

PRELIMINARY PROGRAMME

R&I strategies to decarbonize large ships – 5 June 2018

Brussels

09:30 – 10:00 Welcome Coffee

10:00 – 10:30 **Welcome, Introductory Remarks and Overview** (10' each)

- FCH2 JU
- European Commission - DG MOVE and DG RTD

Overview of the sector and State of the Art

- Maritime Association SEA Europe

10:30 – 12:30 **End users perspectives: What is your appetite for large Fuel Cells in the ship market?** (10' each)

- Cruising companies :
 - o Carnival Corporation
 - o Viking Cruise
 - o Costa
 - o Norwegian
 - o AIDA
 - o Grimaldi
- Ferries operators:
 - o Maritim Forening Sogn og Fjordane
 - o Fjord1 AS
 - o Norled AS
 - o HySeas

12:30 – 13:30 Lunch

13:30 – 14:30 Ships and equipment providers: what are your concrete plans for Fuel Cells in large ships? (10' each)

- Ship builders, maritime equipment manufacturers:
 - Fincantieri
 - DCNS
 - ABB
 - Wärtsilä
 - Meyer Werft
 - Brødrene Aa AS
 - KONGSBERG MARITIME AS

14:30 – 15:00 Coffee

15:00 – 16:30 Fuel Cells providers: what are the solutions you can propose for the propulsion of MW scale ships? (5' each)

- LT-PEM fuel cell
 - Ballard
 - Proton Motor Fuel Cell GmbH
 - Hydrogenics
 - Nedstack
 - PowerCell
- HT-PEM fuel cell
 - Elcore
 - Serenergy
- SO fuel cell
 - Elcogen
 - Convion
 - Solid Power
 - Sunfire
 - Bloom Energy
- MC fuel cell
 - Doosan Babcock
 - FuelCell Energy

16:30 – 17:00 Discussions, Summary and Closing Remarks

17:00 End of Seminar