WORLD ECONOMIC FORUM

COMMITTED TO IMPROVING THE STATE OF THE WORLD

Global Agenda

Sustainable Development Impact Summit 2018

New York, USA 24-25 September

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REF 121018

Preface

W. Lee Howell
Head of Global Programming,
Member of the Managing Board

Dominic Waughray
Head of Centre for Global Public Goods,
Member of the Managing Board

Terri Toyota
Deputy Head of Centre for Global Public Goods,
Member of the Executive Committee

The World Economic Forum's Sustainable Development Impact Summit 2018 was dedicated to accelerating progress towards the achievement of the Sustainable Development Goals and the Paris Climate Agreement commitments. The summit's interactive sessions engaged business, government, civil society and academic leaders to think practically and strategically about how public-private cooperation and innovation could have a larger systemic impact in the areas in which they work.

This year, over 100 multistakeholder coalitions were represented at the summit in what was arguably the world's biggest multistakeholder "accelerator" to advance action and scale innovation on collaborations for sustainable development and climate change. Participants were given the opportunity to further explore each of these coalitions using an interactive widget, as well as being able to examine interconnections and intersections using a digital Transformation Map – one of the Forum's many digital tools.

Held alongside the UNGA week in New York, the summit focused on four pillars that served as the foundation for building an engaging programme: Securing the Global Commons; Building Sustainable Markets; Mobilizing Finance; and Harnessing Science and Technology for All.

120 Ministers, senior officials and representatives of international organizations, over 200 civil society, research organizations and project experts, and more than 80 Global Shapers, Social Entrepreneurs and Young Global Leaders joined over 300 chief executive officers and senior businesses executives. In more than 40 interactive sessions across the two days, representatives from across the world contributed towards advancing the 2030 agenda.

This report captures many of the most significant outcomes of the summit, which is intended to serve as an ongoing process to strengthen the implementation of the Sustainable Development Goals and Paris Climate Agreement through multistakeholder alliances, coalitions and partnerships, and is now an established annual meeting for the Forum alongside its Annual Meeting in Davos-Klosters, the Annual Meeting of the New Champions in China and the Annual Meeting of the Global Future Councils in the United Arab Emirates.

We wish to express our appreciation to the five distinguished Co-Chairs for their commitment and leadership. We also thank the Conrad N. Hilton Foundation for its continued and generous support as well as Forum staff members for their remarkable dedication and professionalism in bringing the summit to fruition.

Finally, we thank the more than 700 participants for their spirit of collaboration and passion to convert aspiration into practical action and achievable outcomes. This approach – entrepreneurialism in the global public interest – lies at the heart of the World Economic Forum and makes a noteworthy contribution to the efforts of the international community towards the 2030 agenda.

"The implementation of the Sustainable Development Goals is an absolute must to ensure a peaceful and prosperous future for humankind. Both governments and business have a key role to play in providing the know-how and the technologies to reach the objective in more efficient and innovative ways."

Klaus Schwab, Founder and Executive Chairman, World Economic Forum

Meeting highlights

The meeting in numbers

More than **700** participants from **70** countries

Social media reach of over **10.4** million people

More than **120** public figures, representing **47** countries, including **4** heads of state/ government

More than **80** young leaders, including Global Shapers, Social Entrepreneurs and Young Global Leaders

Over **300** business participants

More than **85** participants are leaders in media, civil society and academia

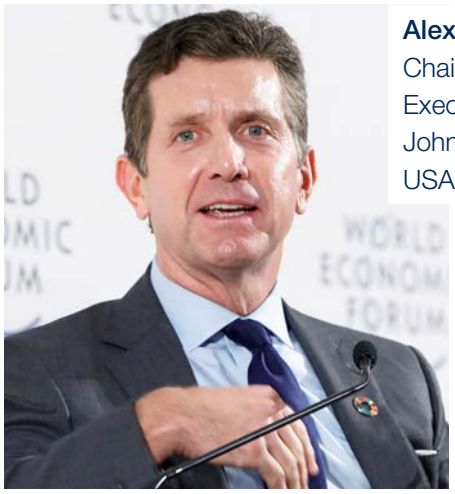
Over **100** coalitions represented

TopLink

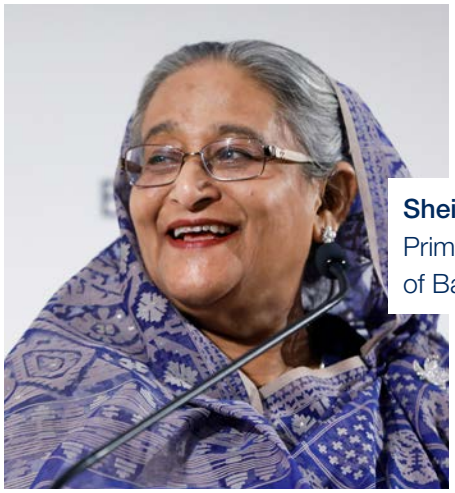
For session highlights, blogs, videos and meeting-related documents, plus Forum insights, visit https://toplink.weforum.org/

Co-Chairs

The World Economic Forum would like to express its gratitude and thanks to the Co-Chairs of the Sustainable Development Impact Summit 2018

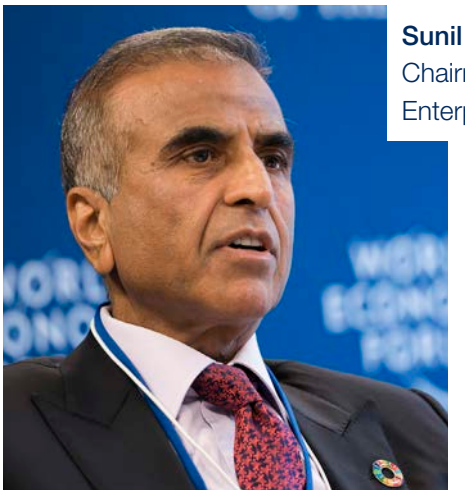


Alex Gorsky, Chairman and Chief Executive Officer, Johnson & Johnson, USA

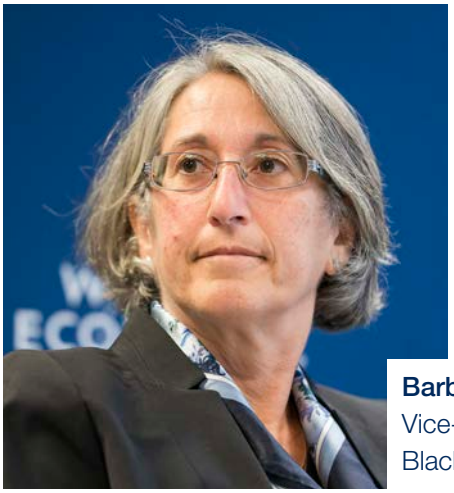


Sheikh Hasina, Prime Minister of Bangladesh

Lars Løkke Rasmussen, Prime Minister of Denmark



Sunil Bharti Mittal, Chairman, Bharti Enterprises, India



Barbara Novick, Vice-Chairman, BlackRock, USA

Sustainable Development Impact Summit programme

Securing the global commons

Building sustainable markets

Mobilizing finance

Harnessing science and technology for all

Monday
24 September

08.15 - 09.45 Workshop
Creating a New Vision for Electronics
E-waste is expected to grow to 50 million tons by the end of 2018 but only 15%-20% is recycled. The aim of this workshop is to bring together stakeholders from across the electronics value chain to accelerate the recovery of electronic components in a closed-loop supply chain.

This session supports the ongoing work of the African Circular Economy Alliance, United Nations E-waste Alliance, Capital Equipment Pledge and the World Economic Forum's Platform for Accelerating the Circular Economy.

Discussion Leaders
Bas van Abel, Chief Executive Officer, Fairphone, Netherlands
Vincent Biruta, Minister of Environment of Rwanda
Gemedo Dale, Minister of Environment , Forest and Climate Change of Ethiopia
Robert Metzke, Chief of Staff, Innovation and Strategy; Head, Sustainability, Royal Philips, Netherlands
Holy Ranaivozanany, Head, Corporate Social Responsibility, Huawei Technologies, People's Republic of China
Guy Ryder, Director-General, International Labour Organization (ILO), Geneva
Daniel Schmid, Chief Sustainability Officer, SAP, Germany
Erik Solheim, Executive Director, United Nations Environment Programme (UNEP), Nairobi

Facilitated by
Jaime Nack, President and Founder, Three Squares, USA; Young Global Leader

08.15 - 09.45 Workshop
Advancing Blockchain Solutions for the SDGs
The business value added by blockchain is expected to exceed $3.1 trillion by 2030, offering a new infrastructure for transactions that could build trust through radical transparency. This session aims to explore the pilot projects using blockchain to achieve the SDGs and partnerships for scale.

This session supports the ongoing work of the Earth Bank of Codes, Energy Blockchain Project, Global Battery Alliance, and the World Economic Forum's Partnering Against Corruption Initiative.

Discussion Leaders
Diego Arisi, Lead Specialist, Modernization of State, Institutions for Development Sector, Institutional Capacity of State Division, Inter-American Development Bank, Bogota
Juan Carlos Castilla-Rubio, Chairman, Space Time Ventures, Brazil
Marco Gazzino, Head, Innovation & Product Lab, Enel X, Enel, Italy
Jonquil Hackenberg, Consulting Partner, Infosys, United Kingdom
Leanne Kemp, Chief Executive Officer and Founder, Everledger, United Kingdom
Douglas Miller, Manager, Origin Market Engagement and Regulatory Affairs, Energy Web Foundation, Switzerland
Robyn Seetal, Principal, Natural Capital Solutions, Canada
David Treat, Managing Director, Global Blockchain Lead, Accenture, USA

Facilitated by
Catherine Cheney, West Coast Correspondent, Devex, USA

08.15 - 09.45 Workshop
Catalysing Action for the Oceans
The world's coral reefs generate close to $30 billion of global value each year in goods and services, yet at the current rate of pollution, overfishing and climate change, 90% will disappear by 2050. The aim of this workshop is to profile strategies to create sustainable ocean economies and trigger new areas of work in the lead-up to 2020.

This session supports the ongoing work of the High-Level Panel on Sustainable Ocean Economy and the World Economic Forum's Friends of Ocean Action.

Discussion Leaders
Helena Barton, Partner, Global Sustainability Services and Strategic Risk, Deloitte, Denmark
Maria Damanaki, Global Managing Director, Oceans, Nature Conservancy, USA
Meagan Fallone, Chief Executive Officer, Barefoot College, India
Vidar Helgesen, Special Envoy for the Ocean of the Government of Norway
Olav Kjørven, Chief Strategy Officer, EAT Foundation, Norway
David Lear, Vice-President, Sustainability, Dell Technologies, USA
Laura Liswood, Secretary-General, Council of Women World Leaders, USA
Jane Lubchenco, Distinguished University Professor; Marine Studies Adviser to the President, Oregon State University, USA
Frederic Michel, Group Director, Impact Investment and Ocean Ventures, Sky, United Kingdom
Peter Thomson, United Nations Secretary-General's Special Envoy for the Ocean, New York

Facilitated by
José María Figueres, Managing Partner, IJ Partners, Switzerland

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08.15 - 09.45 Workshop
Partnering for Digital Intelligence (DQ)
In 2016, the United Nations declared online freedom to be a human right; and yet, digital literacy levels remain low in many developing countries. The aim of this workshop is to profile collaborative frameworks and curricula to increase digital intelligence today and in the future.

This session supports the ongoing work of the DQ Initiative and the Coalition for Digital Intelligence.

Discussion Leaders
Amanda Cumberland, Head of Strategic Insights, Corporate Affairs, Cisco, USA
Janet Longmore, Founder and Chief Executive Officer, Digital Opportunity Trust (DOT), Canada
Karen McCabe, Senior Director, Technology Policy and International Affairs, IEEE, USA
Matthew Opoku Prempeh, Minister of Education of Ghana
Park Yuhyun, Founder and Chief Executive Officer, DQ Institute, Singapore; Young Global Leader
Gabriela I. Ramos Patiño, Special Counsellor to the Secretary-General; Chief of Staff; Sherpa to the G20, Organisation for Economic Co-operation and Development (OECD), Paris
Andria Zafirakou, Teacher, Arts and Textile, Alperton Community School, United Kingdom

Facilitated by
Lara Setrakian, Chief Executive Officer and Executive Editor, News Deeply, USA; Young Global Leader

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08.15 - 09.45 Workshop
Harnessing Geospatial Data for Development
With 620 active Earth observation satellites in space, geospatial data is increasingly sought after as a tool to guide decision-making. However, it is often inaccessible, fragmented or outdated. The aim of this workshop is to outline common protocols and innovations that can support the sharing of near real-time geospatial and geo-tagged data for better decision-making.

This session supports the ongoing work of DataCube, the Earth Genome, the Logistics Emergency Team and the World Economic Forum's EarthTime platform.

Discussion Leaders
Nazir Foead, Head, Peatland Restoration Agency, Republic of Indonesia, Indonesia
Stuart Minchin, Chief, Environmental Geoscience Division, Geoscience Australia, Australia
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA
Suzana Padua, Co-Founder and President, IPE - Instituto de Pesquisas Ecológicas, Brazil
Ishmael Sunga, Chief Executive Officer, Southern African Confederation of Agricultural Unions (SACAU), South Africa
Julian Whitehead, Executive Vice-President; Head, Finance, Airbus Defence and Space, Germany

Facilitated by
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

10.00 - 11.00 Plenary Session
Building Sustainable Markets
What is needed for a transformation to a sustainable marketplace?

This session will be livestreamed on TopLink and the Forum website.
Winnie Byanyima, Executive Director, Oxfam International, Kenya

Monday
24 September

Securing the global commons | Building sustainable markets | Mobilizing finance | Harnessing science and technology for all

David W. MacLennan, Chairman and Chief Executive Officer, Cargill, USA
Barbara Novick, Vice-Chairman, BlackRock, USA
Lars Løkke Rasmussen, Prime Minister of Denmark

Chaired by
Børge Brende, President; Member of the Managing Board, World Economic Forum

Opening Remarks by
Bill De Blasio, Mayor of New York City, USA
Klaus Schwab, Founder and Executive Chairman, World Economic Forum; Young Global Leader

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11.00 - 11.15 Plenary Session
Social Entrepreneur of the Year Award Ceremony
The Schwab Foundation announces the 2018 Social Entrepreneurs of the Year.

This session will be livestreamed on TopLink and the Forum website.

Welcoming Remarks by
Hilde Schwab, Chairperson and Co-Founder, Schwab Foundation for Social Entrepreneurship, Switzerland

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11.30 - 11.45 Discussion Group
Knowledge Lab
Visit the Knowledge Lab to learn more about the World Economic Forum's dynamic knowledge tools and discover our latest innovations in collaboration with Carnegie Mellon University (CMU). Stop by and find out how to use data to explain complex global phenomena.

With
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA

11.30 - 13.00 Workshop
Designing Future-Ready Education Systems
It is estimated that around 35% of the skills needed for jobs will change by 2020. As technological advances and socio-economic changes disrupt labour markets, new actions are needed to close the education and skills gap. The aim of this session is to identify pathways to scale up the most promising approaches to shape future-ready education and training ecosystems.

This session supports the ongoing work of the Education Data Solutions Roundtable and the World Economic Forum's Closing the Skills Gap Task Forces.

Discussion Leaders
Alice Albright, Chief Executive Officer, Global Partnership for Education, USA
Amanda Gardiner, Vice-President, Global Sustainability and Social Innovation, Pearson, USA
John Goodwin, Chief Executive Officer, LEGO Foundation, Denmark
Tariq Al Gurg, Chief Executive Officer, Dubai Cares, United Arab Emirates
Ruth Harper, Vice-President, Global Strategic Communications, ManpowerGroup, USA
Reema Nanavaty, Executive Director, Self-Employed Women's Association (SEWA), India
Simone Niven, Group Executive, Corporate Relations, Rio Tinto, United Kingdom
Vikas Pota, Chairman of the Board, Varkey Foundation, United Kingdom; Young Global Leader

Facilitated by
Justine Cassell, Associate Dean, Technology, Strategy and Impact, School of Computer Science, Carnegie Mellon University, USA

11.30 - 13.00 Workshop
Advancing Good Digital Identity
There are more than 1.5 billion people without a legal identity, and digital identity can enable the verification of individuals, goods and devices, access to services and traceability in supply chains; yet, today's efforts are falling short of providing good digital identity. The aim of this workshop is to advance collaboration on a "good" digital identity for all.

This session supports the work of ID2020, Identification for Development (ID4D), the Internet Identity Workshop and the World Economic Forum's Platform for Good Digital Identity.

Discussion Leaders
Thea Anderson, Director, Investments, Digital Identity Initiative, Omidyar Network, USA
Mitchell Baker, Executive Chairwoman of the Board, Mozilla, USA
Kelly Clements, United Nations Deputy High Commissioner for Refugees, Geneva
Vyjayanti Desai, Programme Manager, Identification for Development, World Bank, Washington DC
John Giusti, Chief Regulatory Officer, GSMA, United Kingdom
Neal Keny-Guyer, Chief Executive Officer, Mercy Corps, USA
Jan Kimpen, Chief Medical Officer, Royal Philips, Netherlands
Vivek Maru, Chief Executive Officer, Namati, USA
David Treat, Managing Director, Global Blockchain Lead, Accenture, USA

Facilitated by
Nicholas Thompson, Editor-in-Chief, Wired Magazine, USA

11.30 - 13.00 Workshop
Rewiring Water Security
In many countries across Africa and Asia, GDP could decline by 6% by 2050 due to water scarcity. The aim of this workshop is to showcase new technology-enabled

solutions for water security and discuss opportunities to harness the Fourth Industrial Revolution to build economic resilience as climates changes.

This session supports the ongoing collaboration between the World Bank Water Global Practice and the World Economic Forum's Global Water Initiative. It is supported by the Swiss Agency for Development and Cooperation to build a Water Security Rewired Platform.

Discussion Leaders
Solomon Assefa, Vice-President, IBM Research Africa, South Africa; Young Global Leader
Karin Krchnak, Programme Manager, 2030 Water Resources Group, USA
Glen Low, Co-Founder, Earth Genome, USA
Samantha Medlock, Senior Vice-President; Head, North America Capital, Science and Policy, Willis Towers Watson, USA
Stuart Minchin, Chief, Environmental Geoscience Division, Geoscience Australia, Australia
Ann Rosenberg, Senior Vice-President and Global Head, SAP Next-Gen, SAP, USA
Jennifer Sara, Director, Water Global Practice, World Bank, Washington DC
Jairo Trad, Chief Executive Officer, Kilimo, Argentina

Facilitated by
Joel Makower, Chairman and Executive Editor, GreenBiz, USA

11.30 - 13.00 Workshop
Partnering for Green Economic Growth
Moving to a green economy is estimated to create 18 million jobs by 2030. The aim of this session is to showcase working models of green growth development and explore opportunities for public-private cooperation in their delivery.

This session supports the ongoing work of the Partnering for Green Growth and the Global Goals 2030 (P4G) coalition.

Discussion Leaders
Gemedo Dale, Minister of Environment , Forest and Climate Change of Ethiopia
Karin Finkelston, Vice-President, Partnerships, Communications and Outreach, International Finance Corporation, Washington DC
Ana Hajduka, Founder and Chief Executive Officer, Africa GreenCo, United Kingdom
Martin Bille Hermann, State Secretary for Development Policy, Ministry of Foreign Affairs of Denmark
David Miller, Director, North America, C40 Cities Climate Leadership Group, United Kingdom
Torben Möger Pedersen, Chief Executive Officer, PensionDanmark, Denmark
Frank Rijsberman, Director-General, Global Green Growth Institute (GGGI), Republic of Korea

Facilitated by
Andrew Steer, President and Chief Executive Officer, World Resources Institute, USA

11.30 - 13.00 Workshop
Advancing the SDGs through Philanthropic Partnerships
Total worldwide funding for the SDGs from foundations alone account for over $49.8 billion. The aim of this workshop is to showcase and scale philanthropic partnerships to enhance delivery of the SDGs.

This session supports the ongoing work of Co-Impact and the SDG Philanthropy Platform.

Discussion Leaders
Heather Grady, Vice-President, Rockefeller Philanthropy Advisors, USA
Maysa Jalbout, Chief Executive Officer, Abdulla Al Ghurair Foundation for Education, United Arab Emirates
Sicily Kariuki, Cabinet Secretary for Health of Kenya
Olivia Leland, Founder and Chief Executive, Co-Impact, USA; Young Global Leader
Niels Lund, Vice-President, Health Advocacy, Novo Nordisk, Denmark
Precious Moloi-Motsepe, Deputy Chairman and Chief Executive Officer, Motsepe Foundation, South Africa
Yves Moury, Founder, President and Chief Executive Officer, Fundación Capital - FundaK, Colombia

Facilitated by
Peter Laugharn, President and Chief Executive Officer, Conrad N. Hilton Foundation, USA

13.00 - 13.45 Community Lunch
Community Lunch
The food and beverages served here have been chosen to meet the highest standards of sustainability.

These include:
- Local sourcing (80% of ingredients are sourced within a 100-mile radius)
- Social impact (the Table for Two healthy menu supports the provision of a school meal in a region in need; leftovers are donated to a food-rescue organization)
- Avoiding single-use of plastic (all food containers are 100% compostable and biodegradable)
- Reducing waste (reusable water bottles can be refilled at water stations)

13.45 - 14.00 Discussion Group
Knowledge Lab
Visit the Knowledge Lab to learn more about the World Economic Forum's dynamic knowledge tools and discover our latest innovations in collaboration with

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Carnegie Mellon University (CMU). Stop by and find out how to use data to explain complex global phenomena.

13.45 - 14.15 Issue Briefing
How to Save Democracy
With politics and societies around the world becoming ever more polarized and truth distorted, how can social and digital activism help to save democracy?

Join this issue briefing to learn how to develop partnerships to ensure the basic social fabric of societies and avert business risks.

Michael J. Abramowitz, President, Freedom House, USA
Jeanne Bourgault, President, Internews, USA
Lindiwe Mazibuko, Co-Founder and Executive Director, Apolitical Foundation, South Africa; Young Global Leader
Moderated by
Heba Aly, Director, IRIN, Switzerland; Young Global Leader

13.45 - 15.15 Spotlight
Mobile Technology for Development with the Schwab Foundation Social Entrepreneurs
From green smartphones to reuniting refugees, discover how mobile technology is facilitating social cohesion and green growth.

This session puts a spotlight on:
- Designing minimal-impact smartphones
- Driving an inclusive economy through financial services
- Geo-referencing access to clean water and sanitation
- Reuniting forcibly displaced people

Discussion Leaders
Bas van Abel, Chief Executive Officer, Fairphone, Netherlands
Eleanor Allen, Chief Executive Officer, Water For People, USA
David Mikkelsen Troensegaard, Co-Founder and Co-Chief Executive Officer, Refugees United (REFUNITE), USA
Mike Quinn, Chief Executive Officer, Zoona, Zambia

Facilitated by
Rumaitha Al Busaidi, Communications Manager, Middle East, GlassPoint Solar, Oman

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13.45 - 15.15 Workshop
Leveraging Technologies for Inclusive Growth
The Fourth Industrial Revolution is expected to create up to $3.7 trillion in value by 2025 and its technologies pose both risks and opportunities for emerging economies. The aim of this workshop is to explore innovative strategies, governance models and partnerships to harness the Fourth Industrial Revolution for sustainable, human-centred and inclusive growth.

The session supports the ongoing work of the Pathways for Prosperity Commission on Technology and Inclusive Development and the World Economic Forum's work on Accelerating Sustainable Development in the Fourth Industrial Revolution.

Discussion Leaders
Rafat Al-Akhali, Fellow of Practice, Strategic Projects, Blavatnik School of Government, University of Oxford, United Kingdom; Young Global Leader
Meagan Fallone, Chief Executive Officer, Barefoot College, India
Arjan de Haan, Director, Inclusive Economies, International Development Research Centre (IDRC), Canada
David Lear, Vice-President, Sustainability, Dell Technologies, USA
Liu Zhenmin, Undersecretary-General for Economic and Social Affairs, United Nations, New York
Precious Moloi-Motsepe, Deputy Chairman and Chief Executive Officer, Motsepe Foundation, South Africa
Abeer Odeh, Minister of National Economy of the Palestinian National Authority
Holy Ranaivozanany, Head, Corporate Social Responsibility, Huawei Technologies, People's Republic of China

Facilitated by
Gustau Alegret, Director, US News, NTN24, USA

13.45 - 15.15 Workshop
Advancing the Action Agenda for Nature
Although the world's 7.6 billion people represent just 0.01% of all living things, human beings have caused the loss of 80% of all wild mammals and half of all plants. The aim of this session is to outline an action agenda for better stewardship of nature, building towards the 2020 COP15 in Beijing.

This session supports the ongoing work of the Convention on Biological Diversity and a multi-stakeholder effort towards increasing ambition and advancing progress towards "A New Deal for Nature".

Discussion Leaders
Peter Bakker, President and Chief Executive Officer, World Business Council for Sustainable Development (WBCSD), Switzerland
Juan Carlos Castilla-Rubio, Chairman, Space Time Ventures, Brazil
Vidar Helgesen, Special Envoy for the Ocean of the Government of Norway
Svein Tore Holsether, President and Chief Executive Officer, Yara International, Norway
Marco Lambertini, Director-General, WWF International, Switzerland
Cristiana Pasca Palmer, Executive Secretary, Convention on Biological Diversity, Montreal
Nigel Topping, Chief Executive Officer, We Mean Business Coalition, United Kingdom

Facilitated by
Manuel Pulgar-Vidal Otalora, Leader, Climate and Energy Practice, WWF International, Switzerland

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13.45 - 15.15 Workshop
Realizing Universal Health Coverage
At least half the world's population still do not have full coverage of essential health services and every year over 100 million people are forced into extreme poverty because they have to pay for out-of-pocket health expenses. The aim of this workshop is to identify new opportunities to harness technology in accelerating high-quality and cost-effective universal health coverage.

This session supports the ongoing work of the International Health Partnership for UHC2030.

Discussion Leaders
Shelly Batra, Co-Founder and President, Operation ASHA - Fighting Tuberculosis Worldwide, India
Tim Evans, Senior Director, Global Practice for Health Nutrition and Population, World Bank, Washington DC
Githinji Gitahi, Group Chief Executive Officer, Amref Health Africa, Kenya
Ilona Kickbusch, Director, Global Health Centre; Adjunct Professor, Interdisciplinary Programmes, Graduate Institute of International and Development Studies, Switzerland
Jan Kimpen, Chief Medical Officer, Royal Philips, Netherlands
Mitoha Ondo'o Ayekaba, Vice Minister of Health and Social Affairs of Equatorial Guinea
Vivian Tan, Vice-President, Strategy and Transformation, Kaiser Permanente, USA

Facilitated by
Steve Davis, President and Chief Executive Officer, PATH, USA

13.45 - 15.15 Workshop
Creating Value for the Long Term
Rising interest rates put pressure on corporates to maintain a long-term perspective in a fast-changing world. The aim of this workshop is to explore how executives can better work with their actively engaged investors to develop and maintain a long-term value proposition.

This session supports the ongoing work of the World Economic Forum's Compact for Responsive and Responsible Leadership.

Discussion Leaders
Reidar Gjærum, Executive Vice-President, Corporate Communication, Equinor, Norway
Alison Martin, Group Chief Risk Officer, Zurich Insurance Group, Switzerland
Manuel Rybach, Global Head, Public Affairs and Policy; Global Head, Corporate Citizenship, Credit Suisse Group, Switzerland
Jeffrey Ubben, Founder and Chief Executive Officer, ValueAct Capital, USA
Andrew S. Weinberg, Founder and Managing Partner, Brightstar Capital Partners, USA
Gavin E.R. Wilson, Commissioner, Business and Sustainable Development Commission, United Kingdom

Facilitated by
Gillian R. Tett, Managing Editor, US, Financial Times, USA

14.30 - 15.30
Plenary Session
Tackling the Security-Development Nexus
In a deeply unstable geopolitical environment, how can security strategies be better aligned with development objectives?

This session was developed in partnership with Deutsche Welle TV.
Bineta Diop, Founder and President, Femmes Africa Solidarité, Switzerland
Kristalina Georgieva, Chief Executive Officer, World Bank, Washington DC
Thomas Greminger, Secretary-General, Organization for Security and Co-operation in Europe (OSCE), Vienna
Luis Alberto Moreno, President, Inter-American Development Bank, Washington DC

Chaired by
Sarah Kelly, Anchor-at-Large, Deutsche Welle, USA

15.15 - 15.45 Community Break
Community Break

15.45 - 17.15 Workshop
Feeding the Planet Sustainably and Nutritiously
By 2050, the world will need to sustainably and nutritiously feed more than 9 billion people while providing economic opportunities both in rural and urban communities. The aim of this workshop is to build consensus on rapidly scalable approaches to improving food systems to be more sustainable, inclusive, efficient, nutritious and healthy.

This session supports the ongoing work of the EAT Foundation, the World Business Council for Sustainable Development, the Food and Land Use Coalition and the World Economic Forum's Food Systems Dialogues.

Discussion Leaders
Peter Bakker, President and Chief Executive Officer, World Business Council for Sustainable Development (WBCSD), Switzerland
Beth Dunford, Assistant to the Administrator, Bureau for Food Security; Deputy Coordinator, Development, Feed the Future, USAID - US Agency for International Development, USA
Svein Tore Holsether, President and Chief Executive Officer, Yara International, Norway

Monday
24 September

Securing the global commons | Building sustainable markets | Mobilizing finance | Harnessing science and technology for all

Gilbert Fossoun Houngbo, President, International Fund for Agricultural Development (IFAD), Rome
Ibrahim Assane Mayaki, Chief Executive Officer, NEPAD Planning and Coordinating Agency, Johannesburg
Jeremy Oppenheim, Founding Partner, SYSTEMIQ LTD
Paul Polman, Chief Executive Officer, Unilever, United Kingdom
Manuel Pulgar-Vidal Otalora, Leader, Climate and Energy Practice, WWF International, Switzerland
Gunhild Anker Stordalen, Founder and Executive Chair, EAT Foundation, Norway; Young Global Leader
Ishmael Sunga, Chief Executive Officer, Southern African Confederation of Agricultural Unions (SACAU), South Africa
Feike Sybesma, Chief Executive Officer and Chairman of the Managing Board, Royal DSM, Netherlands

Facilitated by
David Nabarro, Director, 4SD, Switzerland

15.45 - 17.15 Workshop
Accelerating Investment in Health
Promoting good health and well-being for everyone, at all ages, will require annual investment to more than double to $371 billion by 2030. The aim of this workshop is to showcase innovative financing models and tracking tools to expand global investment in health.

This session supports the ongoing work of the Accelerator for Impact and the Global Financing Facility.

Discussion Leaders
Michèle Boccoz, Assistant Director-General for External Relations, World Health Organization (WHO), Geneva
Lucica Ditiu, Executive Director, Stop TB Partnership, Switzerland
Mukesh Kapila, Chief Executive, Defeat-NCD Partnership, Switzerland
Niels Lund, Vice-President, Health Advocacy, Novo Nordisk, Denmark
Mitoha Ondo'o Ayekaba, Vice Minister of Health and Social Affairs of Equatorial Guinea
Petra Wicklandt, Head, Corporate Affairs, Merck, Germany

15.45 - 17.15 Workshop
Scaling Up Gender Parity
At current rates of progress, it may take another 217 years to close the economic gender gap globally. The aim of this workshop is to identify strategies to scale up the most promising partnership efforts to advance women's workforce participation, leadership development, education and remuneration.

This session supports the ongoing work of the SheTrades initiative, the Growth and Economic Opportunities for Women (GrOW) Programme, the G7 Gender Equality Advisory Council and the World Economic Forum's Closing the Gender Gap Task Forces.

Discussion Leaders
Alexander De Croo, Deputy Prime Minister and Minister of Development Cooperation, the Digital Agenda, Telecommunications and Postal Services of Belgium; Young Global Leader
Vijay Eswaran, Executive Chairman, QI Group, Malaysia
Arancha Gonzalez Laya, Executive Director, International Trade Centre (ITC), Geneva
Katja Iversen, President and Chief Executive Officer, Women Deliver, USA
Laura Liswood, Secretary-General, Council of Women World Leaders, USA
Joyce Russell, President, Adecco Staffing, North America, The Adecco Group, USA

Firestarter
Keith Weed, Chief Marketing Communications Officer, Unilever, United Kingdom

Facilitated by
Naomi Oreskes, Professor of the History of Science, Harvard University, USA

15.45 - 17.15 Workshop
Harnessing Battery Supply Chains for Sustainable Development
A total of $333.5 billion was invested globally in clean energy in 2017, with storage and renewable-energy generation driving demand for strategic raw materials. The aim of this workshop is to identify and scale cost-effective and impactful solutions to unlock sustainable and transparent sourcing in global commodity supply chains.

This session supports the ongoing work of the World Economic Forum's Global Battery Alliance.

Discussion Leaders
Guy Éthier, Senior Vice-President, Supply Chain Sustainability, Umicore, Belgium
Keiko Honda, Executive Vice-President and Chief Executive Officer, Multilateral Investment Guarantee Agency (MIGA), Washington DC
Leanne Kemp, Chief Executive Officer and Founder, Everledger, United Kingdom
James Nicholson, Head of Corporate Responsibility, Trafigura Group, Switzerland
Charlotte Pera, President, ClimateWorks Foundation, USA
Dirk Voeste, Vice-President of Sustainabiltiy Strategy, BASF, Germany

Facilitated by
Jane Burston, Managing Director, Clean Air Fund, United Kingdom; Young Global Leader

15.45 - 17.15 Spotlight

Digital Networks for Development with MIT Solve

From healthcare provision to disaster relief, discover how digital networks are better connecting the under served.

- This session puts a spotlight on: Connecting doctors to remotely located patients
- Developing digital citizen networks among vulnerable women
- Providing digital bootcamps to underserved youth
- Deploying big data for rapid response to disasters

Discussion Leaders
Asher Hasan, Founder and Chief Executive Officer, Naya Jeevan, Pakistan
Roya Mahboob, Chief Executive Officer, Digital Citizen Fund, USA; Young Global Leader
Andrew Schroeder, Co-Founder, WeRobotics, USA
Muhamad Iman Usman, Co-Founder, Ruangguru, Indonesia

Facilitated by
Jason Rissman, Managing Director, OpenIDEO, IDEO, USA

16.00 - 16.15 Discussion Group

Knowledge Lab

Visit the Knowledge Lab to learn more about the World Economic Forum's dynamic knowledge tools and discover our latest innovations in collaboration with Carnegie Mellon University (CMU). Stop by and find out how to use data to explain complex global phenomena.

With
Dominic Kailash Nath Waughray, Head of Public-Private Partnership; Member of the Executive Committee, World Economic Forum

16.00 - 16.30 Issue Briefing

Overcoming Fragility and Violence as an SDG Stumbling Block

What does it take for international stakeholders to address fragility as a driver of extreme poverty, mass migration and violent extremism more effectively to ensure the SDGs targets are met?

Join this issue briefing to learn how to devise partnerships that can help governments and local business to deliver the services and opportunities their people need.

Rafat Al-Akhali, Fellow of Practice, Strategic Projects, Blavatnik School of Government, University of Oxford, United Kingdom; Young Global Leader
Sasha Chanoff, Founder and Executive Director, RefugePoint, USA
Yves Daccord, Director-General, International Committee of the Red Cross (ICRC), Geneva

Moderated by
Heba Aly, Director, IRIN, Switzerland; Young Global Leader

17.30 - 18.30 Plenary Session

Environmental Stewardship in the Sprint to 2020

How can leaders propel action to secure the global commons now?

Luis Alfonso de Alba Góngora, Special Envoy for the 2019 Climate Summit, United Nations, New York
Al Gore, Vice-President of the United States (1993-2001); Chairman and Co-Founder, Generation Investment Management, USA; Member of the Board of Trustees, World Economic Forum
Naoko Ishii, Chief Executive Officer and Chairperson, Global Environment Facility, USA
Leanne Kemp, Chief Executive Officer and Founder, Everledger, United Kingdom
Johan Rockström, Director, Potsdam Institute for Climate Impact Research (PIK), Germany
David Yeung, Co-Founder and Chief Executive Officer, Green Monday Foundation, Hong Kong SAR, China

Chaired by
Dominic Kailash Nath Waughray, Head of Public-Private Partnership; Member of the Executive Committee, World Economic Forum

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08.00 - 08.15 Discussion Group
Knowledge Lab
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08.00 - 09.30 Workshop
Taking Action on Plastics Pollution
There will be more plastic than fish in the ocean by 2050 unless radical changes are made today. The aim of this workshop is to engage industry, government and civil society in shaping a connected strategy to avert the growth of global plastic pollution by 2025.

This session supports the ongoing work of Canada's G7 Ocean Plastics Charter, the Ellen MacArthur Foundation, the Global Plastics Action Partnership, the UN Environment Plastics Declaration, the UK's Commonwealth Ocean Action Alliance, and others.

Discussion Leaders
Patricia Appiagyei, Deputy Minister for Environment, Science and Technology of Ghana
Roberta Barbieri, Vice-President, Global Water and Environmental Solutions, PepsiCo, USA
Vincent Biruta, Minister of Environment of Rwanda
Naoko Ishii, Chief Executive Officer and Chairperson, Global Environment Facility, USA
Catherine McKenna, Minister of Environment and Climate Change of Canada
Penny Mordaunt, Secretary of State for International Development of the United Kingdom
Luhut B. Pandjaitan, Coordinating Minister for Maritime Affairs of Indonesia
Beatriz Perez, Senior Vice-President; Chief Communications, Public Affairs, Sustainability and Marketing Assets Officer, The Coca-Cola Company, USA
Brune Poirson, Secretary of State, Ministry of Ecology, Sustainable Development and Energy of France
Martin Rudolf Stuchtey, Professor, University of Innsbruck, Austria
Naomi Tokashiki, State Minister of the Environment of Japan
Laura Tuck, Vice-President, Sustainable Development, World Bank, Washington DC

Facilitated by
Dominic Kailash Nath Waughray, Head of Public-Private Partnership; Member of the Executive Committee, World Economic Forum

08.00 - 09.30 Workshop
Advancing Global Environmental, Social and Governance Standards
Environmental, social and governance (ESG) indicators can help businesses improve their contribution, and support investors to better allocate capital, to sustainable development. However, universal, regulator-backed reporting standards and metrics are not agreed at the global level. The aim of this workshop is to launch an effort to support a more effective ESG reporting ecosystem, ultimately boosting transparency, corporate performance and supporting usage of ESG in investment.

This session supports the ongoing work of existing reporting standards organizations and the World Economic Forum's Building an Effective Ecosystem for ESG effort and the GrowInclusive initiative.

Discussion Leaders
Antoine Begasse, Finance Counsellor of the European Union, Delegation of the European Union to the United States, Washington DC

Jeffrey Hales, Chair, Sustainability Accounting Standards Board (SASB), USA
Niels Lund, Vice-President, Health Advocacy, Novo Nordisk, Denmark
Jeffrey McDermott, Managing Partner, Greentech Capital Advisors, USA
Robert Metzke, Chief of Staff, Innovation and Strategy; Head, Sustainability, Royal Philips, Netherlands
Kate Mohan, Corporate Responsibility Executive, Target Corporation, USA
Timothy J. Mohin, Chief Executive, Global Reporting Initiative, Netherlands
Sona Stadtelmeyer-Petru, Expert, Environmental, Social and Governance (ESG) and Responsible Investing, Allianz Investment Management, Allianz, Germany
Ethiopis Tafara, Vice-President and General Counsel, Legal, Compliance Risk and Sustainability, International Finance Corporation, Washington DC
Geetha Tharmaratnam, Partner; Head, Africa, LGT Impact, United Kingdom
Franziska Zimmermann, Director, Sustainability and Institutional Relations, Temasek, Singapore

Facilitated by
Wendy Woods, Senior Partner and Managing Director, Boston Consulting Group, USA

08.00 - 09.30 Workshop
Preparing for the Next Epidemic
The annual global cost of moderately severe to severe pandemics is roughly $570 billion. The aim of this workshop is to showcase progress on cross-sector partnerships and to strengthen epidemic readiness.

This session supports the ongoing work of the World Health Organization, the World Bank and the World Economic Forum's Epidemics Readiness Accelerator.

Discussion Leaders
Stanley M. Bergman, Chairman of the Board and Chief Executive Officer, Henry Schein, USA
Seth F. Berkley, Chief Executive Officer, Gavi, the Vaccine Alliance, Geneva
Margaret Farley, Executive Vice-President, Global Crisis and Risk, Edelman, USA
Eduardo Martinez, President, UPS Foundation, USA
Denise Naguib, Vice-President, Sustainability and Supplier Diversity, Marriott International, USA
Michael Ryan, Assistant Director-General, Emergency Preparedness and Response, World Health Organization (WHO), Geneva

Facilitated by
Lydia Ogden, Associate Vice-President, Global Enterprise Policy, MSD, USA

08.00 - 09.30 Workshop
Facilitating Trade for SDGs
The WTO's Trade Facilitation Agreement could lead to an over 14% reduction in trade costs for developing countries. This workshop aims to showcase and scale realistic and effective solutions to realize this opportunity and unlock job creation and growth in mini-multinationals.

This session supports the ongoing work of the Global Alliance for Trade Facilitation.

Discussion Leaders
Tracey Chambers, Chief Executive Officer and Co-Founder, Clothing Bank, South Africa
John W.H. Denton, Secretary-General, International Chamber of Commerce (ICC), France
Elizabeth Fay, Vice-President, Global Public Policy and Strategy, Cargill, USA
Claus V. Hemmingsen, Vice-Chief Executive Officer, A.P. Møller-Maersk, Denmark
Hans Theyer, Executive Director, Fairtrade America, Fairtrade International, Germany
Sarah Thorn, Senior Director, Global Government Affairs, Walmart, USA

Facilitated by
Andrew C. Wilson, Executive Director, Center for International Private Enterprise (CIPE), USA

08.00 - 09.30 Workshop
Ramping Up Clean Energy Solutions
Despite a surge in some clean energy technologies, broadening the toolkit of solutions to decarbonize energy is essential, as two thirds of greenhouse gas emissions are generated by energy production and use. The aim of this workshop is to explore the most effective strategies to deliver climate-friendly energy solutions faster.

This session supports the ongoing work of the World Alliance for Efficient Solutions, Mission Innovation, the Oil and Gas Climate Initiative and the World Economic Forum's Partnering to Accelerate Sustainable Energy Innovation.

Discussion Leaders
Michael Hayes, Global Head of Renewables, KPMG, United Kingdom
Rachel Kyte, Special Representative of the Secretary-General for Sustainable Energy for All; Chief Executive Officer, United Nations Sustainable Energy for All (SEforALL), Vienna
Naomi Oreskes, Professor of the History of Science, Harvard University, USA
Bertrand Piccard, Initiator and Chairman, Solar Impulse, Switzerland
Frank Rijsberman, Director-General, Global Green Growth Institute (GGGI), Republic of Korea
Charlotte Wolff-Bye, Vice-President, Sustainability, Equinor, Norway

Facilitated by
Jane Burston, Managing Director, Clean Air Fund, United Kingdom; Young Global Leader

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08.00 - 09.30 Workshop
Scaling the Impact of Computing Breakthroughs
Breakthroughs in computing enable multiple quadrillion calculations per second and can support accelerated action for sustainable development. The aim of this workshop is to explore how new and innovative partnerships can advance computing and artificial intelligence to achieve a wide range of SDG targets.

This session supports the ongoing work of the Tech Impact 2030 Initiative of Hewlett Packard Enterprise and the World Economic Forum.

Discussion Leaders
Marianne Eve Jamme, Founder and Chief Executive Officer, iamtheCODE, United Kingdom; Young Global Leader
Jessica Richman, Chief Executive Officer, uBiome, USA
Timotej Šooš, National Coordinator for the 2030 Agenda, Government Office for Development of Slovenia
Tyler Spalding, Director, Corporate Affairs, PayPal, USA
Lila Tretikov, Chief Executive Officer, Terrawatt Initiative, France; Young Global Leader
Christopher Wellise, Chief Sustainability Officer, Hewlett Packard Enterprise, USA
Patrick Wolfe, Frederick L. Hovde Dean of the College of Science, Purdue University, USA

Facilitated by
Georgia Frances King, Ideas Editor, Quartz - Atlantic Media, USA

09.45 - 10.00 Discussion Group
Knowledge Lab
Visit the Knowledge Lab to learn more about the World Economic Forum's dynamic knowledge tools and discover our latest innovations in collaboration with Carnegie Mellon University (CMU). Stop by and find out how to use data to explain complex global phenomena.

With
Illah Nourbakhsh, Professor, Robotics Institute, Carnegie Mellon University, USA

09.45 - 11.15 Workshop
Staying in Business
Today's economic systems and organizational models, born in the industrial age when natural and human resources were narrowly conceived, have become outdated and need to change. This workshop aims to catalyse a champions network of multinational corporations by creating a call to action for sustainable market-based models that benefit economic growth, society and the planet.

This session supports the ongoing work of the World Economic Forum's Centre for Global Public Goods.

Closing Remarks by
Terri Toyota, Deputy Head of the Centre for Global Public Goods, Member of the Executive Committee, World Economic Forum

Discussion Leaders
Jenny Davis-Peccoud, Partner, Bain & Company, United Kingdom
Deborah Goldfarb, Global Head, International Citizenship, Barclays, USA
Pia Heidenmark Cook, Chief Sustainability Officer, IKEA Group, Sweden
Virginie Helias, Vice-President, Global Sustainability, Procter & Gamble International Operations, Switzerland
David G. Rosenberg, Co-Founder and Chief Executive Officer, AeroFarms, USA; Young Global Leader
Anna Walker, Senior Director, Global Policy and Advocacy, Levi Strauss & Co., USA
Andrew C. Wilson, Executive Director, Center for International Private Enterprise (CIPE), USA

Facilitated by
Aron Cramer, President and Chief Executive Officer, Business for Social Responsibility (BSR), USA

09.45 - 11.15 Workshop
Scaling Natural Climate Solutions
Nature-based solutions, from forests to mangroves, can provide over a third of cost-effective climate mitigation needed between now and 2030 to stabilize warming to below 2°C. But they receive only 3% of climate financing. This workshop aims to identify investment opportunities to promote natural climate solutions to meet the Paris targets.

This session supports the ongoing work of Nature4Climate and the World Economic Forum's Biodiversity Action Agenda, Climate Initiative and Tropical Forest Alliance 2020.

Discussion Leaders
Peter Bakker, President and Chief Executive Officer, World Business Council for Sustainable Development (WBCSD), Switzerland
Ola Elvestuen, Minister of Climate and Environment of Norway
Nazir Foead, Head, Peatland Restoration Agency, Republic of Indonesia, Indonesia
Christian Frutiger, Global Head, Public Affairs, Nestlé, Switzerland
M. Sanjayan, Chief Executive Officer, Conservation International, USA
Feike Sybesma, Chief Executive Officer and Chairman of the Managing Board, Royal DSM, Netherlands

Facilitated by
Mark Tercek, Chief Executive Officer, Nature Conservancy, USA

09.45 - 11.15 Workshop

Delivering the SDGs through Science-Based Targets

The 2°C target proved to be an effective lever to rally momentum on climate change, yet few SDGs have a similar trigger to stimulate action. This workshop aims to explore the best approaches to develop science-based targets that create momentum across the public and private sectors for action in the lead-up to 2020 and beyond.

This session supports the ongoing work of the Science Based Targets Initiative, the We Mean Business Coalition and the World Economic Forum's Earth Targets Platform.

Discussion Leaders
Claes Berglund, Director, Public Affairs and Sustainability, Stena, Sweden
Flemming Besenbacher, Chairman of the Supervisory Board, Carlsberg, Denmark
Helen Crowley, Head, Sustainable Sourcing Innovation, Kering, France
Victor Galaz, Deputy Director, Stockholm Resilience Centre, Stockholm University, Sweden
Svein Tore Holsether, President and Chief Executive Officer, Yara International, Norway
Naoko Ishii, Chief Executive Officer and Chairperson, Global Environment Facility, USA
Kevin Moss, Global Director, Sustainable Business, World Resources Institute, USA
Cristiana Pasca Palmer, Executive Secretary, Convention on Biological Diversity, Montreal
Manuel Pulgar-Vidal Otalora, Leader, Climate and Energy Practice, WWF International, Switzerland
Enric Sala, Explorer-in-Residence, National Geographic Society, USA; Young Global Leader
Markus Berthold Strangmüller, Vice-President, Sustainability Management, Siemens, Germany
Nigel Topping, Chief Executive Officer, We Mean Business Coalition, United Kingdom

Facilitated by
Joel Makower, Chairman and Executive Editor, GreenBiz, USA

09.45 - 11.15 Workshop

Bridging the ICT Infrastructure Financing Gap

Between now and 2040, the gap in global financing for information and communication technology infrastructure is predicted to grow to $1 trillion. The aim of this workshop is to advance viable investment strategies for connectivity infrastructure in emerging and developing countries between governments, multilateral agencies and the private sector.

This session supports the ongoing work of the World Economic Forum's Internet for All Initiative and the Internet of Things: Sustainable Models for Impact Project.

Discussion Leaders
Stephen C. Daffron, Founding Partner, Motive Partners, United Kingdom
Adrian Lovett, President and Chief Executive Officer, World Wide Web Foundation, Switzerland
Ivino Wildschutt-Prins, Relationship Manager, International Sustainable Development Investment Partnership (SDIP) Africa Hub, Investment Partnerships, Development Bank of Southern Africa, South Africa

Facilitated by
Lindiwe Mazibuko, Co-Founder and Executive Director, Apolitical Foundation, South Africa; Young Global Leader

09.45 - 11.15 Workshop

Scaling Access to Sustainably Sourced Energy

Over 1 billion people lack access to electricity and 674 million are set to remain without access by 2030. The aim of this workshop is to discuss ways to scale solar power to meet energy-access challenges.

This session supports the ongoing work of the Terrawatt Initiative and the World Economic Forum's Energy Access Africa.

Discussion Leaders
Andrew Herscowitz, Coordinator, Power Africa, South Africa
Sumant Sinha, Chairman and Chief Executive Officer, ReNew Power, India
Lila Tretikov, Chief Executive Officer, Terrawatt Initiative, France; Young Global Leader

Facilitated by
Katherine Hamilton, Director, Project for Clean Energy and Innovation, USA

11.45 - 12.30 Plenary Session

Mobilizing Finance for Impact

How can nations scale the financing needed to deliver their SDG and climate commitments?

Anne Finucane, Chairman of the Board, Bank of America Merrill Lynch, Europe; **Vice-Chairman**, Bank of America, USA
George Yaw Gyan-Baffour, Minister for Planning of Ghana
Bill McGlashan, Co-Founder and Chief Executive Officer, The Rise Fund; Founder and Managing Partner, TPG Growth, TPG, USA
Sunil Bharti Mittal, Chairman, Bharti Enterprises, India

Chaired by
Christine Lagarde, Managing Director, International Monetary Fund (IMF), Washington DC

12.30 - 13.15 Community Lunch

Community Lunch

The food and beverages served here have been chosen to meet the highest standards of sustainability.

- These include:
- Local sourcing (80% of ingredients are sourced within a 100-mile radius)

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- Social impact (the Table for Two healthy menu supports the provision of a school meal in a region in need; leftovers are donated to a food-rescue organization)
- Avoiding single-use of plastic (all food containers are 100% compostable and biodegradable)
- Reducing waste (reusable water bottles can be refilled at water stations)

13.15 - 14.45 Workshop

Accelerating Protein Innovation

Global meat production today stands at 263 million tonnes and is expected to nearly double to 445 million tonnes by 2050, which today's systems are not capable of supplying in line with the SDG targets and the Paris Agreement. The aim of this workshop is to build a coalition dedicated to innovating for the delivery of accessible, affordable, safe and sustainable protein that meets the needs of people and the planet.

This session supports the ongoing work of the World Economic Forum's Meat: The Future project.

Discussion Leaders
Kees Aarts, Chief Executive Officer, Protix, Netherlands
Stephanie Draper, Chief Change Officer, Forum for the Future, United Kingdom
Shenggen Fan, Director-General, International Food Policy Research Institute (IFPRI), USA
Cameron Hepburn, Director, Economics of Sustainability, Institute for New Economic Thinking, Oxford Martin School, University of Oxford, United Kingdom
Mark Post, Professor and Chair of Physiology, University of Maastricht, Netherlands
William Warshauer, President and Chief Executive Officer, TechnoServe, USA
Justin Whitmore, Executive Vice-President, Continuous Improvement; Chief Sustainability Officer, Tyson Foods, USA

Facilitated by
Samuel Alemayehu, Managing Director, Cambridge Industries, Ethiopia; Young Global Leader

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13.15 - 14.45 Workshop

Harnessing Global Value Chains for Sustainable Development

Global value chains are a powerful avenue for development for many low-income countries but policy incentives are often misaligned. The aim of this workshop is to better craft policies that create the conditions for inclusive and sustainable growth through international supply chains.

This session supports the ongoing work of the Inter-Agency Working Group on Responsible Agricultural Investment, OECD, ICTSD and the World Economic Forum's Investment for Sustainable Development Trajectory 2018-2019, and the Global Value Chains Platform.

Discussion Leaders
Solomon Assefa, Vice-President, IBM Research Africa, South Africa; Young Global Leader
Christian Frutiger, Global Head, Public Affairs, Nestlé, Switzerland
Arancha Gonzalez Laya, Executive Director, International Trade Centre (ITC), Geneva
Sigrid Kaag, Minister for Foreign Trade and Development Cooperation of the Netherlands
Ricardo Meléndez-Ortiz, Chief Executive, International Centre for Trade and Sustainable Development (ICTSD), Switzerland
Gabriela I. Ramos Patiño, Special Counsellor to the Secretary-General; Chief of Staff; Sherpa to the G20, Organisation for Economic Co-operation and Development (OECD), Paris
Wong Ai-Ai, Member, Global Executive Committee; Deputy Chair, Asia-Pacific, Baker & McKenzie, Singapore

Facilitated by
Raj Kumar, President and Editor-in-Chief, Devex, USA

13.15 - 14.45 Workshop

Sharing Data for the Public Good

Over the past two decades, natural disasters have killed more than 600,000 people and left behind trillions of dollars in damage and economic loss, much of which could have been prevented with better data-sharing practices between the public and the private sector. The aim of this workshop is to advance new privacy-enhancing approaches for data collaboration and their pragmatic use in the pursuit of public good serving the SDGs.

This session supports the ongoing work of the World Economic Forum's Data Sharing Innovations, Epidemic Readiness Accelerator and Preparing Civil Society for the Fourth Industrial Revolution project.

Discussion Leaders
Sigve Brekke, President and Chief Executive Officer, Telenor Group, Norway
Caroline Buckee, Associate Director and Associate Professor, Department of Epidemiology, Harvard School of Public Health, USA
Anir Chowdhury, Policy Adviser, Access to Information, Office of the Prime Minister of Bangladesh
Nicolaus Henke, Director and Global Leader, Global Health Systems and Services Practice, McKinsey & Company, United Kingdom
JoAnn Stonier, Chief Data Officer, Mastercard, USA

Facilitated by
Rahul Chandran, Executive Director, Global Alliance for Humanitarian Innovation (GAHI), New York
Kate Wilson, Chief Executive Officer, Digital Impact Alliance (DIAL), USA

13.15 - 14.45 Workshop

Governing Climate-Related Financial Risks

The value of financial risk from climate change to the total global stock of manageable assets ranges from $4.2 trillion to $43 trillion between now and the end of the century. The aim of this workshop is to explore the most appropriate tools to support company board decision-making and investor assessments of climate-related risks.

This session supports the ongoing work of the B-Team, Ceres, the Financial Stability Board Task Force on Climate-related Financial Disclosures and the World Economic Forum's Climate Governance Initiative.

Discussion Leaders
Mark Carney, Governor of the Bank of England; Member of the Board of Trustees, World Economic Forum
David W. Crane, Leader, B Team, USA
Katherine Garrett-Cox, Chief Executive Officer, Gulf International Bank (UK), United Kingdom; Young Global Leader
Celine Herweijer, Partner, PwC, United Kingdom; Young Global Leader
Karina Litvack, Non-Executive Director, Eni, United Kingdom
Alison Martin, Group Chief Risk Officer, Zurich Insurance Group, Switzerland
Lynn S. Paine, Professor of General Management, Harvard Business School, USA
Curtis Ravenel, Global Head, Sustainable Business and Finance, Bloomberg, USA
Richard Saines, Head, North America Climate Change and Environmental Markets, Baker & McKenzie, USA
Ed Wells, Head, Policy, Global Markets, Sustainable Finance and Conduct, HSBC, United Kingdom

Facilitated by
Mindy S. Lubber, President, Ceres, USA

13.15 - 14.45 Workshop

Supporting Urban Migration

One in seven people in the world is an internal or international migrant, who moves to urban centres in search of greater job prospects, a better quality of life and access to urban infrastructure and services. The aim of this workshop is to develop new approaches and partnerships to ensure that the basic needs of migrants are met, while accommodating the priorities of their host cities.

This session supports the ongoing work of the UN Global Compacts for Migration and on Refugees and the World Economic Forum's Future of Urban Development and Services Initiative.

Discussion Leaders
Kelly Clements, United Nations Deputy High Commissioner for Refugees, Geneva
Peter Laugharn, President and Chief Executive Officer, Conrad N. Hilton Foundation, USA
Linda Lopez, Chief of Immigrant Affairs, City of Los Angeles, USA
Michelle Maziar, Director, Office of Immigrant Affairs, City of Atlanta, USA
Maimunah Mohd Sharif, Undersecretary-General of the United Nations; Executive Director, United Nations Human Settlements Programme (UN-HABITAT), Nairobi
Lefteris Papagiannakis, Vice-Mayor of Athens, Greece
Jonathan Thomas More Reckford, Chief Executive Officer, Habitat for Humanity International (HFH), USA
Nicola Villa, Senior Vice-President, Public-Private Partnerships, Mastercard, USA

14.00 - 14.30 Issue Briefing

How Education Can Heal a Broken Generation

What does it take to bring education to over 260 million children and adolescents around the world who are out of school to allow them and their countries to thrive?

Join this issue briefing to learn how to devise partnerships that help to educate and empower youth for a more prosperous future.

Urvashi Sahni, Founder and Chief Executive Officer, Study Hall Educational Foundation, India
Muhamad Iman Usman, Co-Founder, Ruangguru, Indonesia

14.45 - 15.15 Community Break

Community Break

15.15 - 15.30 Discussion Group

Knowledge Lab

Visit the Knowledge Lab to learn more about the World Economic Forum's dynamic knowledge tools and discover our latest innovations in collaboration with Carnegie Mellon University (CMU). Stop by and find out how to use data to explain complex global phenomena.

With
Derek O'Halloran, Head of Digital Economy and Society System Initiative; Member of the Executive Committee, World Economic Forum

15.15 - 16.45 Workshop

Advancing the Fight Against Modern Slavery

Despite growing efforts from industry leaders, national regulators and global multistakeholder initiatives, around 1 in every 185 people remains subject to modern slavery across industries and value chains. The aim of this session is to strengthen the business case to combat modern slavery and to help business identify the right data and partnerships to address the challenge more effectively.

This session supports the ongoing work of the Babson Initiative on Human Trafficking and Modern Slavery, Delta 8.7, the Liechtenstein Initiative for a Financial Sector

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Commission on Modern Slavery and Human Trafficking, Tech Against Trafficking and the World Economic Forum's Coalition to Fight Financial Crime.

Discussion Leaders
Christina Bain, Director, Initiative on Human Trafficking and Modern Slavery, Babson College, USA
Helena Barton, Partner, Global Sustainability Services and Strategic Risk, Deloitte, Denmark
James Cockayne, Director, Centre for Policy Research, United Nations University, New York
Aron Cramer, President and Chief Executive Officer, Business for Social Responsibility (BSR), USA
Elena Philipova, Global Head, Environmental, Social and Governance (ESG) Proposition, Thomson Reuters, Switzerland
Guy Ryder, Director-General, International Labour Organization (ILO), Geneva
Jan Saumweber, Senior Vice-President, Responsible Sourcing, Walmart, USA
Nina Smith, Chief Executive Officer, GoodWeave International, USA
Christopher Wellise, Chief Sustainability Officer, Hewlett Packard Enterprise, USA

Facilitated by
Gary A. Haugen, Chief Executive Officer, International Justice Mission (IJM), USA

15.15 - 16.45 Workshop
Investing in Stability Through Market-Based Solutions
At least $23 trillion in US capital alone is currently allocated in responsible investment but few channels as yet allow this capital to go into development in protracted crises. The aim of this workshop is to catalyse private and institutional capital to support solutions in fragile situations through long-term investment approaches.

This session supports the ongoing work of the High-Level Group on Humanitarian Investing, the UN Global Compacts for Migration and on Refugees and the World Economic Forum's Humanitarian Investing work stream.

Discussion Leaders
David Beasley, Executive Director, United Nations World Food Programme (WFP), Rome
Amit Bouri, Chief Executive Officer, Global Impact Investing Network, USA
Børge Brende, President; Member of the Managing Board, World Economic Forum
Kelly Clements, United Nations Deputy High Commissioner for Refugees, Geneva
Ahmed Hussen, Minister of Immigration, Refugees and Citizenship of Canada
Mark Lowcock, Undersecretary-General for Humanitarian Affairs and Emergency **Relief Coordinator**, United Nations Office for the Coordination of Humanitarian Affairs (OCHA), New York
Peter Maurer, President, International Committee of the Red Cross (ICRC), Geneva
Monique Pariat, Director-General, Humanitarian Aid and Civil Protection, European Commission, Brussels

Facilitated by
Sara Pantuliano, Managing Director, Overseas Development Institute, United Kingdom

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15.15 - 16.45 Workshop
Mobilizing Trillions for the SDGs
To close a funding gap estimated at $5 trillion-$7 trillion a year to realize the SDGs requires greater coordination among countries, subnational institutions and financing initiatives. The aim of this workshop is to explore integrated and aligned approaches to mobilizing domestic and international sources of public and private capital in support of SDG objectives and Nationally Determined Contributions (NDC).

This session supports the ongoing work of the NDC Partnership, the Initiative on Closing the Investment Gap on Sustainable Infrastructure and the Sustainable Development Investment Partnership (SDIP).

Discussion Leaders
Thierry Déau, Chief Executive Officer, Meridiam, France
Ambroise Fayolle, Vice-President, European Investment Bank, Luxembourg
Karin Finkelston, Vice-President, Partnerships, Communications and Outreach, International Finance Corporation, Washington DC
Gargee Ghosh, Director, Development Policy and Finance, Bill & Melinda Gates Foundation, USA
George Yaw Gyan-Baffour, Minister for Planning of Ghana
Martin Bille Hermann, State Secretary for Development Policy, Ministry of Foreign Affairs of Denmark
Miroslav Lajcák, Minister of Foreign and European Affairs of the Slovak Republic
Stefano Manservisi, Director-General, Directorate-General for International Cooperation and Development (DEVCO), European Commission, Brussels
William Francis Morneau, Minister of Finance of Canada
Jukka Pihlman, Managing Director; Global Head, Central Banks and Sovereign Funds, Standard Chartered Bank, USA
Victor Rico, Secretary-General, CAF - Development Bank of Latin America, Caracas

Facilitated by
Elliot Harris, Assistant Secretary-General for Economic Development; Chief Economist, Department of Economic and Social Affairs (DESA), United Nations, New York

15.15 - 16.45 Workshop

Mobilizing Capital Markets towards Ecological Resilience

Ecosystems' collapse is an emerging systemic risk for financial institutions that back companies which rely on clean water sources, productive pollinators and healthy forests to generate returns. This workshop aims to explore opportunities for collaboration between investors, insurers, asset owners, banks and environmentalists to better assess and manage the risks associated with the impending loss of natural assets.

This session supports the ongoing work of the World Economic Forum's Biodiversity Action Agenda and the Tropical Forest Alliance 2020.

Discussion Leaders

Valdis Dombrovskis, Vice-President for Euro and Social Dialogue, Financial Stability, Financial Services and Capital Markets Union, European Commission, Brussels

Victor Galaz, Deputy Director, Stockholm Resilience Centre, Stockholm University, Sweden

Celine Herweijer, Partner, PwC, United Kingdom; Young Global Leader

Keiko Honda, Executive Vice-President and Chief Executive Officer, Multilateral Investment Guarantee Agency (MIGA), Washington DC

Zoe Knight, Group Head, Centre of Sustainable Finance; Managing Director, HSBC, United Kingdom

Alison Martin, Group Chief Risk Officer, Zurich Insurance Group, Switzerland

Cristiana Pasca Palmer, Executive Secretary, Convention on Biological Diversity, Montreal

Franziska Zimmermann, Director, Sustainability and Institutional Relations, Temasek, Singapore

Facilitated by

Mindy S. Lubber, President, Ceres, USA

15.15 - 16.45 Spotlight

Bio-Innovation for Development with the Technology Pioneers

From reducing food waste to improving your microbiome, discover how bio-innovation is improving our health and that of the planet.

This session puts a spotlight on:

- Reducing food waste with plant-derived technologies
- Bio-fabrication of new materials Transforming your microbiome to improve health outcomes
- Democratizing access to high-quality genetic information for better disease prevention

Discussion Leaders

Andras Forgacs, Chief Executive Officer, Modern Meadow, USA

Jessica Richman, Chief Executive Officer, uBiome, USA

James Rogers, Founder and Chief Executive Officer, Apeel Sciences, USA

Facilitated by

Robyn Seetal, Principal, Natural Capital Solutions, Canada

17.00 - 18.00 Plenary Session

Sustainable Development in the Fourth Industrial Revolution

Given the speed at which technologies are reshaping economies and societies, how can leaders embrace disruption and accelerate sustainable development outcomes?

Simultaneous interpretation in English and Spanish

Mitchell Baker, Executive Chairwoman of the Board, Mozilla, USA

Alex Gorsky, Chairman and Chief Executive Officer, Johnson & Johnson,

USheikh Hasina, Prime Minister of Bangladesh

Enrique Peña Nieto, President of Mexico

Mark Rutte, Prime Minister of the Netherlands

Chaired by

Gustau Alegret, Director, US News, NTN24, USA

18.00 - 18.30

Plenary Session

What's Next to Deliver the SDG Agenda?

Join this discussion with champions of sustainable development to take stock and outline an effective road map for action as the second Sustainable Development Impact Summit comes to a close.

Achim Steiner, Administrator, United Nations Development Programme (UNDP), New York

Feike Sybesma, Chief Executive Officer and Chairman of the Managing Board, Royal DSM, Netherlands

Bruktawit Tigabu, Chief Executive Officer and Creative Director, Whiz Kids Workshop, USA

Chaired by

Børge Brende, President; Member of the Managing Board, World Economic Forum

Remarks by

Jerry Brown Jr, Governor of California, USA

Summit's key outcomes and highlights

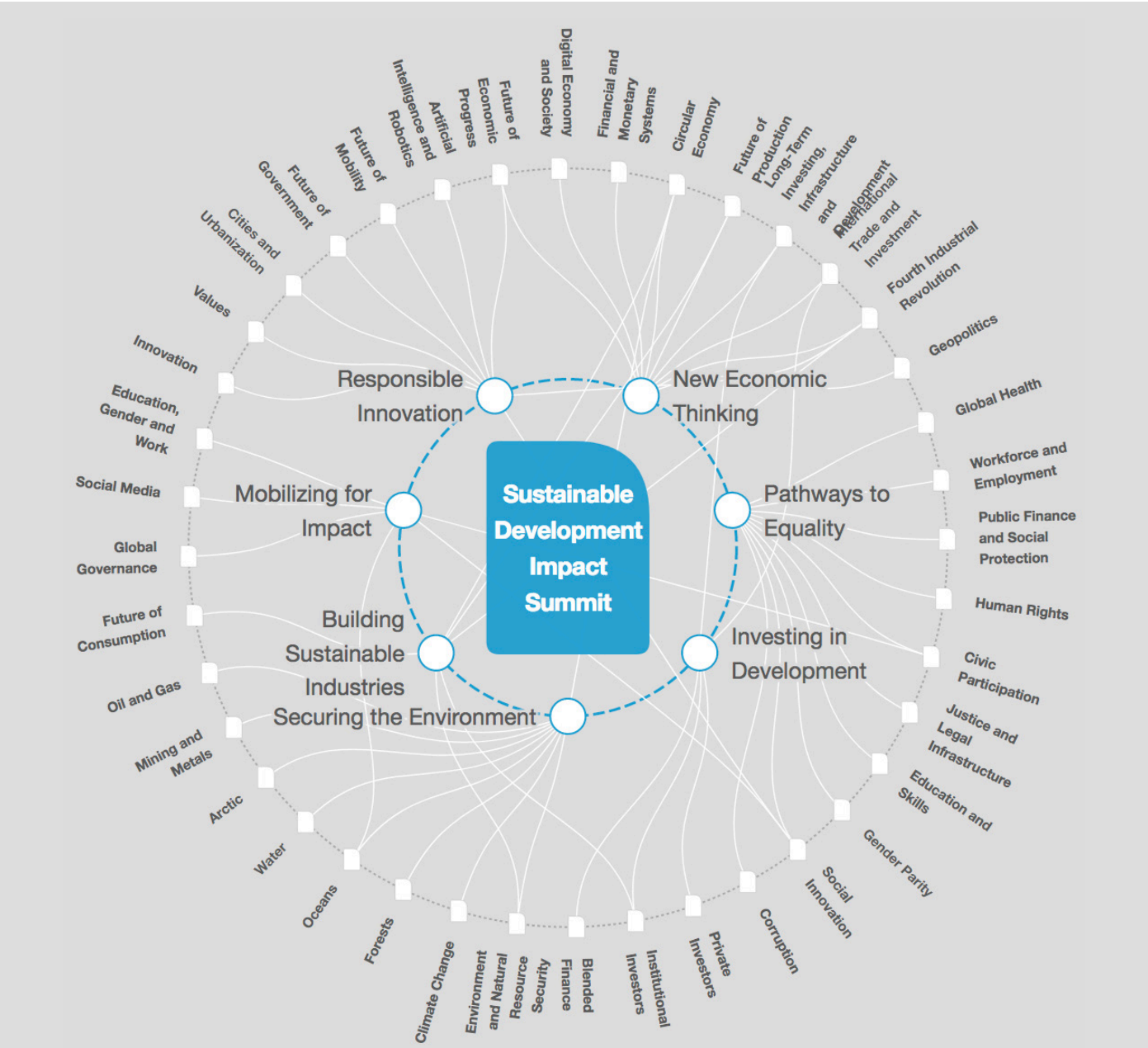
100 coalitions raise ambition for climate change and Sustainable Development Goals

More than 100 coalitions – involving champions and experts from across all sectors and walks of life – gathered together for the Sustainable Development Impact Summit 2018 in what was arguably the world's biggest multistakeholder "accelerator" event to advance action and scale innovation on collaborations for sustainable development and climate change. The Impact Summit offers a unique platform to help public, private and civil society actors to connect, advance and scale their ideas, collaborations and initiatives. It also allows participants to harness cutting-edge innovations and technologies in their business models and shape the global multistakeholder agenda for action. This approach – entrepreneurialism in the global public interest – lies at the heart of the World Economic Forum.

The platform approach provides an opportunity to resolve the complex challenges of today's interdependent, multipolar world that cannot be resolved by any single set of actors. A functioning platform enables stakeholders to develop public-private collaborations that cut across traditional silos and are informed by holistic perspectives, while taking into account the opportunities and impacts generated by the onset of the Fourth Industrial Revolution. This makes it easier for key stakeholders to self-organize and catalyse impact. Likewise, the effectiveness of multilateral and intergovernmental institutions can often be enhanced by embedding them in broader networks that harness multistakeholder, multidisciplinary expertise and resources. Coalitions of actors can work together to accelerate progress where they believe it is most needed and attainable. The principles are simple, but the impact is profound: the focus is on incubation, not ownership; platforms over institutions; and bolstering efforts, not duplicating them.

Rather than organizing itself around more traditional thematic areas, the Summit broadens conversations and brings together "unusual suspects"; these are represented by the 100 coalitions featured in New York. The 100 comprises a diverse portfolio touching on all 17 Sustainable Development Goals (SDGs), from closing the skills and gender gap and fighting disease to broadening the benefits of trade to protecting the planet's dwindling biodiversity. These efforts, led by a broad spectrum of multistakeholder actors, demonstrate that transformational action on the SDGs is happening worldwide and can be developed and scaled when all sectors of society work together, innovate and use technology to achieve far-reaching, sustainable impact. Such improved cooperation at an ecosystem-wide level is vital if we are to advance the Global Goals.

More information on the 100 alliances, coalitions and initiatives and how they are driving collective action on the SDGs is available at
https://www.weforum.org/press/2018/09/100-coalitions-raise-ambition-for-climate-change-and-sustainable-development-goals-at-impact-summit



Transformation Map

– The World Economic Forum launched a shared Platform for Good Digital Identity forging **collaboration with over 50 organizations**, including the World Bank, MasterCard, UNHCR, UN World Food Programme and the Mozilla Foundation among many others. The platform will advance a first phase of projects to empower everyone to have their rights protected in our fast-moving digital world. Support has generously been committed for three years by Omidyar Network.

– Global Plastic Action Partnership (GPAP), a new public-private collaboration was launched to focus on solving plastic waste along the whole supply chain from redesigning plastics to how we recover and re-use them. Support totalling close to **$10 million** was announced from **Canada** and the **United Kingdom** as well as the **Coca Cola Company**, **Dow Chemical** and the **PepsiCo Foundation**. The first national collaboration was announced with Indonesia.

– **Hewlett Packard Enterprise** and the **World Economic Forum** jointly launched the Tech Impact 2030 initiative, an unprecedented open collaboration that brings together leaders across industry, technology, academia and government to share ideas and align resources to help solve a series of challenges in key sectors. The first Tech Impact 2030 Initiative was announced in partnership with Purdue University, addressing **food security and precision agriculture**.

Alex Gorsky at the Sustainable Development

Social Entrepreneur of the Year Award Ceremony

We just cannot shy away from tapping into 4IR tools and applications; the world and market must also see to it that no country is left behind as 4IR applications roll out rapidly.

Sheikh Hasina, Prime Minister of Bangladesh

- Two concrete partnerships were presented at the summit under Partnering for Green Growth and the Global Goals 2030 (P4G): Zero Emission Bus Rapid-deployment Accelerator Project and Africa GreenCo. **Netherlands** was also announced as the newest country member of the P4G Coalition.

- A commitment was made from a growing community of businesses and institutions recognizing that the competitive edge comes from a purpose-driven growth model. **Sustainability was seen as a critical driver for innovation**, leveraging the Fourth Industrial Revolution, and with recognition that viewing the path forward is both a **collaborative effort** rather and a competitive advantage is not only necessary, but also good for business.

- The High-Level Group on Humanitarian Investing, co-chaired by **Børge Brende**, President, World Economic Forum, **Kristalina Georgieva**, Chief Executive Officer, World Bank, and Peter Maurer, President, International Committee of the Red Cross, will create channels for humanitarian and development agencies to **collaborate with the corporate and investor communities**. As we witness a growing spectrum of humanitarian needs, this recognizes how patient investment can bring hope and improve people's lives in fragile situations.

- The Chief Minister of Andhra Pradesh, India, **N. Chandrababu Naidu**, launched the report of his government's recent joint effort with the World Economic Forum to Accelerate Sustainable Production in Andhra Pradesh. An agreement was also made to expand current efforts on Accelerating Sustainable Production and work towards the creation of a public-private platform for industry and government to collectively **drive the implementation of Fourth Industrial Revolution technologies** for sustainable manufacturing.

- Fifty-one **Schwab Foundation Social Entrepreneurs** participated in the Sustainable Development Impact Summit, including all 12 2018 Social Entrepreneurs of the Year awardees. Each of the Schwab Social Entrepreneur awardees was recognized for outstanding leadership in **pioneering solutions for social and environmental challenges** ranging from refugee family reunification and human rights to water infrastructure and financial inclusion.

- The World Economic Forum co-hosted the **TB Innovation Summit** with the Stop TB Partnership, Johnson & Johnson, UN Foundation and the Global Fund. **Eight major**

Enrique Pena Nieto speaks at the Sustainable Development in Fourth Industrial Revolution

commitments were announced from Becton, Dickinson, and Co., Cepheid, India Health Fund, Johnson & Johnson, Mitsubishi UFJ Research & Consulting Co., PATH, Stop TB Partnership, and SureAdhere Mobile Technology. Over 200 participants also signed the TB Innovation Charter.

– **AARP** and **FP Analytics** presented the Aging Readiness and Competitiveness Report, which looks at how 10 small, innovative economies, including Chile, Lebanon, Mauritius, New Zealand, Singapore and the Netherlands, are leading their regions in responding to ageing societies

– The Defeat-NCD Partnership, a public-private-people partnership to help low and lower-middle-income countries to progress towards universal health coverage for non-communicable diseases (NCDs), was officially launched, sponsored and hosted by the **Governments of Denmark** and **Tanzania** and the United Nations Office for Project Services (**UNOPS**).

– Three leading global organizations – **the Organisation for Economic Co-operation and Development (OECD)**, the **IEEE Standards Association** and the **DQ Institute** announced their engagement in the Coalition for Digital Intelligence (CDI). The coalition is a platform for coordinating efforts on raising digital intelligence across the technology and education sectors and is supported by the World Economic Forum.

Other initiatives and proposals announced or advanced include:

– **Five initial country pilots** will be launched under the Closing the Skills Gap Project in the coming months, including in four G20 economies, which will serve as platforms of learning and contributing to the global body of knowledge on preparing people for the future of work. The project also invites global businesses to commit to educating, training, reskilling and upskilling 10 million people by 2020, with over **8 million already reached**.

– The Closing the Gender Gap Project – progress made on the six initial country pilots, that serve as platforms of learning and contributing to the global body of knowledge on accelerating the closure of gender gaps. It advances SDG 5 on gender equality (achieve gender equality and empower all women and girls). In addition, the summit served as a platform for other coalitions advancing SDG 5, such as the **Unstereotype Alliance**, the **SheTrades** Initiative and the **GrOW** program.

Bineto Dip speaks at Advancing on the Security-Development Nexus

– The **Accelerating LGBTI Inclusion Initiative** held a key steering committee meeting to agree on next steps to enable and support companies to respect and protect human rights through fostering workplace inclusion of lesbian, gay, bisexual, transsexual and intersex people. A 2017 UNAIDS study estimated the global cost of LGBTI discrimination at $100 billion a year.

– Since the launch of the Global Battery Alliance in 2017, the alliance has mobilized partners, developed a major programme of public-private action, established a global secretariat and triggered seed funding as well as in-kind contributions for delivery. At the summit, **the United Nations Economic Commission for Latin America (ECLAC) supported the Global Battery Alliance** in its efforts for a sustainable and innovative value chain for lithium.

– Urban migration was a key theme throughout the summit and a number of commitments were made. These include: **UNHCR** committed to focusing the High-Level Dialogue in December 2018 in Geneva on Cities and how they are integrating refugees; **MasterCard** committed to leveraging the Forum's platform to incubate a cities demonstrator project; and the **City of Los Angeles** committed to working with the Forum to ensure that the cities voices are brought together and the C40 equivalent emerges in respect of migration and refugees.

> **By matching private and public sectors in partnership, we can break down barriers to sustainable growth, which no sector can do on its own.**

Lars Løkke Rasmussen, Prime Minister of Denmark

– Business and civil society organizations provided first-hand examples and insights into how the **Global Alliance for Trade Facilitation** (a consortium of international organizations, governments and businesses) can better capture the SDG impacts of its projects. These will be used to integrate SDG thinking into the design and evaluation of its trade facilitation projects, going beyond traditional measurements of trade costs and delays.

– With the goal of exploring and shaping momentum on **science-based targets** for companies, discussions at the summit engaged a community of businesses on the development of science-based targets across a range of environmental issues, including water, land systems, biodiversity and the ocean. By using absolute targets that help **business define what "good enough" looks like**, there is an opportunity to quantify the opportunity around the SDGs.

– Progress and opportunities to harness the Fourth Industrial Revolution for water and sanitation were discussed in the **Rewiring Water Security** session. The work of several initiatives under way to scale technology-enabled solutions for water were highlighted, including the **4IR Urban Water Resilience Initiative, Digital Earth Africa,** and the **SAP Next Gen** crowdsourcing challenge. The Forum also launched a new insight report, entitled Harnessing the Fourth Industrial Revolution for Water.

– The summit helped to shape an agenda through securing a common plan to address the financing challenge and to catalyse a coalition of countries, institutions global initiatives to collaborate on **closing the SDG funding gap**. Ministers joined representatives from private finance, foundations, donor agencies, development banks and the United Nations to explore how countries could pivot from traditional funding approaches to greater mobilization of private capital to realize their SDG agendas.

– Governor of the Bank of England and Chair of the Financial Stability Board, **Mark Carney**, encouraged ongoing support to deliver the recommendations of the **Taskforce for Climate related Financial Disclosures (TCFD)** and, in particular, to drive improved climate governance. The Forum's Climate Governance Initiative was presented at the summit, in collaboration with **Ceres**, the **B-team** and other experts.

– There was overwhelming agreement from government leaders, conservation organizations, businesses and financial institutions during a discussion on **natural climate solutions** led by **Mark Tercek**, **Chief Executive Officer of The Nature Conservancy**, that the time is right to scale investment into nature in a way that delivers benefits to people and the environment.

– Participants discussed the pendulum swing to **long-term investor stewardship and sustainable value creation** and agreed that global initiatives such as the Task Force on Climate-related Financial Disclosures have helped to build an intellectual framework, which ties what was once considered non-financial issues directly into financial results.

– The World Alliance for Efficient Solutions and Cooling for All are two pioneering initiatives that increased their momentum at the summit. The session **on Scaling Sustainable Access to Energy** further reinforced the Terrawatt Initiative and Power Africa – while the **Ramping Up Clean Energy Solutions** workshop underscored the importance of tailored policies and smart funding to allow new, clean and efficient energy technologies to enter markets or scale.

- The **Meat: the Future** session brought the challenge of providing **sustainable, affordable, nutritious protein** to a **growing population** into clear focus. Leaders across business, innovators, civil society, academia and government supported a call to action focused on both short- and long-term opportunities: leveraging the strengths of the current protein delivery infrastructure and innovator ecosystems to scale new solutions, while also seeking critical wins to shift existing industrial systems to greater resource sustainability and health outcomes.

- Key players in the action against slavery practices such as **International Justice Mission, Initiative on Human Trafficking** and **Modern Slavery at Babson College** and **BSR** came together with the World Economic Forum to take a more proactive approach in solving this global challenge. A formal taskforce was agreed up and will launch in the coming months.

- **The Tropical Forest Alliance 2020 (TFA 2020)** launched a report recommending ways in which financial institutions can take more action towards integrating environmental and social impact of soft commodities into their risk management frameworks. In order to continue driving the zero-deforestation agenda, the appointment of Justin Adams, Managing Director, Global Lands at The Nature Conservancy as the new Director of the Tropical Forest Alliance 2020 was also announced at the summit.

- The beta version of GrowInclusive, an interactive online platform that provides comparable data and actionable solutions to make business practices more transparent, inclusive and sustainable, was announced at the summit, with a **launch at Davos 2019**. The platform offers users a more structured pathway towards **measuring** and **scaling their impact** and **tracking** their contribution towards the SDGs as well as serving as a **marketplace** for impact-oriented partnerships, case studies and resources.

- The food systems dialogue spearheaded by the World Economic Forum, **WBCSD**, **EAT**, and the **Food and Land Use Coalition (FOLU)** convened leaders from across the sector in discussions to present trade-offs and define big ideas to bridge the divides in current food systems. Leaders aligned on recommendations, including improved transparency to offset and manage risk; commit to institutional innovation and systems leadership to drive large-scale change; build inclusive approaches to bio-economy for conservation of resources; and develop science-based pathways for common targets to achieving sustainable, nutritious, healthy, inclusive and efficient food systems.

The Sustainable Development Impact Summit was also designed with sustainability and the circular economy at its core

The summit was hosted in an LEED Gold-certified venue

Minimal waste: no single-use plastic; food leftovers donated to local food-rescue organization

Local and seasonal food: 80% vegetarian offerings, relying on vegetable proteins; 80% of ingredients sourced within a 100-mile radius

Use of plastic-free and compostable food and beverage containers; no bottled water

Energy management: 100% of installed lights were LED

Room decoration: FSC-certified cardboard and wood for all signage and furniture; unique furniture concept in Participants Lounge made from 100% recycled and reusable cardboard

Carbon compensation: CO2 emissions from staff air travel all compensated via carbon-offsetting projects in the US, China and Zimbabwe

How we can save the Earth

Dominic Waughray, Head of Centre for Global Public Goods, Member of the Managing Board

https://www.weforum.org/agenda/2018/09/we-can-save-the-earth-heres-how/

We hear a lot about how terrible the world is today. Greenhouse gas emissions are rising, scientists' extreme weather predictions appear to be coming true, the air in our cities is becoming dangerous, groundwater is getting scarce, ocean health and fish stocks are declining, forests and natural habitats are being destroyed, plastic in our ocean is out of control and researchers warn that a "biological annihilation" of wildlife means that a human-driven sixth mass extinction event is under way.

Worse still, earth systems scientists warn that, because of our impact on the planet, we are in real – existential – danger. We risk flipping ourselves out of the Goldilocks "Holocene" period of predictable warm weather (which has allowed humans to flourish during the past 12,000 years) and into a highly risky "hothouse Earth" scenario, with uncontrolled feedback driving faster warming and more droughts and storms.

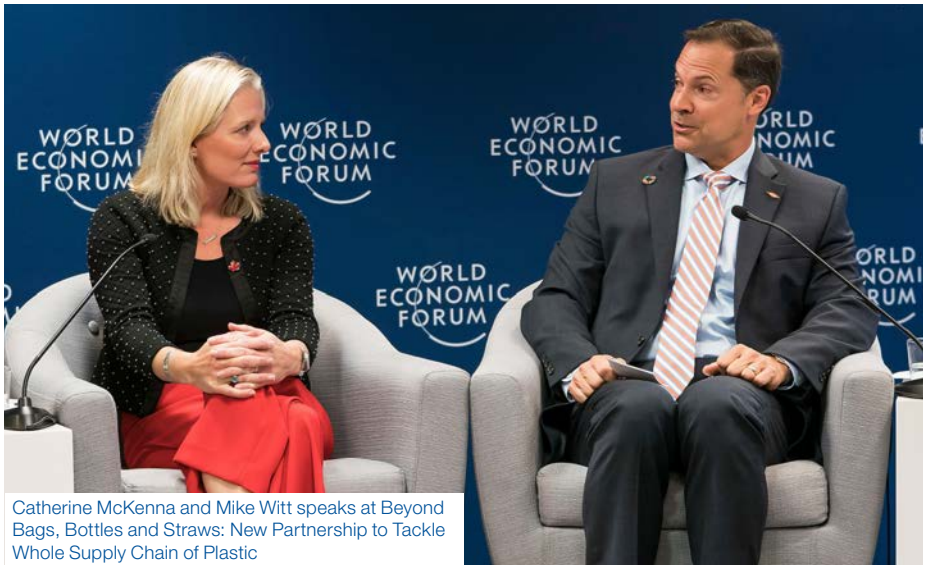
Luis Alfonso de Alba Góngora , Leanne Kemp and David Yeung at Environmental Stewardship in the Sprint to 2020

Environmental challenges

These environmental challenges have enormous implications for the economy, society and politics. This doesn't make an easy bedtime story for those who have their whole lives still ahead of them. And it sets us up for an even more unfair world than we have today as we get close to 9 billion people on the planet, more than two-thirds of whom will rub shoulders with each other in cities and towns all around the world.

Children born into poverty today – even those in relatively richer countries – will most likely not have the wealth or protection to weather the storms ahead. "Hothouse Earth" could trigger a hotbed of anger. These really are the biggest, most underpinning risks of our time.

This challenge is arriving on our watch, so what are we doing about it? For years, big environmental problems were for governments and international organizations to solve and we deferred to their leadership for action and delivery. But despite all the efforts, protocols and funds, the overall state of our global environmental commons has worsened.



Catherine McKenna and Mike Witt speaks at Beyond Bags, Bottles and Straws: New Partnership to Tackle Whole Supply Chain of Plastic

Karine Litvack at Governing Climate-Related Financial Risks

> Climate change is a battle that can be won, but only with intense urgency, and there is not enough of that right now.
>
> We will have to build a whole new economy; one that offers people both a pay cheque and a planet they can live in.

Bill de Blasio, Mayor of New York City

> **Everyone can be part of the solution. In your personal life in the way you interact with the marketplace and as a citizen... to encourage governments to make more rapid progress and increase their ambition to make the Paris Agreement much stronger**

Al Gore, Vice-President of the United States (1993-2001)

Since the first global conference on the human environment in Stockholm in 1972, economic acceleration has run faster than the ability of environment ministers to protect the planet. Perhaps rightly so, economic development trumped environmental protection for the baby boomers and Generation X.

But no longer. In the past few years, a revolution in the environmental agenda has quietly taken shape, slowly at first, like any good insurrection, then spreading into a movement, which now appears unstoppable.

Revolution in collaboration

This is a revolution in collaboration for action – a new drive for environmental cooperation that is helping NGO and CEO leaders to bind business, communities and civil society organizations together to a common purpose; a public-private repositioning that is helping environment ministers to marry "Earth" targets with "economic" targets; and a realignment that helps companies turn the risks inherent in environmental failure into new business model opportunities and partnerships for smart, clean industrial production.

What has changed? Firstly, we have realized that governments and international organizations, while vital for agreeing on global targets (the Paris Agreement on climate change and the Sustainable Development Goals are great examples), cannot be expected to deliver them alone. Environmental goals cannot be met just by environment ministries, no matter how much money they are given. It is now clear to all in the environment agenda – including those working on environment in governments and international organizations – that it takes unprecedented levels of collaboration and innovation involving many outside the public sector to trigger the big systemic changes required to achieve these ambitious goals (such as keeping warming to less than 2°C).

Global Risks Report

The 5 risks that will have the biggest impact in the next 10 years

	rank
Weapons of mass destruction	1
Extreme weather events	2
Natural disasters	3
Failure of climate change mitigation & adaptation	4
Water crises	5

Source: Global Risks Perception Survey 2017-2018, World Economic Forum

Scaling Up Gender Parity

Luhut B. Pandjaitan and Thérèse Coffey speak at Beyond Bags, Bottles and Straws: New Partnership to Tackle Whole Supply Chain of Plastic

Attendees at Ramping Up Clean Energy Solutions

Rumaitha Al Busaidi speaks at Advancing the Action Agenda for Nature

Digital Networks for Development with MIT Solve

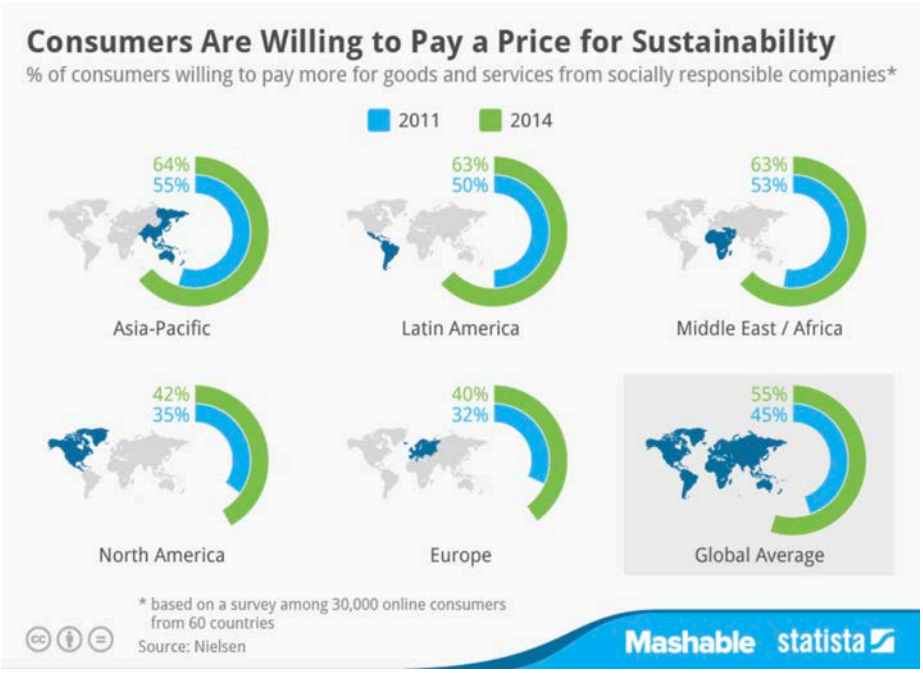
Why sustainability is now mission-critical for businesses

Terri Toyota, Deputy Head of Centre for Global Public Goods, Member of the Executive Committee
https://www.weforum.org/agenda/2018/09/sustainability-is-now-mission-critical-for-businesses-heres-why/

"Can I afford to buy organic, go sustainable or shop Fair Trade?" We have all often stood in front of store shelves asking ourselves this question. Threats from climate change, growing inequality and poor working conditions, and other mounting pressures on people and planet tell us that we can't afford not to.

But with high mark-ups on many ethical and sustainable goods it is clear that our markets, systems and supply chains are not optimized in favour of the consumer. The right choice is often not the easy choice.

Imagine instead a world in which you pay a premium for those products that are damaging to the health of our communities, workers and the environment. A vibrant sustainable market aligns economic and financial incentives, standards and regulations to promote universal access to a generous inventory of affordable and sustainable products.



Buying behaviour

This is entirely possible. In 2015, polling group Nielsen surveyed 30,000 people in 60 countries around the world. Nielsen wanted to know what influences the way consumers feel about brands – and how those feelings impact buying behaviour.

The survey found that two-thirds of respondents would happily pay more for sustainable goods. For millennials, the figure was even higher: nearly three out of four were willing to pay between 10% and 25% more for sustainable products and services. The year before, only half of those polled would have demonstrated a similar behaviour.

Notably, the results showed that in developed markets where consumers face an abundance of choice and where the consequences of extreme social-economic inequality, encroaching environmental threats and limited

opportunities for decent, safe work are more remote, the percentage of people willing to pay more was lower.

It follows then that there is much more scope, and demand, for engineering markets and promoting sustainable principles to consumers in emerging and developing economies. Consumers are seeking – and choosing – healthier, greener and more socially responsible options. And they are willing to dig deep.

Given this growing global demand, is the supply of sustainable products and services forthcoming? Yes. A growing number of businesses recognize that there is a competitive edge here. As executives realize the interconnected nature of poverty, sustainability and equality – the so-called wicked, interconnected challenges – and how they impact business competitiveness, large multinationals are increasingly looking to shore up their resilience.

This year, the investment magazine Barron's produced its first annual list of the 100 most sustainable companies in the United States. It reported that these companies enjoyed remarkable share price growth of 29% in 2017, compared to 22% for the S&P 500 index.

This trend is not just true within the US. Preliminary results of the 2018 Global Sustainability Index Institute report, analysing 400 of the world's largest companies with a combined market cap of more than $25 trillion, indicate that "the number of statements on the Sustainable Development Goals (SDGs) had more than doubled. Companies are more vocal on the SDGs in their annual reports due to the positive benefits to company performance and in response to stakeholder interest".

We must galvanize partners and mobilize resources. We have to encourage the next generation of global citizens to innovate and disrupt to challenge the status quo.

Alex Gorsky, Chairman and Chief Executive Officer, Johnson & Johnson, USA

A positive balance

Businesses are grasping just how much potential profitability and value are on offer. The intangible materiality and value associated with integrating positive environmental and human impact are strategic drivers, which can at the same time reduce costly risks to brand and reputation. Additionally, this approach appeals to an increasing desire and ambition among businesses to create a positive balance in the relationship between equitable growth and prosperity: representing employees, consumers and investors, and preserving the planet as the source of raw materials.

In short, sustainability bolsters the bottom line, boardrooms and corporate reputations. Good practice is mission-critical.

This trend is being reinforced by investors. One notable recent example is Larry Fink, Chief Executive Officer of BlackRock, the world's largest asset manager, who has appealed to his counterparts in the business world. "Society increasingly is turning to the private sector and asking that companies respond to broader societal challenges," he wrote. "Indeed, the public expectations of your company have never been greater. Society is demanding that companies, both public and private, serve a social purpose. To prosper over time, every company must not only deliver financial performance, but also show how it makes a positive contribution to society. Companies must benefit all of their stakeholders, including shareholders, employees, customers, and the communities in which they operate."

How to close the funding gap for the SDGs

Philip Moss, Head of Sustainable Development Investment Partnership (SDIP)

The gap in financing required to achieve international ambitions for sustainable development is daunting, with estimates of a $5 trillion-$7 trillion a year gap dwarfing the availability of traditional sources to provide sufficient capital. This burden is shared by developed countries and emerging economies alike, but the impacts of failing to address the funding shortfall poses a greater challenge for those in low-to middle income countries.

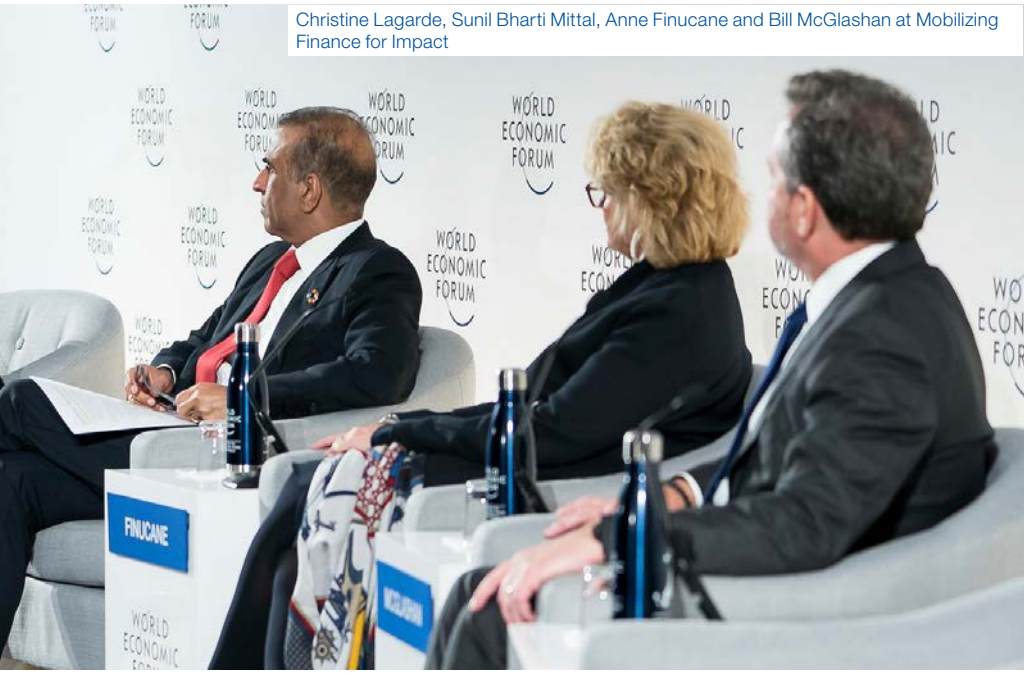
Bridging the estimated $2.5 trillion gap per year across developing countries, which recent reports suggest may be much larger, requires a significant increase in capital flows to countries which have traditionally struggled to attract private capital due to real and perceived risks.

William Francis Morneau at Mobilizing Trillions for the SDGs

Various factors have contributed to the difficulty of these markets to attract capital to support their development ambitions, including regulatory frameworks, local currency volatility and a tradition of funding from the public balance sheets that has resulted in debt levels in many African countries approaching the 50% debt-to-GDP ceiling recommended by the International Monetary Fund (IMF). Heavy reliance on Official Development Assistance (ODA) that has contributed to fiscal policies that view funding as a government remit.

Catalysing private capital

The inability of countries to effectively engage private capital is readily shown by the lack of representation of the private sector. For example, there have been only 14 public private partnership (PPP) projects over the past five years (excluding energy and ICT) in sub-Saharan Africa and is perhaps one reason why private capital markets have traditionally been reluctant to engage in



Christine Lagarde, Sunil Bharti Mittal, Anne Finucane and Bill McGlashan at Mobilizing Finance for Impact

> **5-7 trillion per year is required... the money that is coming through is woefully inadequate compared to those numbers.**

Sunil Bharti Mittal, Founder and Chairman, Bharti Enterprises

developing countries, despite evidence of lower default and higher growth rates than their European and North American counterparts.

International financial institutions supporting the Sustainable Development Goals (SDGs) agenda are aware of the need to step up spending to reduce poverty and protect the environment. Christine Lagarde, Managing Director of the IMF, recently noted the significant commitment of resources required to meet the challenge, estimated at 14% of annual GDP in least developed countries. Subsequently, institutions such as the World Bank Group have emphasized the need for a "cascade framework" to catalyse private capital in support of the SDGs, while the Inter-American Development Bank has established NDC Invest, a one-stop shop to help countries access resources needed to translate national climate commitments into investment.

Despite these best efforts, mobilization of private capital has been marginal and has failed to address fundamental issues of countries that are limiting national progress towards achieving their development goals, namely a tendency for governments to fund projects directly rather than partnering with the private sector on financing.

Addressing the challenge

So how can the global community address this challenge? A significant shift in the use of funds by governments to allocate pools of public, private and philanthropic capital to where they are most effective is required. The implementation of institutional reforms that would allow a pivot at the national level from funding to financing is needed. New skills, toolkits and instruments must be developed that are fit for purpose to address the partnership between government and private institutions, and the private sector must be seen as a partner in establishing more commercial approaches to prioritizing and financing critical projects. Regulation should evolve to incorporate private sector considerations to ensure that the right investment environment is in place to attract "new" sources of capital.

One practical tool that could help enable private capital flows are the national commitments under the Paris Agreement and SDGs. By providing visibility and transparency to markets on the future pipeline of projects that a country needs to develop to reach these commitments, different types and sources of capital could be used more effectively across the investment lifecycle, with public funds allocated for the most efficient purposes.

Similarly, gaps in funding or risk mitigation tools that are required at the national level could be identified more readily addressed through new instruments. **Colombia** and **Ghana** are

two examples of countries that have undertaken the commitment to embed the SDGs into the heart of their national planning process and are finding that it is providing a focus for investors and a framework for reforms to mobilize private capital.

Collaborating on regulation

To facilitate this transition to an SDG-oriented economy with private capital support, resources must be committed to ensure that domestic institutions are adequately equipped to collaborate with institutions taking a commercial view on financing, and that these national economies have an investment environment that can support private institutions. This will require countries to orient their agencies to accommodate private capital more readily and collaborate on the development of regulation that can provide long-term visibility for investors. In effect, a new language needs to be established between public and private institutions that allows both parties to meet their separate but aligned incentives.

So where does a country start? A number of initiatives and platforms have emerged in the international development finance ecosystem to address this SDG transition challenge, recognizing that strong partnership is required between all stakeholders including governments, philanthropy, the private sector and citizens.

The NDC Partnership, a coalition of countries and institutions working to mobilize support and achieve ambitious climate goals while enhancing sustainable development, has been working with countries to establish their pipeline of projects required to meet their commitments under the Paris Agreement. For example, Namibia has recently established a plan with the NDC Partnership, resulting in support being pledged from institutions including the African Development Bank (AfDB), the Food and Agriculture Organization of the United Nations (FAO), the European Commission (EC), the UN Development Programme (UNDP), the World Bank and the World Resources Institute (WRI).

Similarly, efforts have been under way under the auspices of the 'Closing the Investment Gap' initiative, established as a loose coalition of four countries working to refine their portfolios with the financial community to help their projects reach bankability.

Financing landmark projects

Finally, the **Sustainable Development Investment Partnership (SDIP)**, a coalition of 41 public, private and philanthropic institutions hosted by the World Economic Forum and the Organisation for Economic Co-operation and Development, has contributed to the first-of-its-kind financing of a roads project in Kenya and is supporting the development of blended finance instruments that contribute to deepening local capital markets.

Other examples of collaboration in the financial markets are also emerging. **The Managed Co-Lending Portfolio Program (MCPP),** a syndications platform managed by the International Finance Corporation (IFC), has attracted $2 billion from a number of investment managers that allows for investment in emerging and frontier markets by relying on the IFC's experience and track record. Thematic instruments that support the SDG agenda are also becoming increasingly prevalent, with the emergence of **green bonds (to support climate investments) and blue bonds (to support the oceans),** as well as instruments supporting the SDGs more broadly in the form of **Exchange Traded Funds (ETFs)** and dedicated **SDG funds**, all of which offer countries opportunities to access new sources of capital.

So, what should countries commit to doing if they wish to secure resources for their development? To achieve the pivot to "financing", a holistic approach that allows effective coordination at a country level is needed.

William Francis Morneau, Karin Finkelston and George Yaw Gyan-Baffour at Mobilizing Trillions for the SDGs

Firstly, a fundamental rethink about how a country develops projects needs to take place, with the project development lifecycle – from concept to implementation – being reimagined to establish a national SDG national plan that identifies the required contributions of private capital and expertise. Countries must reflect on their procurement and prioritization processes and address outstanding capacity gaps that will help project financing to be streamlined. This reassessment will also require new skillsets within government agencies to ensure technical and financial proficiency, as well as the adoption of impact metrics and measurement approaches for these projects.

Secondly, a better understanding of the right types of capital and their primary uses is needed to ensure that existing sources of capital can be effectively allocated. A national plan can provide a global view of the financing needs at different types of financing (both public and private), ensuring viability gaps are addressed and limited public funds are deployed where they are most needed across the investment lifecycle. Finally, the enabling environment for investment must address the concerns and needs of commercial interest to increase access to private capital. Partnership with the private sector in shaping the regulatory framework is required to overcome the negative risk perceptions of commercial interests, which create the barriers that limit investment.

Reform of each of these pillars will require fundamental changes in the way that governments and their agencies operate, but these changes offer tremendous potential to dramatically increase opportunities for, and access to, investors. At the same time, diversifying sources of capital by implementing an SDG agenda will provide a stronger foundation for governments to establish sustainable economies while ensuring countries can make tangible progress towards meeting their SDG commitments.

As more and more millennials become empowered, the trend of sustainable investment will accelerate.

Barbara Novick, Vice-Chairman, BlackRock

Børge Brende at Investing in Stability Through Market-Based Solutions

Sharing Data for the Public Good

Sharing Data for the Public Good

Gyan-Baffour speaks at Mobilizing Finance for Impact

Ramping Up Clean Energy Solutions

Supporting Urban Migration

Designing Models to Feed the Planet Sustainably and Nutritiously

Rewiring Water Security

Jeffrey Hales at Advancing Global Environmental, Social and Governance Standards

Gabriela I. Ramos Patiño speaks at Partnering for Digital Intelligence

Feike Sybesma at What's Next to Deliver the SDG Agenda

Accelerating sustainable development is more than a matter of technology

Richard Samans, Head of Policy and Institutional Impact, Member of the Managing Board

We're standing at a crossroads in history when new technologies are radically transforming people's lives across the world. Emerging technologies such as blockchain, artificial intelligence (AI), genetic engineering, robotics and quantum computing will change the way we produce and consume, work and exchange value, live, trust and relate to one another.

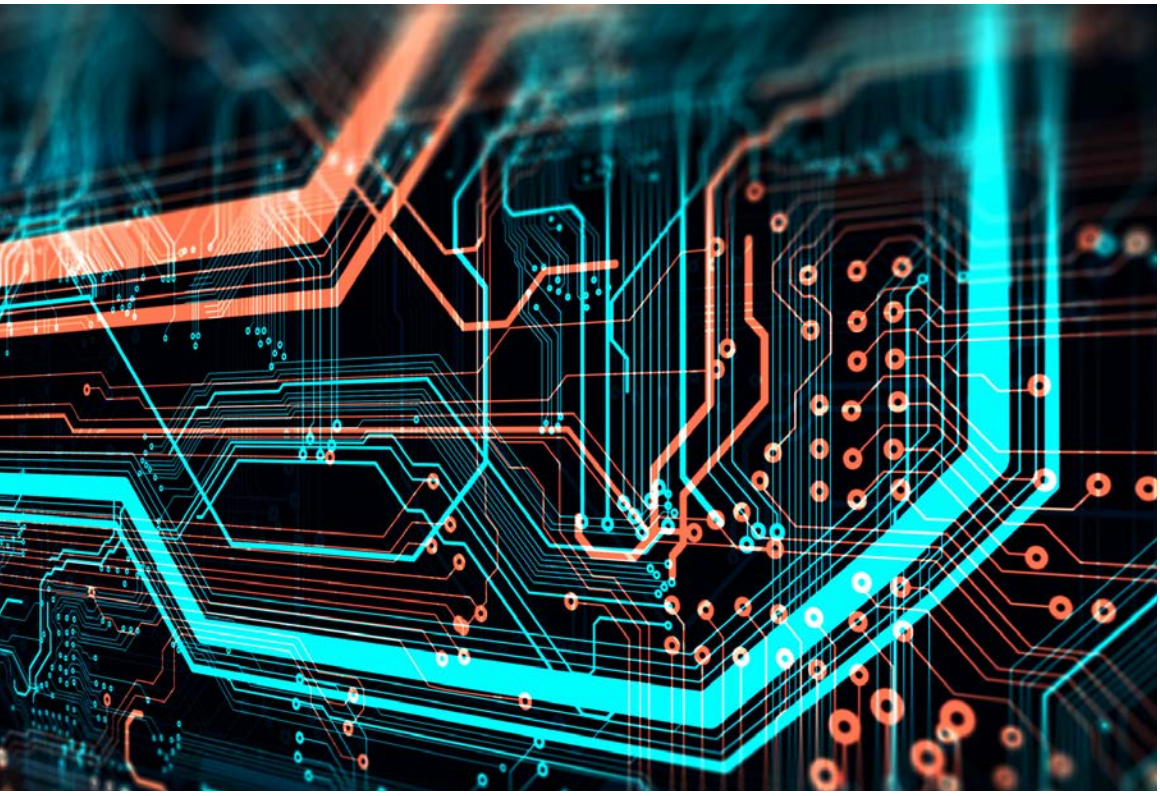
There is a great opportunity to better apply these emerging technologies in ways that accelerate progress toward the Global Goals and the Paris climate-agreement target. However, as was mentioned several times during the Sustainable Development Impact Summit, lack of technology is not the problem. The biggest challenge is not the development of transformative technologies themselves but how they are disseminated, governed and applied to efforts to meet the Sustainable Development Goals (SDGs).

The summit examined multistakeholder initiatives and partnerships addressing multiple facets of this challenge. Real-world examples of development and climate change applications of emerging technologies were combined with discussion about how to scale their impact through the engagement of new partners and expansion of support for existing ones.

Examples included:

- Harnessing geospatial data and earth observation for public decision-making and advancing the SDGs particularly in agriculture, energy, mining, water management and food security. This includes applying geospatial data and related technology in ways that empower local communities through crowd-sourcing, media engagement and local innovation challenges.

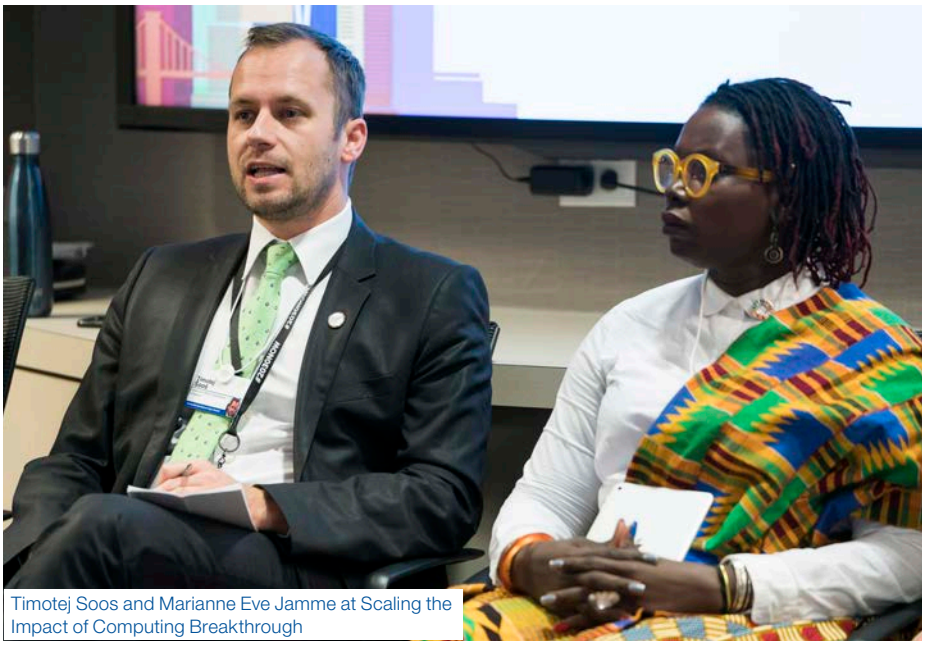
Bruktawit Tigabu at What's Next to Deliver the SDG Agenda



- Using blockchain and distributed ledger technology to help reduce corruption, not necessarily by starting with the most difficult and entrenched problems but by building successful coalitions around smaller test cases to establish ecosystems of users, cooperative government agencies and technology companies.
- Harnessing AI and computing power to combat global hunger by developing digital agriculture solutions that increase the efficiency, quality and sustainability of global food production. This includes gathering data from sensor networks and processing it in ways that inform farming decisions and even public policy to enhance food security and improve lives around the world.

- Creating socially focused digital platforms that collaborate with corporations, not just for financing but also to identify and support needy populations among their suppliers, employers and other stakeholders

- Harnessing digital networks for education. Digital networks can fulfil many gaps in national education systems: gathering data on existing systems' effectiveness and on the population's needs; expanding education access in poor urban and rural areas; providing multiple learning formats (some guided, some self-directed) to meet students' varied needs; and offering support for job placement.



Timotej Soos and Marianne Eve Jamme at Scaling the Impact of Computing Breakthrough

- Using blockchain for bio-innovation in ways that share information on genetic sequencing, pool knowledge about the world's biodiversity and build a surrounding system of trust to ensure that the value extracted from this information benefits all involved stakeholders. These new systems can learn from successful pilot projects, such as the Earth Bank of Codes.

A social welfare revolution

We must be innovative in applying emerging technologies for public good and progress. Take energy as an example. The Fourth Industrial Revolution will be a renewable energy revolution, yet it will look nothing like last century's energy transition. Today, the cost of distributed solar energy technology is becoming so competitive that the business case for large scale solar infrastructure is eroding such that it will need to be bundled with other services. Moreover, building energy grids geared for the type of large-scale, centralized manufacturing as was the case during the late 19th century and early 20th century in Europe and North America will not fit future demands of energy consumption and patterns of production in many developing countries. Powering rural communities with solar power is, therefore, not so much a question of technology but of application and business model innovation.

One idea to power rural communities could be to build hyperlocal mini-systems powered by solar energy and built around a localized distribution grid. Contrary to traditional energy systems, these hyperlocal systems could do much more than just provide energy. Imagine they were from the outset designed to power the local school and healthcare facilities, had a blockchain or other digital solution for distribution, management and ownership of value generated locally, provided a local connectivity source while also providing digital identities for residents. Contrary to the incremental approach to development Western economies have had, the Fourth Industrial Revolution gives us an opportunity to rethink development and from the outset create more holistic, locally tailored, sustainable and interoperable systems seamlessly advancing progress on not just energy, but value, trade, connectivity, education and communication.

Solving the three As: applicability, availability and affordability

To accelerate and scale the applications of technologies for the SDGs, we must solve the three critical issues of applicability, availability and affordability.

First, technologies must be applicable to the problems at hand. This requires us to rethink the design of technologies systematically so that much more of the solutions are developed locally with citizens and end-users as the key drivers. As technological innovation is still disproportionately located in key centres in developed countries, which have stronger infrastructure to support the start-up culture, investment opportunities in technological advancement, as well as legal environments that maintain stringent protections for intellectual property, it is critical to accelerate local innovation capacities. Given the increasing importance of skills and education in the development and use of technologies, the Fourth Industrial Revolution will make closing the research and educational gap between advanced and developing countries even more important.

Secondly, technologies must be available where and when needed. The heavy reliance of Fourth Industrial Revolution technologies on digital and power infrastructure makes closing the digital divide – both within and across countries – far more urgent. The ability to take part in and otherwise harness the Fourth Industrial Revolution for social and economic progress assumes a minimum degree of access to both the internet and reliable electricity. Providing reliable electricity to the 1.2 billion people still without it and connecting the 4 billion people who lack access to the internet

will be necessary for the world's 1.7 billion unbanked people to benefit from blockchain-based financial services solutions and its 600 million smallholder farmers to be able to apply machine learning and cloud computing to increase their yields.

Finally, we need to address affordability. Technologies will only contribute decisively to achievement of the SDGs if they are utilized by currently marginalized communities. Young people are incredibly entrepreneurial across the developing world, but to build the next digital micro-insurance products, harness the power of drones for agriculture or harness gene-editing capabilities for local diseases, local innovators will need to be able to afford the relevant technologies. Technology creators will often not only need to provide a productivity enhancing technical solution but also a creative financing and implementation model that young entrepreneurs can fit into, often in partnership with other public, civil society and business actors.

Accelerating sustainable development in the Fourth Industrial Revolution will require much more than just technologies. It will require innovation in the design, dissemination, integration, application and governance of technologies in to meet the SDGs and create a more human-centred, sustainable and inclusive future.

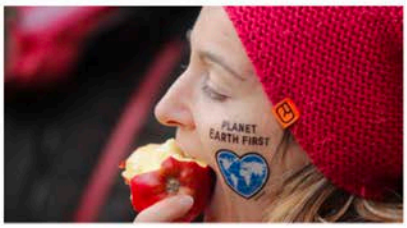
For this reason, future Sustainable Development Impact Summits will place special emphasis on multistakeholder partnerships and alliances that apply the transformative potential of Fourth Industrial Revolution technologies to the SDG and climate change objectives that countries have set for themselves through their national plans.

We can't achieve the SDGs through the status quo or just some extra development assistance. We need a shift in the business model.

Børge Brende, President, World Economic Forum

Digital Networks for Development with MIT Solve

Digital Update



Climate Change

What next? 4 ways to build a sustainable future

Jenny Soffel, Poppie Mphuthing 25 Sep 2018

Agenda in Focus: Social Entrepreneurs

World-changers: meet the Social Entrepreneurs of the Year 2018

Hilde Schwab 24 Sep 2018

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Sustainability is now mission critical for businesses. Here's why

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We can save the Earth. Here's how

Dominic Kailash Nath Waughray 21 Sep 2018

Fourth Industrial Revolution

It's time to move: 5 ways we can upgrade our SDG navigation systems

Dave Prescott, Josephine Damstra, Carolien de Bruin
25 Sep 2018

Agriculture, Food and Beverage

This is how smallholders can secure our food's future - and their own

Patrick Struebi 25 Sep 2018

The event page of the Sustainable Development Impact Summit 2018 provides more information from the meeting, including photographs, press releases, social media and webcasts of selected sessions.

This report is also available to download:
http://www3.weforum.org/docs/SDI18_Report.pdf

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