

EWEA Offshore 2015

SPEAKERS' CORNER



AALBORG UNIVERSITY
DENMARK

Den Danske
Maritime
Fond

Support Industries for Wind Energy: Shipping & Logistics example

Without funding for R&D of support industries, the wind energy market cannot be realized as planned by governments and developers. Shipping & logistics is one such support industry used as an example in this session, where Q&A is possible.

Tuesday 10th March, 2015, 15:05 PM

Location: Top of Hall A, Bella Center, Copenhagen

FEATURING SPEAKER

Thomas Poulsen, PhD Fellow - Aalborg University

KEY PRESENTATION FOCUS AREAS

- The shipping and logistics market as supporter of the wind energy industry
- EU energy supply security: Key EU priority where wind energy can play a major role
- Job retention in the EU: Key EU priority where the supply chain holds many opportunities and where the shipping/logistics heritage can be further exploited within the EU and globally by EU firms
- Knowledge transfer: Big companies vs SMEs and the role of universities
- Green growth: Dark/green energy spread and ongoing transformation including role of wind and readiness of the supply chain including shipping / logistics
- Know-how, skills, and competencies: Industry growth and role of universities in creating the needed work force in fully educated condition, including land transport / port workers / seafarers willing and able to work globally
- SME/conglomerates conundrum: How to maintain an entrepreneurial approach whilst balancing the need for economies of scale and mitigating financial risk for e.g. large offshore wind megaprojects

Basis both the binding 2020 and 2030 emission reduction and renewable energy transformation targets of the EU, Horizon 2020 offers a unique opportunity for authorities, knowledge institutions, and the private sector to jointly define a path forward in terms of effective collaboration efforts able to reduce the levelized cost of energy for onshore as well as offshore wind power. Achieving cost parity with other energy forms incl. nuclear power and traditional dark fossil fuels would enable EU to build a sustainable and secure wind energy supply.

As countries like the UK, Germany, France, the Netherlands, and Belgium are realizing their offshore wind plans following the leading edge of Denmark dating back to the 1990's, the European wind energy supply chain holds a strong promise to generate employment for EU citizens within the EU due to the size, scale, and complexity of particularly the offshore wind farm megaprojects.

Time has now come to ensure that Horizon 2020 also actively provides funding opportunities for the industries that support the rapidly developing wind market. In this speakers' corner session, PhD Fellow Thomas Poulsen from Aalborg University debates the role and potentials of the support industries of the wind market. To exemplify such support industries, the shipping and logistics support industry will be presented with the purpose of addressing the pressing need for substantial cost reductions in especially the offshore wind sector.

