



International Partnership
for Hydrogen and Fuel Cells
in the Economy

Chile Update

43rd IPHE Steering Committee Meeting

10-11 June 2025

Santiago, Chile

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 **22% of milestones completed**.

• New Research & Development, Demonstration and/or Deployment Activities

In March 2025, CORFO, the Chilean economic development agency awarded US\$25.6 million in financing to three business consortiums from Chile, Spain and China, as part of the call for proposals for the “**Manufacture and/or assembly of electrolyzers and their components in Chile**”. Also, In November 2024, CORFO adjudicates a new **Green Hydrogen Technology Center in Magallanes**. This initiative seeks to provide infrastructure, technological capabilities and human capital to promote the sustainable development of the green hydrogen industry and its value chain.

There are interesting new pilot projects such as the **first hydrogen bus assembled in Chile**, buses, trucks, new industrial applications, blending, among others.

As of May 2025, six hydrogen and ammonia projects have entered the environmental evaluation process, with which we currently have an estimated investment of 4.4 billion US dollars in projects under environmental evaluation. If completed, these projects would generate an electrolysis capacity of 9.65 GW and a production of 1156 tons of GH2 per year.

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 • Collaboration is the key to succeed, the lessons learned by the shared experiences in working groups is essential.

Chile – Profile June 2025



Status of Deployments

- 6 projects submitted for environmental assessment, adding up to 9,65 GW of electrolysis capacity and investment of USD4.4 bn.
- 8 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. Actualization in 2025.
- 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 Electrolysis capacity operating and under development
- In 2030 → 25 GW production of green hydrogen via electrolysis

Funding

- Up to 5 million USD co-finance per project aimed at fostering the demand and supply of green hydrogen in the Biobio region

Thank you



International Partnership
for Hydrogen and Fuel Cells
in the Economy