

1 June 2021



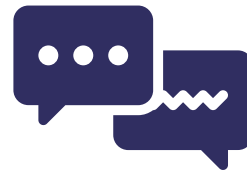
Market consultation low-carbon and renewable H2

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

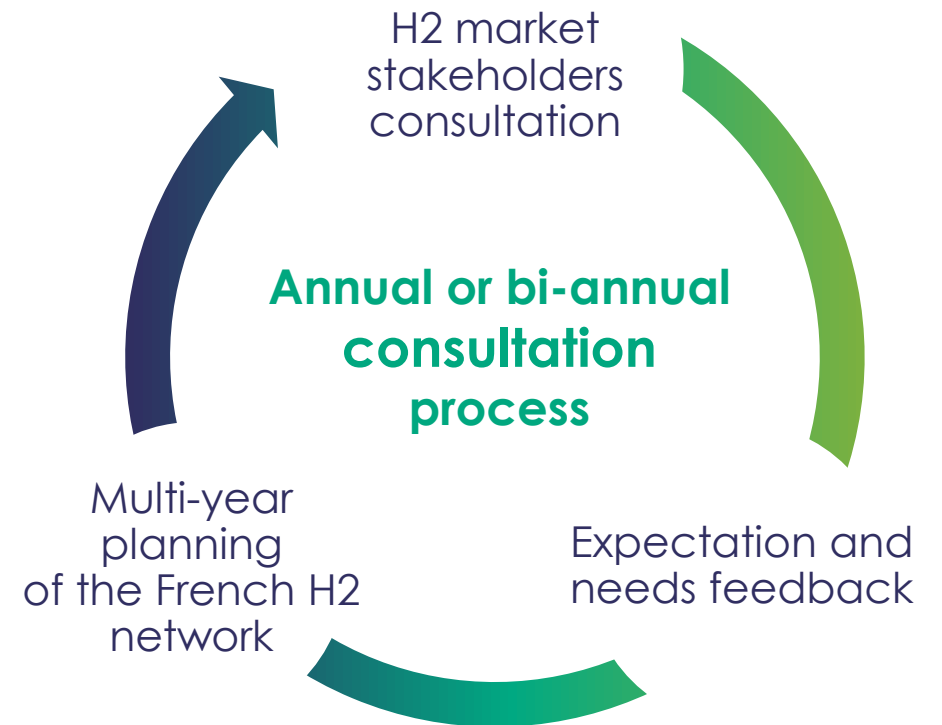
AVAILABLE ROUTING CAPACITY

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



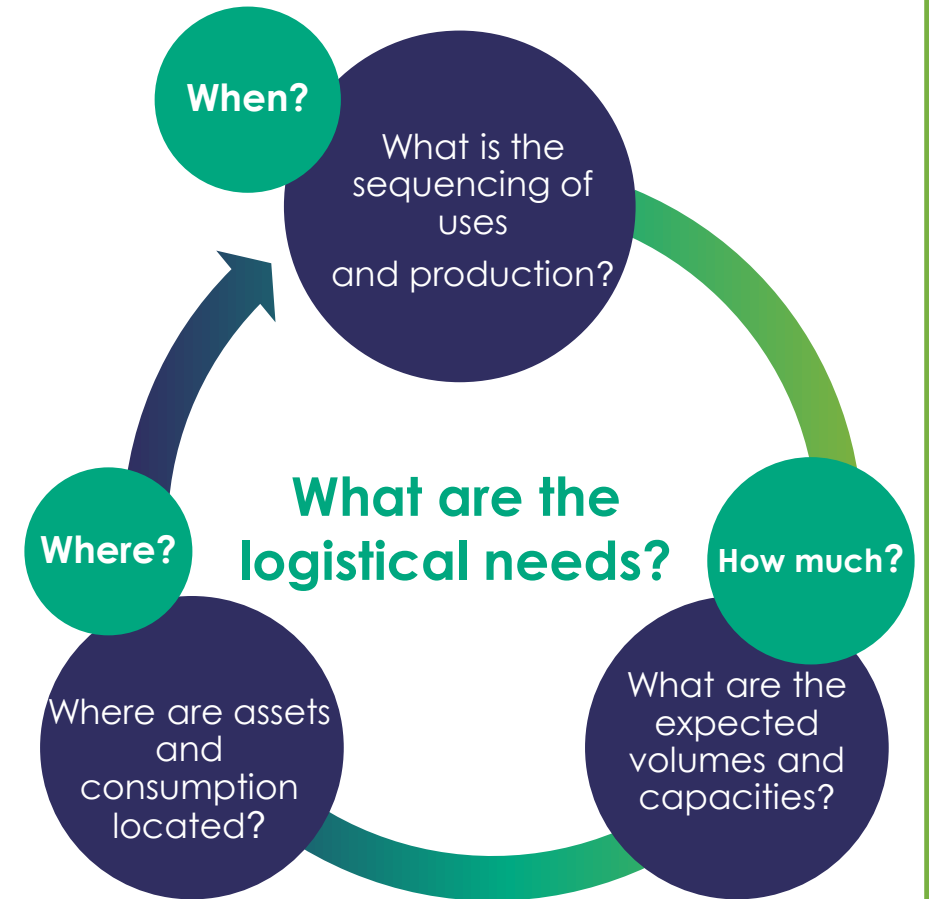
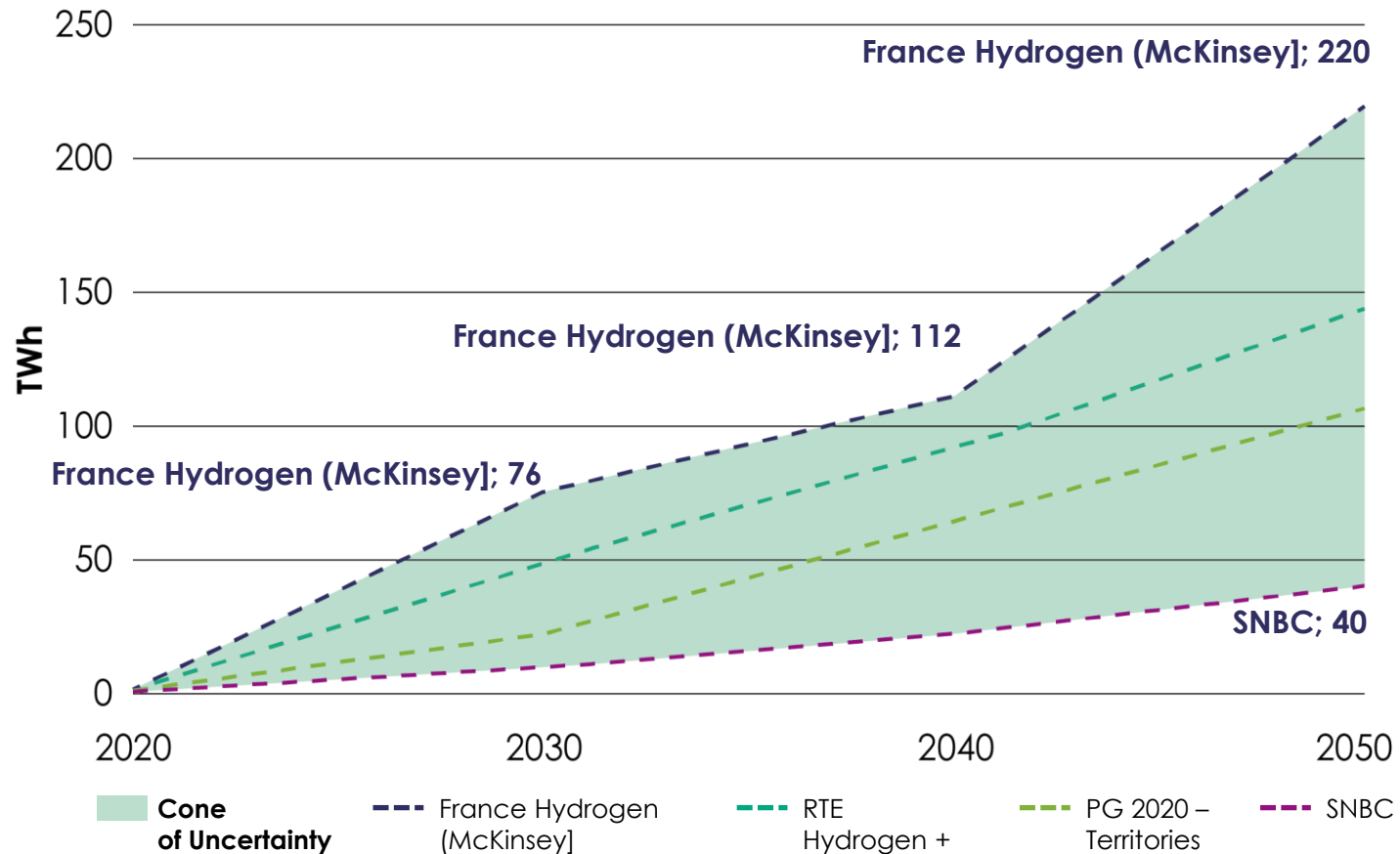
Philippe Madiec
GRTgaz Director of Strategy
and Regulation



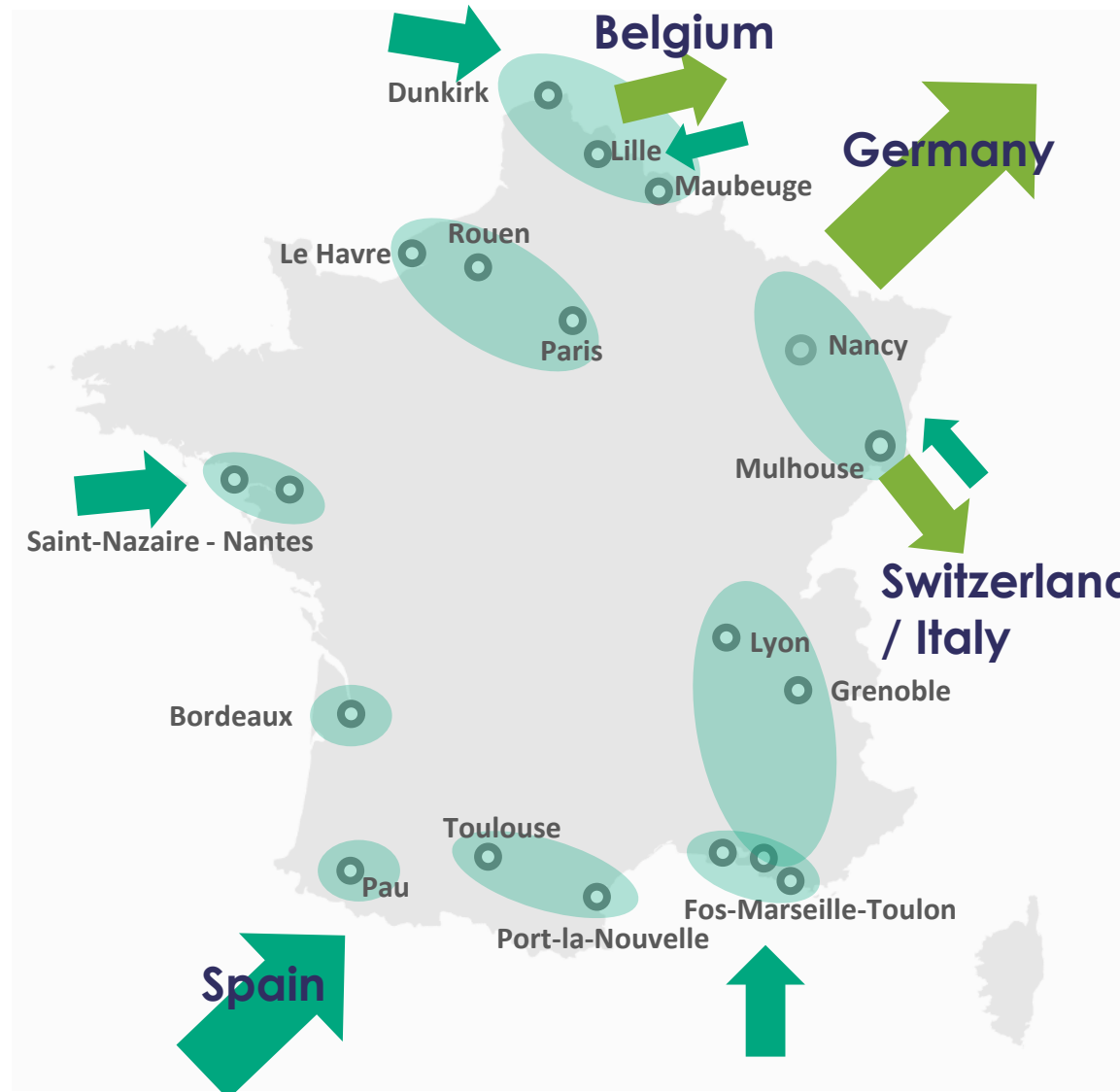
Marie-Claire Aoun
Head of the Teréga Institutional Relations
division



Consult to specify H2 needs



Strong signals for consumption and imports...



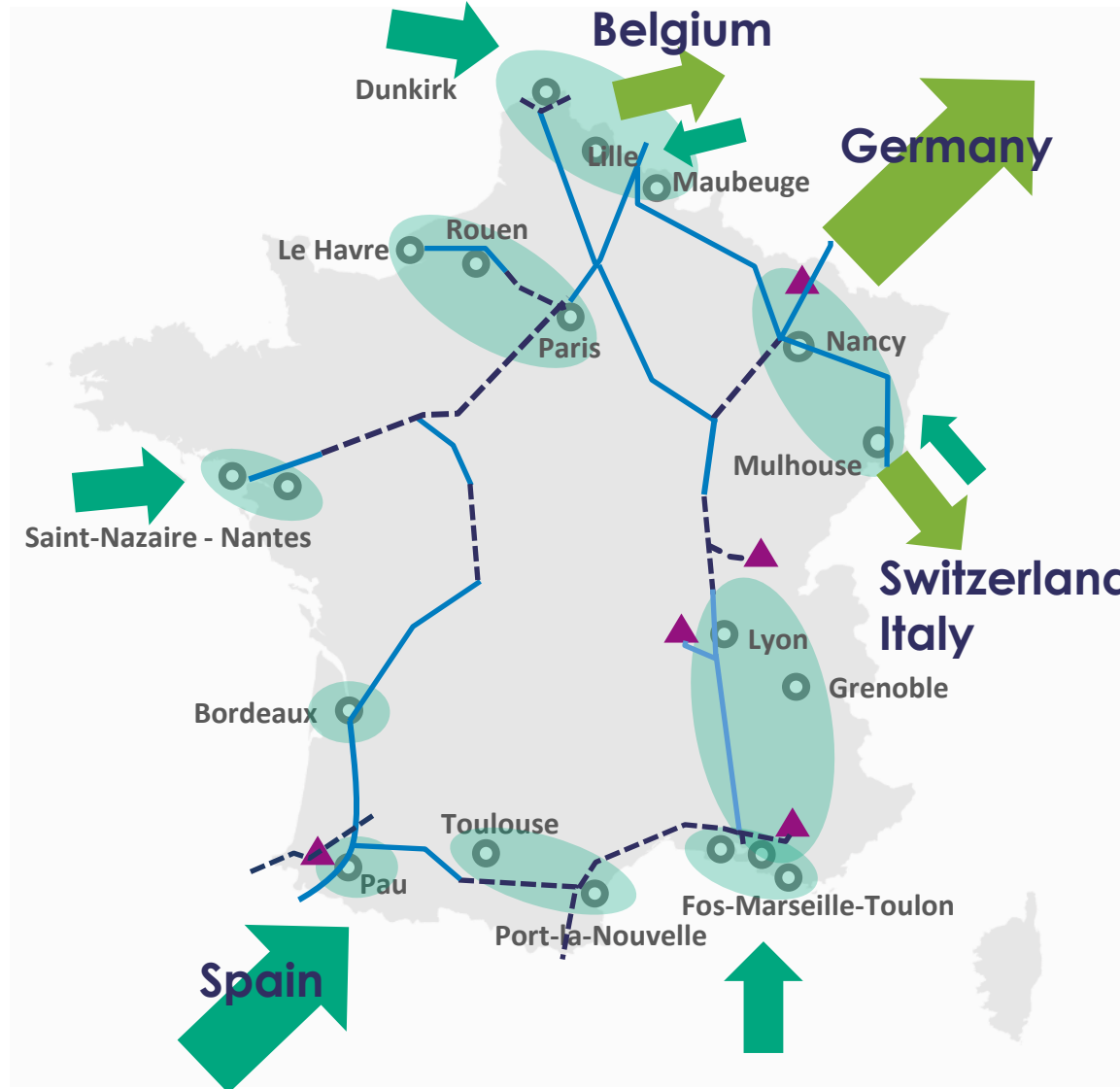
- Undefined production area(s)
- Consumption areas
- ➡ Potential exports
- ➡ Potential imports



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



European Hydrogen Backbone



- Consumption areas
- Potential exports
- Potential imports
- Potential H2 storage
- Dedicated pipes
Potential H2
- Potential conversion of existing pipelines



Consultation procedures and schedule



Matthieu Morin
Project Manager - GRTgaz Strategy
and Regulation Department



Emilie Mauger
Network Optimisation Engineer
Teréga Business and Regulation
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A sustainable approach to interaction with the market

[GRTgaz page](#)

[Teréga page](#)



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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

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Thanks to you all!

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

For any information, please contact us at:

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