



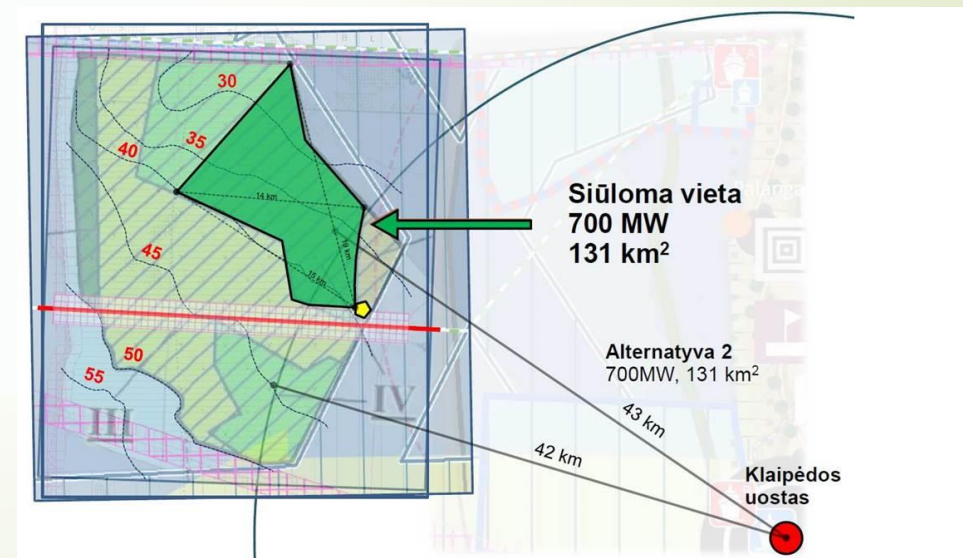
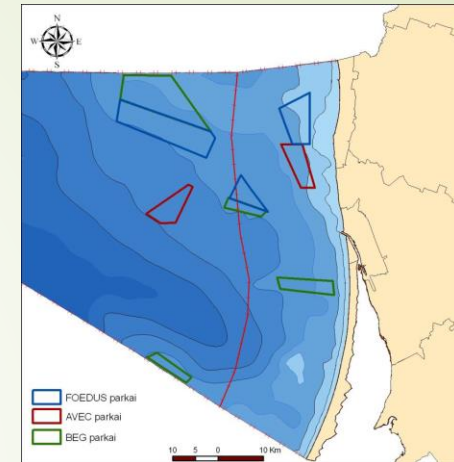
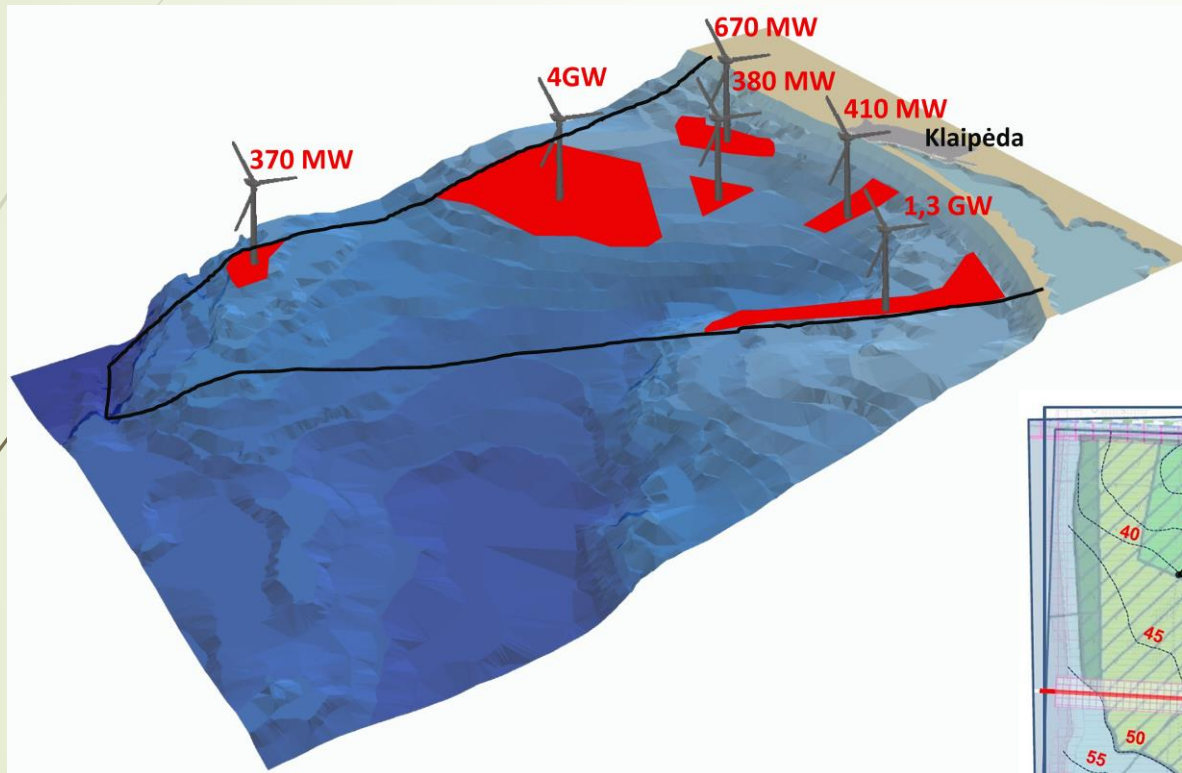
AVEC-400 offshore wind power

Initial data



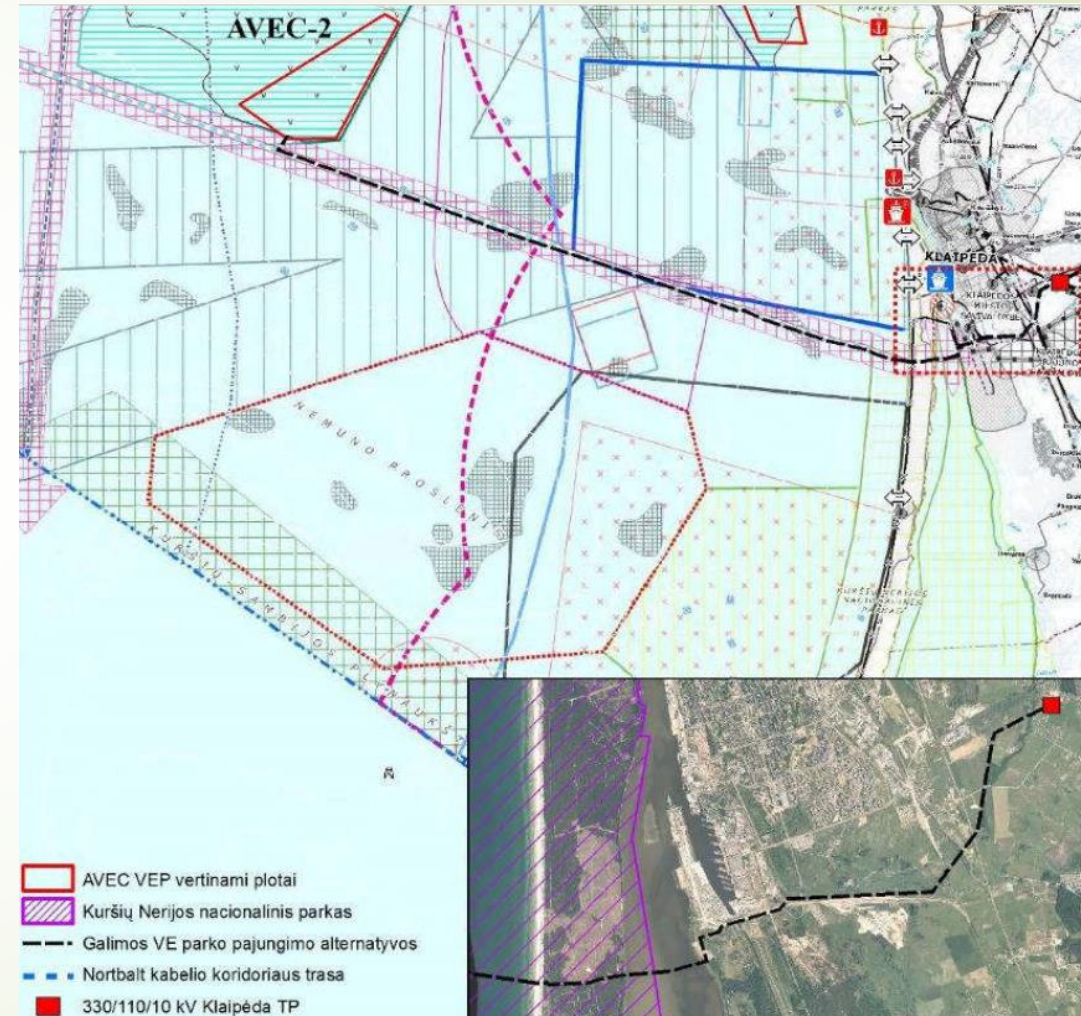
EKSPONENTE
Sustainable Innovations

Developing OWE plots in Lithuania



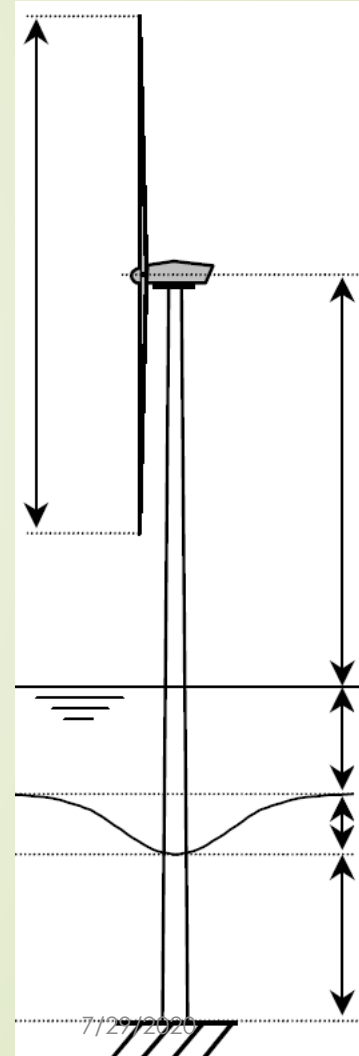
AVEC-400 technical data

- Area, km² – 38,3
- Depth, m – 41- 52
- Wind speed, m/s – 9,7
- Distance to port, km – 34,6
- Wind turbines, MW – 7-14
- Foundation, type – jacket
- Initial capacity, MW – 400
- Environment assessment report approved in 2017



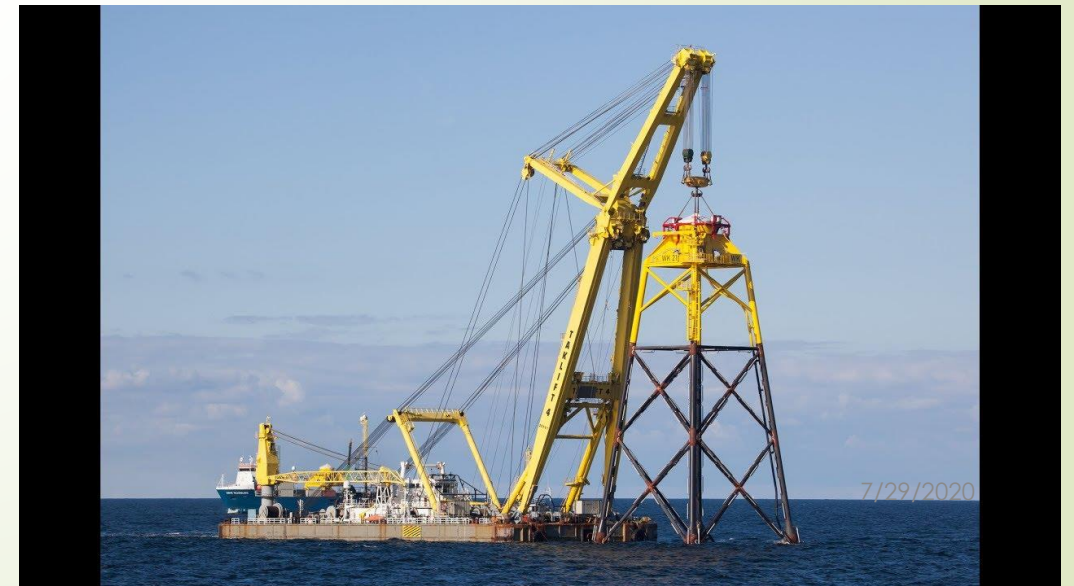
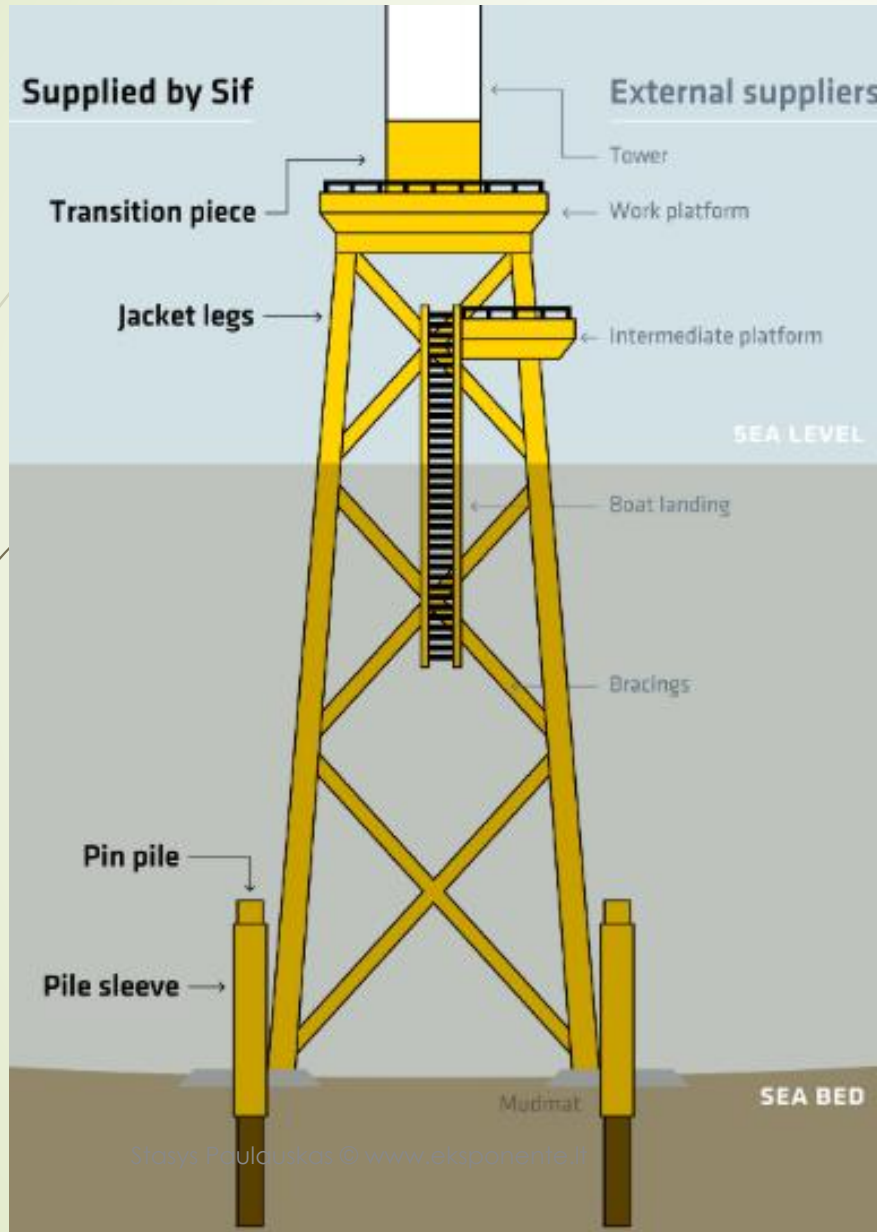
Siemens Gamesa SG 14-222 DD turbine

- Nominal capacity, MW – 14
- Rotor diameter, m – 222
- Blade length, m – 108
- Hub high, m – 120
- Swept area, m² – 39000
- Power regulation – Pitch-regulated, variable speed
- Drive – direct
- Control – remote
- Technical maintenance – sensors

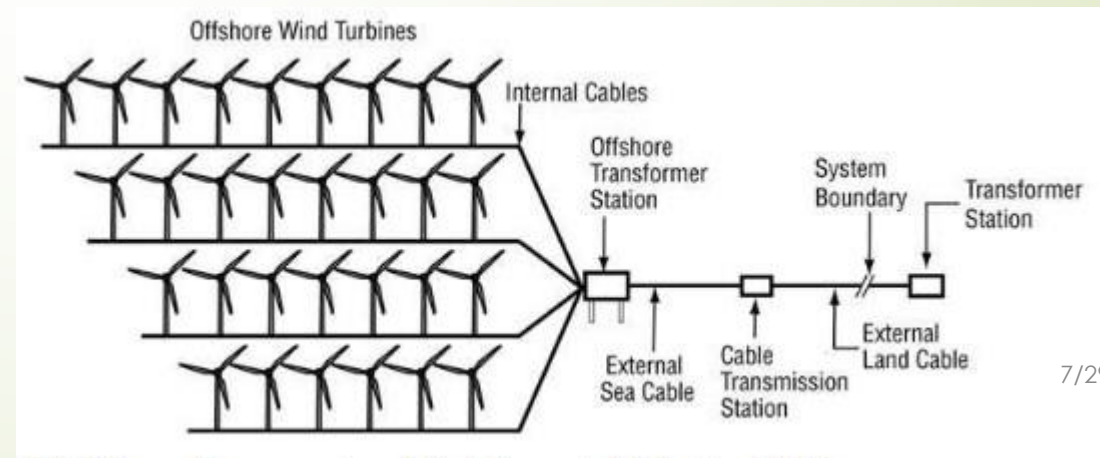


Jacket foundation

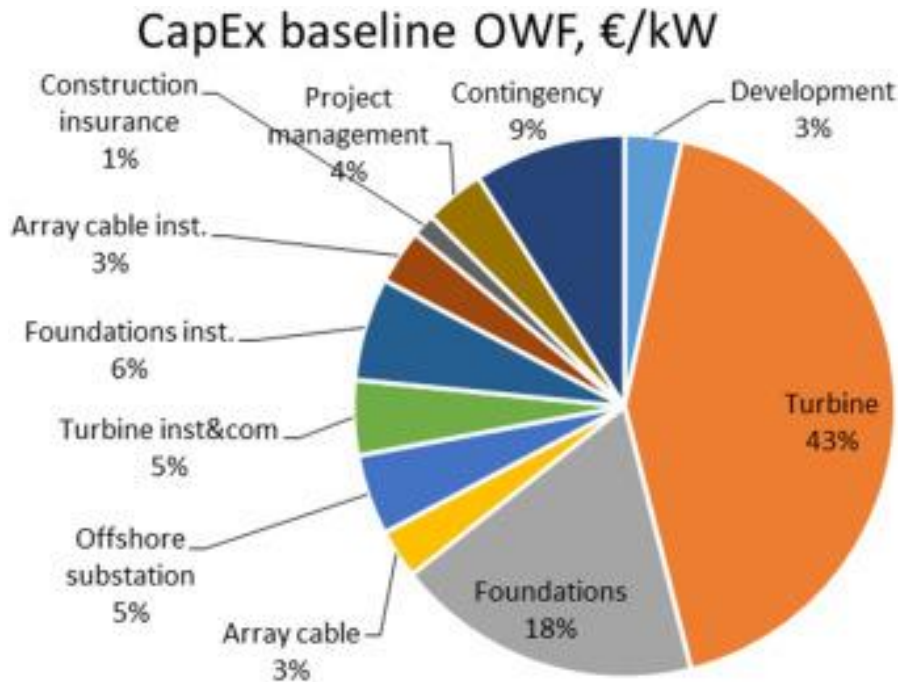
5



Grid connection

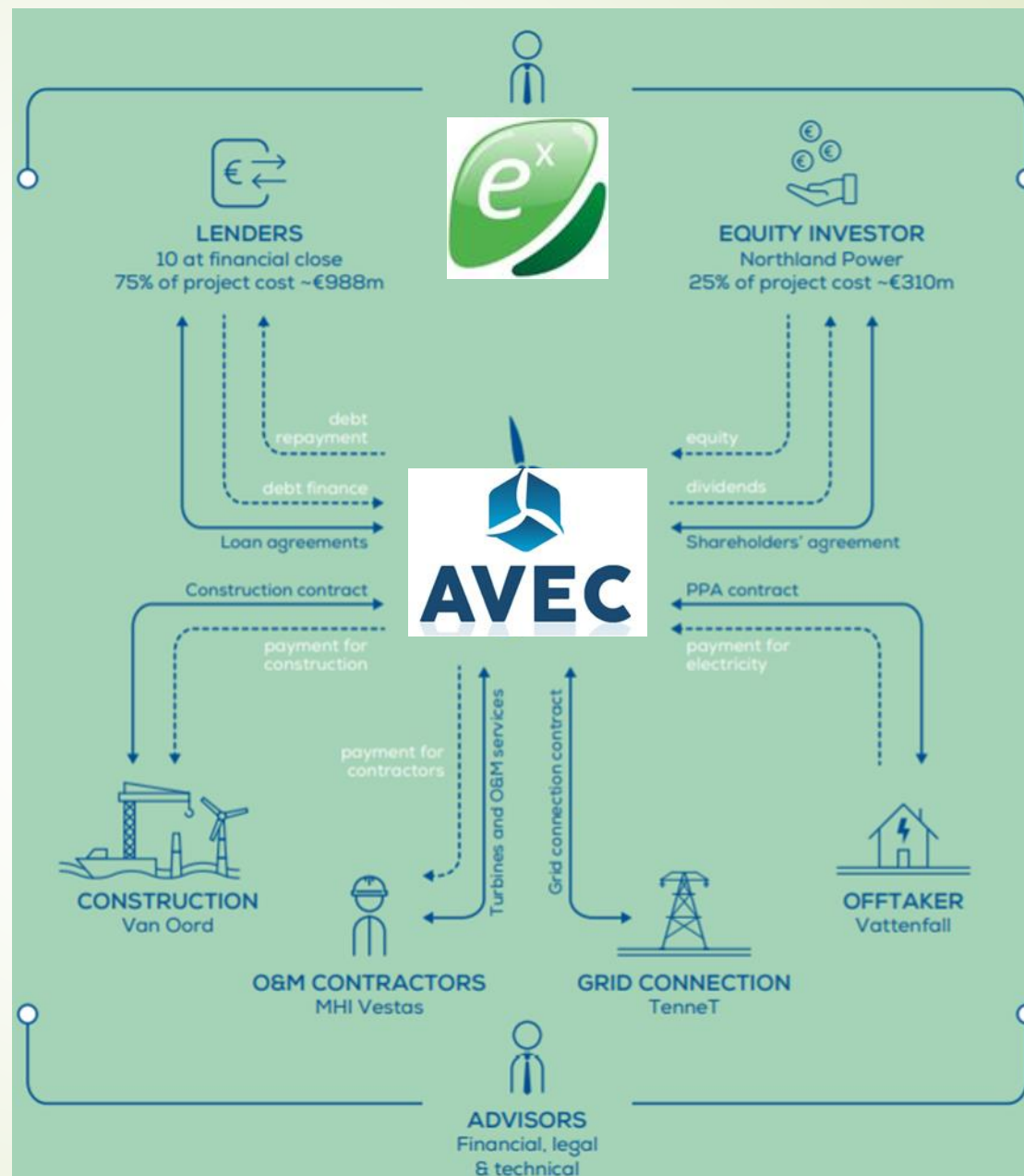


Initial costs



- Capacity, MW – 400
- Capacity factor – 0,58
- Production, annual, TWh – 1,86
- Investments, M€ /1MW – 2
- Investments, M€ – 800
- Loan, 75%, M€ – 600
- Investors, 25%, M€ – 200

Initial links



Let's cooperate!

