

PRESS RELEASE

Hydrogen Consultation: Release of first findings and next stages

On 1st June 2021, Teréga and GRTgaz launched a consultation of actors in the low-carbon and renewable hydrogen market on a national scale. [GRTgaz and Teréga are now publishing the first findings](#) to come out of that consultation. In the next stage, early in 2022, they will publish the broad outlines of their shared vision of the future low-carbon and renewable H₂ market.

GRTgaz and Teréga received **more than 130 responses** to the consultation questionnaire. In addition, actors in the hydrogen market requested nearly **60 two-way exchanges** to go further into the details of their vision for the development of a hydrogen market, their H₂ transport and decarbonisation needs, and their expectations of gas transporters.

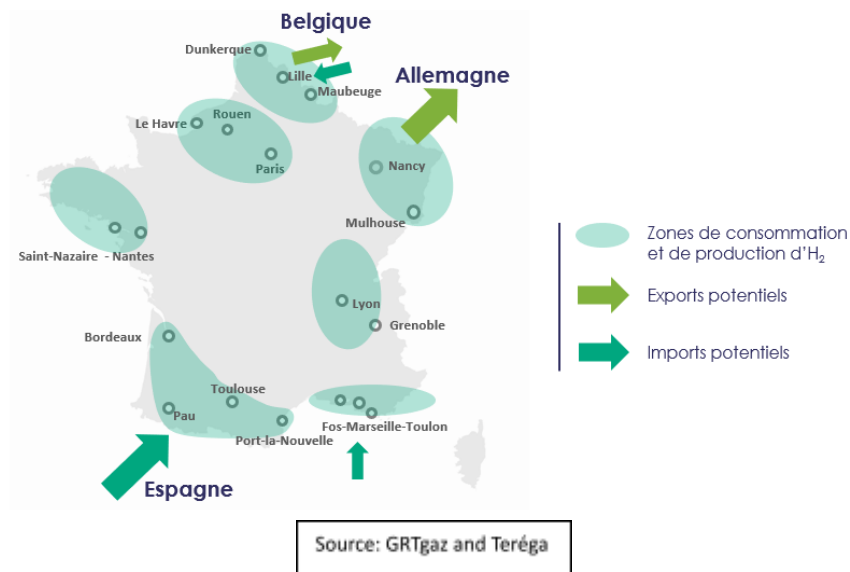
Who took part in this consultation?

- Those **industries** who are big energy consumers and CO₂ emitters responded in large numbers. They accounted for nearly 50% of responses to the questionnaire.
- **Energy shippers, suppliers, traders, producers and storage operators** made up 23% of respondents.
- **Local authorities** (regional, inter-commune cooperation establishments etc.) made up 11% of respondents.

What are the first findings to come out of this consultation?

- The consultation allowed us to identify nearly **90 potential production and/or consumption sites** across the whole French national territory.
- For actors in the market, **financial competitiveness** is the key factor for success in developing H₂ as an energy carrier. That competitiveness is the main criterion for industry when deciding to decarbonise by turning to this energy carrier. An important element is the cost of producing H₂, but transport costs and the price of CO₂ quotas also play their part.
- Consumers are particularly focussed on the **security and diversity of supply**.
- Actors clearly foresee a **staged development of the market**: the roll-out of H₂ as an energy carrier starting with **local ecosystems**, then **hydrogen valleys**, linking local ecosystems via a regional pipeline transport system, leading eventually to the **structuring of a pan-European interconnected pipeline transport grid**, incorporating **storage** infrastructures.

- The market's response broadly confirms the **geographical production and/or consumption areas as originally identified** in the [European Hydrogen Backbone](#) report (see map below).



- Industry also has a **high level of interest in the CO₂ market**. Nearly 50% of industrial actors see the **capture, storage and/or repurposing of CO₂** as a solution for decarbonising their businesses, and are pushing for a CO₂ market consultation, **for coordinated planning of dedicated infrastructure**.

What are the next stages?

To look further into the problems of CO₂ raised by respondents in the consultation, GRTgaz plans to **hold the first regional workshops** on the theme of **CO₂ - H₂ complementarities in November 2021**. That process will be rolled out to other regions by GRTgaz and Teréga in 2022.

Based on the in-depth analysis of responses to the consultation, the findings drawn from the regional workshops and two-way exchanges with actors in the hydrogen market, **early in 2022, GRTgaz and Teréga will present a consolidated joint vision of the future low-carbon and renewable H₂ market**.

Thierry Trouvé, CEO of GRTgaz, points out: *“The 3rd gas revolution that we’re living through now, the decarbonised gas revolution, must first and foremost serve the needs of actors in the market. This consultation confirms that those actors see hydrogen as a key means of decarbonisation. Industry is expressing a need for reliable access to competitively priced decarbonised hydrogen, and it is therefore interested in the progressive development of a dedicated infrastructure to achieve that. GRTgaz and its RICE research centre are already doing all they can to put our country in the vanguard of this transformation of the energy landscape.”*



Dominique Mockly, Chairman and CEO of Teréga, points out: *“Hydrogen is one of the keys to decarbonising our economy. As an independent gas operator and accelerator of the energy transition, we are dedicated to supporting regional actors in structuring this industry and thus meeting the major challenge of carbon neutrality. Today, this first consultation confirms our convictions and gives us a glimpse of the fine prospects for the future. Our new Hydrogen Business Unit within our Teréga Solutions subsidiary is at the heart of these strategic changes, and has the ambition to become a benchmark player in hydrogen ecosystems.”*

About GRTgaz

GRTgaz is the 2nd largest European gas transporter, boasting 32,500 km of pipelines and 640 TWh of gas transported. The business employs 3000 staff and achieved a turnover of nearly 2.3 billion euros in 2020. GRTgaz has a [mission statement](#) that runs: “Together, we make possible an energy future that is safe, affordable and climate neutral”. An innovative business undergoing profound transformation to adapt its network to the new ecological and digital challenges, GRTgaz is committed to a 100% carbon neutral gas mix in France by 2050. It supports the hydrogen and renewable gas (biomethane and gas from solid and liquid waste) industries. GRTgaz carries out public service missions to guarantee security of supply to its 945 customers (shippers, distributors, industry, power stations and biomethane producers). With its subsidiaries [Elengy](#), the European leader in methane tanker terminals, and [GRTgaz Deutschland](#), operator of the German MEGAL transport grid, GRTgaz plays a key role on the European stage. The business exports its expertise internationally, particularly those services developed by its research centre, [RICE](#).

You can find us at <https://www.grtgaz.com> and on [Twitter](#).

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About Teréga

A major actor of the energy world in Europe, Teréga has been established in South-West France for over 75 years. The company operates over 5,000 km of pipelines and two underground storage facilities, representing 16% of the French gas transport grid and 26% of national storage capacities. Meeting its public service obligations, Teréga ships natural gas to over 400 delivery stations, under optimal conditions of safety, cost and reliability. In 2020, the company generated revenues of €460 million and it has more than 660 employees.

Teréga enjoys a strategic position in Europe, where the company provides the interconnections which guarantee security of supply and with Spain in particular. Recognising that renewable gas has a vital role to play in the energy transition, Teréga wishes to establish itself as an accelerator of this green revolution through increasing its involvement in the biomethane, hydrogen (including Power-to-Gas) and natural gas for vehicles sectors. For more information, visit www.terega.fr.

You can also find Teréga on [Twitter](#), [Facebook](#) and [LinkedIn](#).

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