

PRESS RELEASE

Teréga is reporting on the results of the call for expressions of interest (CEI) to determine the size of hydrogen (H₂) and carbon dioxide (CO₂) infrastructure requirements in South-West France.

In 2023, Teréga launched an infrastructure project dedicated to the transport and storage of hydrogen in the south-west region, the cornerstone of the European hydrogen backbone. Subsequently, from 26 June to 13 October, Teréga initiated a call for expressions of interest to specify the needs for hydrogen infrastructure, and infrastructure dedicated to the transport, storage and recovery of CO₂ (CCUS).

Background review

Hydrogen and the CCUS sector are major levers for decarbonisation and will play a key role in ensuring France's and Europe's energy sovereignty.

With this in mind, Teréga aims to **develop infrastructures for storing and transporting renewable, low-carbon hydrogen by 2030**. These will help to **decarbonise the major industrial and mobility hubs** in the **Occitanie** and **Nouvelle-Aquitaine** regions by interconnecting them to hydrogen flows produced locally and from southern Europe, the Mediterranean and the Atlantic seaboard (French production and imports).

The H₂ architecture studied will comprise a corridor of around 600 km of pipelines, 30% of which can be converted from natural gas to hydrogen. The aim for 2030 is to transport 16 TWh/year of carbon-free hydrogen throughout the South-West. The project schedules the development of salt cavern storage capacity in the Nouvelle-Aquitaine region, reaching 500 GWh by 2030, which will provide flexibility for Europe's security of supply.

In parallel, Teréga is also studying the **development of CO₂ Capture, Transport and Storage or Recovery (CCUS) infrastructures**.

The call for expressions of interest (CEI) launched by Teréga in June gathered precise information on the needs of regional, national and European players in the field of hydrogen and CO₂ transport and storage. The results of this call for tenders will enable Teréga to optimise the design and sizing of its projects and provide the best possible response to the needs of stakeholders and local authorities.

CEI results

In all, the Group received 125 expressions of interest and 61 projects/needs were identified.

- **Thirty-four of these are Hydrogen projects** (10 production projects, 17 consumption projects and 7 projects that combine both needs).
- **27 projects address Co2-related₂-related needs** (6 recovery projects, 19 capture projects and 2 consumption projects)

This call for expressions of interest has clearly highlighted valid needs throughout the territory covered by Teréga, both in terms of low-carbon hydrogen and CO₂ recovery and capture. The stakeholders include a wide range of players, including e-fuel producers, port areas that are very active in the hydrogen sector, industrial companies that emit fossil CO₂, the timber industry in the territory and biogenic CO₂ producers such as methanisation units and bioethanol manufacturers.

For the hydrogen sector:

The results show that all the stakeholders in the sector's value chain are mobilising to generate significant volumes of hydrogen production and consumption. The responses received by Teréga show the relevance of developing a public hydrogen transport grid in the greater South-West, which could eventually serve the various hydrogen hubs being developed in the territory.

For the CCUS sector:

The results highlighted by the CEI launched by Teréga confirm that the architecture envisaged for the future transport and storage infrastructures reflect the territory's decarbonisation needs and will make it possible to leverage the synergies between the hydrogen molecule and CO₂ to see the emergence of new industrial sectors.

Upcoming milestones

Between 2024 and late 2026, Teréga is expected to submit applications for PCI status in order to obtain subsidies. At the same time, preliminary technical feasibility studies and economic and environmental impact assessments will be initiated for projects whose need has been confirmed following the CEI.

For more information on this CEI, you can go [here](#)

"This Call for the Expression of Interest is part of Teréga's drive to accelerate the energy transition, achieve carbon neutrality by offering manufacturers decarbonisation solutions and strengthen France's industrial fabric. The results highlighted by this CEI confirm that the Greater South-West has a genuine need for hydrogen and CO₂ infrastructures, and that these projects are in line with the national aim of making France the leading low-carbon country in Europe by 2040. That is why Teréga is working daily to develop a virtuous energy plan alongside its various territorial stakeholders.

Dominique Mockly, Chairman and CEO of Teréga.

About Teréga

Established in South-West France, at the crossroads between major European gas flows, Teréga has exercised exceptional expertise for over 75 years in the development of gas transport and storage infrastructures. Today, it continues to develop innovative solutions to take on the major energy challenges facing France and Europe. Teréga operates over 5,000 km of pipelines and 2 underground storage reservoirs representing 16% of the French gas transport grid and 26% of national storage capacity. The company achieved turnover of 799 million euros in 2022 and employs about 650 people. Corporate social responsibility is at the heart of Teréga's strategy, as it embarks on the energy transition to carbon neutrality. Teréga has rolled out programmes in all areas of ESG (Environmental, Social and Governance): its employee safety and its infrastructure security via the PARI 2025 programme, sustainable development of territories and social responsibility via the ENERGIZ MOUV programme, support of philanthropic projects via the Teréga Accélérateur d'Énergies endowment fund, and reduction of environmental impacts via the BE POSITIF programme with a commitment to a 30% reduction in greenhouse gas emissions by 2030 compared to 2021 on all scopes 1, 2 and 3.

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