

# **Making Maritime Applications Greener 2018**

**Wednesday October 10, 2018**

**Hydrogen and methanol in marine applications**

**Session chair Sigríður Ragna Sverrisdóttir, Hafið Center of Excellence**

**12:00 Light lunch and registration**

**13:00 Opening remarks**

Sigríður Ragna Sverrisdóttir, Hafið Center of Excellence

**13:10 Developing hydrogen vessels and the art of multitasking**

Trond Strömgen, Maritime Association Sogn & Fjordane

**13:30 Alternative Fuels and Fuel Cells in Ships – Status of the e4ships Project Cluster**

Erik Schumacher, NOW

**13:50 Pressurised H<sub>2</sub> solutions for the maritime segment – the complete value chain from production to electricity**

Tomas Tronstad, Hyon

**14:10 Hydrogen and batteries for small fishing vessels**

Erik Ianssen, SELFA

**14:30 Methanol – An Ultra Clean Marine Fuel Solution**

Paul Hexter, Waterfront Shipping

**14:50 Coffee break**

**15:10 GreenPilot Project**

Bengt Ramne, ScandiNAOS

**15:30 Methanol - towards emission free Marine fuels**

Kjeld Aabo, MAN Energy Solutions

**15:50 Combining methanol and batteries in a small fishing vessel**

Bjarni Hjartarson, Navis

**16:15 Q&A General discussion**

**17:00 Refreshments and networking**

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## Batteries, electrification and other alternative solutions

09:00 **The Norwegian NOx Fund, a successful incentive scheme for greener shipping**

Tommy Johnsen, NOx fund Norway

09:20 **Smart Solutions for Maritime Regulatory Compliance**

Sigrún Hildur Jónsdóttir, Klappir Green Solutions

09:40 **Hamburg's Onshore Power Supply Strategy**

Max Kommorowski, MKO Marine Consulting

10:00 **Electrification of the route between Westman Islands and port of Landeyjar**

Jóhannes Jóhannesson, Jjohannesson ApS

10:25 **Zero emission application for ferries**

Iver Jan Leren, Transport Advanced and Modular (TrAM)

10:45 **Coffee break**

11:15 **E-ferry: why going fully electric 'pays off' in the end**

Trine Heinemann, E-ferry project

11:35 **Experience of operating electric sailboats**

Árni Sigurbjarnarson, Brim Explorer

11:55 **Shore Power – Economical and environmental savings**

Sverre Knapstad and Ole-Ivar Guleng, PSW Power & Automation

12:15 **The Nordic eBoat project**

Gunnar Tryggvason, GT Consulting

12:30 **Closing remarks – Jón Björn Skúlason, Icelandic New Energy**

Making Marine Applications Greener is organised by

