





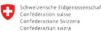


Workshop schedule

(26 June) Introduction to production, storage, uses of H₂

9.45 0.00	Degistration
8.45 - 9.00	Registration
9.00 - 9.15	Opening session and greetings of the authorities
9.15 - 10.00	Challenges and opportunities in using H ₂ for decarbonisation: an overview (Alessandro Trovarelli , University of Udine, Italy)
10.00 - 10.45	Low-temperature electrolysers: principles, types, challenges (Martin Paidar , University of Chemistry and Technology of Prague, Czech Republic)
10.45 - 11.00	Coffee break
11.00 - 11.45	Green hydrogen as key enabler for the decarbonization of remote areas (Domenico Ferrero , Polytechnic University of Turin, Italy)
11.45 - 12.30	CCS and CCU technologies in H₂ economy (Fausto Gallucci , Technical University of Eindhoven, Netherlands)
12.30 - 14.00	Lunch break
14.00 - 14.45	Introduction to H ₂ storage systems: processes and materials (Giovanni Capurso , University of Udine, Italy)
14.45 - 15.30	High-pressure H ₂ storage technologies (Alice Orsi , Faber Industrie, Italy)
15.30 - 16.15	H ₂ in the transport sector and alternative fuels (Stefania Ischia , Wartsila Italia, Italy)
16.15 - 16.30	Coffee break
16.30 - 17.15	Fisher-Tropsch synthesis in the energy transition (Yali Yao , University of South Africa, South Africa)

















(27 June) Developments and challenges in green H2 technologies

8.45 – 9.00	Registration
9.00 - 9.15	Greetings and introduction to the session
9.15 - 10.00	Blue versus green H ₂ (Cesar A. Valderrama , Technical University of Catalonia, Spain)
10.00 - 10.45	High-temperature electrolysers and Fuel Cells (Alessandro Donazzi, Polytechnic University of Milan)
10.45 - 11.00	Coffee break
11.00 - 11.45	AEM Water Electrolysis: Advantages, challenges, and applications (Chiara Cerato , Pietro Fiorentini, Italy)
11.45 - 12.30	Frontiers of catalysis in the H ₂ economy (Paolo Fornasiero , University of Trieste, Italy)
12.30 - 14.00	Lunch break
14.00 - 14.45	Solar reactors and H_2 production (Ahmed Ghoniem , Massachusetts Institute of Technology, USA)
14.45 - 15.30	Strategies for decarbonization and uses of H ₂ in the hard-to-abate sectors (Gabriele Guastaferro , Danieli & C., Italy)
15.30 - 16.15	Challenges for a green H ₂ transition: the North Adriatic Hydrogen Valley (Rodolfo Taccani , University of Trieste, Italy)
16.15 - 16.30	Coffee break
16.30 - 17.15	Introduction to H ₂ safety issues: release, fire explosion, policies (Artur J. Majewski , University of Birmingham, United Kingdom)
17.15 – 18.00	Role of Infrastructures for the development of the H ₂ market (Simone Mausoli and Giuseppe Signoretta , Bureau Veritas Italia, Italy)
18.00 – 20.00	Final remarks and closing cocktail reception







