

Lhyfe



## Construction started on Lhyfe's third green and renewable hydrogen production site, in partnership with AREC Occitanie

The Lhyfe Occitanie project, previously known as Val d'Hygo, was selected by the Region of Occitanie under the Occitanie H2 Corridor project in 2021.

Nantes (France), 19 April 2023 –7:15 am – **Lhyfe (EURONEXT: LHYFE)**, one of the world's pioneers in the production of green and renewable hydrogen and AREC Occitanie – the regional agency for energy and climate – have announced that construction is starting on the Lhyfe Occitanie production facility, in Bessières (Haute-Garonne). The plant, which should be operational by the end of 2023, is one of the levers of the Occitanie Region for achieving the goals of its Occitanie H2 Corridor project aimed at decarbonising goods and passenger transport.



[Projections of the Lhyfe Occitanie site. HD images available to download in the press kit](#)

*“As of late 2023, we will be producing a clean fuel, in Bessières, for all Occitanie.”*

Following two first sites in Pays de la Loire (Bouin, Vendée) and in Brittany (Buléon, Morbihan), Lhyfe's third production site will be in Occitanie.

The Lhyfe Occitanie site is funded 80% by Lhyfe and 20% by AREC Occitanie.

The plant will be located in the Triangle business park in Bessières, 40 kilometres from Toulouse, on approximately 8,000 sq. metres of land.

The construction works have just commenced and commissioning is due in December 2023.

The Lhyfe Occitanie site will have the capacity to produce two tonnes of green and renewable hydrogen a day (equivalent to a generating capacity of 5 MW), with the possibility to ramp up production to meet growth in hydrogen uses and needs in the region.

This project was selected in late 2021 by the Occitanie Region as part of the Occitanie H2 Corridor scheme. The financing agreement for the project was signed with the Occitanie Region in November 2022. Occitanie is providing €5.9 million to support the site's creation, including €4.1 million as a repayable advance and €1.89 million in grants.

## Decarbonising goods and passenger transport, as well as industry, regionwide

The Occitanie H2 Corridor is part of the North–South European hydrogen corridor project, which aims to decarbonise goods and passenger transport on an axis running between the Mediterranean and the North Sea.

In accordance with the aims of the Occitanie H2 Corridor project led by the Region of Occitanie, this site will help to decarbonise these transport modes by supplying green and renewable hydrogen to trucks, coaches and other fuel cell vehicles, on the Albi–Toulouse route, in particular.

The aim of the Region for the Occitanie H2 Corridor is to have two renewable hydrogen production facilities by the end of 2024, representing a total of six tonnes of output a day to start, seven hydrogen fuel stations (delivering 600 to 1 200 kg a day), 40 hydrogen-powered trucks, 62 refrigerated trailers/units and 15 regional interurban buses retrofit to run on hydrogen.

Lhyfe Occitanie could also deliver the various refuelling stations that will be created in the region.

In addition, thanks to its scalable production capacity, this site will also meet the green and renewable hydrogen needs of industry (e.g. aeronautics, equipment manufacturing), transport/logistics providers and local authorities in the area wishing to decarbonise their mobility and/or processes.

Lhyfe Occitanie promotes a short supply chain logic with energy produced and consumed locally, and can deliver its hydrogen within a radius of 200 kilometres.

**Carole Delga, President, Region of Occitanie:** *“Making green hydrogen one of the energies of the future in Occitanie, is the choice we made in 2019 in adopting a dedicated plan. Today, one of the biggest challenges of energy transition is heavy mobility. That is why the Region has initiated the Occitanie H2 Corridor project, integrating industry and mobility on a European level. I am proud that this project is being developed here in Occitanie and that Lhyfe is contributing to decarbonisation at the heart of our communities.”*

**Cédric Maurel, Mayor of Bessières:** *“We are proud to be welcoming one of the first green and renewable hydrogen production sites in Occitanie and to be taking part in the energy transition of our region. This project shows that there are solutions to drastically cut our CO2 emissions. We are going to monitor the works closely so that the region’s users can switch to renewable hydrogen from the end of this year!”*

**Christian Assaf, President, AREC:** *“Occitanie has a head start on hydrogen. We know it and want to drive this potential by involving all communities and local enterprises in the regional dynamic. That is what we are doing today with Lhyfe which will help to confirm our position as a leader in renewable hydrogen and accelerate the decarbonisation of heavy mobility.”*

**Maud Augeai, Head of Territorial Development France at Lhyfe:** *“Lhyfe Occitanie will be our first achievement in the South of France. We are fully focused on its realisation in order to deliver the first kilos of green and renewable hydrogen from the end of 2023, and enable the transportation of tonnes of goods and thousands of people in the region without emitting CO2. As our plant is modular and scalable, it will adapt to the growth in uses in the coming months and years. Maxime Bourdillat, our Head of Development for South West France, now has an ear to the ground to identify mobility and industry market needs.”*

For an interview with the spokespersons above, please contact the press department.

[Click to access the Lhyfe Media Kit \(press kit and visuals\)](#)

### **About Lhyfe**

Lhyfe is a European group devoted to energy transition, and a producer and supplier of green and renewable hydrogen. Its production sites and portfolio of projects intend to provide access to green and renewable hydrogen in industrial quantities, and enable the creation of a virtuous energy model capable of decarbonising entire sectors of industry and transport.

In 2021, Lhyfe inaugurated the first industrial-scale green hydrogen production plant in the world to be interconnected with a wind farm. In 2022, Lhyfe inaugurated the first offshore green hydrogen production pilot platform in the world.

Lhyfe is represented in 11 European countries and had 149 staff at the end of 2022. The company is listed on the Euronext market in Paris (ISIN: FR0014009YQ1 – LHYFE). [Lhyfe.com](https://www.lhyfe.com)

### **About AREC Occitanie**

The Regional Energy & Climate Agency (AREC) develops solutions to encourage communities and businesses in Occitanie to take action and make Occitanie the first positive energy region by 2050. The agency is a tool for the Occitanie Region to support the implementation of public policy and region-wide projects aimed at building active resilience to climate change. One of its responsibilities is the Regional Climate and Energy Observatory in Occitanie, which is tracking the Positive Energy Region trajectory. It also supports Rénov'Occitanie, the public department for energy renovation. Through its expertise and its engineering and investment capacities, AREC assists the various regional stakeholders and project owners, from the idea stage to the realisation of their project. [www.arec-occitanie.fr](https://www.arec-occitanie.fr)

### **About the Region of Occitanie and the Occitanie H2 Corridor**

The Occitanie Region is the first French region engaged in decarbonising heavy mobility.

Under its Green Hydrogen Plan, the Occitanie Region has launched the H2 Corridor project with support from the European Investment Bank (for a total of €40 million) and the European Commission (for a total of €14.6 million). Representing an overall investment budget of €110 million, the aim is to bring about a switch from fossil fuels to renewable hydrogen for EU goods transport, in particular goods transiting through Europe on the North–South axis of the Trans-European Transport Network (TEN-T) linking the North Sea to the Mediterranean Sea.

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