

Workshop Series: Fuel Cell Systems
13th Workshop 2021

**Progress in maritime and port fuel cell
systems, and hydrogen applications**

17-18.05.2021 ZOOM CALL (not in Brugge)



UNIVERSITY OF
BIRMINGHAM

EERA: European Energy Research Alliance



Interreg
North-West Europe
H2SHIPS
European Regional Development Fund

Interreg
2 Seas Mers Zeeën
ISHY
European Regional Development Fund

A meeting conducted in cooperation with the projects:

H2SHIPS (Interreg VB NW E): <https://h2ships.org>

And

ISHY (Interreg VA 2 seas): <https://ishy.eu>

Registration : <https://www.birmingham.ac.uk/research/activity/chemical-engineering/energy-chemical/fuel-cells/news-events/bruges-fuel-cell-workshop.aspx>

And register yourself in the [university shop](#).

Participation fee: free of charge (£0)

Progress in Fuel Cell Systems

Hydrogen Fuels for shipping and Ports

NOT-IN-BRUGES, Belgium

17/18 May 2021

all times in CET (Summer time, GMT+2)

Monday 17 May 2021	
13.45- 14.00	Login and arrival
14.00-14.10	Introduction – <i>Robert Steinberger-Wilckens, University of Birmingham</i>
Fuel Cell Systems for Shipping	
14.10-14.40	Fuel cells in maritime applications – <i>Aristide Massardo, Thomas Lamberti, University of Genua</i>
14.40-15.10	The H2ships Amsterdam Fuel Cell Boat and TU Delft hydrogen shipping activities - <i>Klaas Visser, TU Delft</i>
15.10-15.40	Inland barges, VERA CRUZ – <i>Nico Bolleman, Bluehengineering, representing the ZEELAND GROUP</i>
15.40 – 15.50	<i>Short break</i>
15.50 – 16.20	Alternative fuels and bunkering for hydrogen shipping – <i>Robert Steinberger-Wilckens, University of Birmingham</i>
16.20-16.50	Construction of H2 Fuel cells – <i>Jan Bot, ZEPP Solutions BV</i>
16.50-17.20	SOFC for Seagoing vessels – <i>Keno Leites, thyssenkrupp Marine Systems</i>
17.30	Gather town – online meeting https://gather.town/ Café Brugge

	Tuesday 18 May 2021
8.45-9.00	Login and Arrival
9.00-9.10	Introduction – <i>Wim Stubbe, Port of Oostende</i>
Hydrogen and Renewable Fuels for Shipping	
9.10-9.40	The ISHY-project – <i>Wim Stubbe, Port of Oostende</i>
9.40 -10.10	Dual Fuel systems in offshore CTV's – <i>Frans Claeys, GEO AQUA</i>
10.10-10.40	Developing a H2 valley in a seaport: the case of the port of Amsterdam – <i>Jan Egbertsen, Port of Amsterdam</i>
10.40-10.50	<i>Short break</i>
10.50-11.20	The installation of an electrolyser and the production of H2 – <i>Sam Schotte, VIVES</i>
11.30-12.00	How can the Thames Estuary become a hydrogen highway? – <i>Port of London, Tanya Ferry (t.b.c.)</i>
12.00-12.20	Conclusions – <i>Christian-Frédéric Berthon, project leader H2 ships and Robert Steinberger-Wilckens, University of Birmingham</i>