# Floating Offshore Wind Turbines

Designing for commercial scale

Fons Huijs April 21, 2022

GustoMSC | N9Y

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### Agenda

- GustoMSC & NOV
- Design
- Manufacturing
- Installation
- Operation
- Maintenance

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## Pioneers don't tell stories, they write history



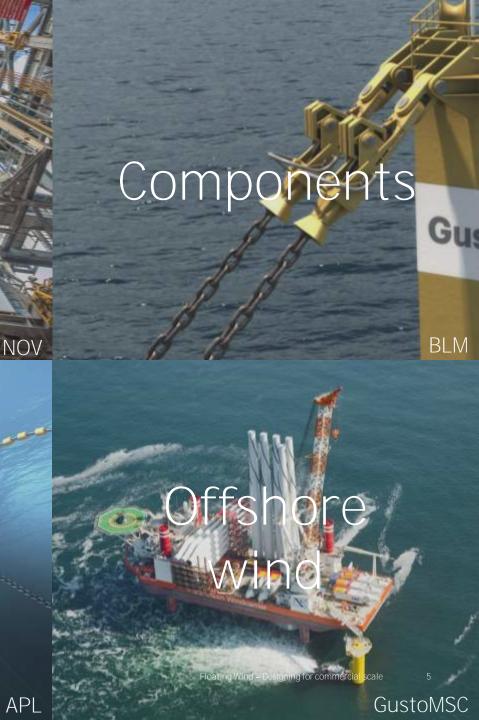






Global supply

chain



NOV Max™

APL

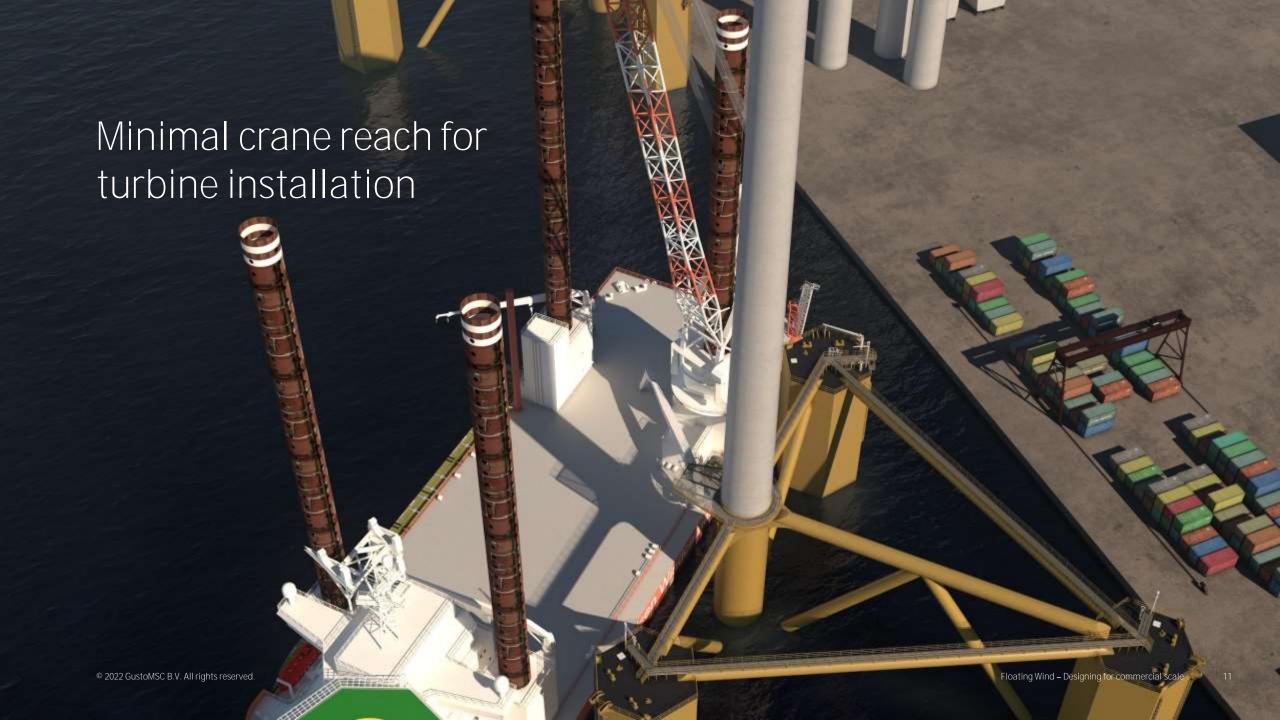




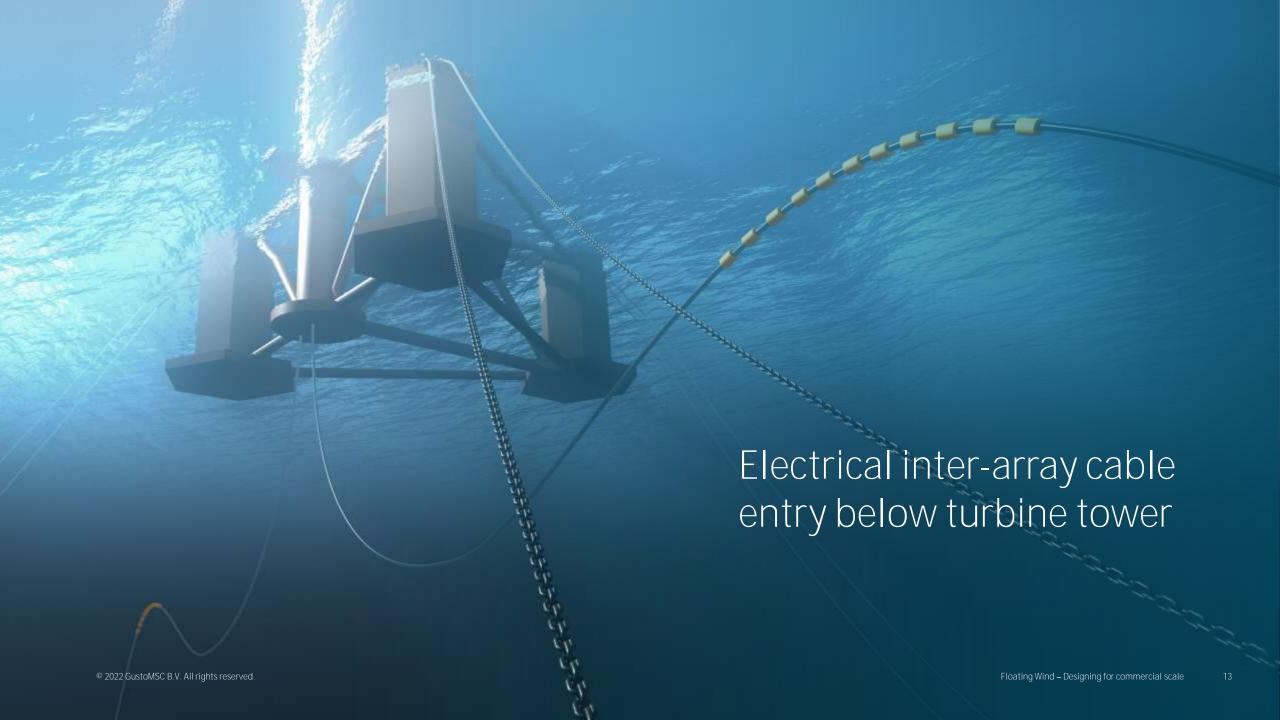












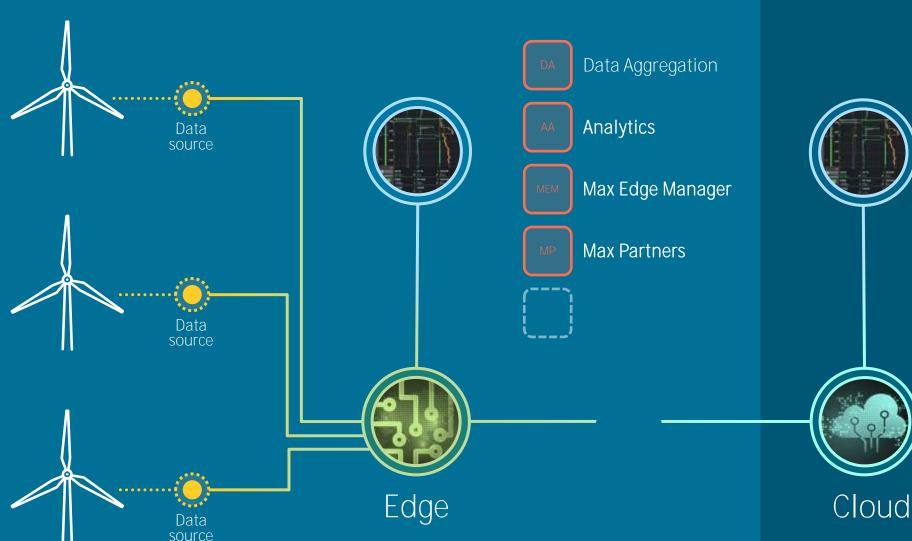






#### Max<sup>™</sup> Digital Ecosystem

#### Wind Farm





Data Visualisation









Monitoring and predictive maintenance

Moving to commercial scale poses specific design requirements:

- manufacturing by the existing supply chain
- efficiency installation
- operational performance
- low maintenance

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