



International Partnership  
for Hydrogen and Fuel Cells  
in the Economy

## ***CHILE* Update**

41<sup>st</sup> IPHE Steering Committee Meeting

19 - 20 March 2024

New Delhi, India

# Announcements / New Initiatives *Chile*

- **Investments/Funding/Policies/Initiatives**

On 22 December 2023, the Chilean Energy Ministry published its draft 2023-2030 green hydrogen action plan. This action plan identifies 30 critical measures to promote a sustainable green hydrogen industry (renewable hydrogen).

- **New Research & Development, Demonstration and/or Deployment Activities**

In February 2024, CORFO, the Chilean economic development agency, published its 2024 call for tenders that are or will be available in the Green Hydrogen value chain and its derivatives. It encompasses many different elements from high tech innovation to H2 demand subsidy as well as a RFP for manufacturing of electrolyzers in Chile.

- **Key Collaborations**

In December 2023, a public-private cooperation protocol aimed at boosting the green hydrogen and hydrogen derivatives industry in the Magallanes region was signed between Chilean Authorities of which the President of the Republic of Chile, Gabriel Boric and the H2V Magallanes trade association representing the private sector. The agreement, which is intended to be "ambitious and realistic", focuses on five areas of work: 1) human capacity, 2) the productive ecosystem (i.e. local content), 3) technological innovation, 4) shared infrastructure and 5) the harmonious development of the region.

# Examples of Lessons Learned and Impact *Chile*

Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
Chile's draft 2023-2030 green hydrogen action plan	<p>Chile stresses the importance of participatory bodies in the construction of public policy especially considering that this industry has the potential to play a major role in the sustainable development of countries. As for Chile, citizen workshops have been organized in 5 regions of the country, in which more than a thousand people participated.</p> <p>The importance of Hydrogen is recognized in Chile through a consensual political transversal approach.</p>
Creation / modification of Chile's current regulations incorporating hydrogen as a fuel.	Chile is about to launch a public consultation (March-April 2024) following an intense cross ministries work (energy, transport, economy, etc.) that also involves industry, academia, civil society and NGO.



# Chile – Profile October 2023



## Status of Deployments

Chile has about 40 hydrogen projects in the making

## Leading Government Initiatives

- With its Climate Change Framework Law, Chile intends to be carbon neutral by 2025
- Chile formally presented its Nationally Determined Contribution
- The 2020 Green hydrogen Strategy and its 2023 action plan are essential piece of Chile's carbon neutrality plan and commitment to sustainable development

## Goals or Focus Areas

- In 2025 → 5 GW of production
- In 2030 → 25 GW of production

## Deployment Goals

- The first wave of production (2023-2028) will focus on domestic demand, replacing imported ammonia & replacing the grey hydrogen used + Use green hydrogen in long-distance passenger and heavy-duty transport.
- The second wave of production (2028-2033) will see more uses in transport and the start of exports
- In the long term (>2030), Chile's objective is to open up new export markets (maritime/air transport using hydrogen-derived fuels).

## Funding

Green Hydrogen Facility: a USD 1 billion mixed financing fund (financed by the World Bank, the Inter-American Development Bank, the EU and Germany's KfW)



# Thank you



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