



# Open Season for a **Hydrogen transport infrastructure – Haut-Rhin and Bas-Rhin**

18<sup>th</sup> September 2023



# Open Season for the construction of a hydrogen transport infrastructure on the territory of the Haut-Rhin and the Bas-Rhin

Infrastructure Proposal « Haut-Rhin and Bas-Rhin »

## Disclaimer

This document (“Infrastructure Proposal **Haut-Rhin and Bas-Rhin**”) presents certain information concerning hydrogen transport, which is considered to be a solution for achieving decarbonization objectives. The information contained in this document reflects the views of GRTgaz S.A. at this stage and is made public for information purposes only and without any commitment on the part of GRTgaz S.A., and should not be considered as giving rise to any contractual relationship between GRTgaz S.A. and any interested party.

## Description of proposed infrastructure

As part of the Open Season launched by GRTgaz to test the economic interest of a hydrogen transport infrastructure in the Haut-Rhin and Bas-Rhin departments, the hydrogen transport network infrastructure proposed by GRTgaz would connect:

1. In the 1<sup>st</sup> section the Fessenheim area with the Chalampé-Ottmarsheim area and the town of Mulhouse
2. In the 2<sup>nd</sup> section Ottmarsheim with Basel airport (town of Saint-Louis)
3. In the 3<sup>rd</sup> section Fessenheim with Marckolsheim
4. In the 4<sup>th</sup> section Fessenheim with the region of Baden-Württemberg, near Fessenheim where the RHYn project will connect to the RHYn Interco project of terranets bw, a transmission system operator in Baden-Württemberg, and badenovaNETZE, a distribution system operator in the same region, to form a hydrogen hub in the cross-border Upper Rhine region.

This network proposal, shown on the map at the end of this document, is indicative at this stage. It gives an idea of the most likely network that could be implemented and a visual indication of the areas suitable for connecting hydrogen production and consumption sites.

Depending on feedback from market players during the Open Season's expression of interest phase, adaptations to this route may be considered. It is therefore entirely possible to respond to this Open Season with a project that is not directly located on the pre-identified route.

In all cases, GRTgaz will assess the technical aspects, environmental constraints and economic profitability of connecting the injection or consumption project proposed by the market player and reserves the right not to include it in the feasibility study provided for under Open Season if it appears that the conditions for pursuing such a project are not met.

The more detailed technical aspects of the infrastructure (sizing of pipelines, description of supply and delivery stations, operating conditions, etc.) will be specified at a later date, once the technical studies have been completed, which will enable us to define the optimum solution for the transmission needs expressed by all the market players who responded to the Open Season.



RHYN project map