

# Program

Day 1

14<sup>th</sup> November 2016

## 1.1 WELCOME AND GENERAL INTRODUCTION

9.15-10.30 am

### *Greetings and keynotes:*

- HE Mrs. Minister Hakima El Haite, Minister of Environment, High Level Climate Champion, Kingdom of Morocco
- Mrs. Laurence Tubiana, Founder, Institute for Sustainable Development and International Relations (IDDRI), High Level Climate Champion
- Mr. Paul Polman, CEO of Unilever & Chairman of World Business Council for Sustainable Development (WBCSD)
- Mr. Chang Beom Kim, Ambassador of International Relations of Seoul Metropolitan Government & Representative of President Won Soon Park of ICLEI - Local Governments for Sustainability
- Prof. Jeffrey Sachs, Special Advisor to the UN Secretary General and Director of UN Sustainable Development Solutions Network (SDSN)
- Mr. Bertrand Piccard, Initiator, Chairman and Pilot of Solar Impulse & United Nations Goodwill Ambassador

10.30-11 am

### *Networking break*

## 1.2 MID-CENTURY STRATEGIES FOR DEEP DECARBONIZATION AT CONTINENTAL, NATIONAL, AND SUBNATIONAL SCALES

11.00-12.30 am

### *Introduction and moderation: Mr. Guido Schmidt-Traub, executive Director, UN Sustainable Development Solutions Network (SDSN)*

- Government mid-century strategies in response to Paris Agreement Article 4.19. Moderated by Guido Schmidt-Traub, Executive Director, SDSN
  - U.S.: Jonathan Pershing, Special Envoy on Climate Change
  - Canada: Mr. Stephen Lucas, Senior Associate Deputy Minister at Environment and Climate Change Canada
  - Mexico: Dr. Rodolfo Lacy Tamayo, Undersecretary for Environmental Policy and Planning
- The Deep Decarbonization Pathways Project (DDPP). Moderated by Jim Williams, DDPP Director, SDSN

- Russia: Dr. George Safonov, Director of the Center for Environmental Economics, Higher School of Economics
- China: Prof. Teng Fei, Institute of Energy, Environment, and Economy, Tsinghua University or Dr. Liu Qiang, National Center for Climate Change Strategy
- Mexico DDPP team: Dr. Daniel Buira, CEO & President of Tempus Analitica
- Canada DDPP team: Dr. Chris Bataille, Institute for Sustainable Development and International Relations
- The Under 2 MOU. Moderated by Libby Ferguson, The Climate Group
  - California, U.S.: Ken Alex, Director, Governor's Office of Research and Planning
  - Jalisco, Mexico: Aristoteles Sandoval, Governor of Jalisco
  - Cross-River State, Nigeria: Alice Ekwu, Commissioner for Climate Change of the Ministry of Climate Change
  - South Australia: Stuart Hocking, Deputy Chief Executive, Department of Treasury and Finance

**12.30-1.30 pm**     *Lunch break*

### 1.3 MISSION INNOVATION

**1.30-2.45 pm**

#### ***Opening & status of Mission Innovation***

- Prof. Jeffrey Sachs, Special Advisor to the UN Secretary General and Director of UN Sustainable Development Solutions Network (SDSN)
- Mr. Ernest Moniz, Secretary of Energy, United States
- Mr. Arias Cañete, European Commissioner for Climate and Energy, European Commission
- Mrs. Sharon Dijksma, Minister for the Environment, Netherlands
- Mrs. Anne Vasara, Ambassador of Finland to the Kingdom of Morocco
- Mr. Nick Hurd, Minister of State for Climate Change and Industry, Department of Business, Energy and Industrial Strategy, United Kingdom

#### ***Panel I: Innovation in Homes, Buildings, Industry and Power***

- Mr. Josh Frydenberg, Minister for the Environment and Energy, Australia
- Mr. Piyush Goyal, Minister of State with Independent Charge for Power, Coal, New and Renewable Energy and Mines, India [invited]
- Mr. Khalid al-Falih, Minister Energy, Industry and Mineral Resources Saudi Arabia
- Mrs. Ségolène Royal, Minister of Environment, Energy and Marine Affairs, France

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### ***Panel II: Innovation in Systems, Infrastructure and Fuels***

- Mr. Rodolfo Lacy, undersecretary for Environmental Policy and Planning, Mexico
- Mr. Piyush Goyal, Minister of State with Independent Charge for Power, Coal, New and Renewable Energy and Mines, India [invited]
- Mr. Matar Hamed Al Neyadi, Undersecretary, Ministry of Energy, United Arab Emirates

### ***Closing Remarks***

- Mr. Peter Bakker, President and CEO, WBCSD
  - Mr. Ernest Moniz, Secretary of Energy, United States
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**2.45-3.00 pm      *Networking Break***

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## **1.4 THE CONTRIBUTION OF ICT TO CLIMATE ACTION IN OTHER SECTORS**

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**3.00-4.30 pm      *Introduction and moderation:* Mr. Philipp Buddemeier, Director, Accenture**

- Mrs. Joan Krajewski, General Manager USA DSC Safety, Compliance & Sustainability, Microsoft USA
  - Mr. Eric Rondolat, Chief Executive Officer, Philips Lighting
  - Mrs. Matilda Gennvi Gustafsson, Sustainability Director, Ericsson
  - Mr. Caspar Herzberg, Head of Africa, Schneider Electric
  - Mr. Vijay Modi, Professor of Mechanical Engineering at Columbia University
  - Mr. Neil Gerber, Director of Strategy, Energy & Environment, Energy & Utilities Industry, IBM
  - Q&A and conclusion
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**4.30-4.45 pm      *Networking Break***

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## **1.5 ICT INNOVATIVE APPROACH TO RAISING COMMITMENTS TOWARDS CLIMATE**

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**4.45-5.45 pm      *Introduction and moderation:* Mrs. Cristina Bueti, Advisor, ITU**

- Mr. Malcolm Johnson Deputy Secretary General ITU
  - Mrs. Frances Way, Chief Operating Officer, CDP
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- Mr. Thierry Valette, CTO Huawei Access Network, member of FTHH Council
- Mr. Bill Weihl, Vice President Sustainability, Facebook
- Mr. David Hochschild, Commissioner, California Energy Commission
- Ms. Gabrielle Ginér, Head of Sustainable Business Policy, BT Group
- Q&A and conclusion

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## 1.6 DRIVING NDC IMPLEMENTATION THROUGH THE CLEAN ENERGY MINISTERIAL

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6.00-7.00 pm

### Part I: High level remarks from ministers

- Mr. Ernest Moniz, Secretary of Energy, United States
- Mr. Lars Christian Lilleholt, Minister of Energy, Utilities and Climate, Denmark
- Mr. Ignasius Jonan, Minister of Energy and Mineral Resources, Indonesia
- Mr. Khalid al-Falih, Minister Energy, Industry and Mineral Resources Saudi Arabia
- Mr. Josh Frydenberg, Minister for the Environment and Energy, Australia
- Mr. Piyush Goyal, Minister of Power, India [invited]
- Mrs. Ségolène Royal, Minister of Environment, Energy and Marine Affairs, France [invited]

### Part II: Panel discussion on CEM Initiatives and Campaigns delivering results

- Moderator: Mr. Ajay Mathur, Director General, The Energy & Resources Institute (TERI)
- Mr. Matar Hamed Al Neyadi, Undersecretary, Ministry of Energy, United Arab Emirates
- Mr. Stephen Lucas, Deputy Minister of Environment and Climate Change, Canada
- Mr. Mahama Kappiah, Executive Director, ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)
- Mr. Paul Simons, Deputy Executive Director, International Energy Agency (IEA)
- Mr. Peter Bakker, President and CEO, World Business Council for

Sustainable Development (WBCSD) [invited]

- Mrs. Kate Hampton, Executive Director, Children's Investment Fund Foundation (CIFF) [invited]

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## Day 2

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15<sup>th</sup> November 2016

### INNOVATION HUB – Featured Innovators:

- Dr. Georg Markowz, Principal Scientist, Evonik
- Mr. KC Tran, Co-Founder, Carbon Recycling International
- PE Adrian Corless, CEO, Carbon Engineering
- Dr. Christian Von Oldshausen, Founder/CTO, Sunfire
- Dr. Jon Agust Thorteinsson, Founder, Marorka
- Mr. Stéphane Aver, Chairman and Co-founder, Aaqius
- Mr. Amar Nouafal, Co-Founder and Director, FABLAB IFMIA, Casablanca
- Mr. Ghislain, Dessieh Degbe, Co-Founder & CEO, Africa For Green

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## 2.1 LOCAL CLIMATE ACTION: STRATEGIES AND IMPLEMENTATION

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- 9.15-10.30 am     ***Introduction and moderation:*** Mr. Gino Van Begin, Secretary General, ICLEI, Local Governments for Sustainability
- Mrs. Maryke van Staden, Low Carbon Cities Program Manager, ICLEI, Local Governments for Sustainability
  - Mr. Leszek Drogosz, Director of Infrastructure Department, City of Warsaw, Poland
  - Mr. Antoine Faye, Chief Resilience Officer, City of Dakar, Senegal
  - Dr. Li Junfeng, Director General, National Centre for Climate Change Strategy and International Cooperation, China
  - Mr. William Sisson, Director of Sustainability, United Technologies
  - Q&A and conclusion

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10.30-11 am     ***Innovation Award Ceremony (15 minutes) & Networking break***

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- Sebnem Rusitschka, Francois Sonnet, David Oren, Stefan Grosjean, consortium from ElectraSeed, Europe
- Vincent Schachter, VP Energy Products and International Business Development, eMotorWerks, USA and Europe
- Lawrence Orisini, Founder and Principal from LO3 Energy

## 2.2 SMART LOW CARBON AND SUSTAINABLE CITIES

11.00-12.00 am

***Introduction and moderation:*** Mr. Roman Mendle, Smart Cities Program Manager, ICLEI, Local Governments for Sustainability

- Mrs. Michèle Pappalardo, Coordinator, Vivapolis
- Mr. Haron Idris, Chief Minister of Melaka, Malaysia
- Mr. Don Iveson, Mayor of Edmonton, Canada
- Mrs. Akiko Miura, Director Cap and Trade, Tokyo Metropolitan Government, Japan
- Ms. Sylvia Parienté, CEO, Exochems Environment, Morocco & France
- Q&A and conclusion

## 2.3 SUSTAINABLE CONSTRUCTION : ENERGY EFFICIENCY AND SUSTAINABLE MATERIALS

12.00-1.00 pm

***Introduction and moderation:*** Ms. Jennifer Layke, Global Director, Energy Program, WRI

- Mr. Peter Moonen, National Sustainability Manager, Canadian Wood Council
- Mr. Nev Hyman, Founder, Nev House
- Ms. Karen Scrivener, Professor and Researcher, École Polytechnique Fédérale de Lausanne
- Mr. Marcel Cobuz, CEO LafargeHolcim Morocco
- Mr. John Thwaites, Chair, ClimateWorks Australia
- Q&A and conclusion

1.00-2.00 pm

***Lunch break***

## 2.4 INTRODUCTION TO MOBILITY CHALLENGES AND INNOVATION IN THE TRANSPORT SECTOR

2.00-2.30 pm

***Introduction:*** Mr. Ahmed Barroudi, CEO of SIE (Société d'Investissement Energetique), Morocco

- Mr. Patrick Oliva, Senior Vice President of Sustainable Mobility and

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Energy Transition, Michelin Group

- Mr. Peter Bakker, President and CEO, WBCSD
  - Mr. Nasry Juan Asfura Zablah, Mayor, City of Tegucigalpa, Honduras
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## 2.5 ELECTRIC AND HYDROGEN MOBILITY

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2.30-3.30 pm

**Introduction and moderation:** Mr. Alexis Gazzo, Partner, Climate Change and Sustainability Services, EY

- Mr. Christian Girardeau, Electric Vehicle Vice President, Schneider Electric a
  - Mr. Sylvain Allano, Co-founder, Ma3D Technologies
  - Mr. Andreas Klugescheid, Head of Steering Governmental and External Affairs and Sustainability Communications, BMW Group
  - Mr. Toshifumi Kokubun, Vice President Partner, Deloitte Tomatsu Consulting in Japan
  - Mrs. Lan Marie Nguyen Berg, Vice Mayor for Environment and Transport, City of Oslo, Norway
  - Q&A and conclusion
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3.30-4.00 pm

**Keynote (15 minutes) & Networking break**

SDSN Youth Solutions Report – Mr. Dario Piselli, Project Leader & Ms. Anastasia Kostamarova, Project Officer, SDSN Youth

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## 2.6 LOW CARBON FUELS

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4.00-5.00 pm

**Introduction:** Ms. Rachel Kyte, CEO, SE4ALL (15min)

**Moderation:** Mr. Gerard Ostheimer, SE4ALL

- Mr. William Brandt, Director of Strategic Integration, ASU Lightworks: Technology constraints and opportunities in the low carbon fuels
  - Mr. Sean Simpson, Co-Founder and CSO, LanzaTech: Low carbon fuel production from biomass and residues by gas fermentation
  - Mr. David Burns, Manager, National Wildlife Federation: Evolution of sustainable fuels in the market and strategies to get technology from the lab to the market
  - Ms. Nour Amrani, Manager, Novozymes: Novel enzymes for sustainable fuels
  - Mr. Andreas Foller, Sustainability Manager, Scania: Learnings from the Etha Project in Sweden
  - Q&A and conclusion
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## 2.7 LOW-CARBON FREIGHT & SHIPPING

5.00-6.00 pm

**Introduction & Moderation:** Mr. Vincent Benezech, Transport Analyst,  
Organisation for Economic Co-operation and Development (OECD)  
International Transport Forum

- Mr. Martin Rapos, Energy and Mobility Director, Route Monkey
- Dr. Tristan Smith, Researcher & Lecturer in Energy and Transport, University College London Energy Institute
- Mr. Sudhir Gota, Consultant, The Partnership on Sustainable, Low Carbon Transport (SLoCaT)
- Mr. Rachid Tahri, President, Moroccan Freight Forwarders Association (AFFM)
- Mr. Sébastien Bougon, Founder, Flying Whales
- Q&A and conclusion





16<sup>th</sup> November 2016

**INNOVATION HUB – Featured Innovators:**

- Dr. Christian Folke, Project Leader, Uniper
- Dr. Christopher Gebald, Founder/CEO, Climeworks
- Dr. Juan Sanchez Founder and Chairman, ADEX
- Mr. Karim El Alami, CEO, eLum
- Prof. Francis Farley, University of Southampton
- Mr. Tony Nyagah, CEO, Strauss Energy
- Mr. Flavien Kouatcha, Founder & CEO, Save our Agriculture
- Mr. Mehdi Berrada, Founder, ALTO Solution

**3.1 CLEAN ENERGY: LEADING THE TRANSITION**

9.15-10.30 am

***Introduction and moderation:*** Mr. Philippe Joubert, Executive Chairman  
Global Electricity Initiative, World Energy Council

- Mr. Jordan Sturdy, Parliamentary Secretary for Energy Literacy and the Environment, British Columbia Government
- Mr. Eric Maucourt, Deputy Vice President for Sustainable Development, EDF
- Mr. Juan Ramon Silva Ferrada, Chief Sustainability Officer, Acciona
- Ms. Mandy Rambharos, Climate Change and Sustainable Development Manager, Eskom
- Mr. Carlos Sallé, Director of Energy Policy and Climate Change, Iberdrola
- Q&A and conclusion

10.30-11 am

***Keynote (15 minutes) & Networking break***

COP22 launch of #BrightMindsChallenge: fast-forwarding solar & energy storage innovation” – Ms. Paulette van Ommen, Sustainability Manager, DSM (10 minutes)

International Energy Efficiency Initiative launch - Mr Said Mouline, CEO of ADEREE (5 min)

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## 3.2 SMART GRIDS

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11.00-12.30 am

**Moderator:** Pr. Vijay Modi, Professor, Columbia University

- Mr. Terry Boston, Former President and CEO, PJM Interconnection
  - Mr. Deepak Divan, Director of Intelligent Power Infrastructure Consortium (IPIC)
  - Ms. Maxine Ghavi, Head of Microgrids Initiative, ASEA Brown Boveri (ABB)
  - Mr. Anjan Bose, Regents Professor, Washington State University
  - Mr. Felix Zhang, Executive Director, Envision Group
  - Q&A and conclusion
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12.30-1.30 pm

**Lunch break**

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## 3.3 INDUSTRY CLIMATE ACTION AND CCUS

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1.30-2.45 pm

**Moderation:** Dr. Julio Friedmann, Principal Deputy Assistant Secretary For Fossil Energy, U.S. Department of Energy

**Introduction:** Mr. Eric Masanet, Director, Energy Demand Technology Unit, IEA

- Industry roadmaps for a 2°C trajectory:
    - Ms. Manuela Ojan, Public Affairs, Global Environmental Sustainability, HeidelbergCement
    - Ms. Valérie Quiniou, VP Climate, Strategy, Innovation, Total
    - Mr. Julien Perez, Senior Manager, EY Climate Change and Sustainability Services
  - Innovations in carbon capture and storage:
    - Mr. Issam Dairanieh, CO2 Sciences, Inc.
    - Ms. Charlotte Wolff-Bye, VP Sustainability, Statoil
    - Mr. Alan Knight, Corporate Responsibility - General Manager, ArcelorMittal
    - Mr. K-C Tran, Co-Founder, Carbon Recycling International
    - Mr. Michel Bande, VP Sustainability, Solvay
  - Q&A and conclusion
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## 3.4 INNOVATION AND CLIMATE SMART AGRICULTURE

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2.45-4.15 pm

***Introduction and moderation:*** Ms. Sonja Vermeulen, Head of Research, Consortium of International Agricultural Research Centers (CGIAR)

- Mr. Virgilio Viana, Superintendent-General, Amazonas Sustainable Foundation
  - Mr. Varun Vats, Senior Manager, Public Policy & Partnerships, Syngenta
  - Mr. Chris Brown, Vice President, Corporate Responsibility & Sustainability, Olam
  - Ms. Diane Holdorf, Chief Sustainability Officer, Kellogg Company
  - Ms. Gabriela Burian, Global Lead Sustainable Agriculture and Innovation, Monsanto
  - Ms. Abbie Reynolds, Executive Director Sustainable Business New Zealand
  - Mr. Michael Obersteiner, Program Director, International Institute for Applied System Analysis
  - Ms. Margaret Torn, Senior Scientist, Lawrence Berkeley National Laboratory
  - Q&A and conclusion
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4.15-4.45 pm

***Networking break***

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## 3.5 LOW-CARBON POLICIES

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4.45-6.00 pm

***Introduction and moderation:*** Ms. Maria Mendiluce, Managing Director, Natural Capital, WBCSD

- Mr. Paul Simpson, CEO, Carbon Disclosure Project
  - Mr. Thomas Kerr, Principal Climate Policy Officer, CPLC
  - Mr. David Heurtel, Minister of Environment, Sustainable Development and the Fight against Climate Change,
  - Mr. Mark Sinclair, Climate Change Ambassador, New Zealand
  - Mr. Carlos Gentile, Undersecretary of Climate Change, Gov. Argentina
  - Mr. David Turk, Head of Energy Environment Division, International Energy Agency
  - Q&A and conclusion
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### 3.6 LESC MAIN LEARNINGS AND CLOSING CEREMONY

6.00-6.30 pm

**Moderation:** Mr. Peter Bakker, President and CEO, WBCSD

- Wrapping up conference main learnings
  - Prof. Jeffrey Sachs, Special Advisor to the UN Secretary General and Director of UN Sustainable Development Solutions Network (SDSN)
  - Mr. Gino Van Begin, Secretary General, ICLEI – Local Governments for Sustainability
  - Mr. Jean-Pierre Clamadieu, CEO of Solvay and Chairman of WBCSD's Climate & Energy Board



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UN CLIMATE CHANGE CONFERENCE 2016  
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