

GH₂ and Bordeaux Port sign an agreement for one of the largest renewable hydrogen project in the European Union



From left to right: Aurélie Giraud-Barbe (GPMB), Jean-Frédéric Laurent (GPMB), Michel Le Van Kiem (GPMB), Philippe Dorthe (GPMB), Franck Chessé (GH₂), Thierry Robustelly (GH₂).

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GH₂, developer of renewable hydrogen projects in Europe, North Africa and Latin America, and Bordeaux Port announce the signing of an agreement for the establishment of the largest production and conversion of renewable hydrogen in the Nouvelle Aquitaine region in France.

Resulting from three years of conceptualisation and structuring, the GH₂ project is strategically located in the port area near Bordeaux, in the heart of the industrial platform dedicated to chemicals and hydrocarbons, in the town of Ambès, alongside the Garonne river.

The GH₂ project aims to produce up to 14,000 tonnes of renewable hydrogen per year and will avoid up to 130,000 tonnes of greenhouse gas emissions annually. Innovative in terms of technology, size and structure, the project benefits from strong support from its various local, national and European partners.

Integrating from its conception an electrochemical plant for the production of hydrogen and ammonia, as well as a plant for the production of renewable electricity from photovoltaic origin, the GH2 project in Ambès symbolizes the emergence of a national and European hydrogen sector at scale, and concretely contributes to the energy transition.

With a total electrolysis capacity of 100MW, the GH2 project in Ambès is one of the largest projects of this type in France and in Europe, and fits perfectly into the dynamics launched by the French government through its Recovery Plan, and by the European Union with the Innovation Fund and the Green Deal.

In this respect, this GH2 project near Bordeaux is complementary to other local initiatives, in particular those related to the circular economy and hydrogen carried by the Bordeaux Port and its partners.

About GH2 - *With a growing pipeline of projects, GH2 has been developing and structuring in the last 4 years, renewable energy assets and electrochemical facilities for the production, use and recovery of renewable hydrogen. The GH2 portfolio consists of several renewable and low-carbon hydrogen projects ranging from 10 to 100 MW located in Europe, North Africa and Latin America. Thanks to a progressive and scalable approach, GH2 intends to develop more than 1 GW of projects by 2025 over three continents. For more information, www.gh2.eu*

About Bordeaux Port - *Ideally positioned on the French Atlantic coast, the port of Bordeaux handles a wide variety of goods flows: heavy cargoes, containers, energy bulk, agro-food bulk, and passengers. Bordeaux Port with its 7 maritime terminals, along the Gironde estuary (Le Verdon, Pauillac, Blaye, Ambès, Grattequina, Bassens and Bordeaux - Port de la Lune) is in close connection with the economy of a large hinterland covering the South-West of France and beyond. Bordeaux Port is a “catalyst for innovation”, illustrated by its advance in the digital sector (VIGIEsip and GIRONDE XL 3D) and through a vision that fully integrates the challenges of biodiversity and energy transition (PÉÉPOS and H2 Bordeaux). Bordeaux Port is also a centre of excellence in shipping maintenance and a major player in the circular economy. Bordeaux Port industrial area represents more than 8,100 direct jobs and 275 companies. For more information: www.bordeaux-port.fr*

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