh Temperature Materials for Gas Turbine Applications 21/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-28-million-develop-ultrahigh-temperature-materials-gas-turbine>

turbines across multiple power sectors, “from electricity generation to transportation and aviation.”²²²⁷

On 22 April 2020, the DOE announced approximately USD4 million of funding for five projects as part of its Rapid Advancement in Process Intensification Deployment Manufacturing Institute, which works on chemical and commodity processing, renewable bioproducts and natural gas upgrading.²²²⁸ This aim of this funding is to “increase U.S. manufacturing competitiveness and promote a robust and sustainable national manufacturing research and development (R&D) infrastructure.”²²²⁹

On 23 April 2020, the DOE announced funding of USD25 million towards 10 projects as part of the Performance-based energy Resource Feedback, Optimization, and Risk Management program, and will work to “develop innovative management systems that represent the relative delivery risk of each asset...and balance the collective risk of all assets across the grid.”²²³⁰

On 24 April 2020, the DOE announced funding up to USD131 million towards carbon capture, utilization and storage (CCUS) research and development projects.²²³¹ The aim of this funding is to adapt new carbon capture technologies to industrial sources of emission to reduce global greenhouse gas emissions and to make coal-intensive processes cleaner.²²³²

On 30 April 2020, Secretary Chao announced over USD1 billion in funding to 429 airports across 50 states in airport safety and infrastructure grants, as part of the CARES Act.²²³³ The funding is

²²²⁷ Department of energy Announces \$28 Million to Develop Ultrahigh Temperature Materials for Gas Turbine Applications 21/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-28-million-develop-ultrahigh-temperature-materials-gas-turbine>

²²²⁸ Department of Energy Announces \$25 Million for Grid Management Systems and Risk Assessment Systems 23/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-25-million-grid-management-systems-and-risk-assessment-systems>

²²²⁹ Energy Department Manufacturing Institute Announces New Projects for Innovative Process Intensification 22/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/eere/articles/energy-department-manufacturing-institute-announces-new-projects-innovative-process>

²²³⁰ Department of Energy Announces \$25 Million for Grid Management Systems and Risk Assessment Systems 23/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-25-million-grid-management-systems-and-risk-assessment-systems>

²²³¹ U.S. Department of Energy Announces \$131 Million for CCUS Technologies 24/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/us-department-energy-announces-131-million-ccus-technologies>

²²³² U.S. Department of Energy Announces \$131 Million for CCUS Technologies 24/04/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/us-department-energy-announces-131-million-ccus-technologies>

²²³³ U.S. Transportation Secretary Elaine L. Chao Announces Over \$1 Billion in Grants to 439 Airports in 50 States 30/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-over-1-billion-grants-439>

intended to maintain the safety and efficiency of the airports for the travelling public and is in-line with the U.S. commitment to integrating social considerations into its infrastructure investments.²²³⁴

On 4 May 2020, Secretary Chao announced funding worth USD500 million for the City of Long Beach as part of the Transportation Infrastructure Finance and Innovation Act (TIFIA).²²³⁵ The aim of the funding is to help “reduce traffic congestion while enhancing the Port of Long Beach’s ability to handle large container ships to support economic growth in the region and the country,” which includes the construction of a new bridge.²²³⁶

On 13 May 2020, the DOE announced funding of USD27 million as part of the Generating Electricity Managed by Intelligent Nuclear Assets program to go towards nine projects, which will work to develop digital technology that can “reduce operations and maintenance (O&M) costs...by 10-times in order to make them more economical, flexible, and efficient.”²²³⁷

On 14 May 2020, the DOE announced funding up to USD30 million towards R&D in “next-generation extraction, separation, and processing technologies for critical materials.”²²³⁸ The aim of this R&D is to create a sustainable critical materials supply chain in the U.S., which as a country relies heavily on critical materials to fuel its technologies.²²³⁹

On 20 May 2020, the USDOT announced up to USD120.1 million in loans for the Gilcrease Expressway West Project in Oklahoma as part of the Transportation Infrastructure Finance and Innovation Act (TIFIA).²²⁴⁰ The aim of the funding is to “promote economic growth by reducing congestion for residents and travelers in the...region,” and to “provide a new and more direct route to city attractions and various points of interest.”²²⁴¹

On 20 May 2020, the U.S. DOE’s Office of Energy Efficiency and Renewable Energy announced funding of USD67 million “to stimulate technology innovation, improve the energy productivity of

²²³⁴ U.S. Transportation Secretary Elaine L. Chao Announces Over \$1 Billion in Grants to 439 Airports in 50 States 30/04/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-over-1-billion-grants-439>

²²³⁵ U.S. Transportation Secretary Elaine L. Chao Announces \$500 Million Loan for Port of Long Beach 04/05/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-500-million-loan-port-long-beach>

²²³⁶ U.S. Transportation Secretary Elaine L. Chao Announces \$500 Million Loan for Port of Long Beach 04/05/2020, U.S. Department of Transportation (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-500-million-loan-port-long-beach>

²²³⁷ DOE Announces \$27 Million for Advanced Nuclear Reactor Systems Operational Technology 13/05/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/doe-announces-27-million-advanced-nuclear-reactor-systems-operational-technology>

²²³⁸ Department of Energy Announces \$30 Million for Innovation in Critical Materials Processing Technology 14/05/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-30-million-innovation-critical-materials-processing>

²²³⁹ Department of Energy Announces \$30 Million for Innovation in Critical Materials Processing Technology 14/05/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.energy.gov/articles/department-energy-announces-30-million-innovation-critical-materials-processing>

²²⁴⁰ U.S. Department of Transportation Announces up to a \$120.1 Million Loan for the Gilcrease Expressway West Project in Tulsa, OK 20/05/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-1201-million-loan-gilcrease-expressway-west>

²²⁴¹ U.S. Department of Transportation Announces up to a \$120.1 Million Loan for the Gilcrease Expressway West Project in Tulsa, OK 20/05/2020, U.S. Department of Energy (Washington). Access Date: July 20, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-1201-million-loan-gilcrease-expressway-west>

American manufacturing, and enable the manufacturing of cutting-edge products in the United States.”²²⁴²

On 26 May 2020, the U.S. DOE announced funding for two R&D projects worth approximately USD10 million and which aim to “competitively seek cost-shared applications for materials research, development, testing and validation to enhance the reliability of the [U.S.] existing fossil fleet and materials supply chain.”²²⁴³

On 29 May 2020, the U.S. DOE’s Office of Fossil Energy announced funding up to USD30 million for Small-Scale Solid Oxide Fuel Cell Systems and Hybrid Energy Systems projects, which aim to improve hydrogen production and power generation technologies “to a point of commercial readiness.”²²⁴⁴ Both processes provide clean and reliable energy and align with the U.S. commitment to integrating environmental considerations in its infrastructure investments.²²⁴⁵

On 2 June 2020, Secretary Chao announced a final rule to establish the DOT Tribal Transportation Self-Governance Program.²²⁴⁶ This program “will provide a flexible, effective framework for the Federal government and Indian tribes (Tribes) to work collaboratively to improve transportation infrastructure delivery in Indian country.”²²⁴⁷ The goal is to increase economic growth, quality of life, and to reduce administrative red tape in these areas.²²⁴⁸

On 10 June 2020, the USDOT announced nearly USD3.3 million in funding “to state, local, and tribal governments to develop and deploy innovative data tools and information to improve roadway

²²⁴² Department of Energy Announces \$67 Million to Enhance Manufacturing Competitiveness Through Innovation 20/04/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020.
<https://www.energy.gov/articles/department-energy-announces-67-million-enhance-manufacturing-competitiveness-through>

²²⁴³ U.S. Department of Energy Selects Technology Projects to Receive \$10M for Extreme Environment Materials Research 26/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020.
<https://www.energy.gov/fe/articles/us-department-energy-selects-technology-projects-receive-10m-extreme-environment>

²²⁴⁴ DOE to Provide \$30 Million to Develop Small-Scale Solid Oxide Fuel Cell Systems and Hybrid Energy Systems 29/05/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020.
<https://www.energy.gov/articles/doe-provide-30-million-develop-small-scale-solid-oxide-fuel-cell-systems-and-hybrid-energy>

²²⁴⁵ DOE to Provide \$30 Million to Develop Small-Scale Solid Oxide Fuel Cell Systems and Hybrid Energy Systems 29/05/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020.
<https://www.energy.gov/articles/doe-provide-30-million-develop-small-scale-solid-oxide-fuel-cell-systems-and-hybrid-energy>

²²⁴⁶ U.S. Secretary of Transportation Elaine L. Chao Announces Historic Rule on Tribal Transportation Self Governance 02/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020.
<https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-historic-rule-tribal>

²²⁴⁷ U.S. Secretary of Transportation Elaine L. Chao Announces Historic Rule on Tribal Transportation Self Governance 02/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020.
<https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-historic-rule-tribal>

²²⁴⁸ U.S. Secretary of Transportation Elaine L. Chao Announces Historic Rule on Tribal Transportation Self Governance 02/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020.
<https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-historic-rule-tribal>

safety.”²²⁴⁹ The goal of the funding is to help reduce roadway fatalities and to improve overall safety.²²⁵⁰

On 16 June 2020, the DOE announced funding of approximately USD17 million towards cost-shared carbon utilization research and development projects, which “develop and test technologies that...utilize carbon dioxide from power systems or other industrial sources as the primary feedstocks.”²²⁵¹ The final goal is to reduce emissions and carbon waste.²²⁵²

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.²²⁵³ GPAI aims to guide the responsible development and use of AI regarding human rights, inclusion, diversity, innovation and economic growth.²²⁵⁴ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.²²⁵⁵

On 18 June 2020, Secretary Chao announced USD906 million of funding to be awarded to 20 projects in 20 states as part of the Infrastructure for Rebuilding American discretionary grant program.²²⁵⁶ The funding will be used to “improve major highways, bridges, ports, and railroads across the country to better connect...communities, enhance safety, and support economic growth.”²²⁵⁷

On 18 June 2020, the U.S. DOE announced over USD65 million in funding for “nuclear energy research, cross-cutting technology development, facility access, and infrastructure awards,” and

²²⁴⁹ U.S. Department of Transportation Announces Over \$3 Million for Roadway Safety Tools 10/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-over-3-million-roadway-safety-tools-0>

²²⁵⁰ U.S. Department of Transportation Announces Over \$3 Million for Roadway Safety Tools 10/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-over-3-million-roadway-safety-tools-0>

²²⁵¹ DOE Invests \$17 Million to Advance Carbon Utilization Projects 16/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/doe-invests-17-million-advance-carbon-utilization-projects>

²²⁵² DOE Invests \$17 Million to Advance Carbon Utilization Projects 16/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/doe-invests-17-million-advance-carbon-utilization-projects>

²²⁵³ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²²⁵⁴ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²²⁵⁵ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²²⁵⁶ U.S. Secretary of Transportation Elaine L. Chao announces \$906 Million Investment to Revitalize America’s Infrastructure 18/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-906-million-investment-revitalize>

²²⁵⁷ U.S. Secretary of Transportation Elaine L. Chao announces \$906 Million Investment to Revitalize America’s Infrastructure 18/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-906-million-investment-revitalize>

which aims to reduce greenhouse gas emissions by ensuring reliable, clean electricity for U.S. citizens.²²⁵⁸

On 30 June 2020, the DOE announced funding of USD20 million towards developing “technology innovations that strengthen America’s water infrastructure and enable advanced water resource recovery systems that have the potential to be net energy positive.”²²⁵⁹ The aim of this funding is to improve the strength, security, and reusability of the U.S. water infrastructure.²²⁶⁰

On 6 July 2020, Secretary Chao announced funding of nearly USD800 million in grants towards 347 airports to 46 states and is partially supported by the CARES Act.²²⁶¹ The grants “will be used for a variety of critical infrastructure and safety projects,” such as purchasing aircraft rescue equipment, constructing runways and taxiways, installing signage and perimeter fencing, and conducting airport master plan studies.²²⁶²

On 6 July 2020, USDOT announced funding worth USD3 million for 20 U.S. small businesses through the SBIR Program Phase I awards.²²⁶³ The aim of the funding is “to spur research and commercialization of innovative transportation technologies,” improving safety and infrastructure on highways, rail, pipelines and in vehicles.²²⁶⁴

On 13 July 2020, the U.S. DOE announced USD11.5 million in funding for 12 projects as part of the FLExible Carbon Capture and Storage program, which aims to create “the next generation of flexible, low-cost, and low-carbon electricity systems.”²²⁶⁵

²²⁵⁸ Department of Energy Invests \$65 Million at National Laboratories and American Universities to Advance Nuclear Technology 18/05/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/department-energy-invests-65-million-national-laboratories-and-american-universities>

²²⁵⁹ Department of Energy Announces \$20 Million to Improve Water and Wastewater Treatment System Infrastructure 30/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/articles/department-energy-announces-20-million-improve-water-and-wastewater-treatment-system>

²²⁶⁰ Department of Energy Announces \$20 Million to Improve Water and Wastewater Treatment System Infrastructure 30/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/articles/department-energy-announces-20-million-improve-water-and-wastewater-treatment-system>

²²⁶¹ U.S. Transportation Secretary Elaine L. Chao Announces Nearly \$800 Million in Grants to 347 Airports in 46 States and 4 Territories 06/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-nearly-800-million-grants-347>

²²⁶² U.S. Transportation Secretary Elaine L. Chao Announces Nearly \$800 Million in Grants to 347 Airports in 46 States and 4 Territories 06/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-nearly-800-million-grants-347>

²²⁶³ U.S. Department of Transportation Announces \$3 Million for Small Business Innovators 06/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-3-million-small-business-innovators>

²²⁶⁴ U.S. Department of Transportation Announces \$3 Million for Small Business Innovators 06/06/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-3-million-small-business-innovators>

²²⁶⁵ U.S. Department of Energy Announces \$11.5 Million funding for FLExible Carbon Capture and Storage (FLECCS) program 13/07/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/us-department-energy-announces-115-million-funding-flexible-carbon-capture-and-storage>

On 14 July 2020, the U.S. DOE announced nearly USD53.4 million in funding for 49 SBIR and Small Business Technology Transfer R&D projects across 23 states.²²⁶⁶ These projects focus primarily on energy innovation in various sectors, including bioenergy, fuel cells, geothermal, solar, vehicle, water and wind.²²⁶⁷ The aim is to lower costs and increase commercialization of alternative energy sources.²²⁶⁸

On 16 July 2020, the DOE announced USD139 million in federal funding for 55 projects “that will support new and innovative advanced vehicle technologies,” including advanced batteries electrification and energy-efficient manufacturing.²²⁶⁹ The aim of the project is to “expand access to affordable mobility and provide consumers with a wide range of transportation options to meet their needs.”²²⁷⁰

On 20 July 2020, the DOE announced approximately USD64 million in funding for 18 projects “that will support the H2@Scale vision for affordable hydrogen production, storage, distribution, and use.”²²⁷¹ The aim of these projects is to work towards integrating hydrogen as a resilient, flexible, and affordable energy system across the U.S.²²⁷²

On 21 July 2020, the USDOT announced USD851.15 million in funding through the Railroad Rehabilitation and Improvement Financing program for the Train Control Implementation and Rehabilitation Project in New England.²²⁷³ The funding will help the railway improve safety across its network, including expansion of fiber optic cable network, the installation of Automatic Train

²²⁶⁶ U.S. Department of Energy Announces Nearly \$53.4 Million in Small Business Research and Development 14/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/articles/us-department-energy-announces-nearly-534-million-small-business-research-and>

²²⁶⁷ U.S. Department of Energy Announces Nearly \$53.4 Million in Small Business Research and Development 14/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/articles/us-department-energy-announces-nearly-534-million-small-business-research-and>

²²⁶⁸ U.S. Department of Energy Announces Nearly \$53.4 Million in Small Business Research and Development 14/06/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/articles/us-department-energy-announces-nearly-534-million-small-business-research-and>

²²⁶⁹ DOE Announces \$139 Million in Funding for 55 Projects to Advance Innovative Vehicle Technologies 16/07/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/amo/articles/doe-announces-139-million-funding-55-projects-advance-innovative-vehicle>

²²⁷⁰ DOE Announces \$139 Million in Funding for 55 Projects to Advance Innovative Vehicle Technologies 16/07/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/eere/amo/articles/doe-announces-139-million-funding-55-projects-advance-innovative-vehicle>

²²⁷¹ Energy Department Announces Approximately \$64M in Funding for 18 Projects to Advance H2@Scale 20/07/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/energy-department-announces-approximately-64m-funding-18-projects-advance-h2scale>

²²⁷² Energy Department Announces Approximately \$64M in Funding for 18 Projects to Advance H2@Scale 20/07/2020, U.S. Department of Energy (Washington). Access Date: July 23, 2020. <https://www.energy.gov/articles/energy-department-announces-approximately-64m-funding-18-projects-advance-h2scale>

²²⁷³ U.S. Department of Transportation Announces USD851.15 Million Loan for the Train control Implementation and Rehabilitation Project in New England 21/07/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-85115-million-loan-train-control>

Control system, and other infrastructure necessary for compliance with the Positive Train Control standards.²²⁷⁴

On 29 July 2020, the U.S. DOE announced funding of USD100 million over five years for two new awards, with the aim to advance artificial photosynthesis for the production of new fuels from sunlight.²²⁷⁵ The goal of the funding is to “keep America at the forefront of artificial photosynthesis research, a field of great challenge but also huge promise.”²²⁷⁶

On 28 July 2020, Secretary Chao announced funding worth USD273 million in safety and infrastructure grants to 184 airports across the country through the FAA.²²⁷⁷ The grants are intended to “strengthen safety, improve travel, generate jobs, and benefit local communities.”²²⁷⁸

On 29 July 2020, the DOE announced funding up to USD28 million for five geothermal energy projects, which aim to “unlock the full potential of geothermal power as a clean, reliable, and affordable energy source for American homes and businesses.”²²⁷⁹

On 30 July 2020, the DOE announced funding of USD2 million for two projects that “aim to economically increase the beneficial use and management of coal combustion residuals, reducing the volume needed to be disposed of in impoundments while protecting the environment and the health and safety of the public.”²²⁸⁰ The funding is a part of the Research for Innovative reduction Technologies Related to Coal Combustion Residuals.²²⁸¹

On 31 July 2020, the USDOT announced funding worth USD4.925 million towards the development of four University Transportation Centers (UTCs) “to advance research and education

²²⁷⁴ U.S. Department of Transportation Announces USD851.15 Million Loan for the Train control Implementation and Rehabilitation Project in New England 21/07/2020, U.S. Department of Transportation (Washington). Access Date: July 23, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-85115-million-loan-train-control>

²²⁷⁵ Department of Energy Announces \$100 Million for Artificial Photosynthesis Research 29/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/articles/department-energy-announces-100-million-artificial-photosynthesis-research>

²²⁷⁶ Department of Energy Announces \$100 Million for Artificial Photosynthesis Research 29/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/articles/department-energy-announces-100-million-artificial-photosynthesis-research>

²²⁷⁷ U.S. Transportation Secretary Elaine L. Chao Announces Over \$273 Million in Grants to 184 Airports in 41 States, 6 Territories 28/07/2020, U.S. Department of Transportation (Washington). Access Date: July 31, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-over-273-million-grants-184>

²²⁷⁸ U.S. Transportation Secretary Elaine L. Chao Announces Over \$273 Million in Grants to 184 Airports in 41 States, 6 Territories 28/07/2020, U.S. Department of Transportation (Washington). Access Date: July 31, 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-over-273-million-grants-184>

²²⁷⁹ Department of Energy Selects 5 Projects to Receive up to \$28 Million for Geothermal Energy Research 29/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/articles/department-energy-selects-5-projects-receive-28-million-geothermal-energy-research>

²²⁸⁰ U.S. Department of Energy Invests \$2 Million to Find Beneficial Uses for Coal Combustion Residuals 30/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/fe/articles/us-department-energy-invests-2-million-find-beneficial-uses-coal-combustion-residuals>

²²⁸¹ U.S. Department of Energy Invests \$2 Million to Find Beneficial Uses for Coal Combustion Residuals 30/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/fe/articles/us-department-energy-invests-2-million-find-beneficial-uses-coal-combustion-residuals>

programs that address critical transportation challenges” and are intended to increase accessibility in the U.S.²²⁸²

On 31 July 2020, the U.S. DOE announced funding of USD97 million towards 33 projects that “will improve the performance and lower the costs and risk of technologies that can be used to produce biofuels, biopower, and bioproducts from biomass and waste resources.”²²⁸³

On 6 August 2020, the DOE announced USD33 million in funding for 10 projects through the REPAIR program “to rehabilitate existing cast iron and bare steel pipes by creating new, robots pipes inside of the old ones.”²²⁸⁴ The aim of the funding is to safely modernize natural gas infrastructure at low cost and to extend the life of the new pipes by a minimum of 50 years.²²⁸⁵

On 11 August 2020, Secretary Chao announced USD464 million in funding through the FTA “to improve the safety and reliability of America’s bus systems and enhance mobility for transit riders.”²²⁸⁶ The funding will be distributed to 96 projects across 49 states and territories and will replace, rehabilitate and purchase buses and bus-related facilities.²²⁸⁷

On 26 August 2020, Secretary Chao announced USD400 million in funding through the free trade agreement for four infrastructure projects in Arizona, Indiana, Missouri and New Jersey that aim to improve commuter, streetcar and light rail infrastructure.²²⁸⁸

On 26 August 2020, the DOE announced USD33 million in funding for 17 projects through the ASCEND program “to develop innovative, lightweight, and ultra-efficient all-electric powertrain with advanced thermal management systems that help enable efficient net-zero carbon emissions for single-aisle passenger commercial aircraft.”²²⁸⁹ The aim of the funding is to develop cost-effective,

²²⁸² U.S. Department of Transportation Announces Nearly \$5 Million to 4 New University Transportation Centers 31/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-nearly-5-million-4-new-university-0>

²²⁸³ Department of energy Announces \$97 Million for Bioenergy Research and Development 31/07/2020, U.S. Department of Energy (Washington). Access Date: July 31, 2020. <https://www.energy.gov/articles/department-energy-announces-97-million-bioenergy-research-and-development>

²²⁸⁴ Department of Energy Announces \$33 Million for Natural Gas Pipeline Retrofitting Projects 06/08/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-33-million-natural-gas-pipeline-retrofitting-projects>

²²⁸⁵ Department of Energy Announces \$33 Million for Natural Gas Pipeline Retrofitting Projects 06/08/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-33-million-natural-gas-pipeline-retrofitting-projects>

²²⁸⁶ U.S. Transportation Secretary Elaine L. Chao Announces \$464 Million in Grant Awards Nationwide to Revitalize America’s Bus Infrastructure 11/08/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-464-million-grant-awards>

²²⁸⁷ U.S. Transportation Secretary Elaine L. Chao Announces \$464 Million in Grant Awards Nationwide to Revitalize America’s Bus Infrastructure 11/08/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-464-million-grant-awards>

²²⁸⁸ U.S. Transportation Secretary Elaine L. Chao Announces \$400 Million in Federal Funding Allocations for Four Transit Infrastructure Projects 26/08/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-400-million-federal-funding>

²²⁸⁹ Department of Energy Announces \$33 Million in Funding for Carbon Neutral Hybrid Electric Aviation 26/08/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-33-million-funding-carbon-neutral-hybrid-electric-aviation>

innovative and high-performance solutions for decreasing energy usage and carbon emissions of aircrafts.²²⁹⁰

On 1 September 2020, U.S. Transportation Secretary Elaine L. Chao announced over USD1.2 billion in funding through the FAA to improve airport safety, infrastructure and to strengthen growth in local communities in 50 states and for 405 airports.²²⁹¹

On 9 September 2020, Secretary Chao announced a USD13.08 million loan to the San Luis Obispo Regional Transit Authority to “provide residents...with better access to jobs, health, and other services.”²²⁹² The loan aims to assist the rural area in overcoming financial barriers to constructing a new bus maintenance facility and to improving administration and operations.²²⁹³

On 16 September 2020, Secretary Chao announced USD1 billion in funding through the Better Utilizing Investments to Leverage Development Transportation Discretionary Grants program to 70 infrastructure projects in 44 states.²²⁹⁴ The aim of the funding is to support projects that will encompass safety, economic competitiveness, quality of life, sustainability and partnerships with stakeholders when improving road, bridge, transit, rail, port and intermodal transportation infrastructure.²²⁹⁵

On 23 September 2020, Secretary Chao announced USD320.6 million in funding through the Fiscal Year 2020 CRISI Program to 50 infrastructure projects in 29 states.²²⁹⁶ The aim of the funding is to

²²⁹⁰ Department of Energy Announces \$33 Million in Funding for Carbon Neutral Hybrid Electric Aviation 26/08/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-33-million-funding-carbon-neutral-hybrid-electric-aviation>

²²⁹¹ U.S. Transportation Secretary Elaine L. Chao Announces More Than \$1.2 Billion in Infrastructure Grants to America’s Airports 01/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-400-million-federal-funding>

²²⁹² U.S. Transportation Secretary Elaine L. Chao Announces \$13 Million Loan for Operations and Maintenance Facility in San Luis Obispo, California 09/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-13-million-loan-operations-and-maintenance>

²²⁹³ U.S. Transportation Secretary Elaine L. Chao Announces \$13 Million Loan for Operations and Maintenance Facility in San Luis Obispo, California 09/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-department-transportation-announces-13-million-loan-operations-and-maintenance>

²²⁹⁴ U.S. Transportation Secretary Elaine L. Chao Announces \$1 Billion to Upgrade American Infrastructure 16/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-1-billion-upgrade-american>

²²⁹⁵ U.S. Transportation Secretary Elaine L. Chao Announces \$1 Billion to Upgrade American Infrastructure 16/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-secretary-transportation-elaine-l-chao-announces-1-billion-upgrade-american>

²²⁹⁶ U.S. Transportation Secretary Elaine L. Chao Announces \$320.6 Million for Rail Infrastructure and Safety Improvements 23/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-3206-million-rail-infrastructure>

support projects that will “improve the safety, efficiency, and reliability of freight and intercity passenger service.”²²⁹⁷

On 24 September 2020, Secretary Chao announced USD335 million in funding through the FAA to 80 airports in 25 states to “advance safety, improve travel, generate jobs and provide other economic benefits for local communities.”²²⁹⁸

On 25 September 2020, the DOE announced USD80 million in funding to projects “that enhance energy demand flexibility across buildings and the electric power grid.”²²⁹⁹ The aim of the funding is to develop innovative technologies that will enhance building, materials, equipment and operations design and help to build a more resilient energy future.²³⁰⁰

On 25 September 2020, the U.S. met with Australia, India, and Japan for a virtual Quad meeting to discuss efforts to improve the Indo-Pacific region.²³⁰¹ One of the topics discussed was “quality infrastructure based upon international best practices, such as the G20 Principles for Quality Infrastructure Investment.”²³⁰²

On 29 September 2020, Secretary Chao announced USD574 million in Emergency Relief funds for 39 states and Puerto Rico to repair their roads and bridges damaged by natural disasters.²³⁰³ “These funds will help reimburse states for needed repairs to vital transportation infrastructure that residents rely upon for daily travel.”²³⁰⁴

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.

²²⁹⁷ U.S. Transportation Secretary Elaine L. Chao Announces \$320.6 Million for Rail Infrastructure and Safety Improvements 23/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-3206-million-rail-infrastructure>

²²⁹⁸ U.S. Transportation Secretary Elaine L. Chao Announces \$335 Million in Infrastructure Grants to America’s Airports 24/09/2020, U.S. Department of Transportation (Washington). Access Date: 29 September 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-335-million-infrastructure-grants>

²²⁹⁹ Department of Energy Announces \$80 Million for Innovative Building Technologies and Practices 25/09/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-80-million-innovative-building-technologies-and-practices>

²³⁰⁰ Department of Energy Announces \$80 Million for Innovative Building Technologies and Practices 25/09/2020, U.S. Department of Energy (Washington). Access Date: 29 September 2020. <https://www.energy.gov/articles/department-energy-announces-80-million-innovative-building-technologies-and-practices>

²³⁰¹ U.S.-Australia-India-Japan Consultations (“The Quad”), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

²³⁰² U.S.-Australia-India-Japan Consultations (“The Quad”), U.S. Department of State (Washington) 25 September 2020. Access Date: 17 November 2020. <https://www.state.gov/u-s-australia-india-japan-consultations-the-quad-3/>

²³⁰³ U.S. Transportation Secretary Elaine L. Chao Announces \$574 Million in Emergency Relief for Road and Bridge Repairs, U.S. Department of Transportation (Washington) 29 September 2020. Access Date: 17 November 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-574-million-emergency-relief-road>

²³⁰⁴ U.S. Transportation Secretary Elaine L. Chao Announces \$574 Million in Emergency Relief for Road and Bridge Repairs, U.S. Department of Transportation (Washington) 29 September 2020. Access Date: 17 November 2020. <https://www.transportation.gov/briefing-room/us-transportation-secretary-elaine-l-chao-announces-574-million-emergency-relief-road>

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.²³⁰⁵

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.²³⁰⁶

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.²³⁰⁷

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.²³⁰⁸

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.²³⁰⁹

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

²³⁰⁵ 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>.

²³⁰⁶ 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.

²³⁰⁷ 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.

²³⁰⁸ 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.

²³⁰⁹ 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.

switch over to clean transportation infrastructure while benefiting citizens through a more modern system and cleaner air quality.²³¹⁰

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.²³¹¹

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 efficient investment industrial companies with the benefit of lowering carbon dioxide levels as well as energy bills for consumers.²³¹²

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.²³¹³

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.²³¹⁴

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.²³¹⁵

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

²³¹⁰ 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.

²³¹¹ 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>.

²³¹² 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.

²³¹³ 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.

²³¹⁴ 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.

²³¹⁵ 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.

consumers with limited internet access in Spain gain more connectivity to participate in the modern digital economy.²³¹⁶

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.²³¹⁷

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.²³¹⁸

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.²³¹⁹

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.²³²⁰

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.²³²¹

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

²³¹⁶ 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.

²³¹⁷ 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.

²³¹⁸ 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.

²³¹⁹ 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>.

²³²⁰ 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.

²³²¹ 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>.

transport fleet, purchasing 155 e-buses to substitute old diesel buses in Hamburg and building charging infrastructure.²³²²

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.²³²³

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.²³²⁴

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 while increasing competitiveness and enhancing the EU's ability to participate in sustainable development.²³²⁵

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.²³²⁶

On 3 June 2020, the European Commission approved EUR70 million in loans to support an Estonian broadband network with Eesti Energia.²³²⁷ These new broadband networks will provide over a quarter of a million households with broadband connectivity, which includes improving access in almost 50,000 households who currently have insufficient connectivity.²³²⁸

On 4 June 2020, the European Regional Development Fund initiated EUR28 million to go towards renovating public lighting in Guadeloupe.²³²⁹ The project is financed with the aim of lowering the cost of the lighting as well as decreasing its carbon footprint.²³³⁰

²³²² 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.

²³²³ 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>.

²³²⁴ 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.

²³²⁵ 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.

²³²⁶ 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.

²³²⁷ EB Supports Estonia broadband with Eesti Energia, European Investment Bank (Brussels) 3 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-135-eib-supports-estonian-broadband-with-eesti-energia>

²³²⁸ EB Supports Estonia broadband with Eesti Energia, European Investment Bank (Brussels) 3 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-135-eib-supports-estonian-broadband-with-eesti-energia>

²³²⁹ Street Lighting renovated in Guadeloupe thanks to ERDF, The European Commission (Brussels) 4 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/06/06-04-2020-street-lighting-renovated-in-guadeloupe-thanks-to-erdf

On 5 June 2020, the European Investment Bank initiated EUR450 million to co-finance an offshore wind farm in Fécamp, France. The EU bank has recognized that this is the first project financed in France that reflects the objectives set out in November 2019 that aim to consider the climate in investments.²³³¹

On 8 June 2020, the European Investment Bank initiated a CZK2 billion loan that will go towards improving infrastructure in Pardubice, including improvements to transport and energy efficiency in public buildings.²³³²

On 11 June 2020, the European Investment Bank initiated EUR7.5 billion for a COVID-19 response, including an investment in clean transport and energy.²³³³ The aim of the EUR1.5 billion allocated to clean transport is to improve air quality while creating sustainable transport.²³³⁴ Financing will also be directed towards increasing the use of renewable energy in France.²³³⁵

On 12 June 2020, the European Regional Development Fund provided funding for a bicycle infrastructure project that will offer a more active way to explore an area of Northern Netherlands, near the border of Germany.²³³⁶ The bicycle route was co-created by local businesses and residents, while also keeping tourists in mind.²³³⁷

On 17 June 2020, the European Regional Development Fund initiated a project that will repair a bicycle highway in the Belgian region of Flanders so that residents are able to enjoy commuting by bike while limiting CO2 emissions.²³³⁸

²³³⁰ Street Lighting renovated in Guadeloupe thanks to ERDF, The European Commission (Brussels) 4 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/06/06-04-2020-street-lighting-renovated-in-guadeloupe-thanks-to-erdf

²³³¹ France: Investment Plan - EIB co-finances the construction of an offshore wind farm in Fécamp for €450 million, European Investment Bank (Brussels) 5 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-138-plan-d-investissement-la-bei-cofinance-la-construction-du-parc-eolien-en-mer-de-fecamp-a-hauteur-de-450-millions-d-euros>

²³³² Czech Republic: Pardubice Region gets EIB support for infrastructure upgrade, including hospitals, European Investment Bank (Brussels) 8 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-139-czech-republic-pardubice-region-gets-eib-support-for-infrastructure-upgrade-including-hospitals>

²³³³ EIB approves € 7.5 billion for COVID-19 response and investment in health, private sector, clean transport, education and energy, European Investment Bank (Brussels) 11 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-146-eib-approves-eur-7-5-billion-for-covid-19-response-and-investment-in-health-private-sector-clean-transport-education-and-energy>

²³³⁴ EIB approves € 7.5 billion for COVID-19 response and investment in health, private sector, clean transport, education and energy, European Investment Bank (Brussels) 11 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-146-eib-approves-eur-7-5-billion-for-covid-19-response-and-investment-in-health-private-sector-clean-transport-education-and-energy>

²³³⁵ EIB approves € 7.5 billion for COVID-19 response and investment in health, private sector, clean transport, education and energy, European Investment Bank (Brussels) 11 June 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-146-eib-approves-eur-7-5-billion-for-covid-19-response-and-investment-in-health-private-sector-clean-transport-education-and-energy>

²³³⁶ Cyclists to enjoy Wadden Sea coast via new bike route, The European Commission (Brussels) 12 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/06/06-12-2020-cyclists-to-enjoy-wadden-sea-coast-via-new-bike-route

²³³⁷ Cyclists to enjoy Wadden Sea coast via new bike route, The European Commission (Brussels) 12 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/06/06-12-2020-cyclists-to-enjoy-wadden-sea-coast-via-new-bike-route

²³³⁸ Flanders gets to the root of bicycle highway repairs, The European Commission (Brussels) 17 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/06/17-06-2020-flanders-gets-to-the-root-of-bicycle-highway-repairs

On 17 June 2020, the Global Partnership on Artificial Intelligence (GPAI) was launched, an international initiative created by France and Canada along with Australia, the EU, Germany, India, Italy, Japan, Mexico, New Zealand, Korea, Singapore, Slovenia, the UK and the US.²³³⁹ GPAI aims to guide the responsible development and use of artificial intelligence (AI) regarding human rights, inclusion, diversity, innovation and economic growth.²³⁴⁰ Their work will focus on responsible use of AI, data governance, the future of work and innovation and commercialization; strengthening infrastructure governance and stimulating the economy.²³⁴¹

On 26 June 2020, the European Investment Bank initiated EUR43.5 million to finance a solar project in Andalusia, Spain.²³⁴² The aim of the project is to provide clean energy and reduce CO2 emissions, thus contributing to Spain's green recovery.²³⁴³

On 1 July 2020, the European Investment Bank initiated EUR450 million loan in support of energy renewables projects across Italy, including a combined-cycle gas turbine in Venice.²³⁴⁴ This investment falls in line with the EIB's new Energy Lending Policy which aims to promote investments that are working towards combating climate change.²³⁴⁵

On 9 July 2020, the European Investment Bank initiated EUR800 million to boost a green recovery in Spain.²³⁴⁶ The allocated funds will go towards photovoltaic plants and wind power farms in several regions.²³⁴⁷

On 9 July 2020, the European Commission approved EUR50 million of financing to modernize the rail line between Lisbon and Cascais.²³⁴⁸ The funding will go towards installing new electric infrastructure, signalling and control systems with the aim to make the train system journeys safer and more energy efficient.²³⁴⁹

²³³⁹ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²³⁴⁰ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²³⁴¹ Launch of the Global Partnership on Artificial Intelligence, Government of France (Paris) 17 June 2020. Access Date: 17 November 2020. <https://www.gouvernement.fr/en/launch-of-the-global-partnership-on-artificial-intelligence>

²³⁴² Green recovery: EIB finances the largest solar project in Andalusia, Spain, The European Commission (Brussels) 26 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_1207

²³⁴³ Green recovery: EIB finances the largest solar project in Andalusia, Spain, The European Commission (Brussels) 26 June 2020. Access Date: 22 July 2020. https://ec.europa.eu/commission/presscorner/detail/en/IP_20_1207

²³⁴⁴ Italy: EIB supports Edison's investments in sustainability, European Investment Bank (Brussels) 1 July 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-175-italy-eib-supports-edison-s-investments-in-sustainability>

²³⁴⁵ Italy: EIB supports Edison's investments in sustainability, European Investment Bank (Brussels) 1 July 2020. Access Date: 22 July 2020. <https://www.eib.org/en/press/all/2020-175-italy-eib-supports-edison-s-investments-in-sustainability>

²³⁴⁶ Iberdrola receives €800 million in financing from EIB and ICO to boost the green recovery in Spain, Reve (Madrid) 9 July 2020. Access Date: 22 July 2020. <https://www.evwind.es/2020/07/09/iberdrola-receives-e800-million-in-financing-from-eib-and-ico-to-boost-the-green-recovery-in-spain/75697>

²³⁴⁷ Iberdrola receives €800 million in financing from EIB and ICO to boost the green recovery in Spain, Reve (Madrid) 9 July 2020. Access Date: 22 July 2020. <https://www.evwind.es/2020/07/09/iberdrola-receives-e800-million-in-financing-from-eib-and-ico-to-boost-the-green-recovery-in-spain/75697>

²³⁴⁸ Cohesion policy: Portugal's important suburban train line modernised, The European Commission (Brussels) 9 July 2020. Access Date: 9 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/07/07-09-2020-cohesion-policy-portugal-s-important-suburban-train-line-modernised

²³⁴⁹ Cohesion policy: Portugal's important suburban train line modernised, The European Commission (Brussels) 9 July 2020. Access Date: 9 July 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/07/07-09-2020-cohesion-policy-portugal-s-important-suburban-train-line-modernised

On 16 July 2020, the EU announced that it will invest EUR2.2 billion in 140 key transportation infrastructure projects to support each Member State's economic recovery.²³⁵⁰ This budget aims to incorporate climate initiatives laid out in the European Green New Deal.²³⁵¹ Emphasis of the budget is placed on ensuring cross-border connectivity, the shift to greener fuels for transportation, and the deployment of alternative fuels infrastructure.²³⁵²

On 30 July 2020, the European Investment Bank provided EUR35 million to Endesa to install 8,500 EV charging points in Spain.²³⁵³ The aim of this infrastructure investment is to promote electric mobility in Spain.²³⁵⁴

On 3 August 2020, the European Investment Bank provided EUR95 million to finance 40 climate action projects in Barcelona.²³⁵⁵ The projects all aim to address and support climate change and mitigation in the city through the development of social and energy efficient infrastructure.²³⁵⁶ They will also bear in mind social inclusion and job creation to boost Barcelona's post pandemic recovery.²³⁵⁷

On 5 August 2020, the European Investment Bank lent EUR150 million to a Dutch water utility company, Vitens, to "future proof" the water distribution network as part of a strategy to adapt to the adverse impacts of climate.²³⁵⁸ The aim of the increasing water reserves is so that they can serve as a safety supply to extreme weather events.²³⁵⁹

²³⁵⁰ Boosting the EU's Green Recovery: EU invests over €2 billion in 140 key transport projects to jump-start the economy, European Commission (Brussels) 16 July 2020. Access Date: 22 September 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1336

²³⁵¹ Boosting the EU's Green Recovery: EU invests over €2 billion in 140 key transport projects to jump-start the economy, European Commission (Brussels) 16 July 2020. Access Date: 22 September 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1336

²³⁵² Boosting the EU's Green Recovery: EU invests over €2 billion in 140 key transport projects to jump-start the economy, European Commission (Brussels) 16 July 2020. Access Date: 22 September 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1336

²³⁵³ EIB provides €35 million to Endesa to install 8,500 EV charging points in Spain, PetrolPlaza (N/A) 30 July 2020.

Access Date: 22 September 2020. <https://www.petrolplaza.com/news/25233>

²³⁵⁴ EIB provides €35 million to Endesa to install 8,500 EV charging points in Spain, PetrolPlaza (N/A) 30 July 2020.

Access Date: 22 September 2020. <https://www.petrolplaza.com/news/25233>

²³⁵⁵ Spain: EIB to provide €95 million to finance 40 climate action projects in Barcelona, European Investment Bank (Brussels) 3 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-215-eib-to-provide-eur95-million-to-finance-40-climate-action-projects-in-barcelona>

²³⁵⁶ Spain: EIB to provide €95 million to finance 40 climate action projects in Barcelona, European Investment Bank (Brussels) 3 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-215-eib-to-provide-eur95-million-to-finance-40-climate-action-projects-in-barcelona>

²³⁵⁷ Spain: EIB to provide €95 million to finance 40 climate action projects in Barcelona, European Investment Bank (Brussels) 3 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-215-eib-to-provide-eur95-million-to-finance-40-climate-action-projects-in-barcelona>

²³⁵⁸ Netherlands: EIB supports Vitens in future-proofing its high-quality water network, European Investment Bank (Brussels) 5 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-217-eib-supports-vitens-in-future-proofing-its-high-quality-water-network>

²³⁵⁹ Netherlands: EIB supports Vitens in future-proofing its high-quality water network, European Investment Bank (Brussels) 5 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-217-eib-supports-vitens-in-future-proofing-its-high-quality-water-network>

On 28 August 2020, the European Commission approved EUR234 million to upgrade about 117km of the Skawina-Zakopane railway line in Southern Poland.²³⁶⁰ The project aims to reduce greenhouse gas emissions and to provide easier access to people with reduced mobility.²³⁶¹

On 31 August 2020, the European Investment Bank invested EUR650 million into the Kanpur City Rail in India.²³⁶² The aim of this investment is to provide green, safe, fast and affordable public transport to the people of Kanpur.²³⁶³

On 31 August 2020, the European Investment Bank and UniCredit Bank Austria provided a total funding of EUR107.4 million to finance the development of Austria's largest wind farms.²³⁶⁴ The aim of this investment is to promote clean energy to reach the goals of the European Green Deal and achieve climate neutrality by 2050.²³⁶⁵ The wind farm will have capacity of 143 MW, providing around 90,000 households with electricity produced from renewable energy sources.²³⁶⁶

On 1 September 2020, the European Investment Bank provided EUR264 million to aid in the construction of a 31 km section of the A49 motorway.²³⁶⁷ It is stated that this contribution will help in providing an efficient network for electric-fueled vehicles, resulting in the reduction of carbon emissions.²³⁶⁸

On 8 September 2020, the European Commission approved an investment of EUR80 million to build a tunnel and two viaducts as part of a wider plan to create a second additional railway track in Slovenia between the port of Koper and the village of Divača.²³⁶⁹ This project aims to benefit

²³⁶⁰ Cohesion Policy invests in sustainable transport in Poland, European Investment Bank (Brussels) 28 August 2020. Access Date: 22 September 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/08/28-08-2020-cohesion-policy-invests-in-sustainable-transport-in-poland

²³⁶¹ Cohesion Policy invests in sustainable transport in Poland, European Investment Bank (Brussels) 28 August 2020. Access Date: 22 September 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/08/28-08-2020-cohesion-policy-invests-in-sustainable-transport-in-poland

²³⁶² India: Green, safe and affordable public transport for Kanpur as EIB invests €650 million into city metro rail, European Investment Bank (Brussels) 31 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-230-green-safe-and-affordable-public-transport-for-kanpur-as-eib-invests-eur650-million-into-city-metro-rail>

²³⁶³ India: Green, safe and affordable public transport for Kanpur as EIB invests €650 million into city metro rail, European Investment Bank (Brussels) 31 August 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-230-green-safe-and-affordable-public-transport-for-kanpur-as-eib-invests-eur650-million-into-city-metro-rail>

²³⁶⁴ EIB and UniCredit Bank Austria finance development of one of Austria's largest wind farms, European Investment Bank (Brussels) 31 August 2020. Access Date: 22 September 2020. https://ec.europa.eu/info/news/eib-and-unicredit-bank-austria-finance-development-one-austrias-largest-wind-farms-2020-aug-31-0_en

²³⁶⁵ EIB and UniCredit Bank Austria finance development of one of Austria's largest wind farms, European Investment Bank (Brussels) 31 August 2020. Access Date: 22 September 2020. https://ec.europa.eu/info/news/eib-and-unicredit-bank-austria-finance-development-one-austrias-largest-wind-farms-2020-aug-31-0_en

²³⁶⁶ EIB and UniCredit Bank Austria finance development of one of Austria's largest wind farms, European Investment Bank (Brussels) 31 August 2020. Access Date: 22 September 2020. https://ec.europa.eu/info/news/eib-and-unicredit-bank-austria-finance-development-one-austrias-largest-wind-farms-2020-aug-31-0_en

²³⁶⁷ Germany: EIB support for construction of A49 motorway, European Investment Bank (Brussels) 1 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/news/germany-eib-support-for-construction-of-a49-motorway>

²³⁶⁸ Germany: EIB support for construction of A49 motorway, European Investment Bank (Brussels) 1 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/news/germany-eib-support-for-construction-of-a49-motorway>

²³⁶⁹ EU Cohesion policy invests in clean transport in Slovenia, European Investment Bank (Brussels) 8 September 2020. Access Date: 22 September 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/09/09-08-2020-eu-cohesion-policy-invests-in-clean-transport-in-slovenia

Slovenian connectivity, strengthen Slovenia's internal market to lead to greater economic and social cohesion, and to reduce greenhouse gas emissions.²³⁷⁰

On 10 September 2020, the European Investment Bank provided EUR100 million to the Valencia area in Spain for reconstruction and preventive works after extreme weather damages.²³⁷¹ The funding will promote preventive measures to improve the region's climate resilience in an attempt to provide a better response to future weather events.²³⁷²

On 15 September 2020, the European Investment Bank gave a EUR20 million loan to two city housing companies in Poland for the construction of affordable housing units.²³⁷³ This project includes a specific focus on green infrastructure and includes a separate EUR0.8 million loan to finance the integration of green roofs, urban farming plots, rainwater collection systems and other green elements.²³⁷⁴

On 17 September 2020, the European Investment Bank allocated EUR12.6 billion in financing for transport, clean energy, urban development, and COVID-19 resistance.²³⁷⁵ Specifically, this investment includes EUR2.9 billion to improve urban and national sustainable transport, as well as financing to modernize electricity networks and large-scale social housing investments.²³⁷⁶

On 1 October 2020, the EU agreed on a Commission proposal to invest EUR998 million in key European energy infrastructure projects under the Connecting Europe Facility.²³⁷⁷ EUR720 million will be investment in the Baltic Synchronisation Project to improve integration of the electricity markets in Estonia, Latvia, Lithuania and Poland.²³⁷⁸ The other funds will go to a smart electricity

²³⁷⁰ EU Cohesion policy invests in clean transport in Slovenia, European Investment Bank (Brussels) 8 September 2020. Access Date: 22 September 2020. https://ec.europa.eu/regional_policy/en/newsroom/news/2020/09/09-08-2020-eu-cohesion-policy-invests-in-clean-transport-in-slovenia

²³⁷¹ Spain: EIB provides €100 million to Valencia Region for reconstruction and preventive works after extreme weather damage, European Investment Bank (Brussels) 10 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-236-el-bei-facilita-100-millones-de-euros-a-la-comunidad-valenciana-para-la-reconstruccion-y-prevencion-de-danos-provocados-por-las-dana>

²³⁷² Spain: EIB provides €100 million to Valencia Region for reconstruction and preventive works after extreme weather damage, European Investment Bank (Brussels) 10 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-236-el-bei-facilita-100-millones-de-euros-a-la-comunidad-valenciana-para-la-reconstruccion-y-prevencion-de-danos-provocados-por-las-dana>

²³⁷³ Poland: Investment Plan for Europe - EIB supports affordable housing in the city of Szczecin, European Investment Bank (Brussels) 15 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-239-investment-plan-for-europe-poland-eib-supports-affordable-housing-in-the-city-of-szczecin>

²³⁷⁴ Poland: Investment Plan for Europe - EIB supports affordable housing in the city of Szczecin, European Investment Bank (Brussels) 15 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-239-investment-plan-for-europe-poland-eib-supports-affordable-housing-in-the-city-of-szczecin>

²³⁷⁵ EIB approves € 12.6 billion financing for transport, clean energy, urban development and COVID-19 resilience, European Investment Bank (Brussels) 17 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-242-eib-approves-eur-12-6-billion-financing-for-transport-clean-energy-urban-development-and-covid-19-resilience>

²³⁷⁶ EIB approves € 12.6 billion financing for transport, clean energy, urban development and COVID-19 resilience, European Investment Bank (Brussels) 17 September 2020. Access Date: 22 September 2020. <https://www.eib.org/en/press/all/2020-242-eib-approves-eur-12-6-billion-financing-for-transport-clean-energy-urban-development-and-covid-19-resilience>

²³⁷⁷ Investing in new energy infrastructure: Green light for EU grants worth nearly €1 billion, European Commission (Brussels) 2 October 2020. Access Date: 17 November 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1803

²³⁷⁸ Investing in new energy infrastructure: Green light for EU grants worth nearly €1 billion, European Commission (Brussels) 2 October 2020. Access Date: 17 November 2020. https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1803

grid linking Hungary and Slovakia, a CO2 transport project for Belgian and Dutch ports, a Bulgaria-Serbia interconnector to improve security of supply and diversification of gas imports in Southeast Europe, and a study to support the North Sea Wind Power Hub.²³⁷⁹ These projects will contribute to delivering the European Green Deal and meeting the 2030 climate targets.²³⁸⁰

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

²³⁷⁹ Investing in new energy infrastructure: Green light for EU grants worth nearly €1 billion, European Commission (Brussels) 2 October 2020. Access Date: 17 November 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1803

²³⁸⁰ Investing in new energy infrastructure: Green light for EU grants worth nearly €1 billion, European Commission (Brussels) 2 October 2020. Access Date: 17 November 2020.

https://ec.europa.eu/commission/presscorner/detail/en/ip_20_1803