



EDITORIAL

ALL HANDS ON DECK AT H2SHIPS

Dear readers,

As the H2SHIPS project is entering the final stretch of its duration, all partners are eager to finish with strong wind in our sails and deliver the best results once we cross the finish line.

For this reason, we have been given an additional 6 months: to get as far as possible in the pilot ports, finish reports and transferability studies and talk to other ports in north-western Europe about their interest in applying hydrogen solutions to their port infrastructure.

In this newsletter you will find the latests news from the project: the launch of the public tender for the construction of the ship in Amsterdam, the start of the design studies for the refueling station in Ostend and the publication of several reports in line with the development of French action plan in Paris. Watch out for our future events.

We wish you a good sailing!
The H2SHIPS consortium

OVERVIEW

1. PROJECT EXTENSION

2. PROGRESS REPORT, INCLUDING NEWS ON THE PILOTS, PUBLIC REPORTS AND MORE

3. EVENTS

6 MONTHS EXTENSION GRANTED

„We want to make sure that by the end of our project, as much knowledge and expertise as possible has been gathered and shared to achieve our common goal of cleaning up short-sea and inland shipping. That's why we have requested a project extension until mid-2023 .“

H2SHIPS Project Manager
 Christian-Frédéric Berthon,
 EIFER



PROGRESS REPORT

PROGRESS ON THE H2SHIPS PILOT IN AMSTERDAM

NEXT STOP: CONSTRUCTION

Over the last two years, our project partners in the Netherlands have been perfecting the design and construction plan for the new representative vessel that will sail around the port of Amsterdam, the city centre, and up the North Sea Canal. At the beginning of 2022, a detailed brochure of the new boat, which has been dubbed HS Neo Orbis, was published. Find the brochure, in Dutch and English, [here](#).

In February 2022, our partner Port of Amsterdam launched the public tender for the construction of the boat, which accepted offers until early April. The next steps include reviewing the bids and announcing a winner in early May. With the current timeline, we expect construction to take about 6 months and a maiden voyage in early summer 2023.



Design of HS Neo Orbis © Port of Amsterdam

NEW SCHEDULE FOR THE H2SHIPS PILOT IN OSTEND

DESIGN STUDIES TO BE COMPLETED BY JUNE 2022

The refuelling station to be built in Ostend is the missing link needed to fill the gap between offshore wind production used to produce green hydrogen and the vessels powered by carbon neutral fuel required for maintenance of the wind farms. Our partner Port of Ostend oversees the construction of the refueling station and the H2SHIPS project supports this investment by providing the electric infrastructure and safety equipment necessary for its operation, while the Interreg 2 Seas project ISHY will deliver the core elements of the bunkering station.

This investment project consists of two main activities: first, the design studies to be finalised by June 2022 will be carried out, and in the second phase, the refueling station will be erected. The commissioning of the station is expected to occur in February 2023.

ACTION PLAN FOR A PILOT IN PARIS

PUBLICATION OF SEVERAL REPORTS ON OUR WEBPAGE

A dedicated H2SHIPS activity focusses on the development of an action plan for the future implementation of a fluvial demonstrator in Paris. The objectives are to identify sites for H2 production, to estimate future hydrogen demand, and, among other things, to clarify the regulatory aspects and fuelling issues. This activity, coordinated by our lead partner EIFER, benefits from the technical expertise of our French H2SHIPS partners HAROPA ports | Paris, SYCTOM, and Hynamics. Regular workshops gathering stakeholders from the French hydrogen and inland waterway sectors are held to discuss results and to see how to turn the detailed studies into successful real life projects. A public webinar will soon be organised to share the final results with a wide audience. Please find below some first results, more reports are available on our webpage in the [download section](#).

- [Study on the suitability of hydrogen as a fuel for the waterborne transport of household waste](#)
- [Report on the existing regulatory framework in France on hydrogen for inland shipping](#)



EVENTS

LOOKING BACK - OCTOBER 2021

H2SHIPS SEMINAR IN PARIS

The H2SHIPS project organised a seminar on hydrogen solutions for inland and short sea shipping on October 29th in Paris.

This event, jointly organised by HAROPA Ports | Paris, Hynamics and EIFER gathered about 50 participants provided learnings from ongoing EU hydrogen projects. The event was followed by a lunch cruise on the Seine, a unique opportunity to network and discuss more in depth the broad topic of hydrogen for inland and short-sea applications. Read more [here](#).



Participants listening to a presentation © HAROPA Ports | Paris

COMING SOON - SUMMER 2022

H2SHIPS SEMINAR IN BRUSSELS

Our next seminar will be held in early summer 2022 in Brussels, Belgium and will focus on the development of hydrogen ecosystems within and around ports. The event will feature keynote speakers of hydrogen associations active in NWE, a workshop session and lessons learned from other H2 projects.

More info to follow [here](#).

EVENT CALENDAR

- **5th International Workshop On Degradation Issues of Fuel Cells and Electrolysers**, 3-4 May, Corfu, GR
- **World Hydrogen 2022 Summit & Exhibition**, 9-11 May, Rotterdam, NL
- **HyVolution 2022**, 11-12 May, Paris, FR
- **Hannover Messe, Hydrogen + Fuel Cells Europe**, 30 May-2 June, Hannover Fair, DE
- **Hydrogen Week South 2022**, 25 June-3 July, DE
- **Hydrogen Europe Summer Market**, 29 July, Brussels, BE
- **Joint European Summer School 2022**, 11-24 September, Birmingham, UK