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RH2IWER

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Clean Hydrogen Partnership

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Federal Department of Economic Affairs, Education and Research EAER
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Series of free WEBINARS on

Innovations for Maritime & Stationary Use

W1*: 28 October 2025 | *14:00 – 16:00 CET

Efficient use of fuels in the maritime sector

CONTENT: As all sectors, also the shipping industry moves toward decarbonization and there is the need for cleaner and more sustainable fuel. In this webinar, we will explore the critical role of fuel efficiency in maritime operations and take a closer look to promising alternative fuels. We will focus also on multi-fuel SOFC systems, presenting challenges in designing the system layout as well as validation of models with system test campaigns, without forgetting the economic impact. This webinar is the first of a series, whose aim is to show the solution potential and the advantages of fuel cells and multi-energy sources, as well their application.

AGENDA

14:00 **Welcome & Project Introductions:**
Matteo Testi, FBK & Johannes Lackner, AVL

14:35 **Efficient ammonia-based fuel cell systems and impact**
Henrik Lund Fransen, DTU

15:00 **Multifuel SOFC system efficiency**
Peter Sztrinko, AVL

15:25 **Discussion:**
Fuel efficiency & flexibility

15:45 **Wrap-up & Closing**

WHO SHOULD ATTEND

- Professionals in hydrogen & renewable energy
- Professionals in maritime and stationary sector
- Researchers, industry & policymakers
- Business leaders, environmental advocates
- STEM students

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#Electrolysers #Ammonia #Methanol #Hydrogen #FuelCells

amon AMMONIA TO POWER

Development of a next generation AMmONia Fuel Cell System
www.amon-project.eu

FuelSOME

Multifuel SOFC system with Maritime Energy vectors
www.fuelsome.eu

FBK Fondazione Bruno Kessler (Italy) · SolydEra (Italy) · Alfa Laval Technologies AB (Sweden), Alfa Laval Aalborg AS (Denmark), Alfa Laval SPA (Italy) · SOL Spa (Italy) · KIWA Nederland BV (The Netherlands) e KIWA Cermet (Italy) · AVL LIST GMBH · AEE - INSTITUT FUR NACHHALTIGE TECHNOLOGIEN · ATENA SCARL - DISTRETTO ALTA TECNOLOGIA ENERGIA AMBIENTE · EBOS TECHNOLOGIES LIMITED

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