



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, Chair 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 DG MOVE representative (tbc) Juan Manuel Díez, Chief Innovation Manager - 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 (Grupo Air Products)



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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 - Air Products

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

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. Carbueros 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.

1st 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.

1st 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

15:10 - 16:00 European Strategies and Insights

Recent EU strategies for ports and maritime industries (Industrial Maritime Strategy, EU Ports Strategy, Greening of Seaports) - European Commission (DG MOVE)

Key findings on hydrogen deployment in ports and coastal industrial areas - Deloitte

Role of port ecosystems within Hydrogen Valleys - 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)

17:00 –17:30

Panel Exchange / Testimonials

Interactive discussion with representatives from ESPO, Zero Emission Shipping – Mission Innovation, and the CEM Global Ports Hydrogen Coalition

17:30

End of the Final Conference

