# Global Innovation Index 2021



### Launch of the Global Innovation Index 2021

Monday, September 20, 2021 (13:30-15:30 CEST)

#### **High-level Opening (13:30–13:45)**

Mr. Daren Tang, Director General, World Intellectual Property Organization (WIPO) Special address by H.E. Mr. Iván Duque Márquez, President, Colombia Special address by H.E. Mr. José Ulisses de Pina Correia e Silva, Prime Minister, Cabo Verde Special address by H.E. Mr. Jurin Laksanawisit, Deputy Prime Minister and Minister of Commerce, Thailand

#### Presentation of the 2021 GII Results (13:45-14:00)

**WIPO Secretariat** 

#### Ministerial Statements (14:00-14:30)

H.E. Mr. Wang Zhigang, Minister for Science and Technology, China

H.E. Mr. Sung Wook Moon, Minister for Trade, Industry and Energy, Republic of Korea

H.E. Ms. Karin Keller-Sutter, Federal Councillor, Head, Federal Department of Justice and Police, Switzerland

H.E. Mr. Mustafa Varank, Minister for Industry and Technology, Turkey

H.E. Mr. Ahmad Belhoul Al Falasi, Minister of State for Entrepreneurship and Small and Medium-Sized Enterprises (SMEs), United Arab Emirates

#### Panel on Innovation throughout and post-COVID-19 (14:30–15:00)

Chair: Mr. Daren Tang, Director General, WIPO

Introductory remarks by H.E. Mr. Don Graves, Deputy Secretary of Commerce, United States of America (U.S.)

H.E. Ms. Stina Billinger, State Secretary, Ministry of Enterprise and Innovation, Sweden

Ms. Stacey MacGrath Gifford, Master Inventor, Manager of Materials Discovery, IBM Research, U.S.

Mr. Philippe Dewost, President, Phileos, Advisor for Corporates, Start-ups, and VC funds,

Co-founder Wanadoo, France

#### Panel on (Re)-Designing Innovation Policies and Business Strategies (15:00–15:30)

Chair: Mr. Soumitra Dutta, GII Co-editor, Professor, Cornell University and Portulans Institute

Mr. Michael Miebach, Chief Executive Officer, Mastercard, and GII Advisory Board, U.S.

Ms. Gianna Sagazio, Innovation Director, Brazilian National Confederation of Industry (CNI), Brazil

Mr. İsmail Gülle, Chairman, Turkish Exporters Assembly (TIM), Turkey

Ms. Nagla Rizk, Professor, Department of Economics and Founding Director, Access to Knowledge for Development Center, The American University in Cairo, and GII Academic Network member, Egypt

#### **Closing Remarks**

Mr. Marco M. Alemán, Assistant Director General, IP and Innovation Ecosystems Sector, WIPO



#### **Global Innovation Index 2021**

#### H.E. Mr. Iván Duque Márquez

#### President, Colombia

Lawyer from the Sergio Arboleda University, with major studies in philosophy and humanities, President Iván Duque is an expert in economic issues, with executive studies at Harvard and Master's degrees from Georgetown, in Public Policy Management, and from American University, in Economic Law. He was Head of the Culture, Creativity and Solidarity division of the Inter-American Development Bank (IDB), leading issues of social innovation, entrepreneurship, youth and creative economy. He is the author of the books: IndignAcción, ideas for the Colombia of the future, Monetary sins, Machiavelli in Colombia, Orange effect, The future is at the center, Archeology of my father, and Humanism matters. He also wrote with Felipe Buitrago the book The Orange Economy.



#### H.E. Mr. José Ulisses de Pina Correia e Silva

#### Prime Minister, Cabo Verde

Prime Minister Ulisses has a degree in Business Organization and Management and began his professional career in the banking sector, having worked as Director of the Administration Department of Banco de Cabo Verde. He previously served as Secretary of State for Finance and later Minister for Finance. Elected Member of Parliament for the Movement for Democracy (MpD), he was the leader of its Parliamentary Group. He was also Vice-President of the MpD and Mayor of the City of Praia. As a professor, he lectured at the Jean Piaget University in Praia. He renews in this legislature his mandate as Prime Minister for Cabo Verde.



#### H.E. Mr. Jurin Laksanawisit

#### **Deputy Prime Minister and Minister of Commerce, Thailand**

H.E. Mr. Jurin Laksanawisit serves as Deputy Prime Minister and Minister of Commerce. He has held the positions since July 2019. He also has been chosen to be the Democrat Party Leader since 2019. Prior to the positions, he was Minister for Public Health and Minister of Education. During 1976 to 2005, H.E. Mr. Jurin Laksanawisit held different positions in various fields including Deputy Minister of Commerce, Deputy Minister of Agriculture and Cooperatives, and Minister Attached to the Prime Minister's Office. Since 1986, he has been elected as a Member of the House of Representatives for eleven times.



#### **Ministerial Statements**

#### H.E. Mr. Wang Zhigang

#### Minister for Science and Technology, China

Wang Zhigang, Minister and Secretary of the CPC Leading Group of Ministry of Science and Technology of the People's Republic of China. He studied Management Science and Engineering in Tsinghua University, School of Economics and Management, and obtained a Doctor of Management degree. As a senior engineer, he has long been engaged in scientific research and research management in electronic information systems, software and simulation, reliability and systems engineering. Having held key positions in research institutes and large state-owned enterprises, Minister Wang is not only familiar with scientific research and technology management, but also economics and business management.



#### H.E. Mr. Sung Wook Moon

#### Minister for Trade, Industry and Energy, Republic of Korea

Mr. Moon Sung Wook is currently Minister for the Ministry of Trade, Industry and Energy (MOTIE) of the Republic of Korea. He was Vice Minister for the Office of Government Policy Coordination from May 2020 to May 2021. Prior to his appointment to this position, he served as Deputy Minister for Industry and Enterprise Innovation of MOTIE and subsequently as Vice Governor for Economy of the province of Gyeongsangnam-do. He majored in Economics (B.A.) at Yonsei University in the Republic of Korea and obtained a Master's in Public Policy (M.A.) at Harvard Kennedy School in the U.S.



#### H.E. Ms. Karin Keller-Sutter

# Federal Councillor, Head of the Federal Department of Justice and Police, Switzerland

Karin Keller-Sutter was born in 1963 in the canton of St. Gallen. She began her political career in 1992 as a member of Wil town council. In 1996, she was elected to the cantonal parliament of St. Gallen, and in 2000 entered the cantonal government. In 2011 Karin Keller-Sutter was elected to the Council of States. She has been a member of the Federal Council since 2019 and heads the Federal Department of Justice and Police. Prior to her election to the Swiss government Karin Keller-Sutter held a number of management board positions, including Bâloise Insurance Group ASGA pension fund in St. Gallen, Swiss Retail Federation, and the Swiss Employers Association.



#### H.E. Mr. Mustafa Varank

#### Minister for Industry and Technology, Turkey

Mustafa Varank has been serving as the Minister for Industry and Technology since July 10, 2018. He started to work for the Prime Minister's Office in 2005. He was assigned as the Chief Adviser to the Prime Minister in 2011 and Chief Adviser to the President in 2014. He was also awarded with the title of Ambassador in 2016. He received his Bachelor's Degree from the Department of Political Science and Public Administration at Middle East Technical University. He completed his Master's degree in Computer Science at Indiana University. He also worked as an expert at Florida State University, a researcher and system administrator at the Pervasive Technology Institute of Indiana University.



#### H.E. Mr. Ahmad Belhoul Al Falasi

# Minister of State for Entrepreneurship and Small and Medium-Sized Enterprises (SMEs), United Arab Emirates (UAE)

H.E. Mr. Ahmad Belhoul Al Falasi is the Minister of State for Entrepreneurship and SMEs since July 2020 and he is at the fore of designing national initiatives to strengthen the UAE's SMEs sector. He was the Minister of State for Higher Education; the former Chairman of the Federal Authority for Human Resources; Chairman of the Board of Directors of the UAE Space Agency; CEO of Masdar Company; Executive Director of Strategy and Tourism Sector Development at Dubai Tourism, and Vice-President of the Mubadala Industry Unit. Dr. Al Falasi holds a PhD from Monash University, a Master's degree from the University of Melbourne, and a Bachelor's degree in Communication Engineering from Khalifa University.



#### **Speakers**

#### H.E. Mr. Don Graves

# Deputy Secretary of Commerce, United States of America (U.S.)

Don Graves is the 19th Deputy Secretary of Commerce for the United States. Most recently, Graves served as Counselor to President Joe Biden during the 2020 presidential campaign. Prior to that, Graves served as Executive Vice President and Head of Corporate Responsibility and Community Relations at KeyBank. During the Obama-Biden Administration, Graves served as Counselor and Domestic and Economic Policy Director for then-Vice President Biden. Graves has a rich family history connected to the Commerce Department: his three-times great grandfather became one of the first Black patent-holders in the United States through the U.S. Patent and Trademark Office. Graves holds a Bachelor of Arts in Political Science and History from Williams College and a Juris Doctor from the Georgetown University Law Center.



#### H.E. Ms. Stina Billinger

### State Secretary, Ministry of Enterprise and Innovation, Sweden

Ms. Stina Billinger is State Secretary to the Minister for Business, Industry and Innovation, responsible for matters relating to entrepreneurship, innovation, and state-owned companies. She has held her position as State Secretary at the Ministry of Enterprise since 2018. Before that, she was head of planning at the same ministry, Head of Sustainability at Storebrandkoncernen and SPP Livförsäkring. Ms. Billinger has studied media and communication science and practical rhetoric at Stockholm University.



#### Ms. Stacey MacGrath Gifford, Ph.D

## Master Inventor, Manager of Material Discovery, IBM Research, U.S.

Dr. Stacey Gifford is an IBM Research Manager and Master Inventor co-leading Materials Discovery for the Future of Climate. Her research focuses on leveraging artificial intelligence (AI) to accelerate the discovery of new materials for carbon capture and storage and building partnerships to scale this technology. She is also passionate about addressing gender and racial inequities in the tech sector. Stacey joined IBM Research in 2014 applying nanofluidics to molecular detection. She earned her Ph.D. in 2013 from Yale University in Molecular Biochemistry and Biophysics and her B.S. in 2007 from Rensselaer Polytechnic Institute in Biochemistry and Biophysics.



#### Mr. Philippe Dewost

# President of Phileos, Advisor for Corporates, Startups, and VC funds. Co-founder of Wanadoo and "La French Tech" Godfather, France

Since the start of Wanadoo, Europe's premier internet service provider, Philippe Dewost has been successfully launching consumer services, software startups, technology ecosystems, and corporate transformation programs. His innovation-driven expertise spans across the private and public sectors, where he serves as a senior advisor and is recognized as an inspiring speaker. He is writing a book on the lessons we shall have learned from these past 25 years in tech.



#### Mr. Michael Miebach

#### Chief Executive Officer, Mastercard, U.S.

Michael Miebach is Chief Executive Officer of Mastercard and a member of the company's board of directors. He is leading the company into a more digital world where the continued application of new technologies will further enable payments to become more seamless in the overall purchasing experience, while bolstering cyber services and data-powered insights. Michael joined Mastercard in 2010 to lead its Middle East and Africa operations, where he helped shape and advance the company's financial inclusion efforts with targeted solutions for governments and their citizens across the region. Over the past five years, first as Chief Product Officer and then President, Michael was critical to setting the strategy that transformed the company's offerings from a consumer card-centric business to a platform supporting choice in how businesses, people and governments make payments.



#### Ms. Gianna Sagazio

# Innovation Director, Brazilian National Confederation of Industry (CNI), Brazil

As Innovation Director of CNI, Gianna is the executive coordinator of MEI and CNI-SOSA Open Innovation partnership. She is a member of National Board of Science and Technology; FINEP Advisory Board; CGEE Board of Directors; Management Committee of Innovation Room; ABC National Coordination Commission; Consultative Committee of Embrapii Network for Innovation in Artificial Intelligence; SINDIPEÇAS Inova Professional Council member; Advisory Board of Global Innovation Academic Network of Portulans Institute; and ENRICH Advisory Board. Previously, she worked at BNDES, UN and Fundação Dom Cabral. Gianna is an economist, with Master's in Economic Development, certified by Wharton School University in Strategy and Innovation and attended Entrepreneurship Development Program at MIT Sloan School of Management.



#### Mr. İsmail Gülle

#### Chairman, Turkish Exporters Assembly, Turkey

Born in Sivas in 1960, Mr. İsmail Gülle graduated from İstanbul Technical University, Faculty of Electrical Engineering and obtained an MBA from Istanbul University Business Administration Institute. In 1970, he became the Chairman of the Board of Directors of Gülle Entegre Tekstil İşletmeleri A.Ş. Between 2003 and 2018, he acted as Chairman of Istanbul Textile and Carpet Exporters' Association, Member of Sectors' Council at Turkish Exporters Assembly, and Vice President at Istanbul Chamber of Industry. Elected as Chairman of Turkish Exporters Assembly (TİM) in 2018, he holds the positions of Member of Eximbank, Vice President of DEİK, Chairman of Textile and Raw Materials' Sector Board. İsmail Gülle is married with two children.



#### Ms. Nagla Rizk

Professor, Department of Economics and Founding Director, Access to Knowledge for Development Center, The American University in Cairo, and GII Academic Network member, Egypt

Dr. Rizk's teaching, research and advocacy focus on advancing the critical role of knowledge and technology as drivers for human development. Framed within the "access to knowledge" paradigm, her research interests lie in the economics of knowledge, technology and inclusive development. Rizk studies digital platforms, entrepreneurship, innovation, data, intellectual property and business models in the digital economy, particularly in the age of the Fourth Industrial Revolution, with focus on their role in promoting development in Egypt, the Arab world and Africa. In her work as founding director of the Access to Knowledge for Development Center (A2K4D), she is engaged with regional and international partners in policy- oriented research that focuses on the developmental perspective of knowledge in general and knowledge governance in particular. Nagla represents the American University in Cairo as founding Academic Network member in the GII.

