

## PRELIMINARY PROGRAMME

# H2 and Fuel Cells in maritime applications – 15-16 June 2017

## Valencia - SPAIN

### DAY 1 - 15 June 2017

08:30 – 09:00 Registration

09:00 – 09:30 **Welcome, Introductory Remarks and Overview** (10' each)

- European Commission, DG MOVE
- Port authority of Valencia
- FCH JU, Mirela Atanasiu, Head of Operation and Communication

09:30 – 10:45 **Perspectives, Opportunities and Challenges for H2 in maritime** (15' each + 10' Qs)

- Norway, Møre and Romsdal County Council, Mrs. Lina Jonasson, Energy Advisor
- Spain, Port of Valencia, Mercedes de Juan, Project Manager
- Germany, e4Ships, Hysolution, Jennifer Kreissel, PR Manager
- Port of Roma - Civitavecchia

10:45 – 11:15 Networking Coffee

11:15 – 13:00 **H2 and Fuel Cells for clean boats** (15' each + 10' Qs)

- Ballard, Mrs. Yane Laperche-Riteau, Business Development Director
- ABB Marine & Ports, Mr. Klaus Vänskä, Global Business Development Manager
- Fincantieri Spa, Mr. Gerardo Borgogna, Research and Innovation
- Project Maranda, PersEE, Mrs. Laurence Grand-Clément, President
- Proton Motor Fuel Cell GmbH
- Questions session

13:00 – 14:30 Lunch

14:30 – 15:45 **H2 and Fuel Cells for clean material handling vehicles** (15' each + 10' Qs)

- MSC Terminals, Mr. Sven Valentin, Terminal Manager
- Hyster-Yale, Mr. Gus Block, Director of Marketing and Corporate Development
- HyPulsion – PlugPower, Mr. Ranjieve Williams, Director
- Project Hylift Europe, Mr. Alexander Claus, STILL
- Questions session

15:45 – 16:15 Networking Coffee

**16:15 – 17:20 Horizontal considerations: RCS, regulations safety, environment (15' each + 10' Qs)**

- Safety – European Commission, Joint Research Centre, Mr. Rafael Ortiz Cebolla, Scientific / Technical Project Officer
- Regulations, Codes and Standards, Mr. Lars Langfeldt, Senior Project Engineer - DNV GL – Maritime
- Regulations, IMO, Mr. Miguel Nuñez
- Environment, International Energy Agency Hydrogen Implementing Agreement Task 39 – Mrs. Sepideh Jafarzadeh, researcher
- Questions session

**17:20 – 18:30 Port visit****From 20:30 Dinner at Restaurant *Contra Punto Les Arts*****DAY 2 – 16 June****08:30 – 09:00 Registration****09:00 – 10:40 H2 and Fuel Cells for clean stationary applications and H2 infrastructure (15' each + 10' Qs)**

- HyGear, Dick Lieftink
- NEL Hydrogen, Mr. Bjørn Simonsen, Vice President
- AirLiquide
- ITM, Mr. Kris Hyde, Technology Manager
- Hydrogenics, Mark Kammerer, Director Business Development
- Project BIG HIT, Fundacion Hidrogeno Aragon , Mr. Jesus Simon, Head of Technical Department
- Questions session

**10:40 – 11:10 Networking Coffee****11:10 – 12:30 Smart Specialisation: Programs and Funding Opportunities on H2 and Fuel Cells (15' each + 10' Qs)**

- Session organized by European Commission, Joint Research Centre
  - o Smart Specialisation Concept and Presentation of different funding bodies for energy projects, Mr. Rafael Ortiz Cebolla, Scientific / Technical Project Officer
  - o Synergies between H2020 and ERDF, JRC Sevilla
  - o Presentation of good practice cases of S3 implementation and/or synergies between funding and/or interregional collaboration (to be possible, for projects implementing hydrogen technologies)
  - o Questions session

**12:30 – 13:00 Summary and Closing Remarks**

- Port Authority of Valencia
- FCH JU / JRC

**13:00 End of Workshop**