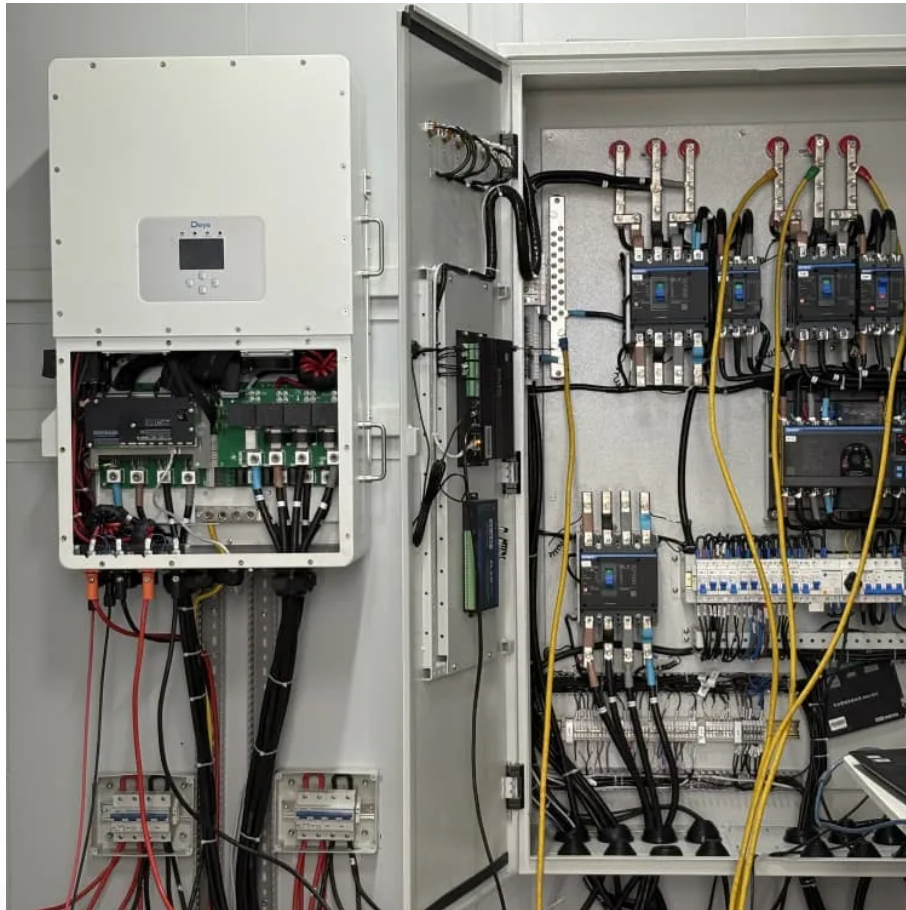


## Kongres Container

# What are the hydrogen energy solar sites in Chile



## Overview

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Abundant solar radiation in the Atacama Desert and powerful Patagonian winds in the Magallanes region make Chile a prime location for green hydrogen production. Can Chile become a green energy powerhouse?

With its vast deserts, long coastline and extensive reserves of critical minerals, Chile is a potential renewable energy powerhouse. The government's goal is to have only clean energy by 2050 and to become one of the world's top green hydrogen exporters by 2040. The European Investment Bank is helping the country make this green transition.

How many green hydrogen projects are there in Chile?

In December 2021, the Chilean National Development Agency selected six green hydrogen production projects for development with plans to begin operating in 2025. The Chilean development agency Corfo has selected six hydrogen projects with a cumulative electrolyser capacity of 396MW which will be financed by public subsidies totalling US\$50 million.

Is Chile a leader in the production of green hydrogen?

A combination of characteristics makes Chile a potential leader in the production of green hydrogen in Latin America and the Caribbean (alongside Brazil and Colombia). Green hydrogen is produced using electrolyzers, which split water into hydrogen and oxygen through a process that requires substantial electricity.

What is the 'program to promote green hydrogen in Chile'?

The Ministry of Energy in coordination with the Budget Office, proposed the creation of the "Program to Promote Green Hydrogen in Chile" with public investment of €2.26 million. The new government in 2022 has reaffirmed the ambitious programme for green hydrogen. Several projects in development.

Will Chile become a low-cost exporter of green hydrogen by 2040?

Chile plans to become the leading low-cost exporter of green hydrogen in the world by 2040. With some of the most powerful solar radiation on the planet in its northern regions and onshore winds that compete with the offshore potentials of other regions, Chile aims to take full advantage of its natural conditions.

What is Chile's National Hydrogen strategy?

The Ministry of Energy unveiled its National Hydrogen Strategy at the end of 2020 with an objective to turn Chile into a frontrunner in green hydrogen production and export. The strategy addresses the policies and regulatory framework that will be enacted to encourage the development of the industry.

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