

Mission Innovation – World Economic Forum’s Strategic Dialogues on
Effective Public-Private Cooperation on Clean Energy Innovation

Mexico City, 12th September 2017
(by Invitation only)

MISSION INNOVATION

Accelerating the Clean Energy Revolution

Context

Mission Innovation (MI) is a global initiative designed to accelerate the pace of innovation and make clean energy widely affordable. Led by the public sector, MI aims to mobilise both public and private sector efforts to achieve breakthroughs in performance and cost effectiveness while ensuring societal acceptability.

Private sector businesses and investors are critical partners in this endeavour; as a source of innovative ideas for break-through and enhanced technologies, services and business models and as the key investors in the commercialisation and global deployment of clean energy solutions. To deliver on the promise of the Paris Agreement, enhanced public and private cooperation to increase investment and accelerate progress at all stages of the clean energy innovation chain will be required.

MI and the World Economic Forum (WEF) announced in June this year that they would cooperate to accelerate clean energy innovation by identifying and delivering ways to enhance public-private working through engagement, knowledge sharing, collaborative programmes and investments.



Announcement of the MI WEF cooperation at the China MI ministerial.

This meeting is part of a series of MI and WEF public-private sector events in 2017 in Geneva, China and New York, that are building towards senior leadership events at the World Economic Forum's annual Davos event in January 2018, the 3rd MI Ministerial meeting in Copenhagen and Malmo in summer 2018 and the 4th MI Ministerial in Canada in 2019. This meeting in Mexico is being held as part of the large scale Energy Futures Dialogues (DEMEX) event in Mexico City, September 12th and 13th, which is expected to attract international high-level attendees both from industry and government and comprises 13 large energy-related events.

Objectives for the Meeting

- Boost the level of ambition for public-private sector cooperation and identify the 'sweet spots' for public-private partnerships that will significantly accelerate clean energy innovation.
- Improve mutual understanding between public and private actors around Mission Innovation cooperation.
- Identify practical impactful approaches to strengthen cooperation, and scope an ambitious strategy for public-private engagement and investment in support of the objectives of Mission Innovation and its 7 Innovation Challenges.
- Scope activities, milestones and expected outputs for Mission Innovation partnership activities with the private sector through to 2021.

Participants

Participants are expected to be at Chief Technology Officer level or similar from private sector bodies, and at senior official level in the public sector with responsibility for shaping national strategies in clean energy innovation.

Draft Agenda

MI-WEF Strategic Dialogues on Public-Private Cooperation on Clean Energy
Innovation (Mexico, 12 Sept 2017)

9:00 – 11:00 High level segment opening DEMEX
Mr. Enrique Peña Nieto, President of México.

11:15 –
12:00

Plenary session: challenges and opportunities for public-private cooperation
Main Room Second Floor, Room F2, Plenary

Opening: Mr Pedro Joaquín Coldwell, Mexico's Minister of Energy.
Mr. Leonardo Beltran, Deputy Minister of Energy.

The plenary will provide an overview of MI's objectives and the ambition of its Innovation Challenges with a focus on how to boost public private collaboration.

The plenary will be moderated and combine short opening statements with an opportunity for engaged discussion amongst participants. The plenary will cover:

- Setting the scene: understanding MI and WEF objectives and activities to accelerate clean energy innovation.
- Sharing ambitions, needs and challenges associated with public-private collaboration.
- Best practice and experience from around the world to strengthen public-private sector working in clean energy innovation.
- "Sweet-spots" for better coordination between governments and the private sector that can make a substantial difference in accelerating clean energy innovation.

Keynote panel:

- Mr. Fatih Birol, Director, International Energy Agency (invited).
- Ms. Cheryl Martin, World Economic Forum (confirmed).
- Prof. Mariana Mazzucato, Institute for Innovation and Public Purpose, UCL (invited).
- MI Innovation Challenge leads will present their challenges.

12:05 –
13:00

Workshops: public-private cooperation in the context of the MI challenges
Second Floor, Room F2, workshop rooms 1 - 4

Several parallel sessions will examine questions which are specific to mission innovation challenges, in relation to public-private cooperation in the context of the MI Innovation Challenges. They will discuss issues that are of common concern in different clean energy innovation areas as well specific questions related to individual MI Innovation Challenges.

Topics for discussion include:

- What does the private sector need from Governments and vice versa?
- What are the sweet-spots where better coordination between governments and the private sector can make a substantial difference in accelerating clean energy innovation and how?
- What practices of public-private collaboration are valuable to learn from and replicate? (examples of alliances, programs or policy design processes) –and how might these be applicable to MI's Innovation Challenges?
- How can the funding for clean energy R&D and innovation that Mission Innovation Governments are making available have the biggest impact in terms of spurring private sector investments and commercialisation of solutions?

The discussions will aim to identify practical impactful approaches for increased cooperation between the public and private sector and suggest future activities or actions that could be advanced as part of the WEF Davos meeting, MI Ministerial in Malmo-Copenhagen in 2018 and beyond.

13:00 –
15:00

Lunch and Keynote speeches (DEMEX)

15:15 –
17:00

Workshops: public-private cooperation in the context of the MI challenges
Second Floor, Room F2, workshop rooms 1 - 4

Several parallel sessions will examine questions which are specific to mission innovation challenges, in relation to public-private cooperation. They will discuss opportunities in different clean energy innovation areas related to individual MI Innovation Challenges.

These challenges will include:

- **Smart Grids Innovation Challenge** – to enable future grids that allow for utilisation of by affordable, reliable, decentralised renewable electricity systems;
- **Off-Grid Access to Electricity Innovation Challenge** – to develop systems that enable off-grid households and communities to access affordable
- reliable, clean and renewable electricity;
- **Carbon Capture Innovation Challenge** – to enable innovation leading to low emissions from power plants and carbon intensive industries;
- Sustainable Biofuels Innovation Challenge – to develop ways to produce, at scale, economically viable, advanced biofuels for transportation and industrial applications;
- **Converting Sunlight Innovation Challenge** – to discover affordable ways to convert sunlight into storable solar fuels;
- **Clean Energy Materials Innovation Challenge** – to accelerate the exploration, discovery, and use of new high-performance, low-cost clean energy materials; and
- **Affordable Heating and Cooling of Buildings Innovation Challenge** – to make low-carbon heating and cooling affordable for everyone.

Specific questions to be treated in each of the challenges can include, inter alia:

- What are the mechanisms to overcome “valley of death” issues and shorten time to market for technologies and solutions in each challenge?
- How can innovative start-ups more easily access funding and access markets to reach scale?
- How do we take public-private collaboration to a new level in this challenge? What are some sweet spots and new big and bold ideas for international public private collaboration for energy innovation that Mission Innovation can pursue?

17:15 –
19:30

Closing plenary: Thinking big and bold
Second Floor, Room F2, Plenary

Report back from groups and prioritisation of next steps

Moderators

Nelson Mojarro

Jose Alberto Garibaldi

Interventions from MI Challenges

Towards the Malmo - Copenhagen Ministerial – Sweden

Going Forward towards 2021 – Canada

The closing session will synthesize insights and ideas from the workshop sessions and allow for a discussion on practical next steps that Mission Innovation and the World Economic Forum can take in developing ways to strengthen public-private cooperation.

Closing Remarks:

Leonardo Beltran, SENER

Cheryl Martin, WEF

For logistics, accommodation and further information,
please visit the DEMEX webpage:

<http://demex.mx/en/>

To register, please contact:

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