

Spanish hydrogen storage policy

Why do we need hydrogen infrastructures in Spain?

Hydrogen infrastructures in Spain are key to decarbonization, competitiveness and European security of supply. Read more!

How many hydrogen policy interventions are there in Spain?

During our research into the Spanish hydrogen policy landscape, we found over 57 policy interventions on hydrogen. The country dashboard outlines distribution and details. The analysis shows that the Spanish hydrogen strategy is export-oriented with a high focus on research and development and hydrogen production.

Does Spain have a regulatory framework for green hydrogen?

Spain already has a de lege lata regulatory framework that enables green hydrogen to be produced, transported and supplied in Spain, notwithstanding the European package for its regulation that is already in the works, consisting of a proposal for a regulation and a proposal for a directive. The multiple regulatory layers transcend a single sector.

What is Spain's Hydrogen strategy?

The country dashboard outlines distribution and details. The analysis shows that the Spanish hydrogen strategy is export-oriented with a high focus on research and development and hydrogen production. Hydrogen usage is focused on the mobility and industry sectors.

Why should Spain invest in green hydrogen?

This advantageous position will serve as a basis for the establishment of future green hydrogen infrastructures. Thanks to its potential for renewable energy production, Spain also has the opportunity to become a leading player in the production and export of renewable energies, such as green hydrogen.

Which European hydrogen storage facilities are included in the PCIs list?

These storage facilities and the Spanish hydrogen hubs, as well as H2med with its Celorico da Beira-Zamora and Barcelona-Marseille sections, were included in the final European list of PCIs in April 2024.

The Spanish group aims to further build on its hydrogen portfolio, in June 2023 the firm announced plans to establish a green hydrogen maritime corridor with the Netherlands and ...

The Spanish government has given its provisional approval for gas-grid operator Enagás to develop a national network of hydrogen pipelines and two large-scale storage ...

So why does Spain only have 31MW of green hydrogen capacity in operation today, with only double-digit-megawatt projects reaching final investment decision (FID) so far? According to ...

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Next week, Enagás will launch the Public Participation Plan of the Spanish Hydrogen Network, the largest of its kind ever developed in Spain.

EHB support is complemented by the Spanish government's significant EUR794 million (\$885 million) state aid package under the EU's IPCEI Hy2Use program, aimed at ...

The Spanish government has today announced that it has allocated and distributed EUR524m (\$598m) of grants to five green hydrogen projects that had been greenlit for ...

This work studies the potential of hydrogen production from surplus electricity, in line with Spain's ambitious decarbonization goals. By simulating t...

A PCI project with European funding The rst axes of the Spanish hydrogen network have been identi ed as a Project of Common Interest (PCI) in the European Commission's rst call for ...

In its 2022-2030 strategic plan, Enagás had prioritized the development of hydrogen infrastructures as a key axis to contribute to the security of supply and ...

The Spanish government has made few changes to its final 2023-2030 National Integrated Energy and Climate Plan (NECP) compared to the draft version, raising only energy ...

December 2021: On 15 December 2021, the President of the Government of Spain presented the Strategic Project for the Recovery and Economic Transformation of Renewable Energies, ...

Essential infrastructure for Spain's hydrogen network The objective of the PCI 9.24.1 "Hydrogen Storage North-1" project, located in Cantabria, is to develop an underground hydrogen storage ...

Hydrogen storage systems (HSSs), are the backbone of feasible hydrogen economy. To provide a reliable renewable energy system, safe, cost effective an...

The development of the Spanish hydrogen backbone, including associated storage, is valued at EUR75.8 million. The company is also working on an extension, with an ...

The European Commission has approved 100% of the funding requested by Enagás for the studies of the Projects of Common Interest (PCI) of the H2med corridor and the ...

The roadmap has a set of challenges, opportunities and measures for robust development of hydrogen technologies and establish a market for the entire ...

The Council of Ministers has approved, at the proposal of the Ministry for the Ecological Transition and the Demographic Challenge (MITECO), a Royal Decree to allocate ...

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