

6 DEC

15.30 – 17.00

Chilean Pavilion – COP25 – Madrid

“Green Hydrogen for Climate Action”

Organizers

Chilean Association of Power Generators, German Corporation for Technical Cooperation and Chilean Hydrogen Association.

Context

Hydrogen is an energy carrier, a fuel and a raw material. If produced from renewables, it can reduce GHG emissions, strengthen energy independence and mitigate the challenges posed by variability and intermittency of renewable energy systems. Hydrogen is an enabler for sectorial integration as it offers a clean, sustainable and flexible option to convert renewable electricity into a chemical energy carrier for use in

mobility, energy and industrial applications. Therefore, it is a key component for a 100% decarbonized energy system. Nevertheless, the so call “Hydrogen Economy” has already gone through hypes cycles in the past without reaching enough commercial maturity to kick-off. With the already known Climate Change deadlines in place, and the need of decarbonization of hard-to-electrify sectors, is the hydrogen sector going to deliver its promises this time?

Objective

This event will discuss the role of green hydrogen for climate action and will show several applications around the globe in different sectors such as feedstock, mining, transport and heat where it has been used for reducing CO₂ emissions. Also, the event will discuss about the regulatory, technological and financial challenges that the green hydrogen agenda faces towards its accelerated deployment.

Speakers

- Juan Pablo Zuñiga, Executive Director, Chilean Hydrogen Association (Chile).
- Bart Biebuyck, Executive Director, Fuel Cells and Hydrogen Joint Undertaking (EU).
- Mark Kirby, President and CEO, Canadian Hydrogen Fuel Cell Association (Canada).
- Rodrigo Cienfuegos, CEO, Prime Energía (Chile).
- Julius Scholz, Program Manager International Cooperation, National Organization Hydrogen and Fuel Cell Technology (Germany).
- Antonio González García-Conde, Vice chairman, Spanish Hydrogen Association (Spain).
- Gonzalo Muñoz, High-Level Champion COP25 (Chile).

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