**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)

*Moderator: Mr. Ramón Gómez-Ferrer Strategy and Innovation Manager, Port Authority of Valencia*

* Mr. Ramón Gómez-Ferrer Strategy and Innovation Manager, Port Authority of Valencia
* Spanish Ministry of Economy, Industry and Competitiveness, Mr. Alejandro Cros Bernabéu, Vice-Director General, Industrial Sector Policy
* European Commission, DG Research and Innovation, Mrs. Katarzyna Drabicka, Policy Officer
* FCH2 JU, Mrs. Mirela Atanasiu, Head of Operation and Communication

09:30 – 10:45 **Perspectives, Opportunities and Challenges for H2 in maritime** (20’ each + 10’ Qs)

*Moderator: Mrs. Nuria Fariña de Parada, General Councel, PYMAR - Spanish Association of Shipyards*

* Norway, Møre and Romsdal County Council, Mrs. Lina Jonasson, Energy Advisor
* Spain, Fundación Valenciaport, Mrs. Mercedes de Juan, Project Manager
* Germany, e4Ships, Hysolution, Mr. Heinrich Klingenberg, Managing Director

10:45 – 11:15 Networking Coffee

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

*Moderator: Mr. José María de la Viña, Deputy Dean of the Spanish College of Naval Architects and Marine Engineers*

* Ballard, Mrs. Kristina Fløche Juelsgaard, 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, Mr. Thomas Wannemacher,Head of Product management
* Questions session

13:00 – 14:30 Lunch

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

*Moderator: Mr. José Giménez. Environmental Project Manager, Fundación Valenciaport*

* MSC Terminals, Mr. Sven Valentin, Terminal Manager
* Nuvera Fuel Cells, Mr. Gus Block, Director of Marketing and Corporate Development
* HyPulsion – PlugPower, Mr. Ranjieve Williams, Director
* PowerCell, Mr. Per Erkunge, Chief Technical Officer
* Questions session

15:45 – 16:15 Networking Coffee

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

*Moderator: Mr. Raúl Cascajo, Head of Enviromental Policies, Port Authority of Valencia*

* Safety – European Commission, Mr. Rafael Ortiz Cebolla, Scientific / Technical Project Officer
* Regulations, Codes and Standards - DNV GL Maritime, Mr. Lars Langfeldt, Senior Project Eng.
* Regulations - Lloyd’s Register, Mr. Joseph Morelos, Technology Innovation Strategic Marketing Manager
* Environment, International Energy Agency HIA – NTNU, Mrs. Sepideh Jafarzadeh, Researcher
* Questions session

|  |  |
| --- | --- |
| From 20:30 | Dinner at *Contrapunto Les Arts* Restaurant |
|  |  |

**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)

*Moderator: Mr. Lionel Boillot, Project Manager, FCH2-JU*

* HyGear, Mr. Dick Lieftink, Manager Technology Development
* NEL Hydrogen, Mr. Bjørn Simonsen, Vice President
* ITM, Mr. Kris Hyde, Technology Manager
* AirLiquide, Mr. Eric Claude, Director of Innovation
* Hydrogenics, Mr. Mark Kammerer, Director Business Development
* Project BIG HIT, Fundación Hidrógeno 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)

*Moderator: Mrs. Pilar González Gotor, CDTI and Spanish NCP for H2020 Programme – Societal Challenge 3*

- Smart Specialisation platform, Mr. Rafael Ortiz Cebolla, Scientific / Technical Project Officer

- Synergies between H2020 and ERDF, JRC Sevilla, Mrs. Karolina Horbaczewska and Mr.

Mathieu Doussineau

- SCREEN- Synergic circular economy accross European regions, Mr. Carlo Polidori, VELTHA ivzw

- Good practice cases of S3 implementation, synergies between funding, interregional collaboration:

                - Aragón, Mr. Fernando Palacín, Fundación de Hidrógeno de Aragón

                - Friuli-Venezia Giulia, Mr. Rodolfo Taccani, University of Trieste

- Questions session

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

* Fundación Valenciaport, Mr. Vicente del Río, General Manager
* FCH JU, Mr. Carlos Navas, Strategy and Market Development Manager

13:00 End of Workshop