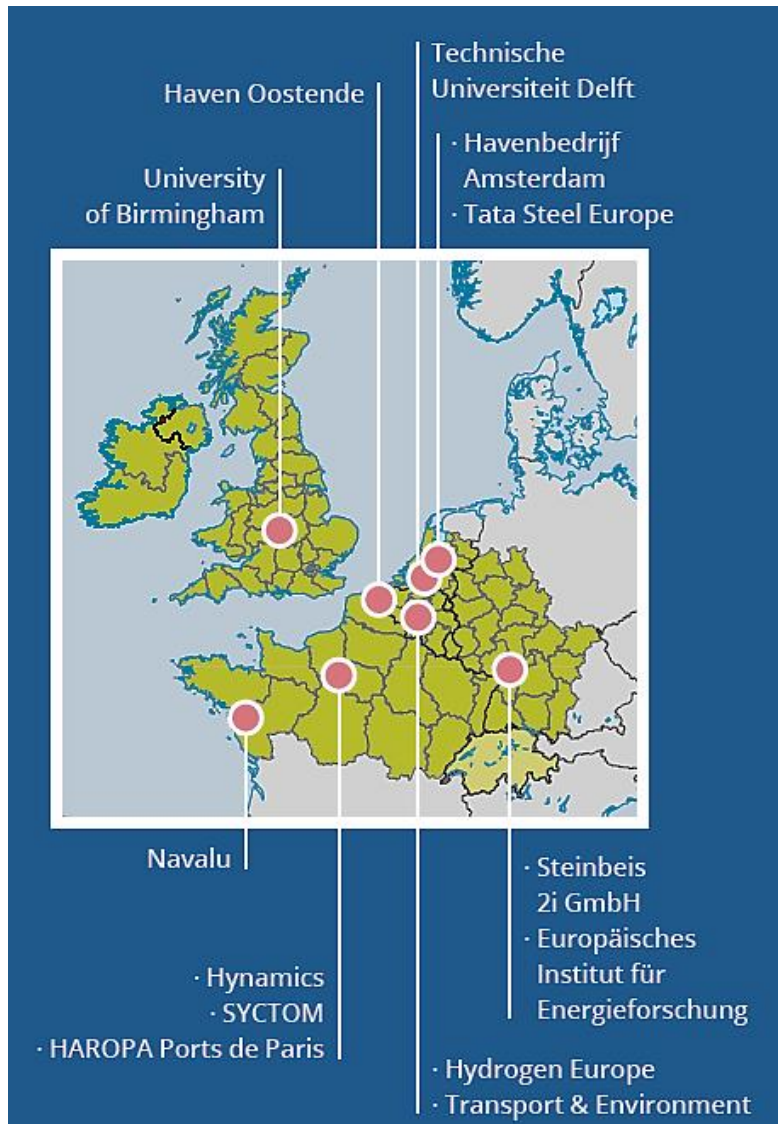


Christian-Frédéric Berthon

*Project Coordinator
EIFER, Karlsruhe, Germany*

The H2SHIPS project in a nutshell

Who are we?



Interreg 
 North-West Europe
H2SHIPS
 European Regional Development Fund



What is H2SHIPS about?

Helping H2 become a widespread solution for shipping in NWE



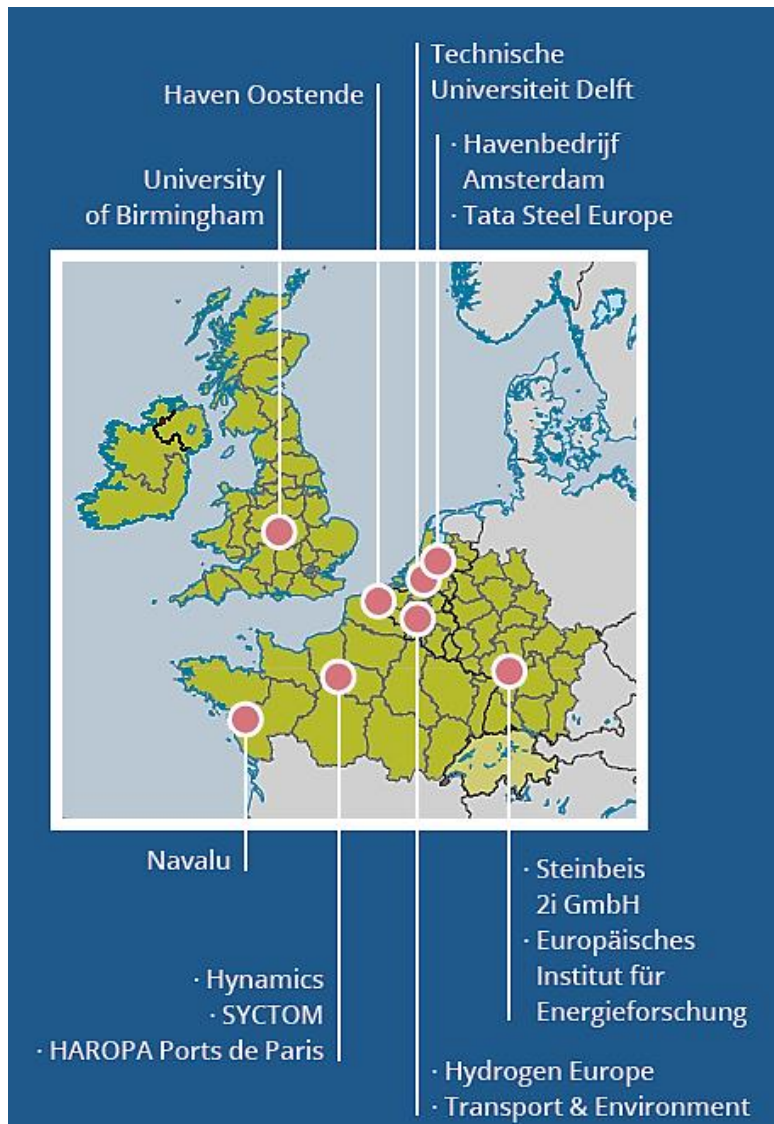
- Territorial Cooperation programme: Interreg NWE
- 6,3 M€ budget (3,5 M€ ERDF funding)
- 4 years (01/2019 – 01/2023)

Who are we?



+ 16 Associated Partners:

- AS Energy (F)
- Blue Line Logistics (BE)
- CDC (F)
- CEMEX (F)
- EMEC (UK)
- Issy-les-Moulineaux (F)
- Lafarge Holcim
- Secretariat CCNR (F)
- Navalu (F)
- Ville de Paris (F)
- PTC (NL)
- Region Pays de la Loire (F)
- VNF (F)
- VPTE Bateaux Parisiens (F)
- WaterstofNet (BE)
- De Vlaamse Waterweg NV (BE)



*3 ports ...
... 3 pilot sites*




What is H2SHIPS about?



- Develop favorable regulatory framework
 - Identify barriers, propose changes
- Help creating a market
 - Partnerships, network, investment strategy
- Determine appropriate technology
 - Pilots + sustainable local ecosystem

Intermediate results


Interreg 
 North-West Europe
H2SHIPS


System-Based Solutions for H2-Fuelled Water Transport in North-West Europe

Comparative report on alternative fuels for ship propulsion

Document Control Sheet	
Work package Number	WP T2
Work package Title	Defining requirements for the uptake of H2 propulsion in water transport in NWE
Activity Number	1
Activity Title	H2 market value chain analysis - Identification of the most appropriate business models
Deliverable Number	WP T2.3.2
Deliverable Title	Comparative report on alternative fuels for ship propulsion
Dissemination level	Public
Main author	Grzegorz Pawelec
Contributors	All Partners
Quality Assurance	Christian-Frédéric Berthon
Due Date	July 2020

Project co-funded by European Regional Development Funds (ERDF)
 Project website: <http://www.nweurope.eu/H2SHIPS>

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ANALYSIS OF THE EXISTING REGULATORY FRAMEWORK, IDENTIFICATION OF THE LIMITS AND ASSOCIATED PROPOSALS

Version of June 10th, 2021
 For HAROPA-Port

Assystem Group – Antea Group

Document Control Sheet	
Work package Number	WP_T2
Work package Title	Defining requirements for the uptake of H2 propulsion in water transport in NWE
Activity Number	T2.2
Activity Title	Analysis of the existing regulatory
Deliverable Number	T2.2.1
Deliverable Title	National regulatory reports on the current and foreseen situation in H2SHIPS pilot current and future implementation countries (FR)
Dissemination level	Public
Main author	Sandra LEON (Antea Group), Bich-Quan VERGELY (Antea Group)
Contributors	Estrella AYUB (Antea Group)
Quality Assurance	Bich-Quan VERGELY (Antea Group), Morgan VAN HONACKER (HARC)
Due Date	10 Jul

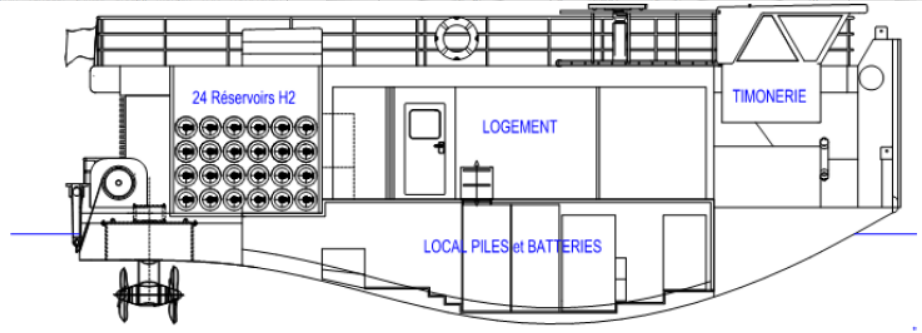
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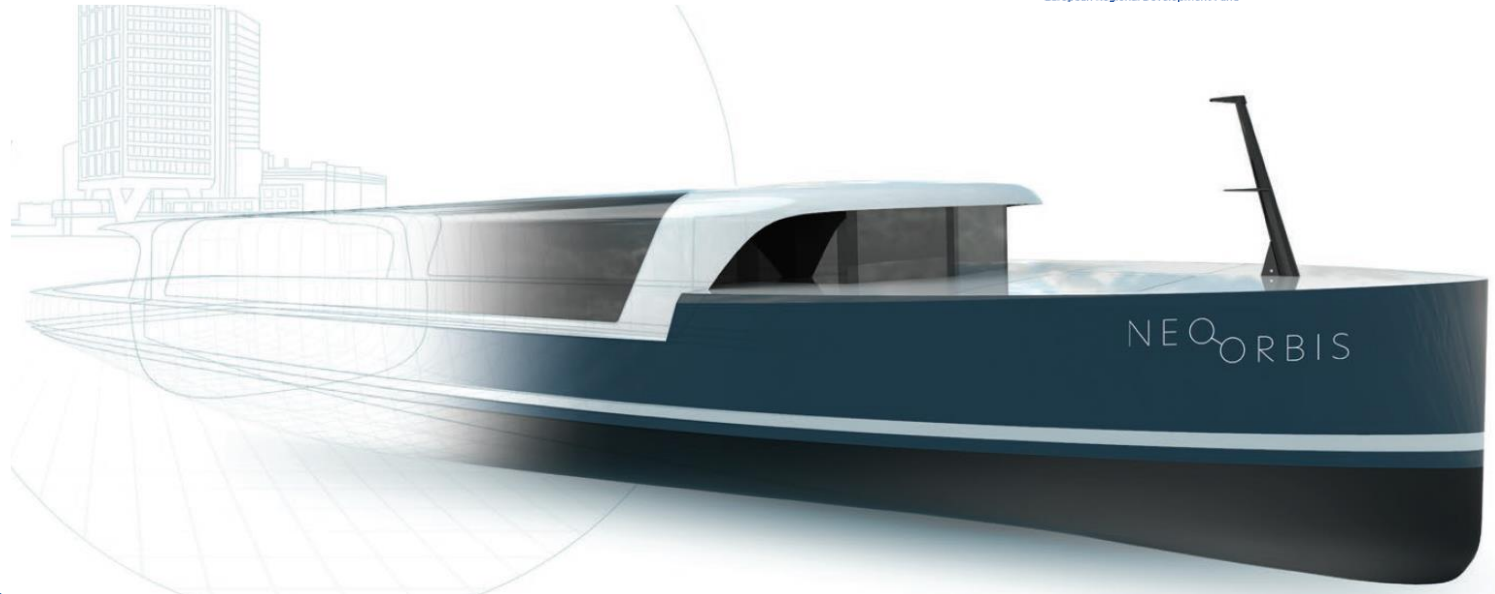
System-Based Solutions for H2-Fuelled Water Transport in North-West Europe

Deliverable: Study on the suitability of hydrogen as a fuel for the waterborne transport of household waste

Document information	
Work Package number	WP2
Activity number	Definition requirements for uptake of H2 propulsion in water transport in NWE
Activity title	4
Deliverable	Development of implementation



Amsterdam



- Included in H2SHIPS:
 - Energy system and propulsion
 - Innovative H2 storage system (Sodium Borohydride)

Interreg



EUROPEAN UNION

North-West Europe

H2SHIPS

European Regional Development Fund

Thank you!