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# LIHYP - Newsletter April 2025


## What is going on in our LIHYP Pilot Regions?

Our partners in the LIHYP region between France and Denmark are working on various pilot projects - from hydrogen-powered buses, trains and airports to regional roadmaps. Today you get a little exclusive insight into our French pilot, because **our first info video** is now online!

**Read more**

# Project News

## HCBC - Hydrogen in DE-NL

On March 13th the Hydrogen Cross Border Conference (HCBC) took place in the Netherlands. Dutch and german hydrogen partners came together.

**Read more**

## Partner Meeting in December

On 3rd and 4th December, the LIHYP project partners came together for the fourth project meeting in Nordhorn and Lingen.

**Read more**


## European Hydrogen Week

Our LIHYP partners H2-Region Emsland and Deutsches Zentrum für Luft-und Raumfahrt e.V. presenting the LIHYP spirit at European Hydrogen Week in Brussels!

**Read more**

## Interreg Workshop in Billund

In October projects from the Interreg North Sea Programme gathered at the LEGO Hotel in Billund for a two-day Build Up event. A key focus was to enhance collaboration and capitalisation on innovative projects that tackle pressing regional challenges.

**Read more**

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# Meet our Partners!


## Circoe

Our french Partner Consulting and Innovations in Logistics, short CIRCOÉ, is the leader of the french pilot who deals with the regional hydrogen chain from producer to end-user.

**Read more**


## IDIT

Our partner IDIT - Institute of International Law for Transport and Logistic is involved in identifying and analysing existing policies and proposing regulatory recommendations to facilitate the development of the hydrogen market in the North Sea region.

**Read more**


## Region Normandy

The Normandy Regional Council will share its experience with its hydrogen retrofitted coach operating on its routes in the LIHYP project.

**Read more**


## Transdev

Our partner Transdev will realise a Life Cycle Analysis of the H2 retrofitted coach in the french pilot and the Region Normandy.

**Read more**

**Partner Overview**

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# Insight LIHYP Work Packages

## Work Package 1: Hydrogen NSR Platform

Pioneering Hydrogen Collaboration
Establishing and implementing the NSR Hydrogen Triple Helix Platform – a dynamic marketplace for 2,000 associates: This platform serves as a hub for contact, information sharing, and collaborative planning, supporting members in informed decision-making for hydrogen applications.

This is the focus of Work Package 1 of the Interreg North Sea Programme Project LIHYP - Linking Hydrogen Power Potentials.

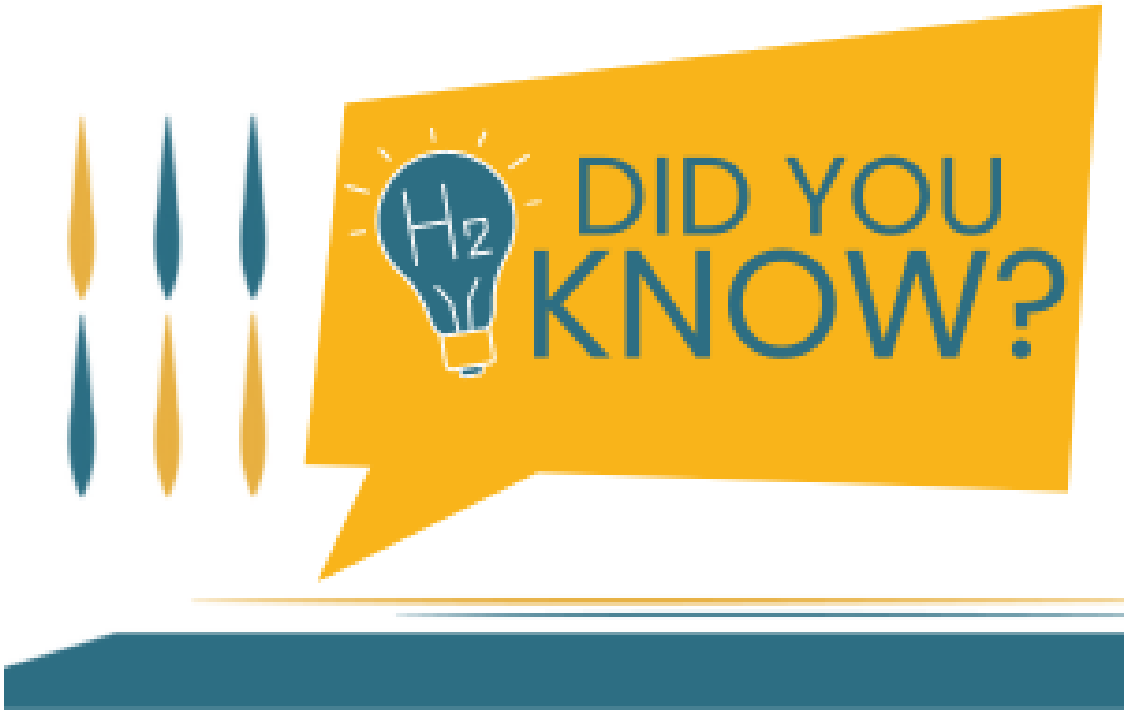
In two internal project meetings, the responsible project partner H2-Region Emsland showed a click dummy with possible functions of the platform. Possible use cases were also discussed. One of the aims was to determine the needs of the six ongoing pilot projects, which can then be incorporated into the further development of the platform.
In a next step, external experts from the project region will be involved in the further development.


***You can find more information here: [LIHYP Work Packages]***

***Contact and involvement : [platform@lihyp.eu]***

## Did you know?

***In addition to renewable energy sources at best, the production of hydrogen primarily requires water. But how much water is used in hydrogen production?***




### Water need for green hydrogen

A frequent criticism of green hydrogen is its water consumption. Especially in areas where the availability of water is already reaching critical limits. But how high is the consumption? Here is an interesting comparison that illustrates the dimensions of the discussion. While 1kg of green hydrogen requires around 9 litres of water, 1kg of beef requires 15,000 litres of water! This shows us that the discussion is primarily a political one.

### Utilise seawater for hydrogen production

In the long term, the European Union will be dependent on hydrogen imports from abroad, as it is unlikely to be able to meet the high demand with its own production. In order to minimise water stress in potential producer countries with high potential due to the availability of renewable sources, such as Africa, projects such as H2MEER are working on the development of cost-effective and efficient electrolysers for the production of green hydrogen directly from seawater or saline water. **Read more**

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**Visit the LIHYP Website!**



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