



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Chile Update

37th IPHE Steering Committee Meeting
26 – 27 April 2022
Virtual Meeting

Announcements / New Initiatives *Chile*

- A new administration took place in March 2022, hence, a new energy agenda will be proposed in the short-term. It is expected that a H2 committee comprised by different ministries will be settled.
- The Ministry of Energy, in coordination with the Budget Office, created a new public program for 2022, the "Program to Promote Green Hydrogen in Chile" with \$ 2,044 million CLP (2,6 MUSD), in order to promote the development of the local hydrogen industry.
- We received the delegations from Port of Rotterdam and Port of Antwerp in January.
- We published the Framework Law for Climate Change which officialises our commitment to achieve carbon neutrality by 2050.
- We submitted a project law for "Hydrogen promotion" which includes quota for hydrogen blending in gas networks.
- We published the Strategy for Economic Instruments, which aims to set up a price 60 USD/tonCO₂ by 2030.
- Our first by-law for hydrogen regulation framework is being evaluated by the comptroller's office.
- We are working with Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping to assess the decarbonization of our maritime transport.
- We released two studies that were funded by the IDB and which gave us unparalleled take aways with regards to the production of synth-fuels and also the promotion of hydrogen hubs throughout the country.

Chile – Profile April 2022

Status of Deployments

The **Haru Oni (3 MW project)** received its windmill and its COD is expected to Q4 of this year.

5 large-scale (1+GW) export projects are under development and have land secured, feasibility completed, and/or offtakers secured. 11 more are less developed.

Funding round of 50 M USD received **11 applications** out of which 6 were considered admissible for funding.

Leading Government Initiatives

Under evaluation in Congress:
Law Bill to (i) mandate quotas of green H2 in gas grids, (ii) allow ENAP to do hydrogen investments.

A regional GH2 committee is under development in Antofagasta region which comprises public-private-academia sectors and is lead by the local government.

Direct assignation process for public lands is in progress for green H2 deployment (more than 26 requests!)

A “Tributary instrument Strategy for the energy transition” was released in March 2022.

Goals or Focus Areas

- 6 prioritized domestic areas:**
- Oil refineries (green for grey H2)
 - Local green ammonia production
 - Blending into residential gas grids
 - Mining haul trucks
 - Heavy-duty on-road trucks
 - Long autonomy buses

Also, **export** to East Asia, North America, and Europe through **large-scale consortiums**.

Deployment Goals

5 GW of electrolyzer capacity with committed investment by 2025. **2.5 BUSD** exports (H2&derivates) by 2030.

Funding

50 MUSD in grants for 2021

New public program for 2022 **with \$2.6 million dollars**.



Thank you



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