

SAY HY TO THE FUTURE





HY4Link - Building an integrated cross-border hydrogen infrastructure to accelerate the decarbonization of the Greater Region.








This visionary initiative will link the **4 countries** of the Greater Region, forming a central part of a European-wide hydrogen network:

- **Belgium**
- **Luxembourg**
- The Grand Est region in **France**
- The federal state of Saarland in **Germany**

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PROJECT MAP - PARTS

-  European H₂ Infrastructure
-  HY4Link Transit H₂ Infrastructure
-  HY4Link Local H₂ Infrastructure
-  HY4Link H₂ Infrastructure prolongation
-  mosaHYc
-  Part 1
-  Part 2



HY4Link is strategically designed to connect hydrogen demand clusters for industry and transport in France, Germany, and Luxembourg with hydrogen supply centers along the North Sea coast and import hubs in Antwerp, Zeebrugge, Rotterdam, and Dunkirk. Moreover, the project will foster decentralized green hydrogen production across the Greater Region by providing the necessary hydrogen transport infrastructure.

PART 1: Creos Luxembourg and GRTgaz will collaborate to develop an interconnected network running from Bouzonville in France to Frisange in the south of Luxembourg via Thionville, connecting to the mosaHYc project. The cross-border connection France-Luxembourg presents the starting point for hydrogen infrastructure in the south of Luxembourg.

PART 2: A pipeline will be laid in cooperation between Creos and Fluxys hydrogen to connect Luxembourg to the Belgian Hydrogen Backbone via the border crossing point Bras (BE). This will be complemented by the construction of a hydrogen pipeline across Luxembourg to France and Germany.





1. DECARBONIZATION OF LUXEMBOURG AND THE GREATER REGION

HY4Link plays a pivotal role for the decarbonization efforts in Luxembourg and the Greater Region by enabling various sectors e.g. industry, transport and sector coupling, to switch from fossils to clean hydrogen. As such, the project facilitates the region's decarbonization efforts at large.

2. BOOSTING SUSTAINABLE DEVELOPMENT AND GROWTH

An important pillar of the energy transition is the creation of sustainable development and growth. HY4Link will contribute to these objectives by boosting sustainable job opportunities and investments that contribute to the long-term prosperity of the entire Greater Region.

3. STRENGTHENING THE GREATER REGION

Via its cross-border interconnections between Belgium, Germany, France, and Luxembourg HY4Link markedly advances further integration of the Greater Region. For instance, HY4Link's pipeline system will directly connect market players such as green hydrogen producers with hydrogen consumers across the region.

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THE PARTNERS

