

Oceans powering the energy transition

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Ocean Energy Europe

- 115 members
- Lead partners:



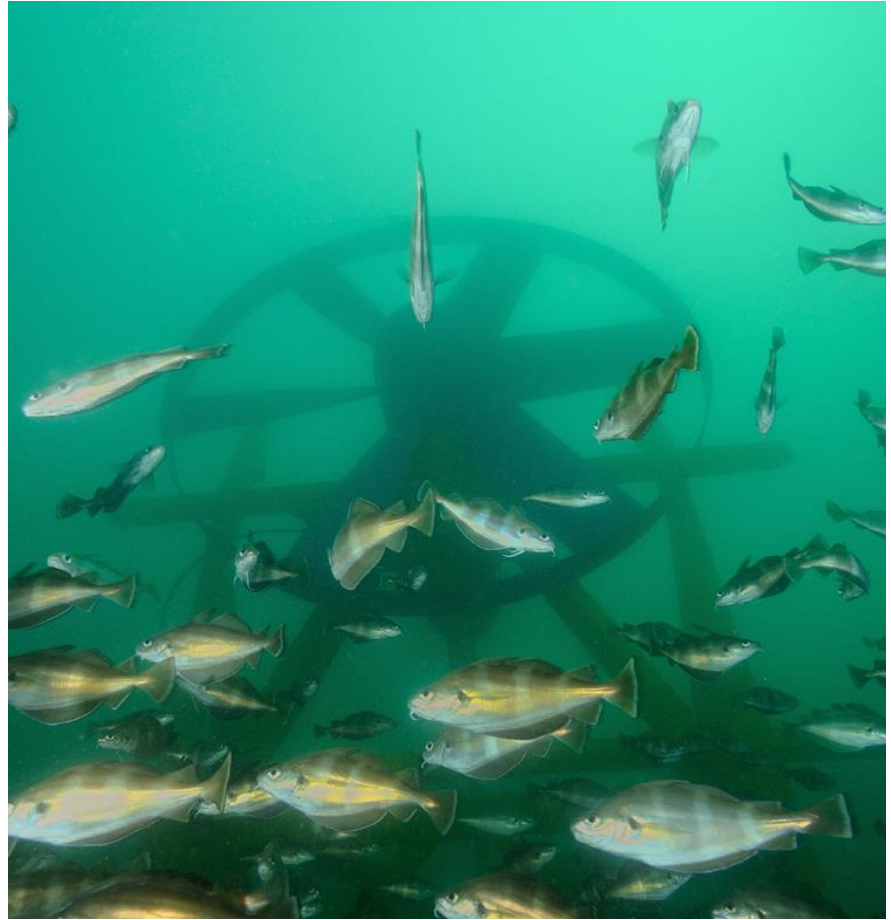
Ocean energy – the next big thing in energy

- Long term potential
 - 100 GW in Europe
 - 10% of EU electricity
 - 94m households
- 500,000 EU jobs by 2050
 - Maritime industries
 - Coastal regions
- €3.8bn invested in Europe
 - Most devices 100% made in Europe

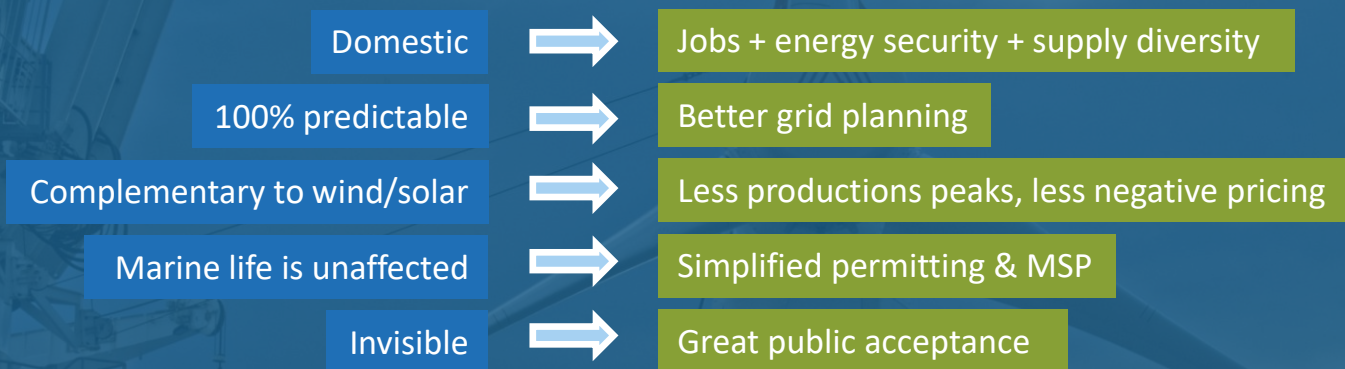


Ocean energy – the next big thing in energy

- Value to grid with 100% RES
 - Tidal 100% predictable
 - Wave produces after wind stops
- In harmony with marine life
 - No significant impact
 - Marine reserve + artificial reef effects
- New opportunities for other blue economy sectors
 - Shipbuilding
 - Oil and Gas
 - Fisheries



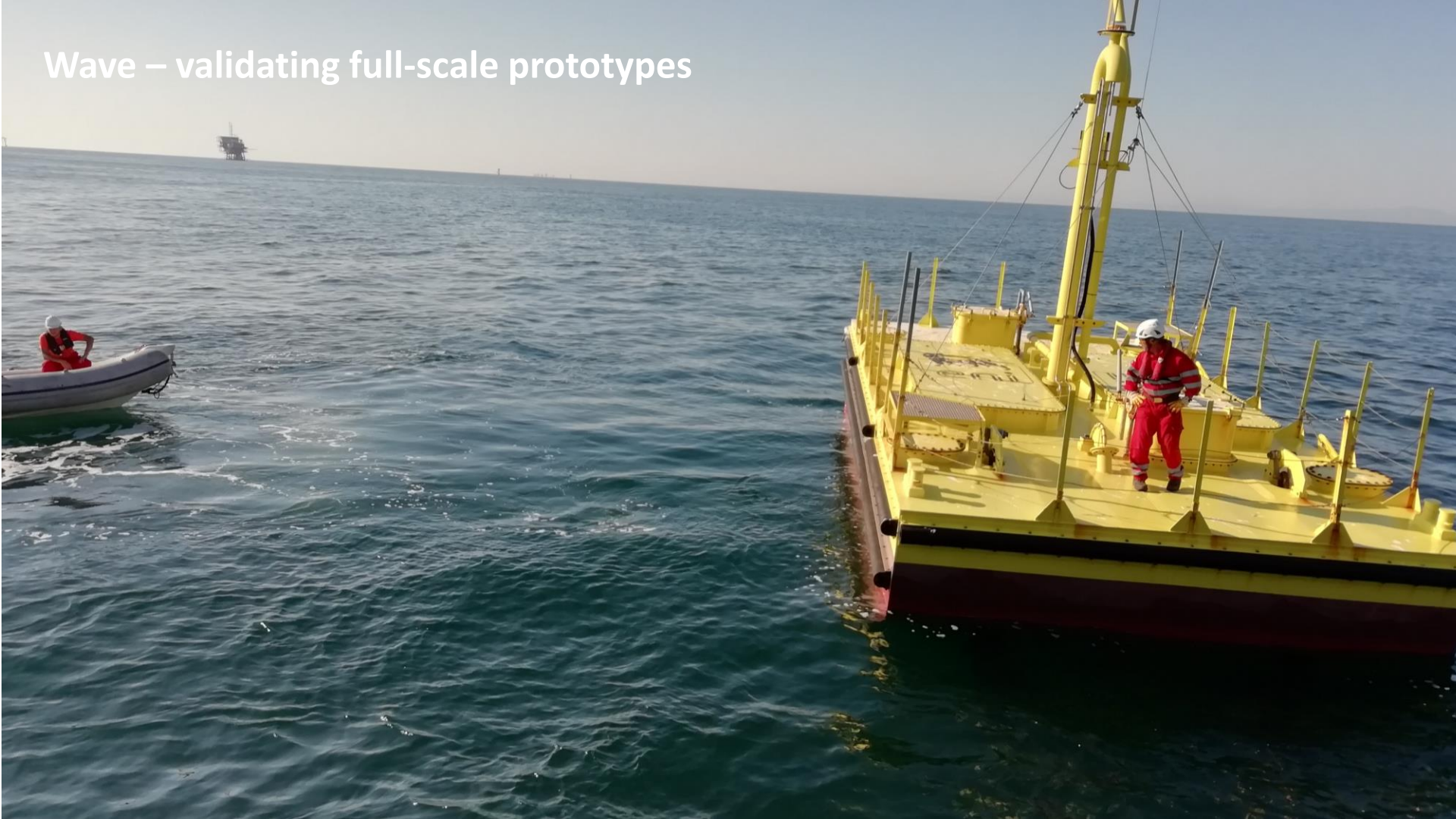
Ocean energy is more relevant than ever



Untapped resource of 340 GW of wave + tidal energy



Wave – validating full-scale prototypes



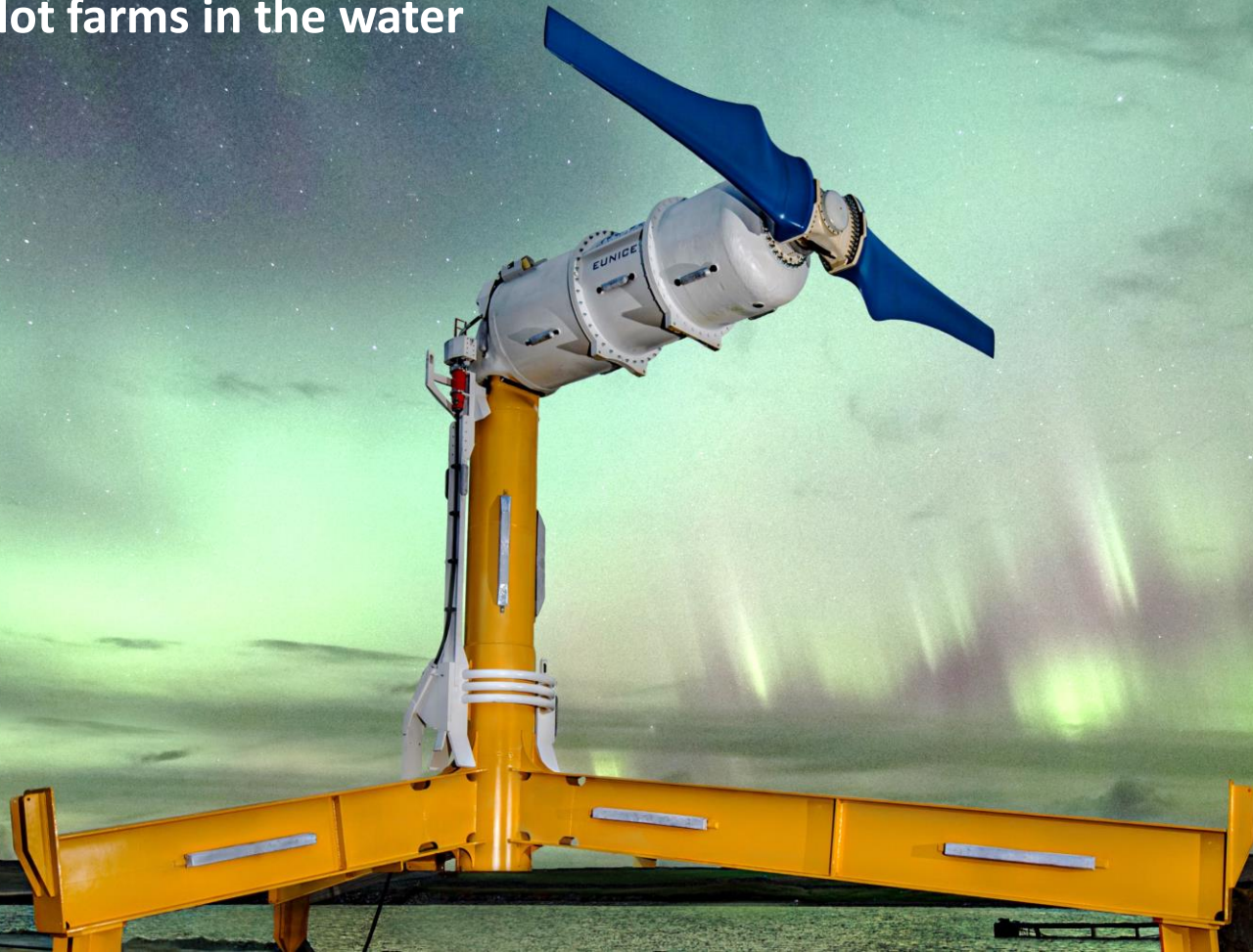
Wave – validating full-scale prototypes



Wave – validating full-scale prototypes



Tidal – pilot farms in the water



Tidal – pilot farms in the water





Ocean energy – an opportunity for Italy



- Needed for the fully decarbonised 2050 grid
- Solution for the decarbonisation of ports
- Harnesses existing industrial strengths
 - Shipbuilding, aerospace, offshore contractors

Stay tuned!

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