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Floating offshore wind

Norway's next offshore boom?



Offshore Wind EU

Vision 2030

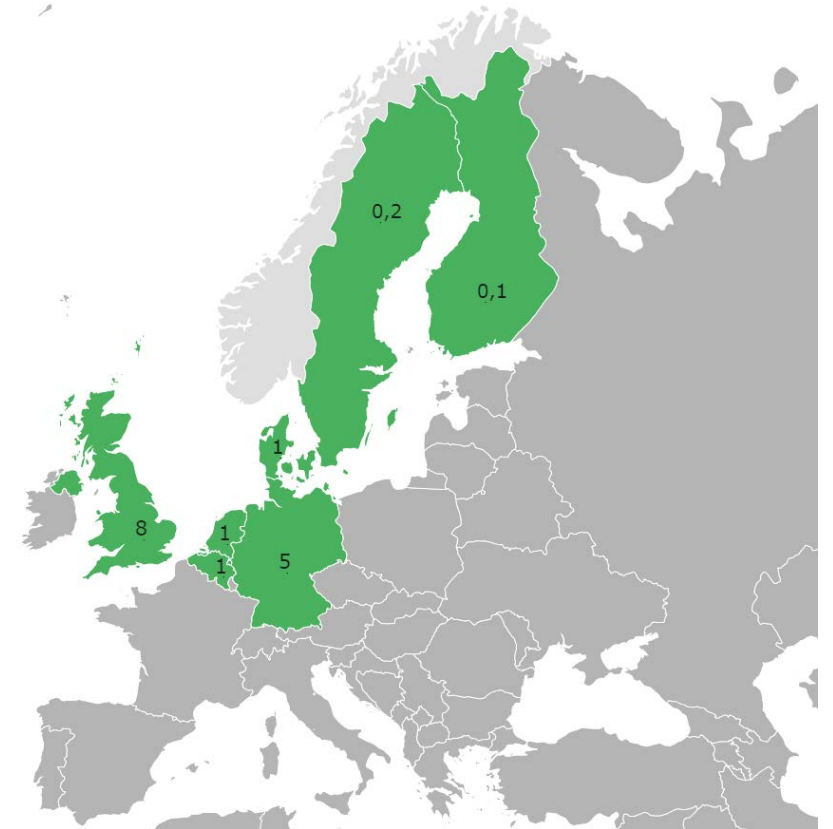
17 GW

June 2018

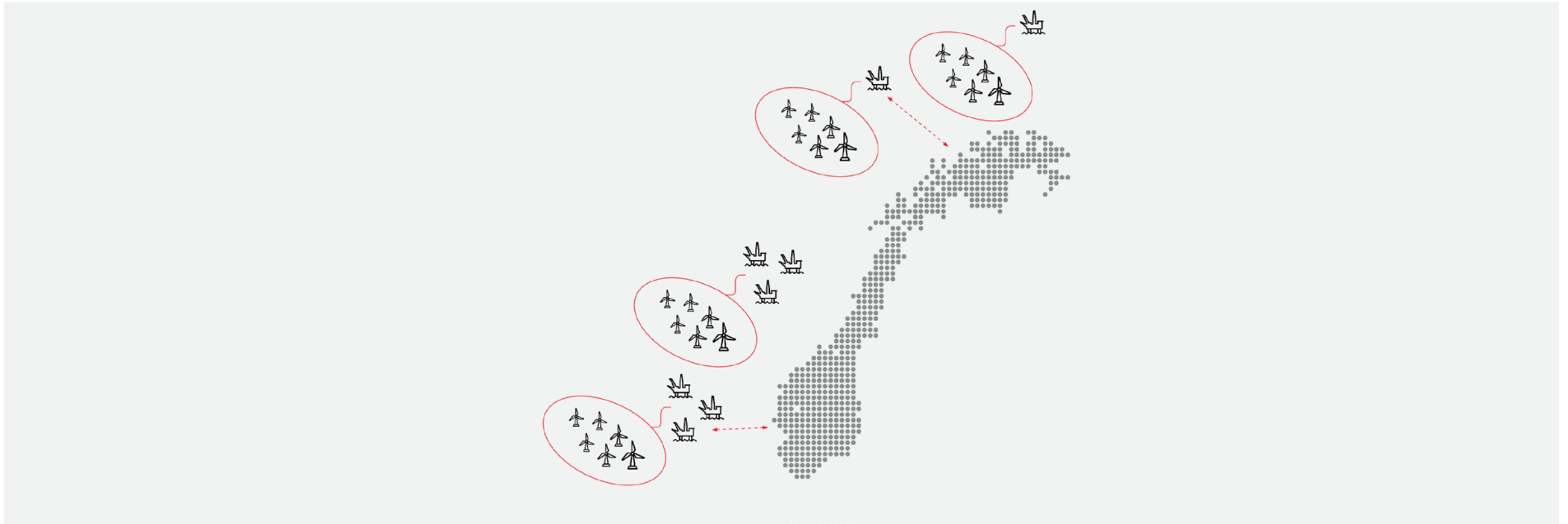
60 GW

Expected 2030

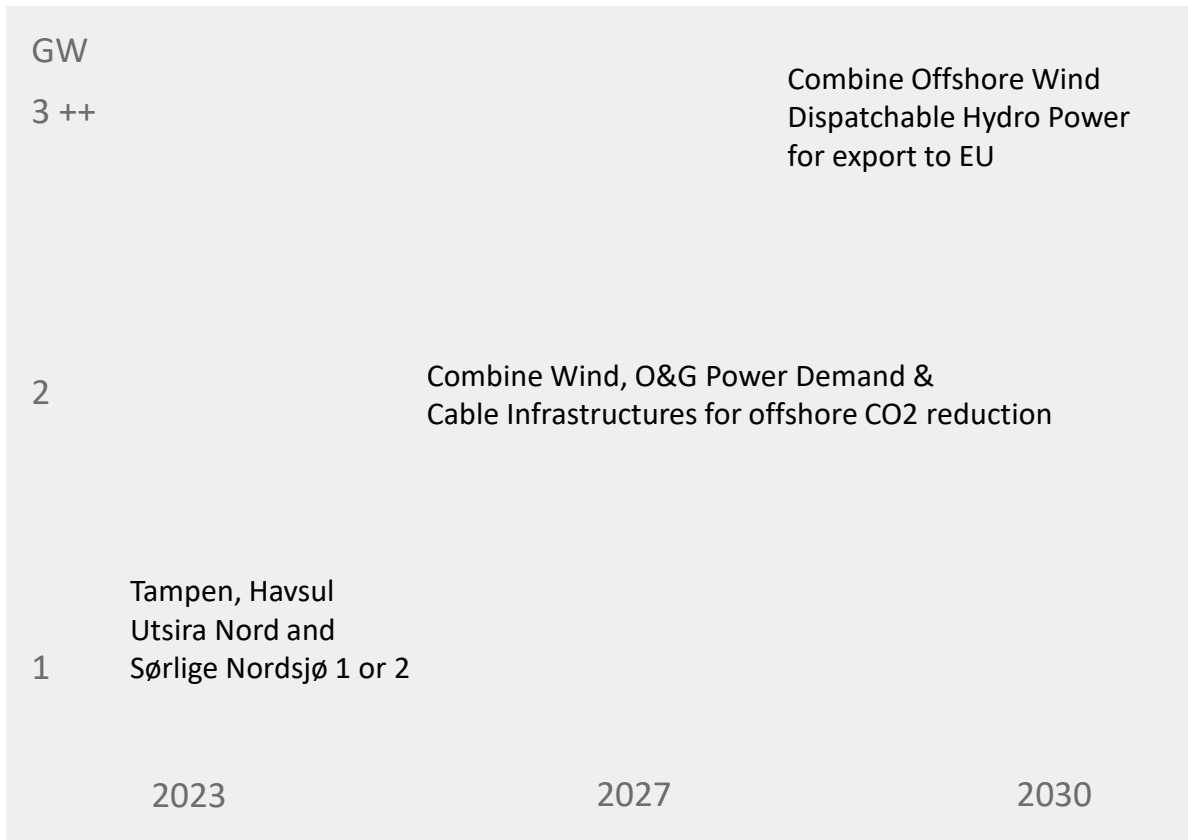
● GW installed



Floating Offshore Wind in Norway?



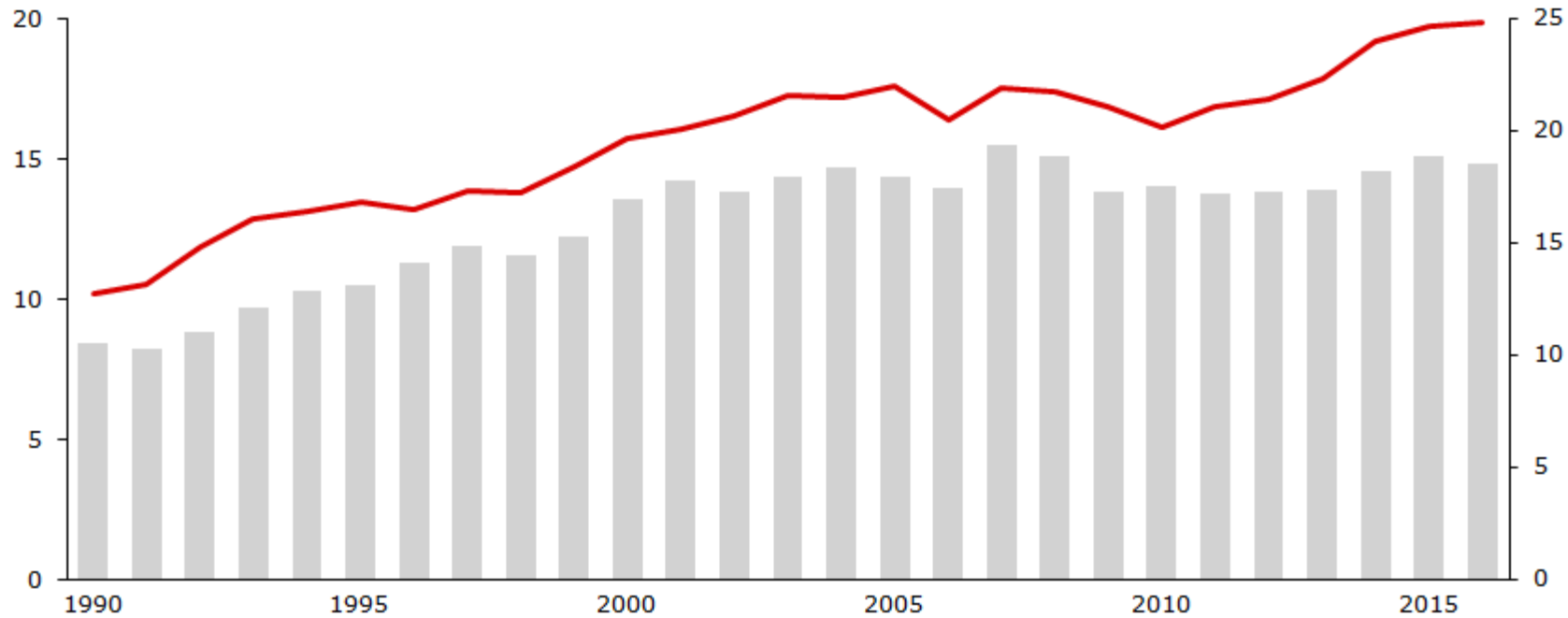
Technology – CO2 Reduction – Employment - Export



O&G industry must reduce emissions

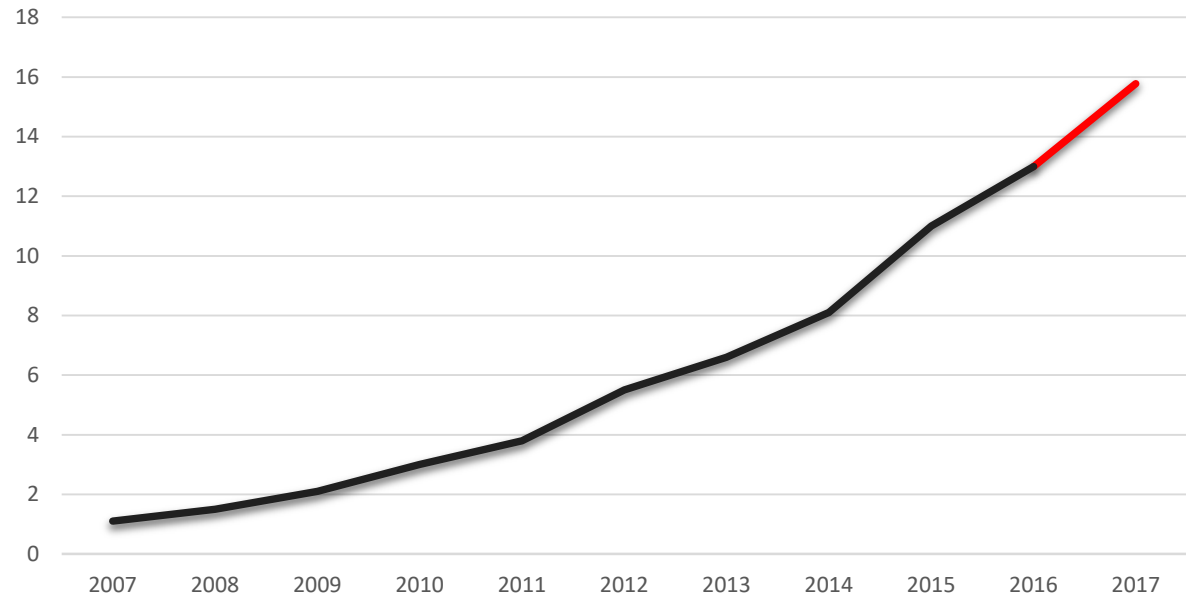
CO2 emissions from O&G industry, Norway
(Million tonnes CO2-equivalents)

Share of total emissions
(%)



Fast growth

Offshore Wind Europe
GW



2030 Roadmap

Political engagement



- Political vision
- Efficient subsidies
- Explore and allocate offshore fields
- Clarify rules and regulations
- Transmission & Infrastructure planning
- Social economic business case

2030 Roadmap

Business case for the society



SCOE – Society's Cost of Electricity

The sum of benefits:

- LCOE –Levelized cost of energy
- Emission reduction
- Employment
- First mover advantage
 - Technology export
 - Energy export

2030 Roadmap

Research community



- Think Big
- Explore the Business Case
- Time is critical
 - Think 2025 - 2030 – What does it take
 - Solve the short-term challenges
- Be even closer to the Industry
- Make it Happen!

ZERO 

ABB