



H2Ports Implementing Fuel Cells and Hydrogen Technologies in Ports

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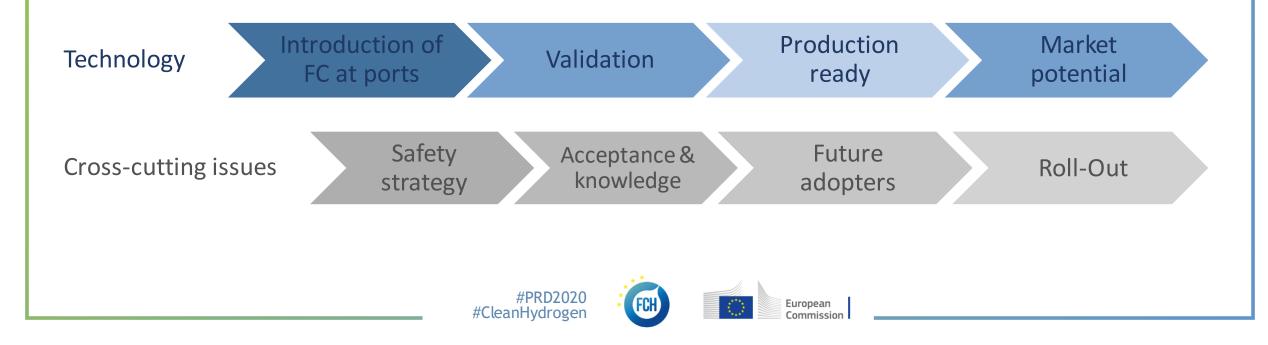


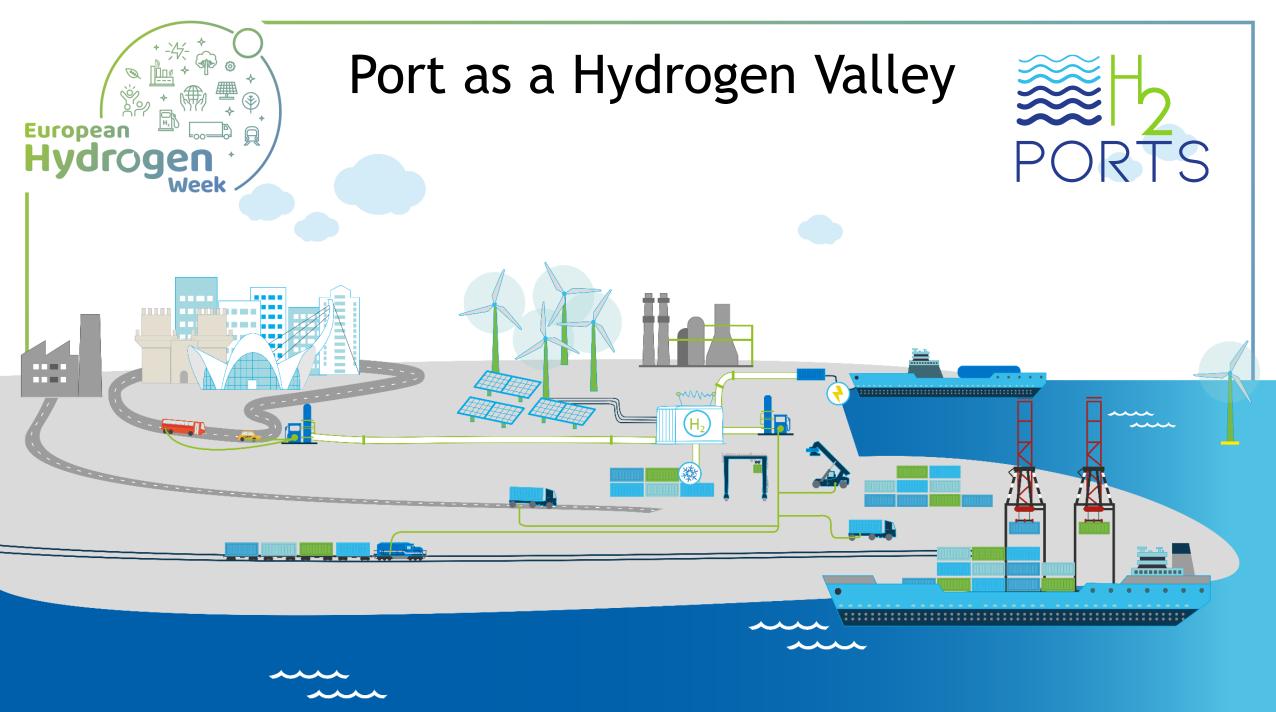


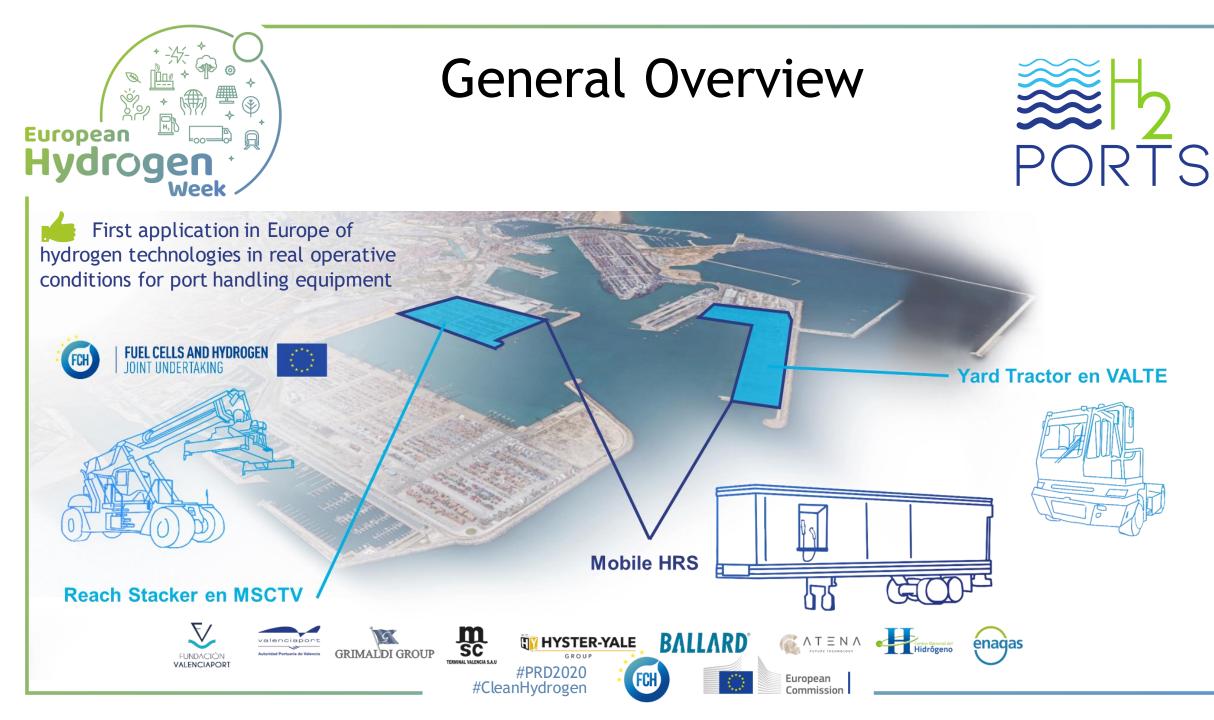
Objective and Impacts

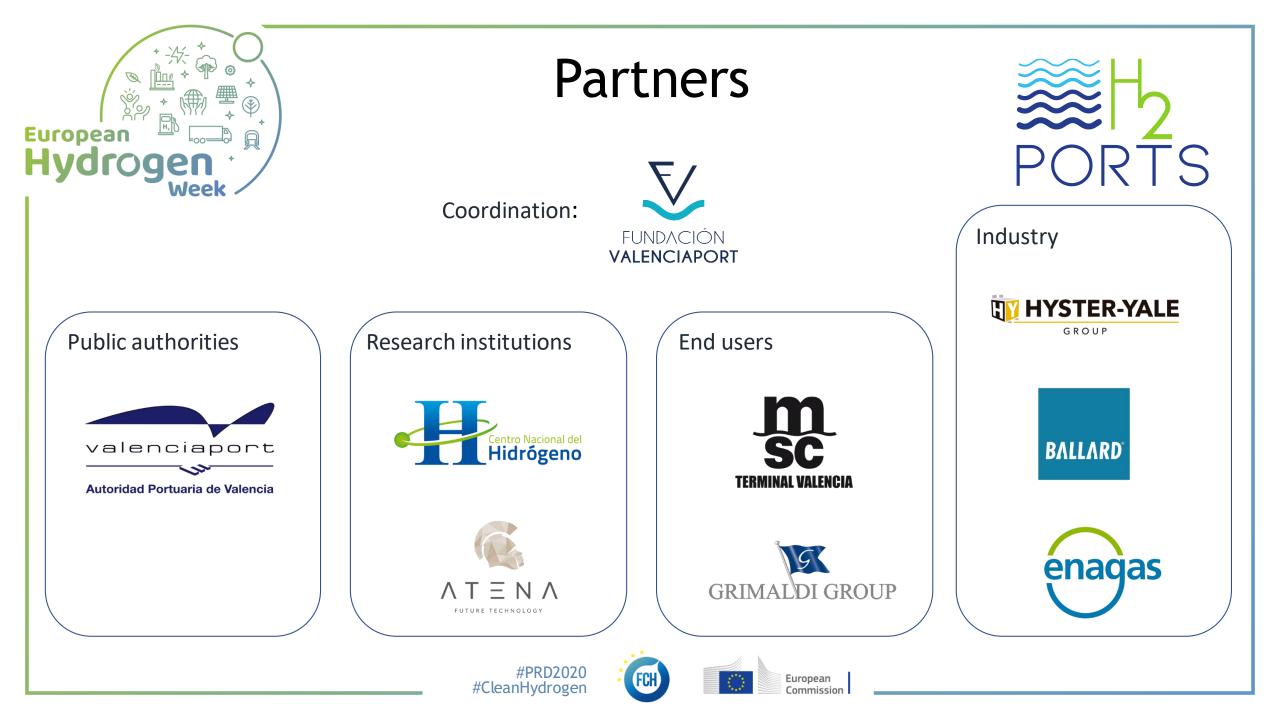


H2Ports aims to boost the transition of the European port industry towards an effective **low-carbon / zero - emission and safe operative model** by piloting and demonstrating new **Fuel Cell Technology**





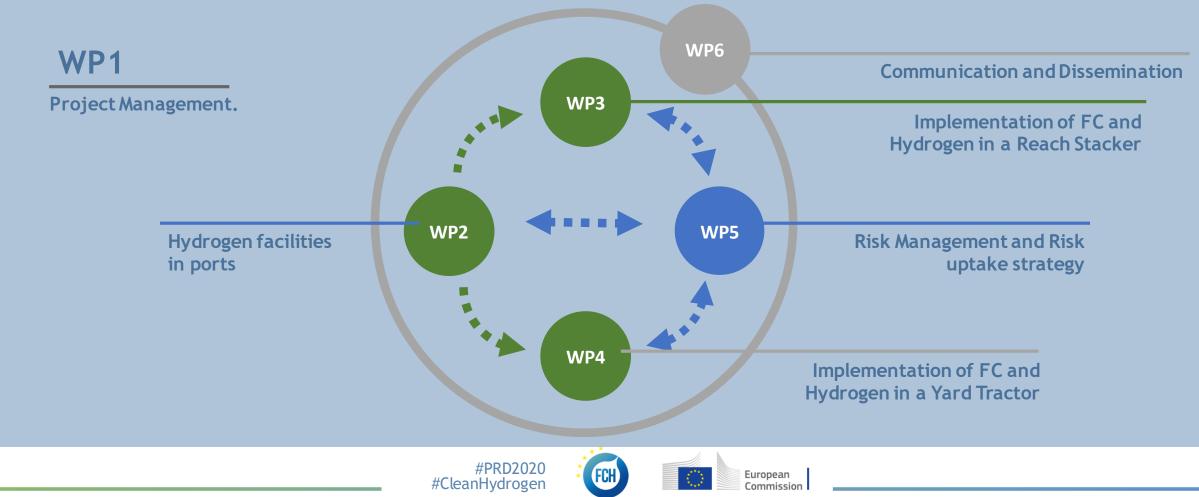






Project Structure















Expected achievements

- Average CO₂ reduction of 128,000 kg per year per vehicle (3000 h & 16 L/h)
- Lower TCO \bigcirc
- Improved productivity 0





FCHJU funding € 1,300,000 approx.

Hyster-Yale Nederland B.V., MSCTV, Port Authority of Valencia, Fundación Valenciaport, National Hydrogen Centre





FCHJU funding € 1,100,000 approx.

ATENA, Grimaldi Group, Ballard, National Hydrogen Centre, Fundacion Valenciaport

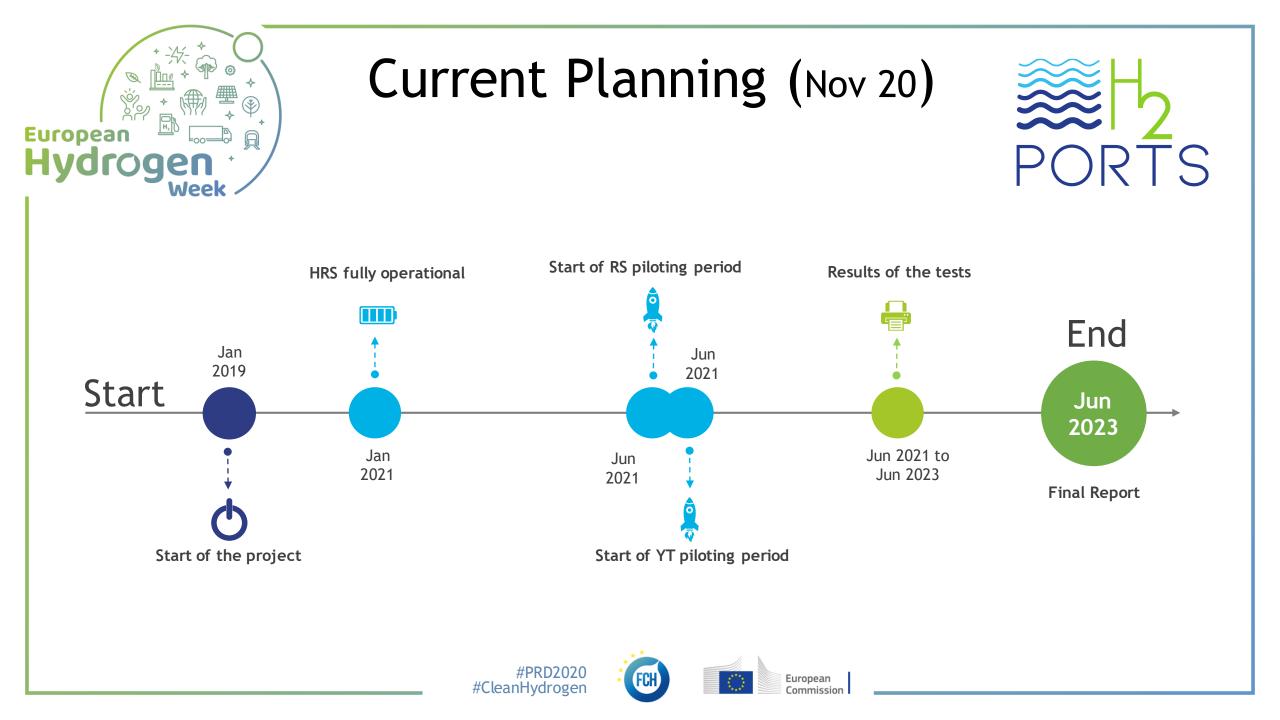
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European

Development and deployment a 4x4 Yard Tractor equipped with a Fuel Cells and test it in Valencia Terminal Europa (Grimaldi Group). It involves three tasks:

- Design of the new FCEV YT 0
- Assembling of new components in the YT
- Testing and Piloting of the FCEV YT in Ο Valencia, Spain

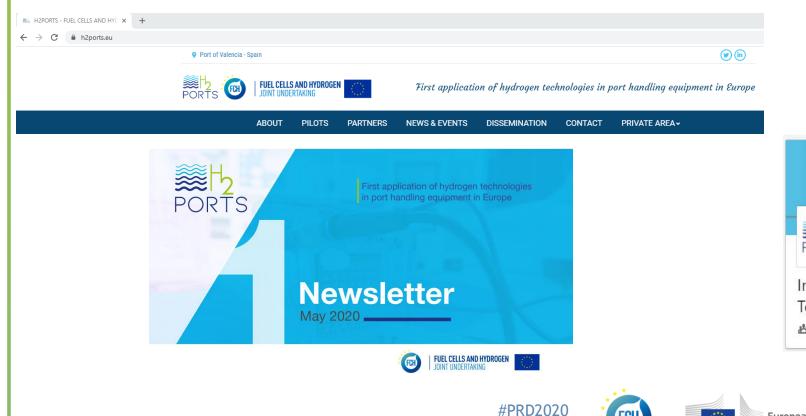




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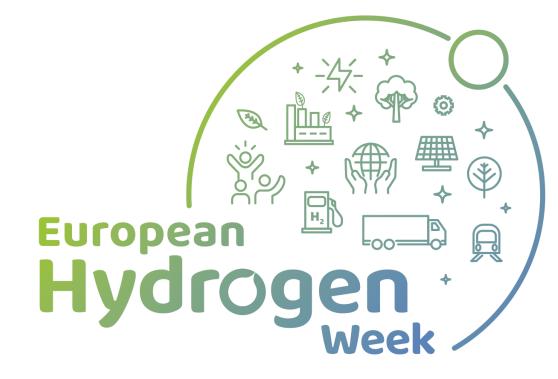
🚜 Grupo publicado

European

Commission







Thank you!

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