



# H2PORTS FINAL CONFERENCE



Organised by:



Hosted at:



**08:30 - 09:00** Registration at the headquarters of the Port Authority of Valencia

**09:00 - 09:10** Institutional Welcome

Mar Chao, President of the Port Authority of Valencia

**09:10 - 09:30** Official Welcome

Antonio Torregrosa, General Director, Fundación Valenciaport

Valerie Bouillon-Delporte, Executive Director, Clean Hydrogen Partnership

Torsten Klimke, Head of Unit – Ports and Inland Navigation - DG MOVE

Juan Manuel Díez, Chief Innovation Officer - Port Authority of Valencia

**09:30 - 09:50** H2PORTS project – Introduction and main results

Jorge M. Lara López, Coordinator of H2PORTS project – Fundación Valenciaport

**09:50 - 10:15** Hydrogen Refuelling Station and supply operations – Main results

Cristina Ballester, CNH2 Engineer – Centro Nacional del Hidrógeno (CNH2)

Esperanza Montero, Energy Transition – Business Development Manager - Carbueros Metálicos (Air Products Group)



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10:15 - 10:40

**Hydrogen ReachStacker pilot at MSC Terminal Valencia – Main results**

Joost Hoogduin, Vehicle Integration Leader – Hyster-Yale

10:40 - 11:10

**Coffee Break**

11:10 - 11:35

**Hydrogen Yard Tractor pilot at VALTE terminal (by Grimaldi Group) – Main results**

Elio Jannelli - CEO Atena scarl - ATENA/University of Naples Parthenope

11:35 - 12:25

**Panel Session – H2 demand. Future scenarios and market uptake - Aurelio Lázaro, H2PORTS Technical Coordinator**

Carlos Merino, Technical Director - Centro Nacional del Hidrógeno (CNH2)

Héctor Carbonell, H2 and Energy Transition Director Southern Europe - Carburos Metálicos (Air Products Group)

Cosimo Cervicato, Senior Executive Engineer Energy Saving R&D and Ship Design – Grimaldi Group

Lucien Robroek, President Technology Solutions Division – Hyster-Yale

Viviana Cigolotti, Head of Division Technologies and Vectors for Decarbonization – ATENA/ENEA



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12:25 - 12:30

**Conclusions and final remarks**

Jorge Lara, Coordinator of H2PORTS project

12:30 - 12:35

**Family Picture**

12:35 - 12:45

**Bus Transfer**

12:45 - 14:00

**Visit to the pilots: HRS / REACHSTACKER / YARD TRACTOR**

**+ Family Picture**

### The mobile Hydrogen Refuelling Station - HRS

The Centro Nacional del Hidrógeno (CNH2) has developed the Hydrogen Refuelling Station (HRS) that has guaranteed the supply of this fuel, in suitable conditions, during the simultaneous operation of the other two pilots. Carburros Metálicos, as an expert in the entire hydrogen value chain, has led the installation of the HRS at the Port of Valencia and has managed it during the pilot period thus guaranteeing good practices of the team involved, and the correct handling of hydrogen loading operations.

### 1<sup>st</sup> Hydrogen ReachStacker

The hydrogen ReachStacker is the first-of-a-kind hydrogen powered ReachStacker and was developed by Hyster-Yale. This prototype has been tested in real operations at MSC terminal Valencia.

### 1<sup>st</sup> Hydrogen Yard Tractor



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The 4x4 Ro-Ro Tractor is the first hydrogen retrofitted powered unit in the world and was developed by ATENA, a research and technology hub based in the Campania Region of Italy. This prototype has been tested in real operations at Valencia Terminal Europa owned by Grimaldi Group.

**14:00 - 14:10**      **Bus Transfer**

**14:10 - 15:10**      **Cocktail Lunch**

**15:10 - 17:30**      **CLEAN HYDROGEN "H2 in ports" Special Session**

(Master of ceremony: Mirela Atanasiu, Head of Unit - Clean Hydrogen Partnership)

**15:10 - 15:15**      **Opening session**

Valerie Bouillon-Delporte, Executive Director, Clean Hydrogen Partnership

**15:15 - 16:00**      **European Strategies and Insights**

Recent EU strategies for energy (including hydrogen) and ports - Tudor Constantinescu, Principal Adviser to the Director-General for Energy - European Commission

Key findings on hydrogen deployment in ports and coastal industrial areas – Stijn Vercammen, Director Climate & Energy – Deloitte

Policy-market developments for the port-hydrogen arena – Stanislas Demeestere, Officer, Industry & Sustainability - Hydrogen Europe

Role of port ecosystems within Hydrogen Valleys - Lionel Boillot, Project Officer - Clean Hydrogen Partnership



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16:00 – 17:00

## Hydrogen in Practice: Port Visions and Realisations

Presentations from selected European ports (hydrogen strategies, pilot projects, scaling plans)

- Port of Hirtshals (DK), Heidi Tuiskula, Soft Funding Manager - Norwegian Hydrogen AS
- Port of Antwerp-Brugge (BE), Bert de Colvenaer, CEO - WaterstofNet
- Baltic Ports, Jatta JUSSILA, CEO - CLIC Innovation Oy
- Port of Venice (IT), James Orlandi – Head of Project Research & Development Unit and Paolo Menegazzo - Head of Strategic Planning Unit

17:00 – 17:30

## Panel Exchange / Testimonials

Interactive discussion with representatives from:

- ESPO, Philippe Putman, Senior Policy Advisor Energy, Industry and Decarbonisation
- Zero Emission Shipping Mission Innovation, Layla Chamilothis, Project Coordinator
- CPL – Clean Port & Logistics Cluster, Marie-Kristin Stussnat, Project Employee Hydrogen Applications

17:30

## End of the Final Conference

