

Coordination Group on Hydrogen

Paul Lucchese, IEA Hydrogen TCP Chair

TCP Universal Meeting
26th October 2023



Coordination Group on Hydrogen

Objective

Map and align all the hydrogen activities within the Technology Collaboration Programmes, allowing to identify overlaps or synergies between different TCPs and organising joint activities

Outputs

- ✓ A detailed and updated mapping document of current hydrogen related activities across all TCPs
- ✓ A proposal of joint activities between TCPs and IEA Secretariat
- ✓ A global report on the achievements of the different activities carried out during the duration of the Coordination Group
- ✓ Possible technology briefs and recommendations to IEA and governments, including Identification of knowledge or technology gaps and direction to TCPs for setting future tasks and priorities
- ✓ A joint report on the hydrogen work in the TCP network!!
- ✓ A joint booth on Hydrogen at COP or CEM/MI or IEA ministerial gathering all TCPs work on hydrogen

Identify all hydrogen related activities in the different TCP action plans

Propose possible joint activities between one or more TCPs

Follow up on joint and individual hydrogen-related activities

Report on all hydrogen related activities performed

Final report

3 months

Mid 2024

12 months

June 2024

Dec 2025

TRL Assessment on H₂ technologies

Background

IEA is updating its Clean Energy Technology Guide (CETG). TRL Assessment is critical, IEA wants to contrast estimated TRL values, description of technologies and current projects, with experts worldwide to be able to achieve the most accurate result. They have asked the Hydrogen TCP for advice/help regarding their **TRL assessment activities in new emerging H₂ technologies**. Hydrogen TCP has proposed to **transform this IEA-TCP's collaboration into a strategic activity**.

Objectives (general)

- ✓ Strengthen our collaboration with IEA
- ✓ Strengthen our collaboration with synergic TCPs
- ✓ Position the Hydrogen TCP as a reference for technical knowledge

Analysis

Hydrogen TCP Technical Secretariat has analyzed IEA's CETG hydrogen-related technologies (94): **30 TRL GROUPS have been identified.**



TRL Assessment 1st Phase

40+ technologies assessed
30+ experts mobilized

Next steps

Collaboration



Hydrogen TCP

Tasks in definition

Open Tasks

Thank You!

For more information, contact the Technical Secretariat Team:

Olmar Rubio García – Technical Secretariat

olmar.rubio@ieahydrogen.org

Florimar Ceballos Rivas – Technical Secretariat

florimar.cebaldos@ieahydrogen.org

