



IPHE Country Update Jun 2025 – Nov 2025:

Chile

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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.

As of November 2025, all 18 lines of action have begun their implementation, with over 94% of actions under development, and with 33% of milestones finalized.

We are currently developing the **actualization of the National Green Hydrogen Strategy**. In collaboration with the IDB, we are creating inputs regarding investment projections, costs, applications, and market conditions to update our strategy and Action Plan.

In August 2025, the start of the process to sign a **Clean Production Agreement (APL)** was announced, aimed at protecting vulnerable bird species in Magallanes. The agreement, promoted by the Ministry of the Environment, seeks to create conditions that contribute to the sustainable development of the green hydrogen industry and the protection of local birdlife, and generate dialogue between companies, environmental organizations, academia, and public institutions to develop a collaborative and voluntary framework that allows for the advancement of biodiversity protection measures complementary to those required by current regulations.

2. Hydrogen and Fuel Cell R&D Update

We are developing **two studies to promote research, development and innovation** in the GH2 industry, in alignment with Action Line 17 of the GH2 Action Plan 2022 - 2030.

The study *“Consultancy for the Preparation of a Technical Proposal for Strengthening Research and Development Equipment Related to Green Hydrogen and Derivatives.”* Is set to be published by the end of November. The study, developed within the framework of the Team Europe RH2 Project with co-financing from the European Union and the German Government, lays the foundations for strengthening the Chilean green hydrogen ecosystem through a robust diagnosis of gaps in R&D&I infrastructure and technical training. This work was validated through Validation Workshops in the regions associated with projects in this industry: Antofagasta, Valparaíso, and Biobío.

Likewise, the study “Identification of gaps and opportunities for scientific and technological development of green hydrogen for the preparation of R&D&I roadmaps”



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is expected to be published in early 2026. This study, promoted by the Ministry of Science, Technology, Knowledge, and Innovation, seeks to generate inputs for the development of roadmaps aligned with the national green hydrogen policies through the design and implementation of an Interinstitutional Working Group.

3. Demonstration, Deployments, and Workforce Developments Update

As of November 2025, Chile has **11 hydrogen and hydrogen derivatives pilot projects in operation**, equivalent to an installed electrolysis capacity of **2,12 MW**. Of these projects, six are in the Metropolitan region, two in Valparaíso, one in Antofagasta, one in Coquimbo, and one in the Magallanes region. The newly operating projects include a pilot plant for research and development, and the first green hydrogen plant operating within a power plant in Chile. This project seeks to replace the hydrogen used in their cooling generation units.

Two projects have moved forward in their environmental approval process. On September 11, the *“Green Hydrogen Production for the Antofagasta Mining District”* project was approved, and on October 30, the Magallanes Environmental Assessment Commission approved the *Cabo Negro carbon-neutral fuel plant*, owned by HIF Global, following a recommendation for approval issued by the Environmental Assessment Service.

As well, the **National Petroleum Company (Enap) has completed 72% of the construction** of the country's first plant dedicated to the production of green hydrogen (H₂v), located in the Cabo Negro industrial complex in the Magallanes Region. The project is in the final phase of civil works, while the manufacture of the main equipment in Belo Horizonte, Brazil, is progressing, with the first units beginning to arrive in Chile this month. These include the 1 MW PEM electrolyzer, the compressor, and the storage system, developed by the German company Neuman & Esser, which is responsible for the design and construction of the system.

In June 2025 the **Green Hydrogen Trainer Training Plan (France)** took place. This program, the result of cooperation between Chile and France, seeks to develop technical and pedagogical skills in teachers at technical and vocational high schools in the regions of Antofagasta, Biobío, and Magallanes. As part of the program, six teachers from technical high schools in Magallanes visited French institutes specializing in clean energy to learn about the operation, maintenance, and supervision of green hydrogen technologies.

As part of the 2023-2030 Green Hydrogen Action Plan, government officials visited the Magallanes Region to deliver **electrolyzers to technical high schools** in the region. This measure seeks to make Chile a world leader in green hydrogen production, placing young people at the centre of this transformation. This is a key step in developing this energy future through public education, as this high-tech equipment will allow students to access world-class laboratory experiences, preparing them to actively participate in the green hydrogen industry, which is already attracting large investments.

4. Events and Solicitations



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Local demand as an enabler for a low-carbon hydrogen economy: seminar organized in the framework of APEC Energy Working Group. The two-day workshop to be held in April 2026 aims to share information on the public policies APEC economies have successfully adopted to incentivize or drive local hydrogen demand. This will culminate in a report with public policy recommendations for local demand creation in APEC economies.

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

The “**Green Hydrogen Industry Promotion Bill**” was submitted to congress in August 2025 and approved by the chamber of deputies’ finance committee on October 8. This bill creates a temporary tax benefit consisting of a credit against the First Category Tax (IDPC), which will be available to companies that purchase green hydrogen (GH2) or any of its derivatives, such as ammonia or methanol, from local producers, for a total amount of up to US\$2.8 billion.

This benefit will apply exclusively to the first purchase made from an GH2 producer and will be available to the customers of those producers. Companies that purchase GH2 or any of its derivatives will be entitled to a tax credit in the IDPC for each kilogram of GH2 purchased, calculated according to the value of the established benefit (in dollars per kilogram or its equivalent in derivatives).

Six tenders are planned between 2025 and 2030 for the award of this tax credit. The design envisages that a higher volume of credits will be granted in the early years and that, progressively, a decreasing ceiling will be established on the amount of the benefit to be requested.

In October 2025, Corfo (Chilean Corporation for the Promotion of Production,) announced a new call for proposals entitled “**Industrial Rings for the Promotion of the Green Hydrogen Industry and its Derivatives,**” with the aim of promoting technological, productive, and innovative development around green hydrogen (GH2) in two of the country's most strategic regions: Valparaíso and the Metropolitan Region. This initiative is part of the 2022-2026 Corfo's Green Hydrogen Committee agenda aimed at consolidating a new model of sustainable and decarbonized development for Chile. The call seeks to accelerate projects that integrate the production and demand for green hydrogen or its derivatives, taking advantage of existing energy and logistics infrastructure. The purpose is to bring together companies, startups, universities, and local suppliers throughout the hydrogen value chain, thereby promoting the creation of industrial alliances and commercial agreements between regional, national, and international actors.

6. Regulations, Codes & Standards, and Safety Update

Enacted on September 29, 2025, the Sectoral Permits Bill was promoted by the Ministry of Economy with the aim of simplifying the process of obtaining permits, providing greater certainty for investment projects without compromising regulatory standards or reducing current environmental and technical requirements. The legislative initiative seeks to optimize and reduce the processing times for sectoral permits by between 30% and 70%, simplifying and modernizing the administrative processes for strategic projects for national development, which will see processing



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times reduced by 50%. In this way, it incorporates various measures aimed at streamlining and making the processing of sectoral authorizations more efficient.