



Chilean companies exporting energy storage to the EU

Can Chile become an energy exporter? Chile has abundant renewable energy resources and has experienced fast growth in renewables over the last five years, but the question of whether Chile could become an energy exporter remains. The most suitable areas for wind projects are concentrated in the extreme south, while the best land for solar projects is in the north close to the desert. Will Chile be able to develop energy storage projects in ? In , Chile passed an energy storage and electromobility bill, which made stand-alone storage projects profitable, but the market is still expecting new rules on capacity payment for storage projects, which are to be approved in . Chile has also put in place an auction procedure to award public land for the development of BESS projects. How many energy storage projects are in Chile? According to a December publication on the InvestChile website, the country had 23 approved energy storage projects with a total of 3,000 MW of capacity. Chile is exploring a variety of solutions to keep abreast of the changing energy demand landscape ranging from BESS to innovative projects using CO₂. Who owns Chile's electricity? Chile's electricity sector, including generation, transmission, and distribution, is privately owned and operated by both foreign and local companies. For example, AES Andes, a fully owned subsidiary of Arlington, VA-based AES Corp., is the second largest power producer. How will EU technical assistance work in Chile? Most of the future EU technical assistance actions will be funded through the 4MEUR Chile Country Window under the new Euroclima Programme for Latin America and the Caribbean, co-financed with another 4MEUR by the German Ministry of Energy, Environment and Climate Change (BMWK): "Renewable Hydrogen Development Chile" project. 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 and to become one of the world's top green hydrogen exporters by . The European Investment Bank is helping the country make this green transition. The Green Hydrogen Fund for Chile - a Team Europe initiative by the European Investment Bank, the German development bank KfW and the EU delegation in Chile - will support a wide range of hydrogen projects, from water desalination and renewable power generation to storage and transport. The Green Hydrogen Fund for Chile - a Team Europe initiative by the European Investment Bank, the German development bank KfW and the EU delegation in Chile - will support a wide range of hydrogen projects, from water desalination and renewable power generation to storage and transport. Plenty of light, wind and critical minerals could make Chile a renewable energy and green hydrogen 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 ewable energy from Chile. It is confirmed that Chile has a considerable renewable energy potential that can be the basis for various exports. The different energy export options identified are: renewable electricity using electrical transmission grids; hydrogen and derivatives (synthetic fuels In February , the trade agreement between Chile and the European Union (EU) officially took effect, marking a significant advancement in their cooperation on critical raw materials and green



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hydrogen production. This collaboration is poised to benefit the solar energy industry and contribute to Chile for the development of its green hydrogen economy. The aim is to boost investment opportunities in the field of green hydrogen in Chile by supporting the creation of an attractive enabling environment, providing concessional financing, promoting collaboration in R&D and fostering business. BESS can store surplus energy produced by renewable sources during periods of high generation and release it at peak demand, during low production, or whenever there is available grid capacity. Thus, BESS ensures reliable power supply and eases the integration of renewable generation facilities. Grenergy has announced a \$3.78 billion investment in energy storage as part of its 2023-2025 strategic plan, presented during its Capital Markets Day in London. The plan emphasizes the company's goal to lead the battery energy storage system (BESS) sector across Chile and Europe. By 2025, Grenergy Chile's ambitious renewable energy and green hydrogen plans. The Green Hydrogen Fund for Chile - a Team Europe initiative by the European Investment Bank, the German development bank KfW and the EU delegation in Chile - will support a wide range of projects. The Chilean Potential for Chile's electricity sector, including generation, transmission, and distribution, is privately owned and operated by both foreign and local companies. For example, AES Andes, Chile-EU Trade Agreement: A Boost for Solar A major aspect of the agreement is the removal of 99.9% of EU export tariffs, which will facilitate smoother and more cost-effective trade between the two regions. An analysis of renewable energy resources and options for the International cooperation is required to make the best use of the available renewable energy. Three practical international options to unlock Chile's potential are TEAM EUROPE INITIATIVE Green hydrogen cooperation. The Chilean Ministry of Energy published its first "National Green Hydrogen Strategy" in November 2022, establishing the country's main hydrogen production, storage, and export strategy. Chile Energy Storage Industry Holds Promise | EMIS In March 2023, Atlas Renewable Energy announced it has signed a power purchase agreement (PPA) with Chilean mining giant Codelco for the supply of 375 GWh of energy per year. Grenergy, energy storage, BESS, Greenbox, Oasis de Atacama, Grenergy unveils a \$3.78B investment strategy to expand energy storage through 2025, targeting 18.8 GWh across hybrid solar-storage projects and launching the Greenbox project. Chile plans green hydrogen export corridor to Europe. The Netherlands and Chile have been working together to create a corridor to export hydrogen generated from renewable energy in Chile and distribute it efficiently throughout Europe via Rotterdam. Exporting Chilean Green Hydrogen to Europe Chile's target of \$1.5 per kilogram is a testament to the feasibility of cost-competitive green hydrogen. For Europe, this initiative holds profound implications. The Chile's ambitious renewable energy and green hydrogen plans. The Green Hydrogen Fund for Chile - a Team Europe initiative by the European Investment Bank, the German development bank KfW and the EU delegation in Chile - will support a wide range of projects. The Chilean Potential for Production or manufacturing by Chilean or international companies of products and services locally (an energy-intensive industry with low carbon footprint requirements) with RE and then Chile. Chile's electricity sector, including generation, transmission, and distribution, is privately owned and operated by both



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