



International Partnership
for Hydrogen and Fuel Cells
in the Economy

4.5 H2CM TF Progress

39th IPHE Steering Committee Meeting

26 – 27 April 2023

Pretoria, South Africa

Summary

1. Objectives
2. Actions
3. Progress
4. Next Steps (5 min)




Objectives

- Following the H2PA TF work on GHG emissions assessment for hydrogen production
- H2CM TF launched at 38th IPHE Steering Committee in San Jose
 - **Facilitate the trade of hydrogen through mutual recognition of certification mechanisms of hydrogen**
 - **IPHE is coordinating initiative of H.1** action (Accelerate the development of standards and certification for clean hydrogen) of COP's Breakthrough Agenda (BtA)
- Co-leads: France, Australia, Germany

Actions

- **Adoption of ToR** ✓
- **Deliverables and timeline**
 - Principles and terminology of product certification, due for Q1 (draft) and **Q2 (final) 2023**
 - Review of existing clean hydrogen certification, due for Q1 (draft) and **Q2 (final) 2023**
 - Outcomes of the assessment of the certification principles, due for Q2 (draft) and **Q3 (final) 2023**
 - Fundamental requirements of certification, due for Q3 (draft) and **Q4 (final) 2023**
 - Potential interactions among certification mechanisms across the entire chain value, due for Q1 (draft) and **Q2 (final) 2024**
 - Possibilities of equivalency between clean hydrogen certification mechanisms, due for Q2 (draft) and **Q3 (final) 2024**

Progress

- 4 TF meetings 
- ToR adopted
- Principles and terminology of product certification draft still under elaboration
- Review of existing clean hydrogen certification
 - Second version of inventory table ready to be filled by the TF

Next steps

- Accelerating the process
 - **Finalizing the Principles and terminology of product certification draft ASAP**
- Next TF meeting to be scheduled early May
 - Discussion and completion of the existing and planned hydrogen certification mechanisms inventory
 - Send the completed inventory table by the H2CM TF to the IPHE Secretariat for BtA purposes
- Preparing the actions 3 and 4

Thank you



International Partnership
for Hydrogen and Fuel Cells
in the Economy