

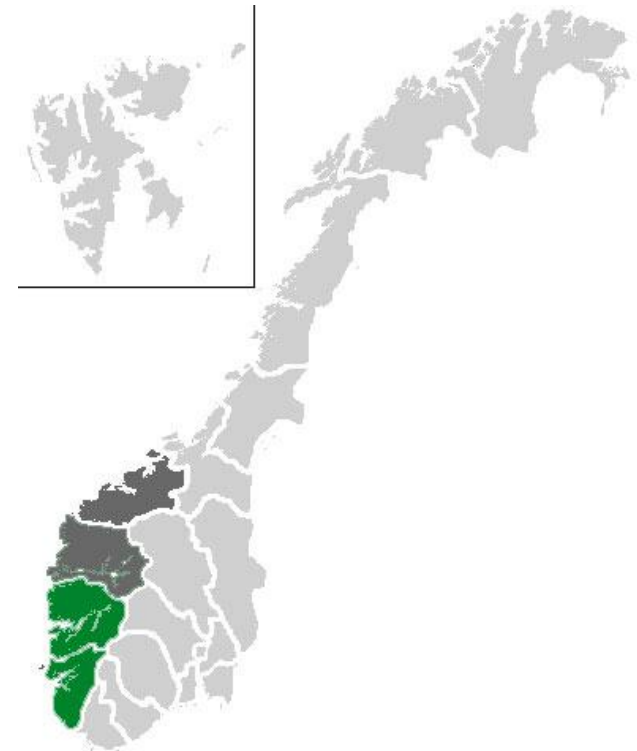


Arena NOW (Norwegian Offshore Wind)

Teknologisk Møteplass
Oslo , 14. desember, 2010
Asle Lygre, Arena NOW

ARENA NOW – West coast of Norway

An industrial cluster of suppliers and operators working together to develop and deliver complete offshore wind power systems



Offshore wind

What can Norway offer?

- 40 years accumulated experience from development and operations of offshore oil & gas installations
- Strong Norwegian oil & gas and maritime industry clusters with global outreach
- Strong renewable energy sector based on hydro power



- » **Norwegian industry is well positioned to service the emerging global offshore wind energy market**

The European Offshore Wind Market – A unique Opportunity

- Offshore wind : Installed capacity grows by 30% annually in Europe!
- Projected installed power by 2020 : 40 GW/150 TWh
- Projected installed power by 2030 : 150 GW/560 TWh
- Offshore wind may cover 15% of EU's electricity consumption by 2030

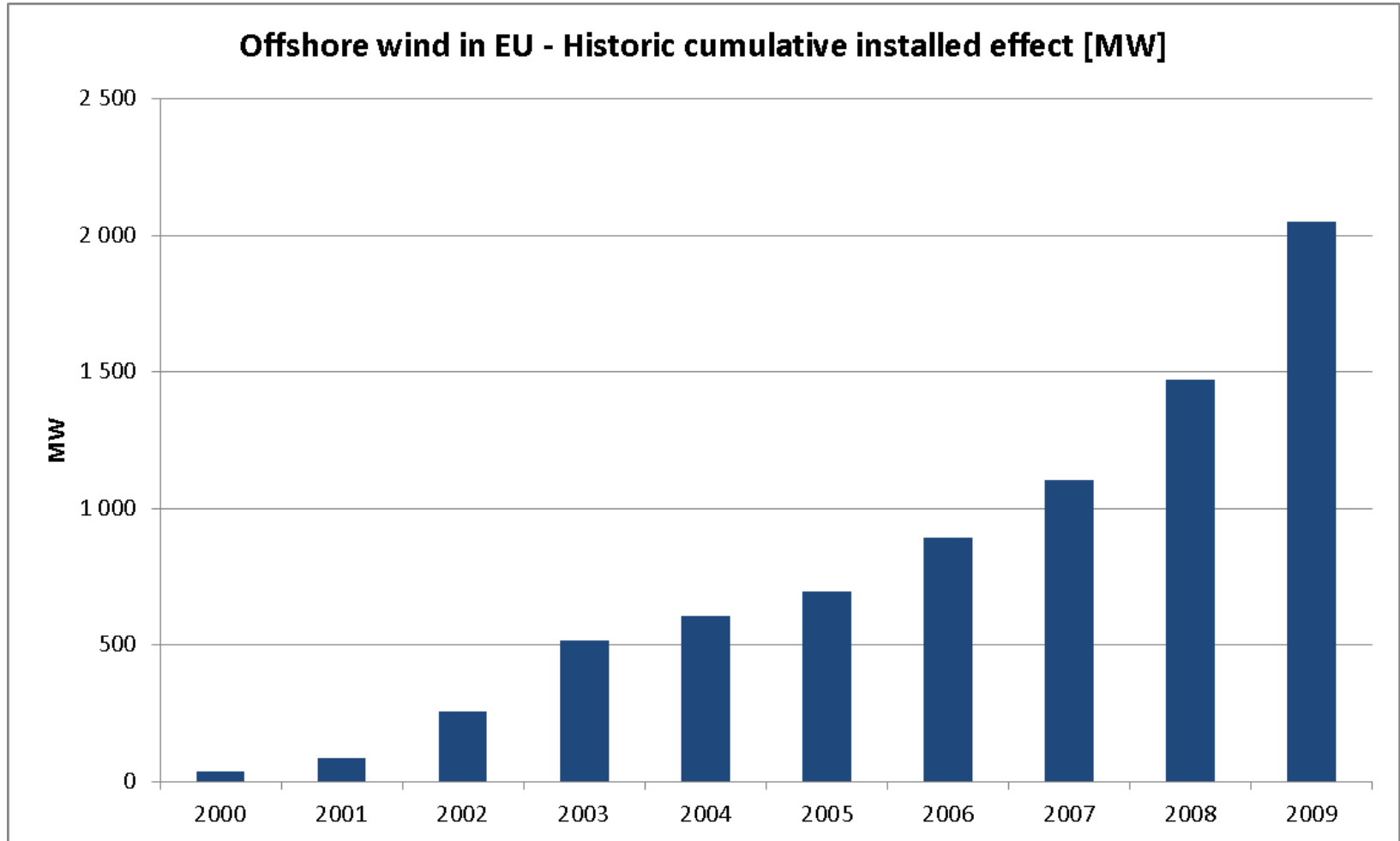
- Close to 10 000 offshore wind turbines to be installed in European Waters from 2010 to 2020

**Strong
Growth!**

- Security of supply
- EU 2020 : 20% from renewables, 20% reduction in CO2 emissions, 20% reduction in energy use
- Feed-in tariffs for electricity produced offshore financed by consumers

Growth
financed by
consumers

Offshore Wind in Europe – It is happening now!



Arena NOW

Member organization



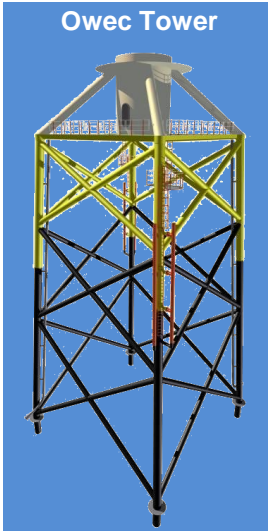
» Currently 31 member organizations

Arena NOW – Examples of offshore wind companies in Arena NOW

Metas



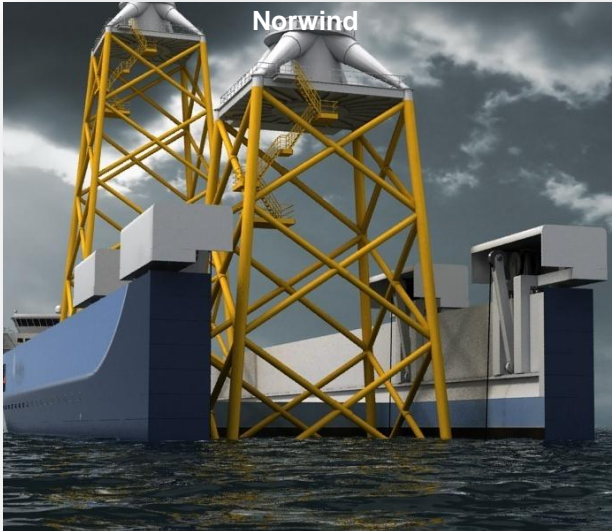
Owec Tower



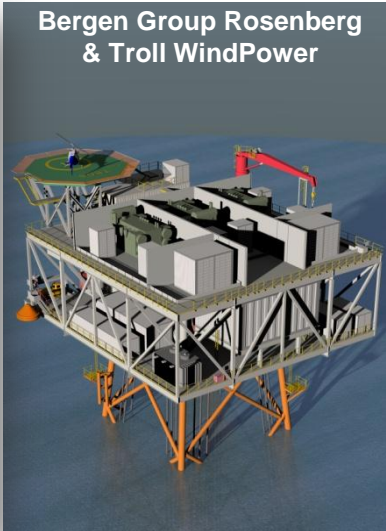
Technocean



Norwind



Bergen Group Rosenberg & Troll WindPower



Eide Marine Services



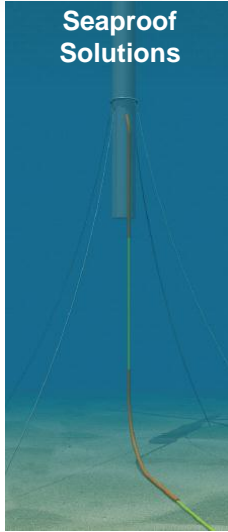
Odfjell Renewable Energy



StormGeo



Seaproof Solutions



Sway Turbine



- Markedet er Europa – ikke Norge!
- Hard konkurranse fra europeisk industri
- Norske leverandører må samarbeide for å lykkes
- Hvordan kan vi trekke på Statkrafts og Statoils erfaringer som utbyggere i Europa?
- Viktig at norske leverandører kommer i leveranseposisjon til Havsul Fase I og Demo Rogaland

Arena NOW

Partners



NorWind
Scandinavian Advanced Technology



arena NOW

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Norsk / Engelsk

SOEK

Become a Member Projects Member index

An industrial cluster of suppliers and operators working together to develop and deliver complete wind power park solutions offshore

Arena Norwegian Offshore Wind (NOW) comprises companies along the entire offshore wind value chain from prospecting and environmental studies via project development, engineering, supply of infrastructure, installation to operation of wind farms. The cluster aim to supply both services and products with a particular emphasis on marine and offshore operations where the Norwegian industry holds a strong position resulting from 40 years accumulated experience from the offshore oil and gas activity in the North Sea.

Activities

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arena NOW

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