



IPHE Country Update Nov 2024 – Apr 2025:

Chile

Name	Angel Caviedes
Contact Information	acaviedesc@minenergia.cl
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1. New Initiatives, Programs, and Policies on Hydrogen and Fuel Cells

After the publication of the Green Hydrogen Action plan in 2024, the Ministry of Energy has established a process to monitor its implementation.

All 18 lines of action have begun their implementation, with over 84% of actions under development, and with 22% of milestones finalized.

2. Hydrogen and Fuel Cell R&D Update

CORFO has awarded resources for the “Manufacture and/or assembly of electrolyzers and their components in Chile” to 3 companies during March 2025. The three companies selected from among 10 that participated in this call were: the Chinese company Beijing Sinohy Energy CO, LTD with its project “Hygreen BioBío H2v”, to be located in the industrial centre of the Biobío Region; the national consortium Fastpack S.A. with its project “Hypack Chile: Electrolyzer Assembly Plant in Chile”, to be located in the Metropolitan Region; and the Spanish company Joltech Solutions with its project “Development, construction and commissioning of the 1st electrolyser plant from 100 KW to 1 MW”, also to be located in Biobío. The projects total an investment of more than US\$ 50 million.

Also, In November 2024, CORFO adjudicated 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. The selected project was presented by Fundación Chile and has as co-executors the Technical Research Centre of Finland LTD (VTT), HUB FPYME Magallanes, Universidad de Chile, Universidad Adolfo Ibáñez



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and the Energy Sustainability Agency, in addition to ENAP, HNH ENERGY, HIF, EDELMAG, Consorcio Austral, EDF and TEG CHILE as partners.

3. Demonstration, Deployments, and Workforce Developments Update

As of April 2025, Chile has 8 hydrogen and hydrogen derivatives pilot projects in operation, equivalent to an installed electrolysis capacity of 2MW. Of these projects, five are in the Metropolitan region, one in Antofagasta, one in Coquimbo, and one in the Magallanes region. Some of them are: first hydrogen bus assembled in Chile, buses, trucks, new industrial applications, blending, e-fuels, among others.

On May 12, 2025, the Environmental Evaluation Service accepted for processing a new hydrogen and green ammonia production project in the Magallanes region, 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 H₂v per year.

Regarding workforce development, as part of the Power-to-MEDME-FuE project, FiBS RILL and AHK Chile have developed 15 technical occupational profiles that will guide workforce development in Chile's green hydrogen sector. These profiles define key roles within the construction and industrial assembly an operation and maintenance stages of hydrogen plant development. It is expected that these profiles can serve as a strategic tool to align education and industry within the hydrogen sector, and aid in the development of policies and workforce planning.

We have also begun coordinating the Green Hydrogen Training of Trainers Plan (France). This program, the result of cooperation between Chile and France, seeks to develop technical and pedagogical skills in teachers of technical-professional high schools in the regions of Antofagasta, Biobío and Magallanes. This program, par of Action 64 of the Green Hydrogen Action Plan, will be implemented in June 2025.

4. Events and Solicitations

Regional meeting on Green Hydrogen. Exchange of experiences on human capital, innovation and territory, to be held on 22, 23 and 24 July 2025 at the Training Center of the Spanish Cooperation in Montevideo, Uruguay.

This meeting is part of the TEI RH2 project, Team Europe Initiative for the Renewable Hydrogen Development in Chile, where the Spanish Agency for International Development Cooperation (AECID), with the support of the EU, and together with the Ministry of Energy and the Chilean Agency of International Cooperation for

¹ Can include *Requests for Information* and *Calls for Proposals* and other requests that may or may not involve funding support but looks to address issues that may be of interest to IPHE members



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Development (AGCID), support Chile's efforts towards a green hydrogen economy that is fair, inclusive and sustainable.

Hyvolution Chile, the main meeting of the green hydrogen, energy and mobility industry, will be held between September 2 and 4, 2025, seeking to connect the entire value chain around green hydrogen.

RFI Wind System - This Request for Information (RFI) process seeks to contribute to the development of a chain of suppliers of clean energy technologies to promote renewable electricity generation and the production of green hydrogen and to advance in terms of decarbonization and fair energy transition, identifying those companies that would be interested in manufacturing wind systems and/or their components in Chile, and under what conditions they would be installed to supply the national and regional market.

The process is open until July 30. For more information visit <https://www.corfo.cl/sites/cpp/rfi-for-wind-system>

5. Investments: Government and Collaborative Hydrogen and Fuel Cell Funding

A call for industrial rings to promote the demand for green hydrogen and its derivatives and productive linkages in the Biobío region is open until August 2025. The Biobío Region is one of Chile's main industrial centres, with a wide variety of productive sectors including the chemical, petrochemical, forestry and cellulose industries, cement, port logistics, among others. The industrial structure present in the region offers an important opportunity to generate local demand for green hydrogen and its derivatives. This call seeks to finance up to 60% of projects that promote the demand for hydrogen and derivatives in the region, with a cap of up to 5 million dollars.

6. Regulations, Codes & Standards, and Safety Update

In September 2024, Chile launched the “Regulatory Workplan for the Hydrogen Industry”, a document that details all regulations needed to enable the development of this industry in Chile, including a timeline to implement each one of them. Currently, in 2025, the Ministry of Energy is working on a) the development of safety regulation for gaseous hydrogen fueling stations for road vehicles and b) a quality standard/regulation for hydrogen. Both are expected to be completed and implemented by 2026.