Workshop on

Ammonia FC System for Maritime Application

2 July 2024, 12.30 – 17.30, Lucerne KKL/Switzerland

System, Safety & Future in NH_3 based Power Production

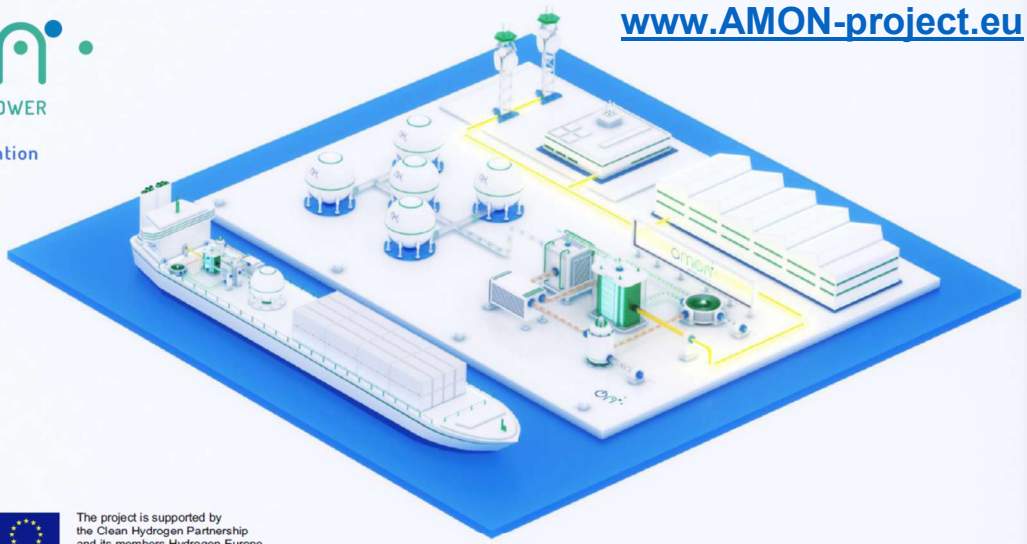
The AMON project is **developing** and **demonstrating a novel system** for the utilization and direct conversion of ammonia into electrical energy with high efficiency using a solid oxide fuel cell system. In the AMON workshop, the system and the **challenges of engineering and integration** as well as the maritime **safety** aspects of such a development will be presented and discussed. This will support you in identifying the relevant points for further **integration, application** and **operation**. You will **meet key know-how owner** and **discuss the future** of ammonia-based power generation. You will also learn about the **added values** such as simplicity, efficiency, reliability, availability and scalability of such innovative ammonia fuel cell systems.

Organised by **CH JU project**

amon
AMMONIA TO POWER

Development of a next generation AMmONia Fuel Cell system

www.AMON-project.eu



Clean Hydrogen Partnership

Co-funded by the European Union

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In conjunction with
SUSTAINABLE SHIPPING DAYS
www.EFCF.com/**SSD**

SSD 2024
1 – 2 July

joint with SSD 2024 1 – 2 July

Workshop Program:

see also **SSD program**
www.EFCF.com/**SSDprogram**

12.30	**Registration** & visit the **SSD poster session**
13.30	**Introduction** **on Ammonia FC system** Matteo Testi, FBK, Trento/ITA
13.45	**Engineering & Integration** Debasish Chakraborty Alpha Laval Lund/SWE & Copenhagen/DEN
14.00	**Safety aspects on ammonia power systems** Alvaro Fernandez, KIWA, Apeldoorn/NLD
14.20	**Panel** with Enduser, Marine and Ammonia Experts ***"How do you see NH_3 use in the context of power production?*** ***On shore - On board: Chances, needs, risks, market potentials."*** Debasish Chakraborty, Alfa Laval, Lund/SWE & Copenhagen/DEN Elli Varkaraki Yara Technology & Project, Geneva/CH Víctor Collazos Rodríguez, Fundación Valenciaport, Valencia/ESP Marco Matrascia, SOL Group, Monza/ITA
15.00	Coffee Break joining SSD network and poster session
15.30	**Marine Fuel Cell Technology**, SSD Lecture 4 with AMON partner Solydera: SOFC x Ammonia and PowerCell, Alma, Freudenberg
17.30	**End** AMON Workshop & SSD
18.00	**EFCF Welcome Reception** sponsored by www.EFCF.com

Who should join:

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

Registration

If you like to join the **AMON workshop** for **free** you must register here www.EFCF.com/**AMONwsReg**

If you like to attend the **SSD** get all information here www.EFCF.com/**SSD** and please register here www.EFCF.com/**Registration**

Contact for:

SSD, Workshop, EFCF

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AMON project

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AMON project partners

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