

## H2Bordeaux Project



Cofinancé par le mécanisme pour l'interconnexion en Europe de l'Union européenne

Press release  
08/09/2020

### Storengy, the Port of Bordeaux and NEXEYA Supported by the European Commission to Develop the Hydrogen Sector in the Bordeaux Region

The project aiming to develop the hydrogen sector at the port of Bordeaux, backed by **Storengy**, **Grand Port Maritime de Bordeaux** and **NEXEYA**, is moving ahead. After the signature of an agreement protocol in January, the initiative H2Bordeaux has won a call for proposals to co-finance the first studies about the use of hydrogen in the port, within the framework of the European CEF programme (Connecting Europe Facility), which is piloted by the European agency Inea (in charge of the EU's programmes in the fields of transport, energy and telecommunications).



Kick-off meeting for the H2Bordeaux project on 27 August 2020 - picture credit: GPMB

Left to right: standing – Ludovic OLLIVIER (NEXEYA), Michel LE VAN KIEM and Jean-Frédéric LAURENT (GPMB)

Seated: Ons MKHININI (Storengy), Loïc CARRE (NEXEYA), Thibault GUILLON (GPMB), Maxime OLIVON (NEXEYA), Oscar Hurtadomaiz (NEXEYA)

The project about the use of hydrogen in the Bordeaux area has been selected by the European Commission among 262 other files submitted thanks to its innovative features and promotion of a worldwide circular economy. This support is reflected by the EU's funding of 50% of the overall costs of the studies, which amount to 750 k€.

This new stage supports the ambitions of the partnership forged with Nouryon, an industrial company producing sodium chlorate through brine electrolysis from salt imported through the port of Bordeaux, thus generating large quantities of hydrogen. The use of these 3,000 tons of hydrogen produced will accelerate the “greening” of the economy and mobility while structuring a major hydrogen sector in the Nouvelle-Aquitaine region.

The studies led as of September 2020 aim to:

- get to know the potential of hydrogen consumption in the port of Bordeaux for mobility (land or river) or stationary applications;
- support the development of the hydrogen sector and solution suppliers;
- create a reference project which may be used to duplicate similar projects to other port areas;
- bring forward the conversion and manufacturing of hydrogen vehicles.

This project falls within the hydrogen strategy of the recovery plan announced by the French government on 8 September 2020, which aims to decarbonise the industry and mobility. Beyond Nouvelle-Aquitaine, it will contribute to the creation of a hydrogen sector in France and Europe.

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### A closer look at hydrogen:

Hydrogen is mainly an energy source produced from natural gas or through water electrolysis ("green" hydrogen produced from a carbon-free energy source) It is primarily used by the industry (chemical or refineries), for electricity storage and road, rail and fluvio-maritime transport.

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#### About Storengy

Storengy, an ENGIE subsidiary, is one of the world leaders in underground natural gas storage. Drawing on 60 years of experience, Storengy designs, develops and operates storage facilities and offers its customers innovative products.

The company owns 21 natural gas storage sites with a total capacity of 12.2 bn m<sup>3</sup> in France, Germany and the United Kingdom. Storengy is positioned today as a key player in the development of geothermal energy (heat/cold production and power generation), as well as innovative production and storage solutions for carbon-free energy (biomethane, hydrogen...).

In the hydrogen sector, Storengy is a member of the AFHYPAC and of Hydrogen Europe.

[www.storengy.com](http://www.storengy.com)

#### About the Port of Bordeaux

Ideally positioned at the Atlantic coast, the port of Bordeaux handles various goods and passengers: heavy goods, containers, energy and food products, cruise passengers, etc. Its 7 terminals are located along the Gironde estuary (Le Verdon, Pauillac, Blaye, Ambès, Grattequina, Bassens et Bordeaux – Port de la Lune) and make the port of Bordeaux an efficient and versatile tool at the service of the economy of south-western France and its large hinterland.

It confirms its part as "innovation territory" at the service of territorial, national and European strategies, and relies on digitalisation ([VIGIEsijp](#) and [GIRONDE XL 3D](#)) and a vision integrating biodiversity and the energy transition ([PÉEPOS](#)).

The port of Bordeaux is also an excellent player in the field of maritime maintenance and repair, and a major player in the circular economy through thousands of tons of second life material re-injected into industrial processes.

The activity of the port of Bordeaux is at the origin of more than 4,900 direct jobs in about 200 establishments.

[www.bordeaux-port.fr](http://www.bordeaux-port.fr)

#### About NEXEYA

NEXEYA, a subsidiary of the HENSOLDT group, is a French industrial company with 700 collaborators and a turn-over of 120 million euros. NEXEYA designs, manufactures and maintains complex electronic systems for the defence, aeronautics, transport and energy sector.

NEXEYA develops hydrogen solutions for isolated and sensitive sites, microgrids and eco-districts, as well as for port ecosystems.

In the hydrogen sector, NEXEYA is a member of the AFHYPAC, ADEME, Pôle Mer Atlantique and ADI Nouvelle-Aquitaine.

[www.nexeya.com](http://www.nexeya.com)