



International Partnership
for Hydrogen and Fuel Cells
in the Economy

***CHILE* Update**

42nd IPHE Steering Committee Meeting
20 – 21 November 2024
Brussels, European Commission

Announcements / New Initiatives *Chile*

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

In May 2024, the Chilean Energy Ministry published the **2023-2030 Green Hydrogen Action Plan**. This action plan identifies 18 lines of action to promote a sustainable green hydrogen industry. The Plan is currently in implementation, with 10% of milestones completed.

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

In May 2024, CORFO, the Chilean economic development agency issued a call for proposals for the manufacture and/or assembly of electrolyzers and their components in the country. It also launched a call for the creation of a Technological Centre for Green Hydrogen Innovation in Magallanes, both initiatives seek to give new impetus to the sustainable development of this industry in the country.

- **Key Collaborations**

In April 2024, the regional roadmap for the development of green hydrogen in the Biobio region was launched. This initiative, developed under a public-private cooperation programme, aims to decarbonize the region's productive sectors by introducing H2V, boosting local demand.

This is in addition to previous efforts in the Magallanes region, where coordinated work continues between the Ministry of Economy, CORFO, the Regional Government of Magallanes, the Ministry of Energy, and the private sector represented by H2 Magallanes association

Examples of Lessons Learned and Impact *Chile*

Program initiative, policy, regulation or mandate	Lessons Learned/Outcomes
Chile's 2023-2030 Green Hydrogen Action Plan	<ul style="list-style-type: none"> 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. The importance of Hydrogen is recognized in Chile through a consensual political transversal approach, Tracking and monitoring the fulfilment of milestones is key for visualizing progress and prioritizing necessary coordination between government agencies
Green Hydrogen Regulation Work Plan 2024 – 2030 (PDT)	<ul style="list-style-type: none"> In September 2024 the government presented the Work Plan, which aims to ensure people's safety and provide clarity on the requirements that green hydrogen projects must meet in order to be developed in the country.

Chile – Profile November 2024



Status of Deployments

- Chile has around 80 hydrogen projects in the making.
- 5 projects submitted for environmental assessment, adding up to 3.9 GW of electrolysis capacity and investment of 15000 MM USD
- 6 pilot projects in operation

Leading Government Initiatives

- With its Climate Change Framework Law, Chile intends to be carbon neutral by 2050
- Chile formally presented its Nationally Determined Contribution Actualization in 2025
- The 2020 Green Hydrogen Strategy
- The 2023-2030 Green Hydrogen Action Plan

Goals or Focus Areas

- 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).

Deployment Goals

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

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). Application window to open in December 2024

Thank you



International Partnership
for Hydrogen and Fuel Cells
in the Economy