



**Mission Innovation Clean Hydrogen Mission**  
**11<sup>th</sup> Plenary Meeting – 14 September 2023**  
**13:00 – 14:00 CET in WebEx**

**Present:**

*Co-leads:*

Matthijs Soede (EC) (CH Mission Director), Eirik Lonning (EC); Pete Devlin (DoE US), Lorena Steinle (NOW GmbH, Germany), Loreta Lancellotti (Ministry of Energy, Chile); Oliver Guerrero (BEIS, UK)

*Members:*

Eva González, Spain  
Felix Tellez, Spain  
Cianella Roberto, Italy  
Lourdes Vega, UAE  
Margherita Matzer, Austria  
Kate Powe, Canada  
Marcello Capra, Italy  
Stefano Raimondi, Italy  
Rok (South Korea)  
Teo Martin, Italy  
Nawal Alhanaee, UAE  
Trond Moengen, Norway  
Akiteru Martuta, Japan  
Yuko Kono, Japan  
Alberto Giaconia, Italy  
Andrew Pease, UK  
Claudie Roy, Canada  
David Barratt-Due, Norway  
Deepak Sakaria, UAE  
Ranjith Krishnapai (India)

*Guest:*

Effie Klippan (MI Secretariat)

## 1. Welcome – from Goa to COP28

- Recordings from side events are still available: Agenda CEM | CEM-14/MI-8 (cem-mi-india.org)
- Two important launches:
  - Launch of the International Hydrogen Trade Forum to accelerate global hydrogen flows
  - Green Hydrogen Innovation Center Global Center of Excellence for Green Hydrogen (isa-ghic.org): a knowledge hub on green hydrogen, potential for cooperation for CHM
- MI Steering Committee meeting on 20 September 2023
  - Reflections on MI-8 and plans for MI-9
  - COP28 and forthcoming events
  - Extending reach and raising profile: these are outreach plans, four different ideas:
    - Accelerate module
    - Think Tank
    - Internship programme
    - New members

**On outreach → All members: if you are organizing an event in one of the events below please inform mission and MI Secretariat**

- New York Climate week (in 2023, 18<sup>th</sup>-22<sup>nd</sup> September)
- Climate Week (in 2023, 18<sup>th</sup> –24<sup>th</sup> September)
- IRENA Innovation Week (in 2023, 25<sup>th</sup> –28<sup>th</sup> September)
- Middle East and North Africa (MENA) Climate Week (in 2023, 8<sup>th</sup>-12<sup>th</sup> October)
- Latin America and the Caribbean Climate Week (in 2023, 23<sup>rd</sup> –27<sup>th</sup> October)
- UN Climate Change Conference (COP 28) (in 2023, 30<sup>th</sup> November – 12<sup>th</sup> December)

Margherita Matzer (Austria)

- Very good to improve the profile of the CHM

Stefano Raimondi (Italy)

- Presence at the international events is very important, Italy will be present at the Climate Week in NYC, the Italian CHM team will be present at Middle East and North Africa (MENA) Climate Week and of course also at COP 28
- Goa was a great success, and we greatly appreciated the opportunity to engage with India.

- The knowledge hub is an excellent initiative for spreading technology and involving more countries

Effie Klippan (DCCEEW Australia)- MI Secretariat:

- Happy to receive any available information at this point to help us map the MI and CHM presence at COP and other related events. The MI Secretariat is still working on plans for these events and specific activities for the MI Secretariat are being coordinated, in close collaboration with the Breakthrough Agenda team. There are different sector groups that overlap with MI missions and CEM initiatives, so there will likely be a lot of collaboration around these initiatives. MI will provide a range of supporting resources to its members, including a guide on clean energy innovations, a communication toolkit, videos to enhance their presence, and an overall communication campaign to highlight MI and the role of innovation more broadly within the UN's triple-S framework as outlined in the Paris Agreement.

### **Clean Energy Transition Partnership (CETP)**

- 2<sup>nd</sup> CETPartnership Joint Call 2023 has been launched and is open 27 March 2024  
Joint Call 2023 | CETPartnership
- Most of the EU members of the CHM are already participating in CETP, but this year, Canada, the UK, the US, and India are also taking part in this call.
- Further calls will be open next year.

### **Breakthrough agenda report 2023**

- Has been just presented this morning (14 September 2023) by IEA
- The full report can be downloaded at: Breakthrough Agenda Report 2023 – Analysis - IEA
- International collaboration and initiatives having some priority areas:
  - Standards & certification and
  - Demand creation
  - Research and Innovation
  - Finance & Investments

## **2. Introduction of the TAG review**

- The documents prepared by the MI Secretariat have been shared with the invitation to the Plenary meeting
- The aim of the review is to help ensure progress against the KPIs, assess the scale and pace, ensure that the mission is still on track, and provide feedback
- TAG panel will look at the added value, the impact, outputs, answer questions such as: Were the goals met? Are the deliverables presentable on high level? Is the private sector engagement sufficient? Also risk assessment, mission management, efficient use of resources, communication output

TAG review timeline:

*Members input: by 7 October 2023*

*Final report to by co-leads ready: by 23 October 2023*

*Final report ready: by the end of October*

*The review shall be completed by the end of November/1<sup>st</sup> week of December 2023*

**Actions:**

→ **For ALL please have a critical look, reflect on what you have done and provide the co-leads with your feedback, be constructive, report as much as possible so that we create a joint CHM report. More information will be sent via e-mail.**

→ **For ALL at the same time reflect on we can do next year, some goals are clear: development of H2Vs, 2 USD/kg, knowledge transfers, but are there additional activities? Be creative!**

### **3. Review of Work Plan 2023**

- Adopted in March 2023 (also by the MI Gathering)
- It will be the basis for the 2024 Work Plan
- CHM is progressing very well on its deliverables:
  - Launch of the H2V platform took place in April 2023,
  - Identify 100 H2V globally – very well on the way, currently there are 83
  - H2V mission label – will be introduced the EU Hydrogen Week 20-24 November 2023
  - Developing a concept for Project Development Assistant
  - Series of workshops organized by all the three Pillars

**Actions:**

→ **For ALL:**

- We encourage all members to participate and to promote our events.
- Please reflect on your participation and contribution to the mission
- Also reflect on stakeholder involvement

## **4. Roundtable discussion**

- **TAG review – member’s contribution**
- **Work plan 2024 – member’s contribution**

Margherita Matzer - Austria

- Each member to check what the target was, read the document and then provide with feedback
- On Work Plan 2024: will check in more details and will give feedback
- The impact is for all members, to be present at international events

Stefano Raimondi - Italy

- EU Hydrogen Bank was set up, it is a financial instrument to cover and lower the cost gap between renewable hydrogen and fossil fuels. Is there any collaboration planned for CHM and EU Hydrogen Bank? The EU Hydrogen Bank will likely pay a lot of attention to big applications. We should also pay attention to small projects
- Not all H2V have a very large production, can we propose a different a roadmap to dedicate the potential of the SMEs that are interested to develop H2 production with a global dimension? As the financial aspect is a very important element that is very challenging
- There are number of SMEs are interested to switch from fossil fuel to hydrogen, but the financial side could be potentially the biggest problem, this represent the hottest problem to switch the paradigm of the industry, CHM should contribute to this

Eirik Lonning (Pilar 3 WG on Finance & Investment) - European Commission

- As for financing, Pilar 3 has began with a series of workshop on Finance
- The next one will focus mainly on infrastructure development, there are various levels of infrastructure levels that are needed and it seems to be a real bottleneck in order to get any type of project to start
- We are looking at this from the European perspective, how we can leverage the various types of financial promotional banks; e.g. CDI in Italy is a very good example with EUR 400 billion investments, similar institutions can play an important role, we should collaborate and try to convince them to target SMEs; the same goes for other countries outside Europe

## **5. Wrap-up**

- We will request your contribution to the TAG review via e-mail, the work on the review will be beneficial for the preparatory work for the 2024 Work Plan
- The next Plenary meeting is scheduled for the end of October 2023