

MARINE RENEWABLE ENERGY
FAST-ADVANCING TECHNOLOGIES
AND PROMISING OPPORTUNITIES

17 November 2021
9.30 AM (CET)



Organised by:



Union for the Mediterranean
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TYPSA

Greening at the port of Valencia: integrating wind and wave energy

Javier Abanades
Offshore Manager

17 NOV 2021



**56 years of
experience**

Revenue in 2020
270 M EUR

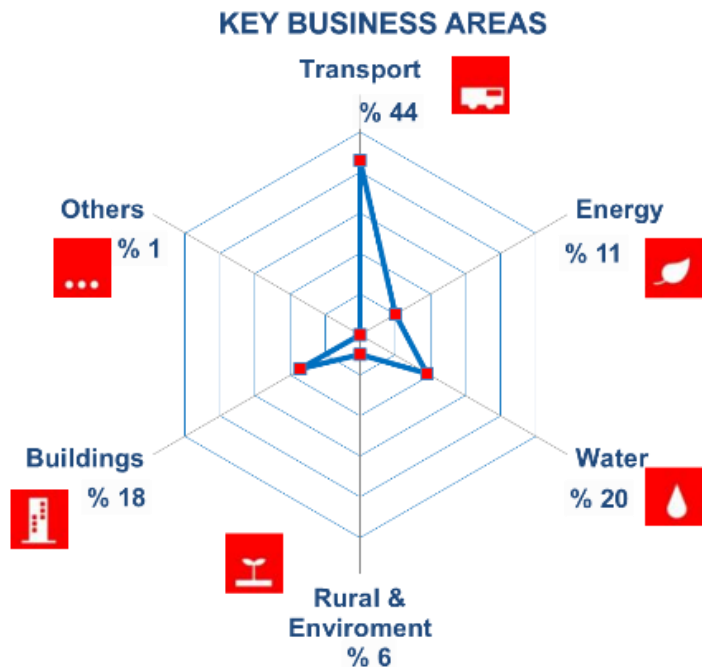
2,850 professionals
60% international
40% in Spain

Completely **independent**
100% employee-owned
Equity: **100 M EUR**

Spain's leading exporter of
consulting engineering services

**Multidisciplinary
approach**

Commitment to **quality** and
sustainability



Marine and Ports: #11

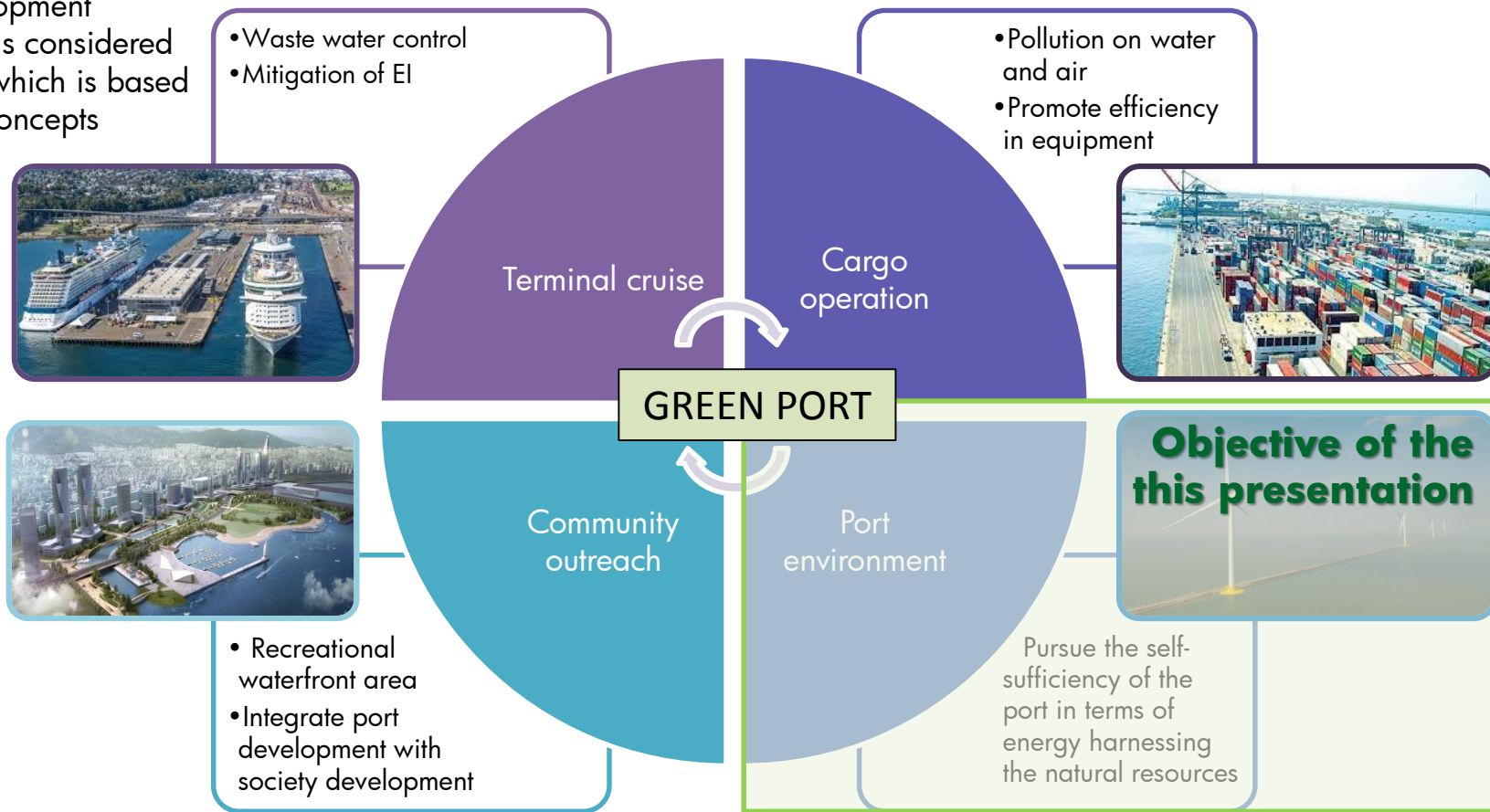
Wind Energy: #6

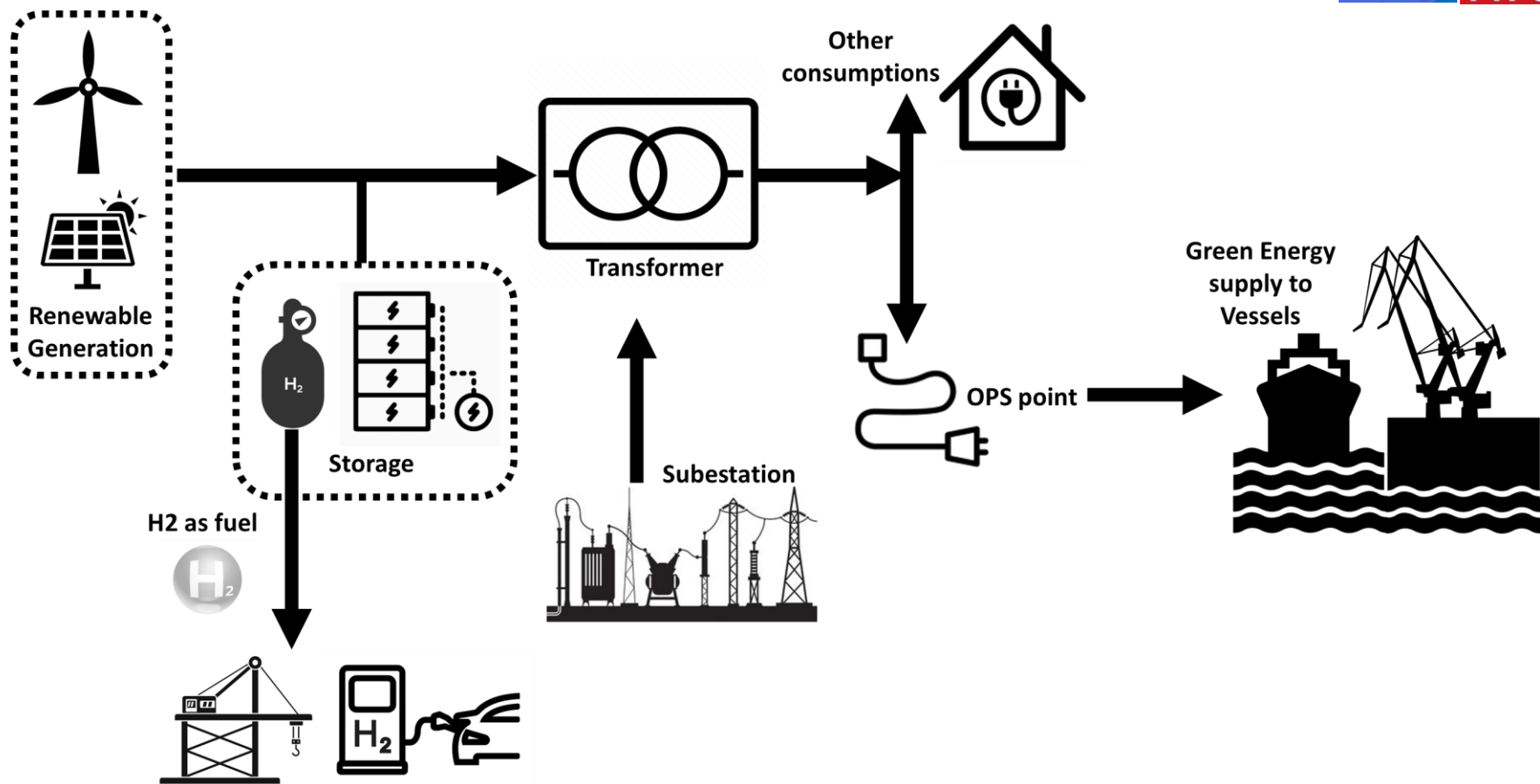


This work is the consequence of
the combination of skills and
capacities of both divisions



Sustainable development applied to a port is considered as **green port**, which is based on the following concepts

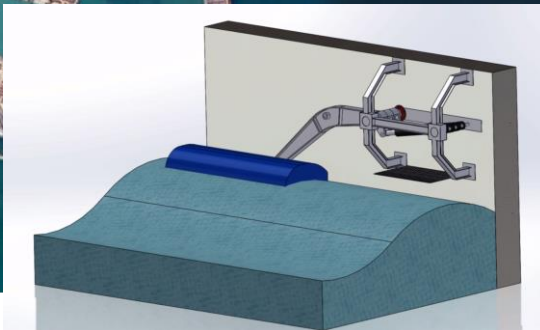


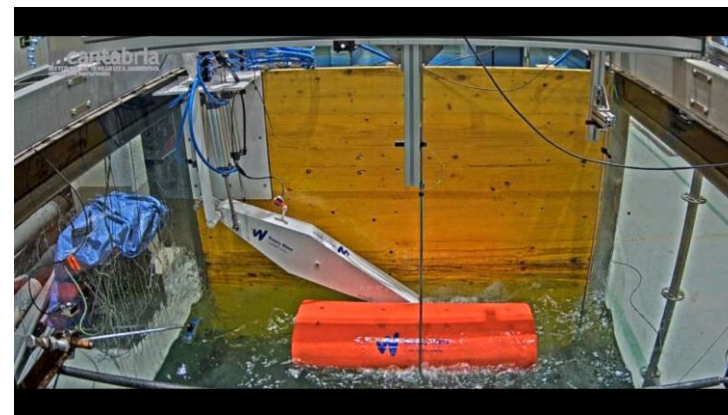
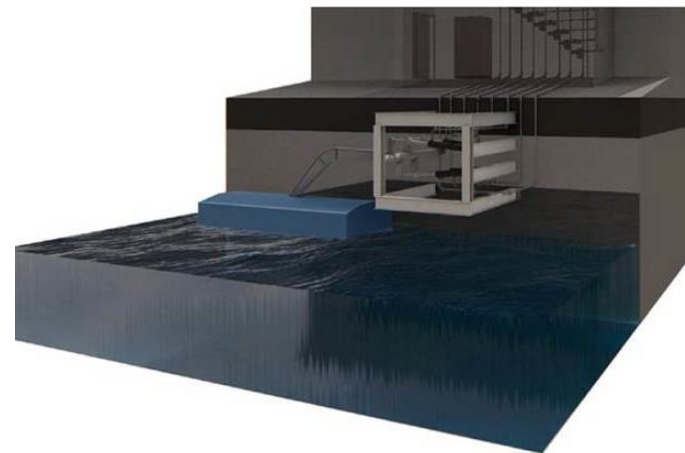
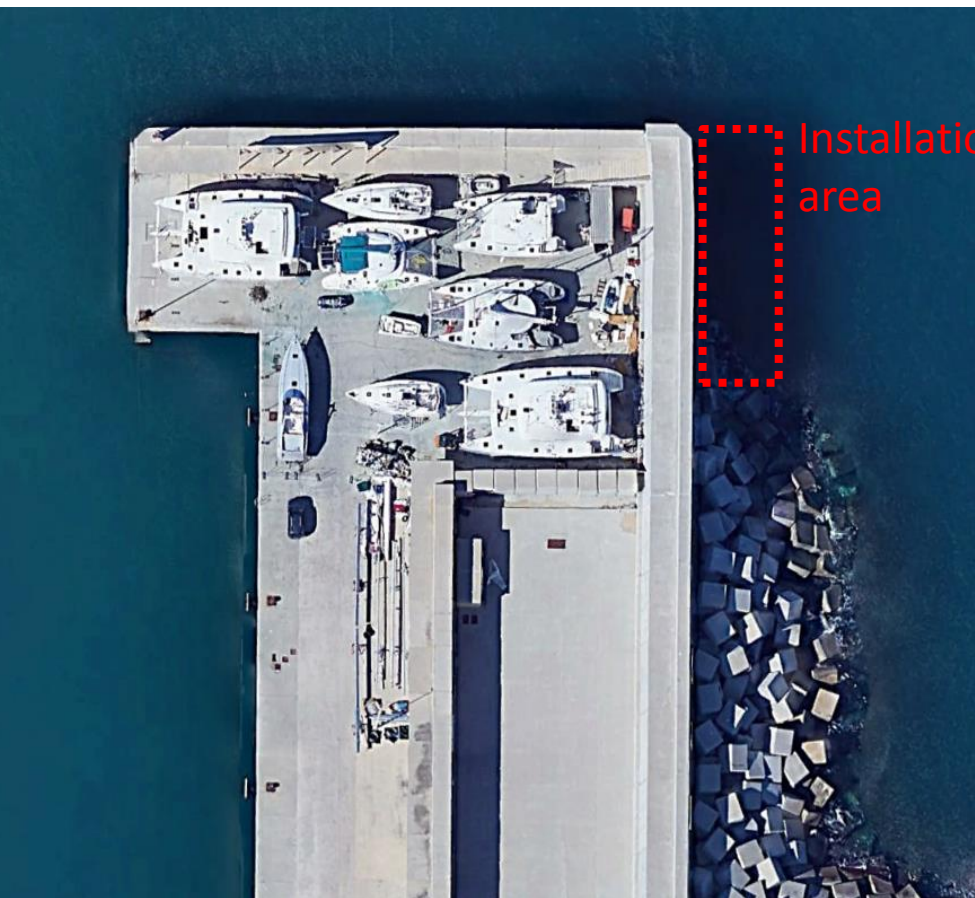


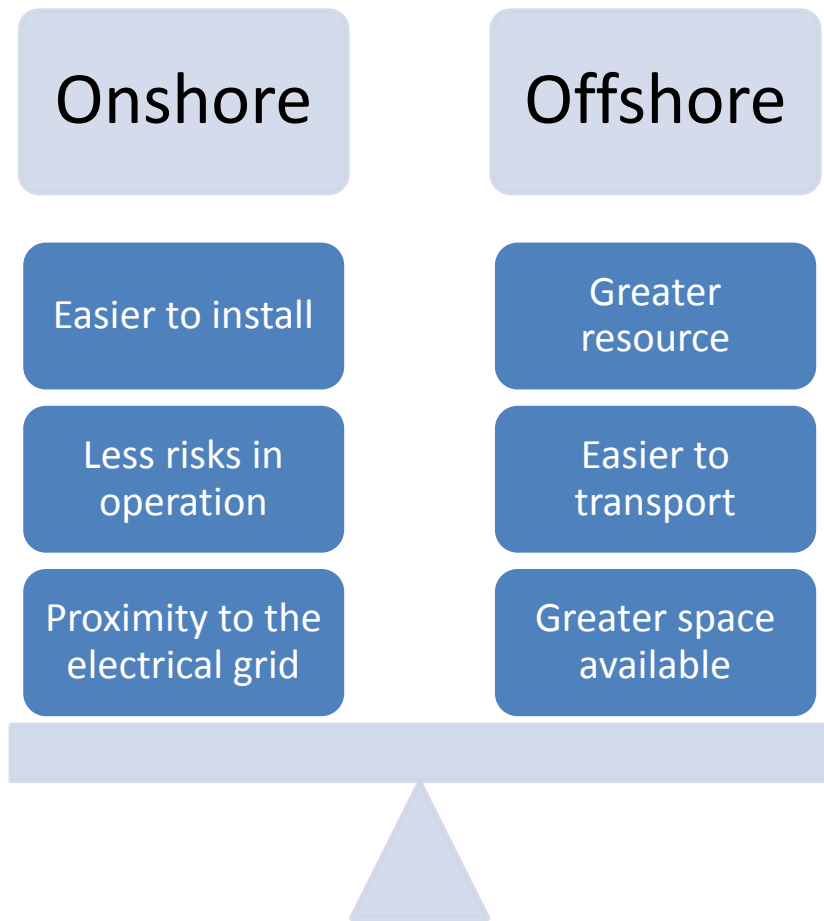


Timeline:

- ✓ Tender Project (2020)
- ✓ EIA approved (March 2021)
- ✓ Lab tests (Summer 2021)
- ✓ Tender process (Winter 2021-2022)
- ✓ Design and Construction (mid 2022)

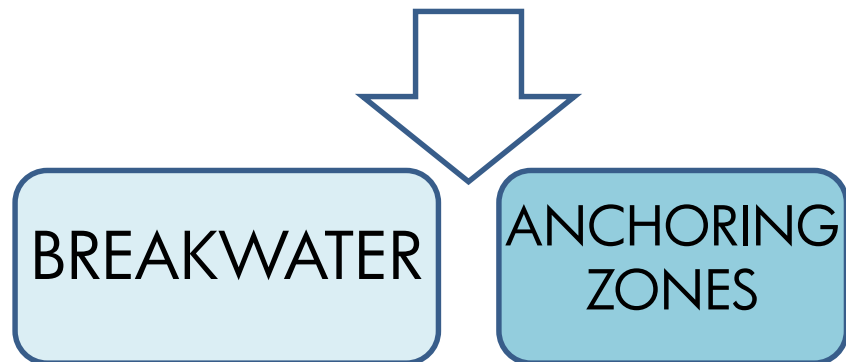






Integrate energy in the interface

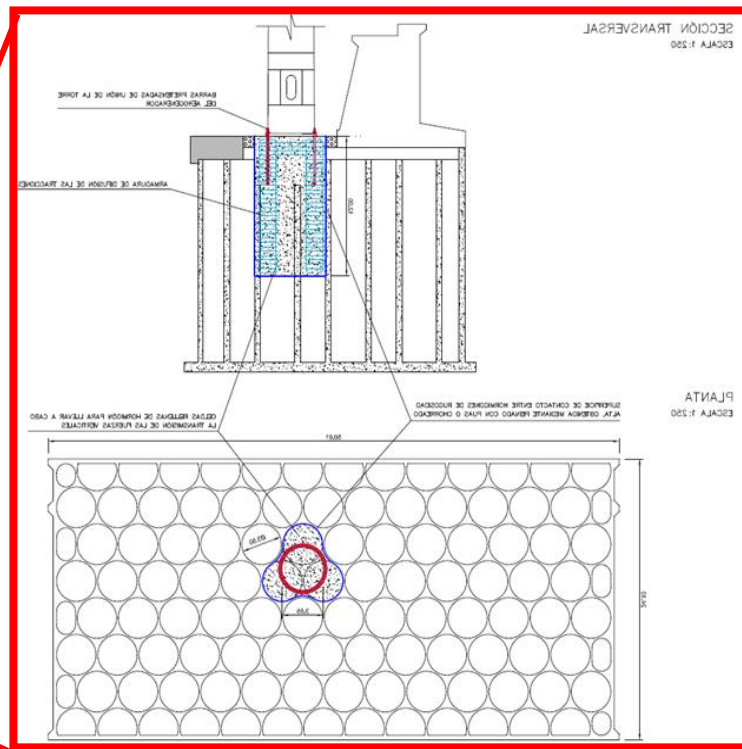
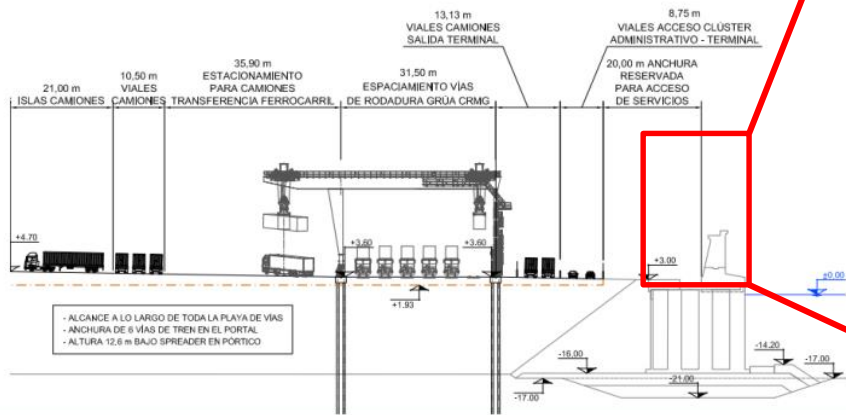
The ports combine the advantages of onshore and offshore wind energy





Wind Farm:

- 20 MW
- To start in 2022



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**Thank you very much
for your attention**

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