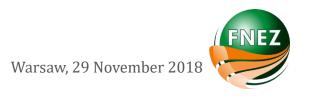


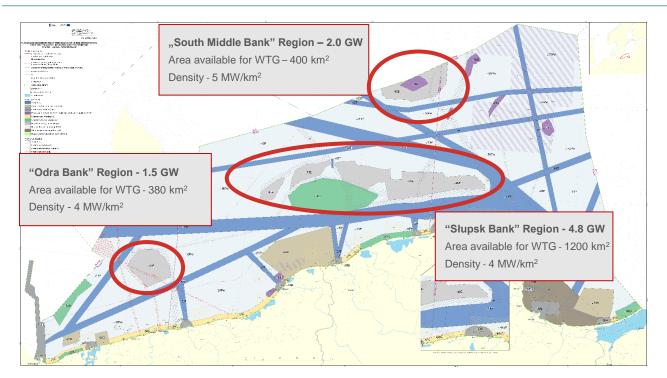
Polish Offshore Wind. Perspectives for the utilities and the suppliers

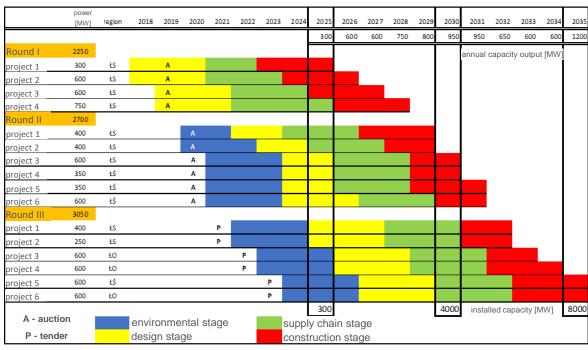
Mariusz Wójcik Foundation for Sustainable Energy



Offshore wind energy in Poland OWE potential







- Approx. 2,000 km2 area dedicated for OWF development based on draft of spatial plan for maritime areas
- 4 5 MW/km2 forecasted density (conservative approach)
- **8 GW** real market potential in the perspective of the year 2035

Offshore wind energy in Poland Supply chain



Supply chain

- Poland one of the key markets in the Baltic Sea until 2030
- Considerable industry potential
- After 2030 new market in Sweden and Baltic states will be unlocked.



Inner array cables 2 000

2 800

Export cables

Subsea cables



foundations

700 items

30 stations

1 GW in OWF

200 th. tonnes of steel,

22,5 th. tonnes coal,

6-8 th. tonnes of copper



Vessels

cable laying: 4 vessels* installation: 2 vessels*

O&M: 20 vessels*

- solely for installation and servicing of 8 GW



Offshore stations

Offshore wind energy in Poland Current developments



Minister for Maritime Economy expressed support for offshore wind energy at BEIF 2018 (Feb 2018)

PGE announces plans for 2,5 GW until 2030

Other state owned utility companies expressed interest in offshore wind

Announcement of the offshore act

















Statoil enters the Polsih market by partnering with Polenergia Orlen announces a tender related to offshore wind energy Polish TSO (PSE S.A.) - possible connection of 4 GW by 2030 and 8 GW by 2040 in OWE. Possible interconnection Draft Polish Energy Policy with a goal of 10 GW by 2040 for offshore wind



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