

Breakout Session

SSD 2026
29 – 30 June 

Lucerne, Switzerland 

SUSTAINABLE SHIPPING DAYS

Electrolysers & Fuel Cells for waterborne transport



SB2

Parallel

Hydrogen as Cargo and Fuel in Maritime Sector: R&D&I Applications

LH2CRAFT & SAFeCRAFT Projects - EU-funded Horizon Europe projects

Monday 29 June 2026, 17:15 - 18:45 KKL Lucerne, Switzerland

LH2CRAFT & SAFeCRAFT

Project Highlights, Lessons Learned

Key Challenges for H2 applications in the waterborne sector.

Partners: HYDRUS Engineering S.A., RINA Services S.p.A., ABS Hellenic Single Member LLC, Bureau Veritas, TWI Ltd, University of Strathclyde, Technische Universität Dresden, National Technical University of Athens, HD Korea Shipbuilding & Offshore Engineering Co. Ltd., GABADI S.L., University of Patras, EASN Technology Innovation Services, Foundation WEGEMT, Actemium NDT Engineering & Services, Metacon S.A., MOTOR OIL, and SEANERGY.

Free Breakout Sessions: Register at www.SSDship.com/SBregistration



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SB2 Parallel Breakout Session

Hydrogen as Cargo and Fuel in Maritime Sector R&D&I Applications

Monday, 29 June 2026, 17:15 – 18:45, KKL Lucerne, Switzerland

LH2CRAFT & SAFeCRAFT Project Highlights, Lessons Learned Key Challenges for H₂ applications in the waterborne sector.

This breakout session will present key highlights and lessons learned from the EU-funded LH2CRAFT and SAFeCRAFT projects, focusing on hydrogen-based solutions for the waterborne sector. LH2CRAFT addresses safe and efficient liquid hydrogen storage and transportation, while SAFeCRAFT explores the safe use of sustainable alternative fuels in maritime applications. Together, the projects provide insights into technical, safety, regulatory and economic challenges for H₂ applications on board vessels. Participants will gain a concise overview of project outcomes, practical lessons learned and key barriers to the wider adoption of hydrogen-based fuels in shipping.



LH₂
CRAFT

SAFe
CRAFT

Organised by: **HYDRUS** ENGINEERING EXCELLENCE www.hydrus-eng.com

In conjunction with



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Sustainable
Shipping Days

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LH2CRAFT funding acknowledgement



Co-funded by
the European Union

UK participation in LH2CRAFT Project is funded by UK Research and Innovation (UKRI) under the UK government's Horizon Europe guarantee [grant numbers 10070575 and 10082044].

SAFeCRAFT funding acknowledgement



Co-funded by
the European Union

UK participation in SAFeCRAFT Project is funded by UK Research and Innovation (UKRI) under the UK government's Horizon Europe guarantee [grant number 10110519].

Breakout Session Program:

see also **SSD program**
www.SSDship.com/program

16.00	Registration & visit the SSD poster session
17.15	Introduction by Project Leaders
17.30	Project Highlights & Lessons Learned of LH2CRAFT Safe and Efficient Marine Transportation of Liquid Hydrogen Astrinos Papadakis Senior Innovation Hub Manager / HYDRUS Engineering S.A.
17.45	Project Highlights & Lessons Learned of SAFeCRAFT Safe and Efficient Use of Sustainable Fuels in Maritime Transport Application Konstantinos Sykaras Innovation Hub Project Manager - HYDRUS Engineering S.A
18.00	Pannel Discussion on Q&A Key Challenges for H ₂ applications in the waterborne sector <u>Moderator:</u> Astrinos Papadakis – HYDRUS Engineering S.A. <u>Panellists:</u> Kevin Koosup Yum – HD Hyundai Europe R&D Center, Jaap Gebraad – ZEWT TP, Genevos Representative (TBC), VTT Representative (TBC)
18.45	End of Breakout Session
19.45	SSD Sunset Dinner on the Lake

Who should join:

- OEMs of Fuel Cells, Electrolysers & Storage Systems
- Marine Fuel Suppliers
- Marine Genset Manufacturers
- Ship Yards, Ship Owners & Ship Operators
- Marine Safety & Classification Organisations
- Regulators, Consultants
- R&D specialists in the related fields

Registration

Free Breakout Session:

Register at www.SSDship.com/SBregistration
or message info@SSDship.com

Full SSD Conference (incl. Breakout Sessions):

Register at www.SSDship.com/REGISTRATION
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Breakout Session

Your contact

Organised by



Join Us at SSD 2026 in Lucerne

The SB breakout sessions are part of the wider SSD 2026 conference programme, bringing together leading experts, EU projects, industry partners, and maritime decarbonization stakeholders.

Explore the full programme, keynote lectures, networking events, and registration information in the SSD 2026 Final Announcement.

Final Announcement:

www.SSDship.com/FA

Registration:

www.SSDship.com/REGISTRATION

Website:

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