



**Interreg  
North Sea**



Co-funded by  
the European Union

**LIHYP**



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## LIHYP - Newsletter July 2024



### About LIHYP

LIHYP brings hydrogen demand-supply and stakeholders together and raises potential for future aligned collaboration. The project initiates opportunities to accelerate market introduction of hydrogen applications, leading to regional hydrogen value chains connected in the North Sea Region.

[Read more](#)

[Visit the LIHYP Website!](#)

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## Project News



## **LIHYP Partner Meeting in Ghent in June 2024**

On June 10 and 11, the LIHYP project partners met again for their regular project meeting. This time they came together in Ghent, Belgium, to discuss the current status and further plans for the project and to set sail for the future.

[Read more](#)



## **Presenting LIHYP on Green Hydrogen Summit 2024**

Our partner Aconium presented the LIHYP project at the Green Hydrogen Summit 2024 in Madrid. The local contact persons met with European players from the hydrogen sector and presented the EU-funded LIHYP project.

[Read more](#)

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# **Meet our Partners!**



## **Aconium**

Aconium is promoting sustainable transport and energy efficiency in the project. Within LIHYP, aconium fosters the regional development of an H2 network, drawing on a present mesh of business and public actors. By this we support capacity building for LIHYP, contribute to sustainable project success and promote the projects results.

[Read more](#)



## **Bentheimer Eisenbahn**

Bentheimer Eisenbahn AG will conduct a feasibility study on how a previously diesel-powered freight train can be replaced by a hydrogen-powered freight train. The focus will be on a route in the border regions of Grafschaft Bentheim and Drenthe. Part of this feasibility study will be an economic and a technical study.

[Read more](#)



## Bremer Mineralölhandel

We will be instrumental in shaping the pilot in Oldenburg. The design of a new mobility concept for the inner-city area will test the implementation of a delivery concept using cargo bikes. The use of green hydrogen for this application will be tested with a fuel cell cargo bike.

[Read more](#)



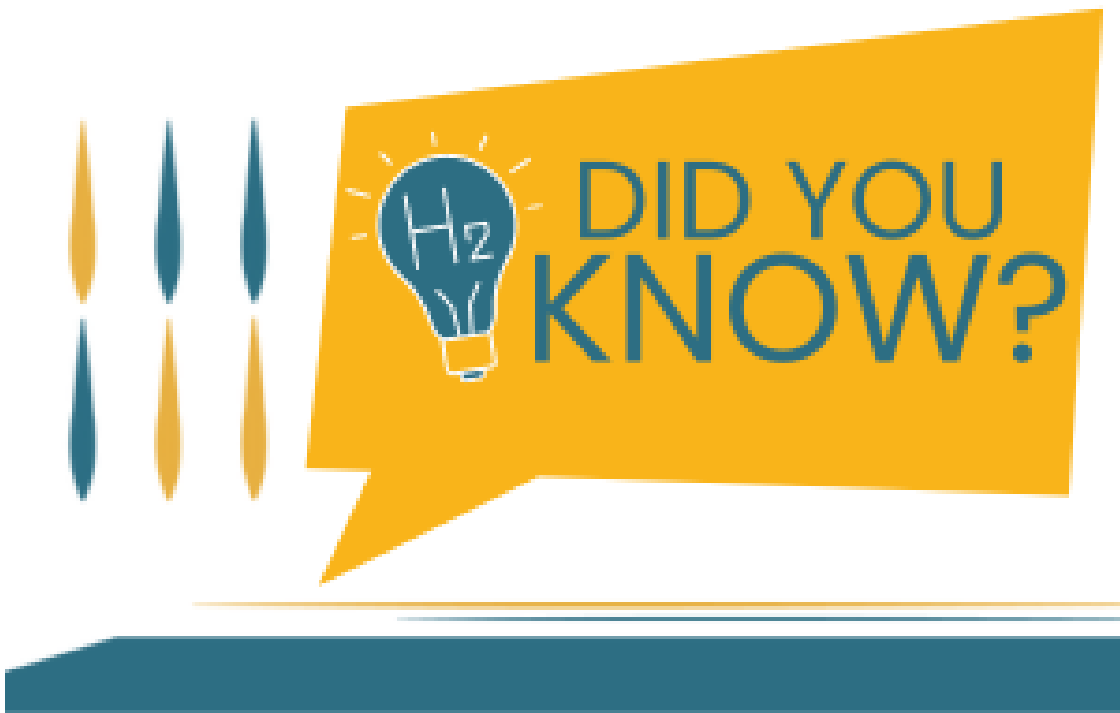
## CIRCOÉ

CIRCOÉ is the leader of the French pilot. We will draft a feasibility study covering the regional hydrogen chain from producer to end-user involving key stakeholders and clusters such as Logistique Seine Normandy (LSN) based in Normandy.

[Read more](#)

[Partner Overview](#)

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## Did you know?

***Total demand for hydrogen in 2022 has been estimated at 8.2 Mt. The biggest share of hydrogen demand comes from refineries, which were responsible for 57% of total hydrogen use (~4.6 Mt), followed by the ammonia industry with 24% (~2.0 Mt).***

### **Need for green hydrogen**

96% of this hydrogen was produced with natural gas, resulting in significant amounts of CO<sub>2</sub> emissions. The priority for the EU is to develop renewable hydrogen (green hydrogen) and it aims to produce 10 million tonnes and import 10 million tonnes by 2030.

### **Get data about European hydrogen sector**

The European Hydrogen Observatory (former Fuel Cells & Hydrogen Observatory) is an open platform providing data and up-to-date information about the European hydrogen sector. [Read more](#)



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