

1 June 2021



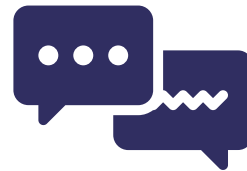
# Market consultation low-carbon and renewable H2

The event is about to begin,  
please wait a few moments.



# Welcome to the Launch Webinar for the low-carbon and renewable H2 market consultation

A few conditions to ensure the Webinar runs smoothly



# Introduction

Context and challenges for the H2 rollout in France



**Thierry Trouvé**  
GRTgaz Chief Executive Officer



**Dominique Mockly**  
President and Chief Executive Officer of  
Teréga



# The right context for a stakeholders' consultation

## - -Goal: decarbonising the economy

Carbon neutrality by 2050 - European H2 strategies and scenarios

**H2: A LOW-CARBON AND RENEWABLE ENERGY VECTOR FOR CARBON NEUTRALITY**

**Strong interest (production AND consumption)** at local, national and European levels

**Industries, mobility:** substitution for fossil fuels underway

**LOOKING AHEAD TO H2 TRANSMISSION**

The challenge of **developing uses**

**Logistics needs to be planned well in advance** to optimise the costs of the H2 transmission and storage system

**COLLABORATION BETWEEN EUROPEAN TSOs**

**Common transport needs** working together with adjacent TSOs

**Joint planning** of the European H2 network

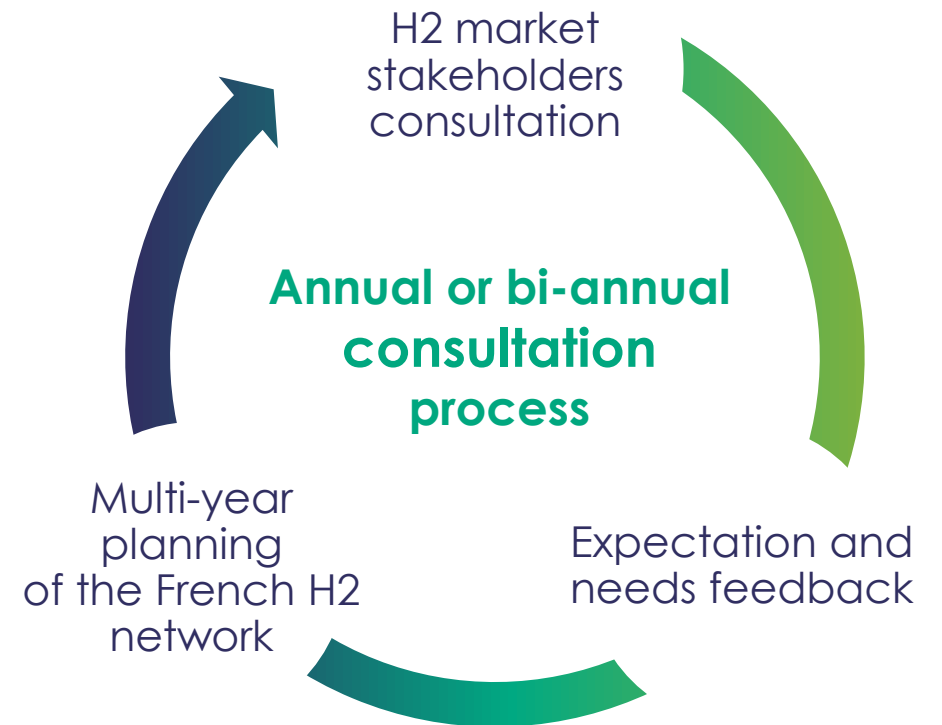
**AVAILABLE ROUTING CAPACITY**

**Possible conversion** of existing pipes at a lower cost

Transmission of **CH4 and H2 alongside one another**

# Consult to move towards a common vision of the low-carbon and renewable H2 market

- + Set up a dialogue between partners and H2 market stakeholders
- + Iterative feedback about needs
- + Long-term planning of the H2 network to meet these needs
- + Identify the common points between the current gas network and the future H2 network
- + Give market stakeholders visibility on H2 logistics



# Consolidation of French H2 market needs



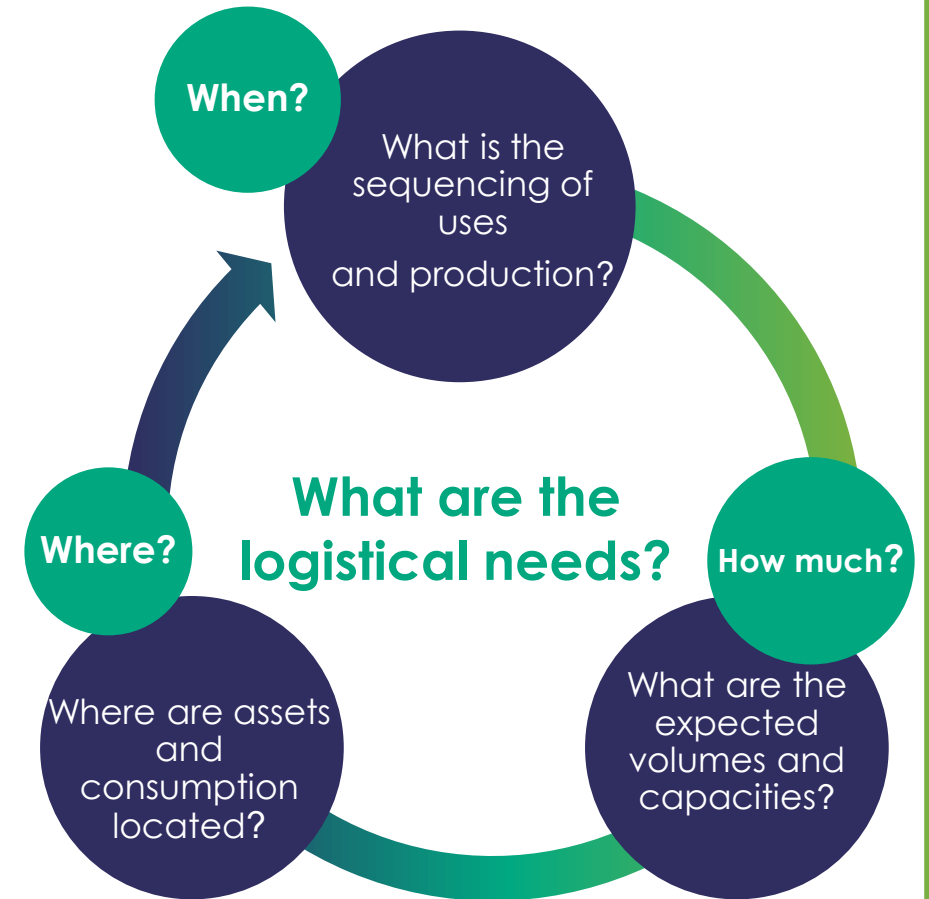
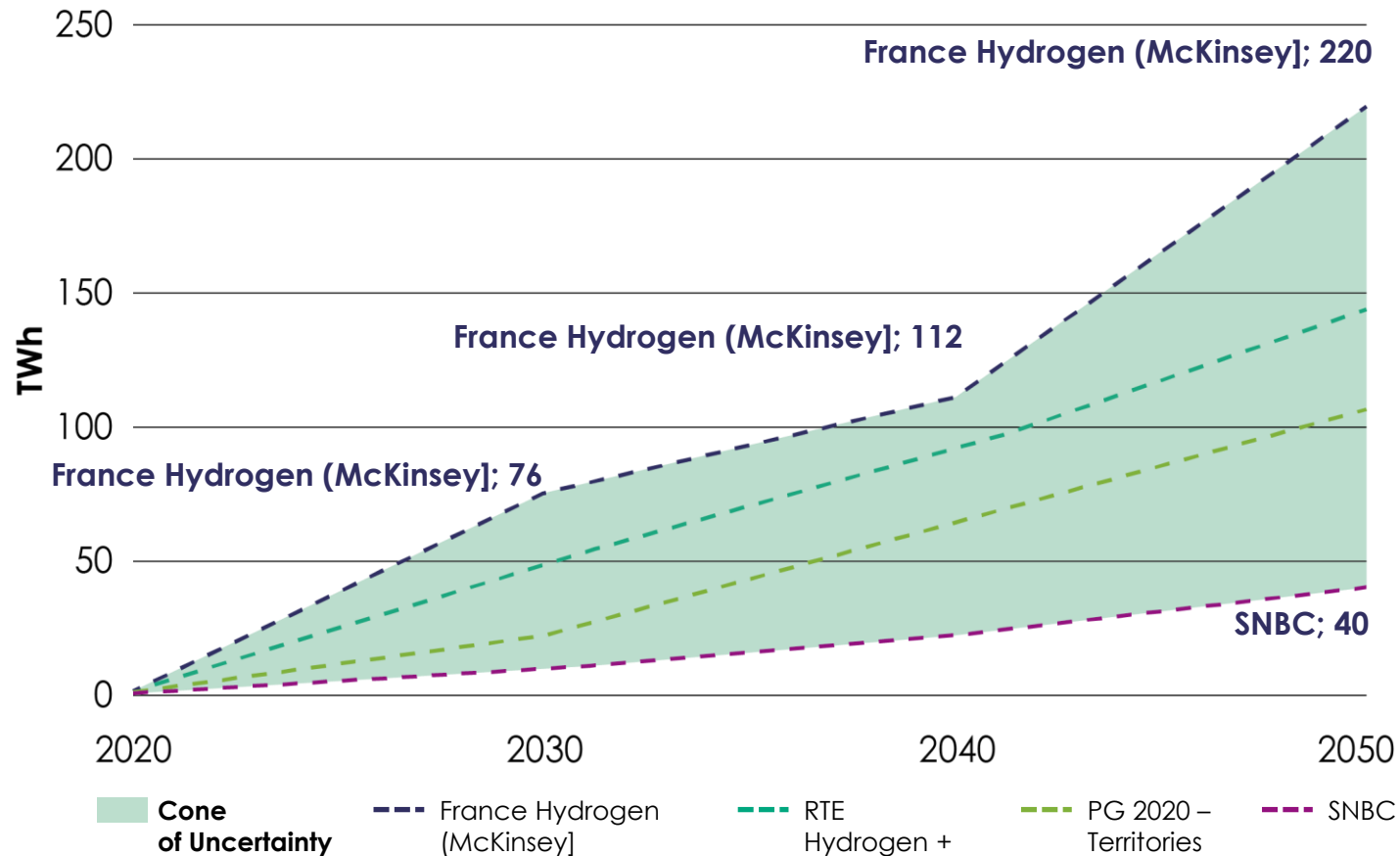
**Philippe Madiec**  
GRTgaz Director of Strategy  
and Regulation



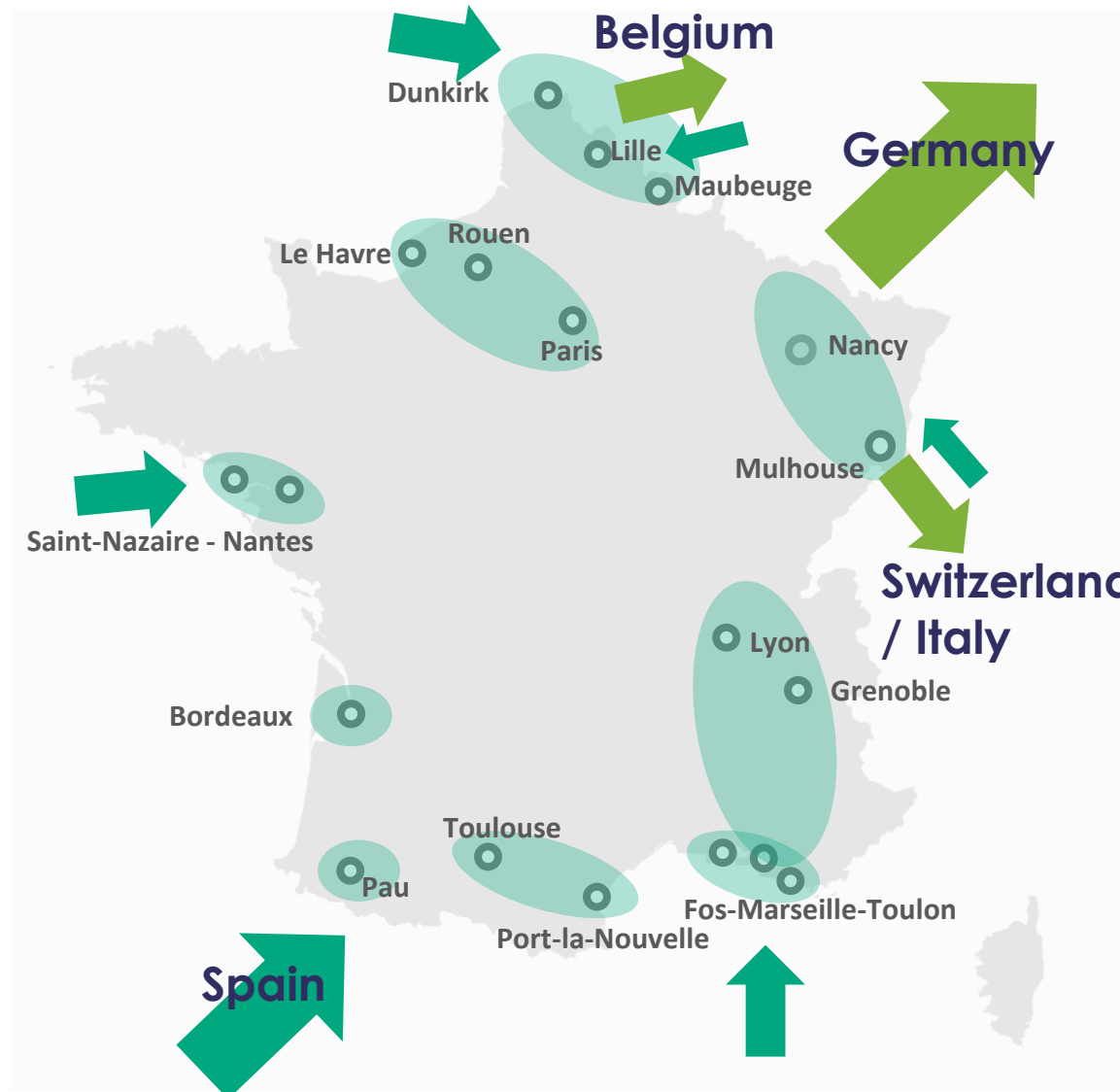
**Marie-Claire Aoun**  
Head of the Teréga Institutional Relations  
division



# Consult to specify H2 needs



# Strong signals for consumption and imports...



- Undefined production area(s)
- Consumption areas
- ➡ Potential exports
- ➡ Potential imports

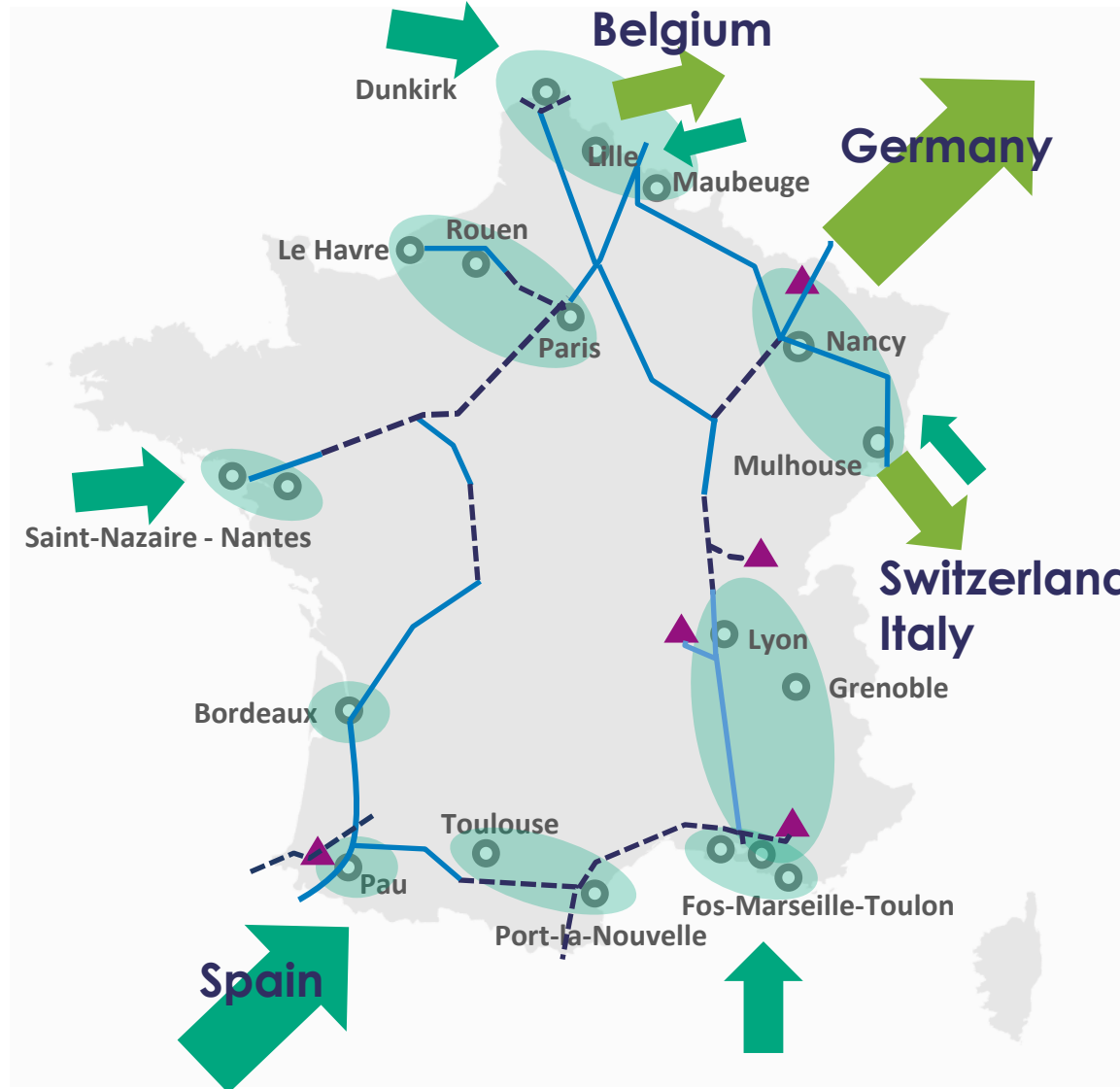




# ...Which provide up an initial vision of an H2 transmission network



European Hydrogen Backbone



# Consultation procedures and schedule



**Matthieu Morin**  
Project Manager - GRTgaz Strategy  
and Regulation Department



**Emilie Mauger**  
Network Optimisation Engineer  
Teréga Business and Regulation  
Department



# A sustainable approach to interaction with the market

[GRTgaz page](#)

[Teréga page](#)



[consultationh2@grtgaz.com](mailto:consultationh2@grtgaz.com)  
[consultationh2@terega.com](mailto:consultationh2@terega.com)



Annual or bi-annual cycle

Information webinar

1 June 2021

Questionnaire for H2 market stakeholders

1 June to 11 July 2021

Bilateral exchanges and regional/thematic workshops

From 1 June to end-November 2021

H2 network planning proposal

December 2021



# A questionnaire addressing all H2 market stakeholders

Common questions and specific questions depending on profiles



Downloading the questionnaire  
Option to respond in several stages

## H2 Market Vision

Decarbonisation strategy

H2 transmission needs

Expected technical specifications

## Volumetric details

Excel file to download, complete and attach to the completed questionnaire

Essential for planning the H2 network of tomorrow that meets your needs

## Subsequent bilateral exchanges

[consultationh2@grtgaz.com](mailto:consultationh2@grtgaz.com)

[consultationh2@terega.com](mailto:consultationh2@terega.com)

# Thanks to you all!

## Let's work together to come up with the H2 network of tomorrow

For any information, please contact us at:

[consultationh2@grtgaz.com](mailto:consultationh2@grtgaz.com)

[consultationh2@terega.com](mailto:consultationh2@terega.com)



[GRTgaz page](#)  
[Teréga page](#)

