



International Partnership  
for Hydrogen and Fuel Cells  
in the Economy

# Clean Energy Ministerial H2I Update

39<sup>th</sup> IPHE Steering Committee Meeting  
26 – 27 April 2023  
Pretoria, South Africa

# CEM's HYDROGEN INITIATIVE

## (H2I) OBJECTIVE

To raise international ambition and advance commercial scale low-carbon hydrogen deployment in the long-term globally, across all sectors .

## RATIONALE

There is a need for long term plans, vision and goals in giving direction to hydrogen uptake and to enable effective planning and development of consistent policies.

## AMBITION/TARGET

To build strategic partnerships to develop and facilitate global actions on clean hydrogen and fuel cell deployment across regional, national, and municipal economies.

## ACTORS

### Co-Leads:



### Participants:

- Around 25 governments are part of the network.
- Hydrogen Council and individual companies part of the discussion
- Around 60 port association and authorities
- Coordination with other international H2 initiatives a priority.

## ACTIONS

- Global aspirational goals
- Global Ports Hydrogen Coalition
- H2 Twin cities programme
- International hydrogen trade and supply-chains
- North-Western Europe hydrogen market coordination
- IEA Global Hydrogen Review tracking policies and markets

- Overpopulation of initiatives requires coordination -
- CEM H2I has been engaging in regular coordination meetings since its inception with:
  - Advanced Fuel Cells TCP
  - Breakthrough Agenda
  - G7 Hydrogen Action Pact
  - Hydrogen Council
  - Hydrogen TCP
  - IRENA
  - MI – Clean Hydrogen Mission
  - United Nations Development Programme
  - UNIDO
  - WEF – Accelerating Clean Hydrogen Initiative
- **Priority:** to avoid duplication of activities. Examples:
  - Work on standards and certification directed to IPHE: workshop with Oman, report about H2 production emissions
  - Request from India about hydrogen hubs, directed to MI
  - Working on a joint questionnaire for country reporting with IPHE (and possibly MI)
  - Building relationships with UNIDO for the Global Hydrogen Trade
  - Close dialogue with the CEM Marine Hubs initiative to ensure complementarity
  - Proposal: joint webinars on national updates with MI, IPHE and Hydrogen TCP

- **WG1: ASPIRATIONAL GOALS** (Lead: EC)
  - Development of a government questionnaire
  - Surveys in 2021 (21 countries) and 2022 (26 countries)
  - [Briefing](#) summarising results from 2021
  - Inputs to the GHR21 and GHR22
- **WG2: PORTS COALITION** (Lead: EC)
  - Delivery of Call for Action at GCEAF
  - Input to IAHP's World Sustainable Database
  - Establishing a new Collaborative Framework in March 2023 (secretariat transferred to Ports)
  - Networking at various events
- **WG3: NW EUROPE** (Lead: Netherlands)
  - Report about hydrogen in NW Europe (2021)
  - Industrial workshop about hydrogen in NW Europe and project development
  - NW Europe Hydrogen Monitor (2022)

- **WG4: GLOBAL HYDROGEN TRADE FORUM** (Lead: Netherlands)
  - Special focus about hydrogen trade in the Global Hydrogen Review 2021
  - Workshop about hydrogen trade models
- **WG5: H2 TWIN CITIES** (Lead: US)
  - Announcement in 2021, first city pairings in 2022
  - 2023 competition rules finalized, launch in May/June 2023 with announcement planned for COP28
- **COORDINATOR** (IEA)
  - Global Hydrogen Review 2021
  - Global Hydrogen Review 2022

# Thank you



International Partnership  
for Hydrogen and Fuel Cells  
in the Economy