



EMERGING HYDROGEN TECHNOLOGIES

15 June 2026: Workshop (onsite and on-line) dedicated to:

- SOFC applications – integration with renewable resources
- PEMFC applications – stationary, automotive, portable uses
- Green H₂ production by water electrolysis

Registration link: <https://agenda.ciemat.es/event/5593/>

Agenda 15 June 2026

8:30 - 8:50	Registration
9:00	Welcome
9:15	Challenges and Opportunities of PEM Electrolysers for Grid Integration. <i>Marcos Lafoz Pastor (CIEMAT)</i>
9:40	Development of new proton exchange membranes based on polymerized ionic liquids for electrochemical devices. <i>Alfredo Ortiz Sainz de Aja (Univ. Cantabria)</i>
10:05	Metal hydrides, solid-state hydrogen technologies. <i>Imad Accary (AMPO)</i>
10:30	In which areas of transport does hydrogen make sense? Looking beyond the hype. <i>Enrique Bayonne (CECV)</i>
10:55 -11:15	Coffee Break
11:15	Solar thermal role in the processes for Hydrogen production. <i>José González Aguilar (IMDEA ENERGY)</i>
11:40	Solid Oxide research activities at CNH2. <i>Roberto Campana (CNH2)</i>
12:05	AEM Electrolysis at Pilot Scale: Integration Challenges. <i>Liliana A. Díaz (CIIAE)</i>
10:55 -11:15	Lunch
14:00	How to Make the PEM Sustainable: Critical Materials, Recycling, and Optimization. <i>Sandra Herrero (H2GREEM)</i>
14:25	Modular Alkaline Electrolysers: Challenges and Application. <i>Juan Pablo Hernández, Lluís Albin Busto (TÁCTICA Industrial.)</i>
14:50	Modular hydrogen solutions for transport and energy. <i>Kirill Lyats (COOLERGY)</i>
15:15	Regulating the deployment of Renewable Hydrogen in the EU: A bird's eye view of the current situation and remaining challenges. <i>Romain Mauger (CIIAE)</i>
15:40	Hydrogen Underground: Why Seasonal Storage Needs Geology. <i>Antonio Hurtado Bezos (CIEMAT)</i>
16:05	Roundtable Discussion
16:30	Closing Remarks