



2030 Vision: The Growth Pathway for Ocean Energy

Lotta Pirttimaa, Policy & Project Officer, Ocean Energy Europe



Photo: Eni

2030 Ocean Energy Vision

Industry analysis of future deployments,
costs and supply chains

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ETIP Ocean brings the sector together

- Promotes ocean energy development – EU & globally
- Recognised European Commission advisory body & part of SET Plan
- Strong influence on policy & funding opportunities
- Knowledge-sharing: wide network of ocean energy professionals

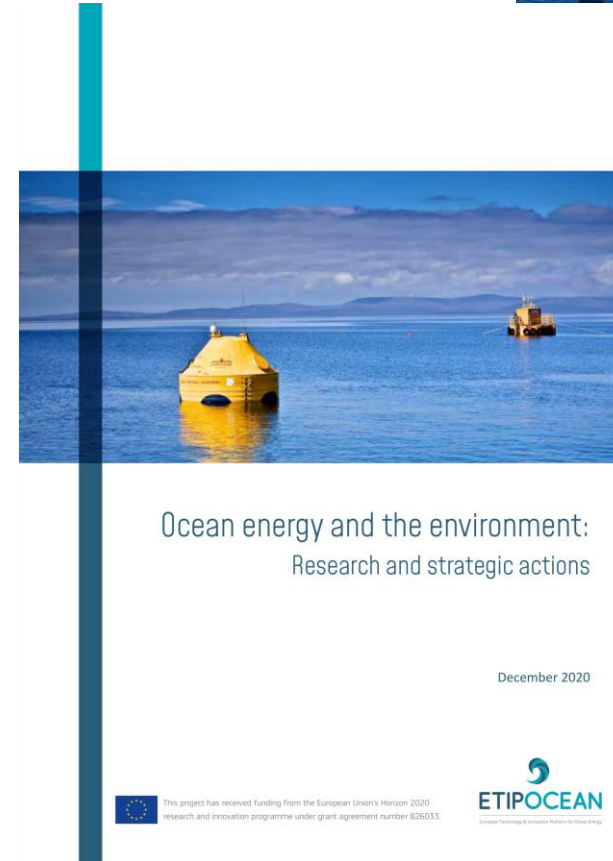


Publications based on consultation & knowledge-sharing webinars

- Strategic Research & Innovation Agenda
- Ocean energy & the environment

Coming soon:

- GVA study
- Socioeconomic study





Tidal – Pilot farms
driving progress



Tidal – Pilot farms
driving progress



Tidal stream in 2030



2.4 GW of
capacity
deployed

93% in
European
waters

Costs
down to
€90/MWh

Tidal stream in 2030

- Tidal farms at utility scale in France, the Netherlands, United Kingdom and specific sites in the Mediterranean
- Exploitation of first lower-flow sites with improved tech + tidal kites
- First exports to markets such as Canada, Indonesia, Japan

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Wave – race to
reach the markets



Wave – race to
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Wave in 2030

494 MW of
capacity
deployed

87.5% in
European
waters

Costs
down to
€110/MWh

Wave in 2030

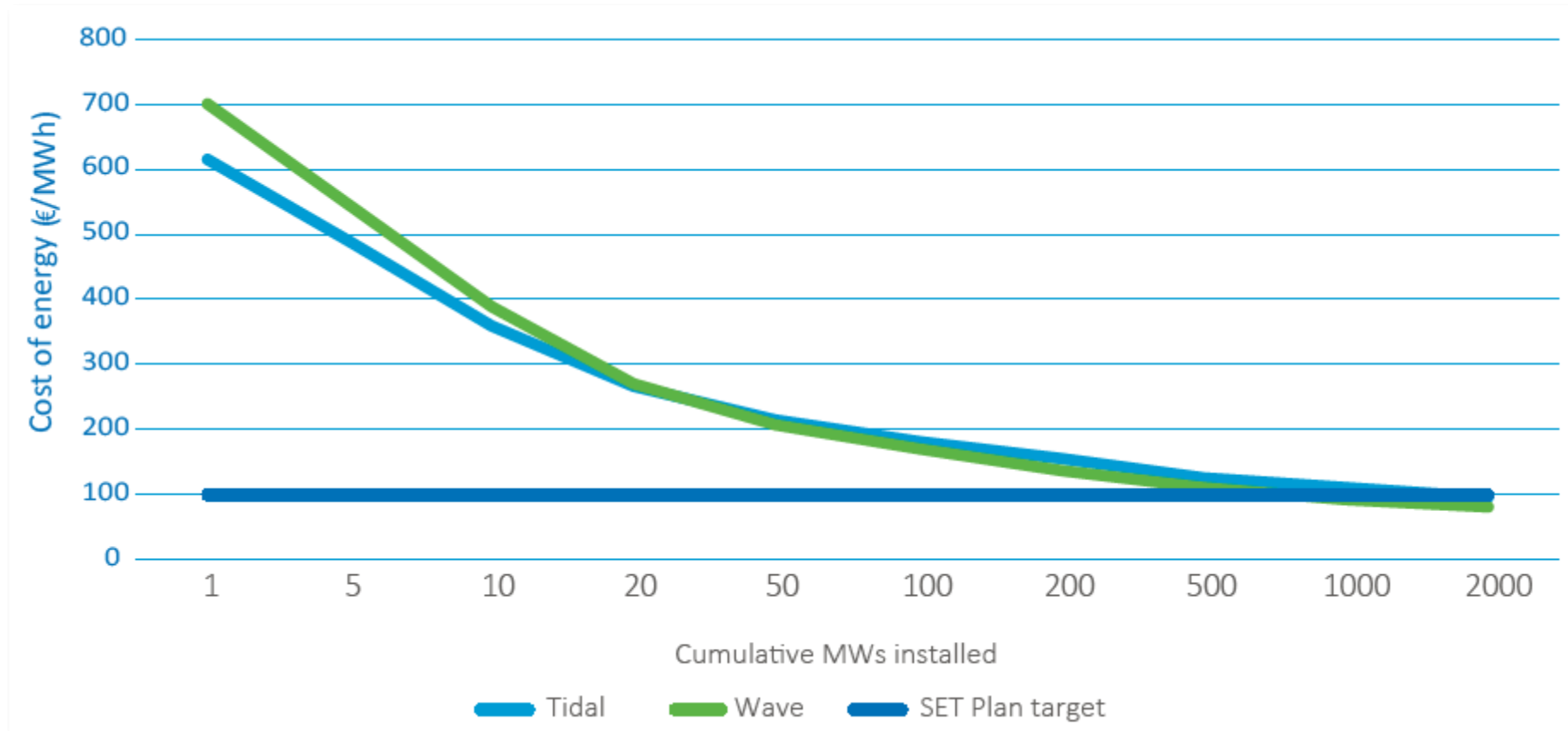
- Large wave farms at utility scale along Atlantic coast
- Smaller farms at utility scale in Mediterranean and North Sea
- Some floating wind co-location
- Exploitation of European + global niche markets (islands + offshore platforms)
- First exports to markets such as US, Chile, India

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capacity
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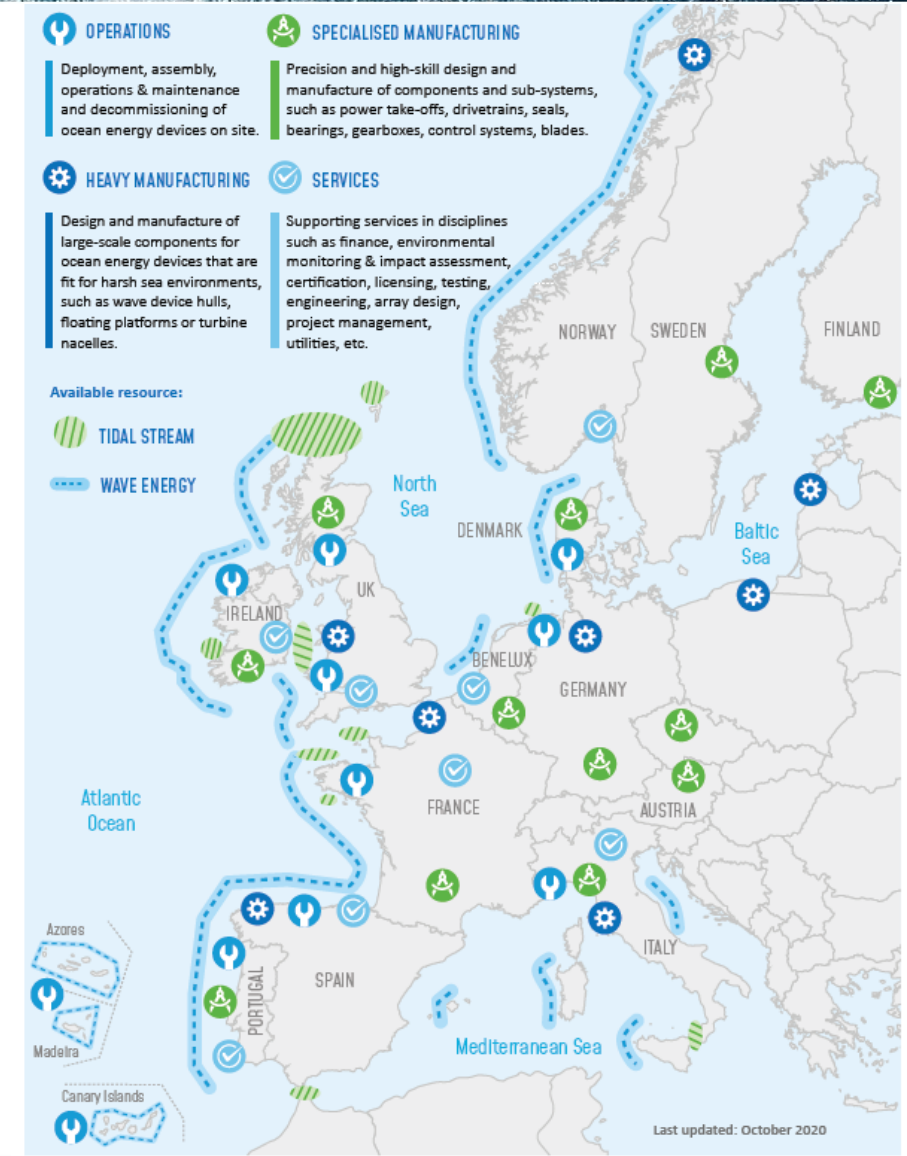
Costs
down to
€110/MWh

Deployments reduce costs dramatically



Opportunities for all Europeans

- Revitalises underused ports and maritime infrastructure
- Uses specialised manufacturing expertise from automobile & aerospace sectors
- Services supplied from across Europe



Solutions are well known

1. Clear + ambitious market signals
 - Attract investors, utilities, large manufacturers
2. Unlock next phase of deployments
 - Accessible revenue support
 - Fit-for-purpose planning + consenting framework
3. Financial instruments to reduce cost of capital
 - Grants
 - Guarantees for loans, equity + insurance coverage
4. Continue technology push
 - R&I activities continue to improve the technology

Thank you!



Rue d'Arlon 63
B-1040 Brussels
Belgium

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