



Company update

8 June 2021 | Torgeir E. Ramstad | CEO



© OHT ASA

Creating a leading Offshore Wind T&I Contractor

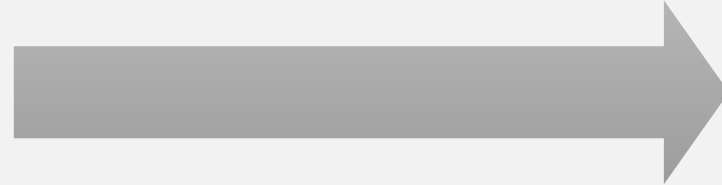
A growth story from ~80% reliance on O&G to complete exit in 10 years

Oil & Gas

Offshore Wind

Transportation

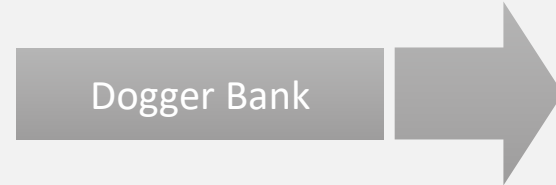
Five Heavy Transportation Vessels



Foundations

Installation

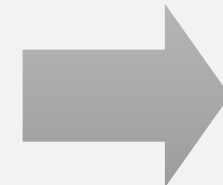
Alfa Lift under construction
Alfa Lift 2 under consideration



Foundations

Installation

VIND 1 under construction
Options for three more



Turbines

2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026

Renewable share:

0%

50%+

95%

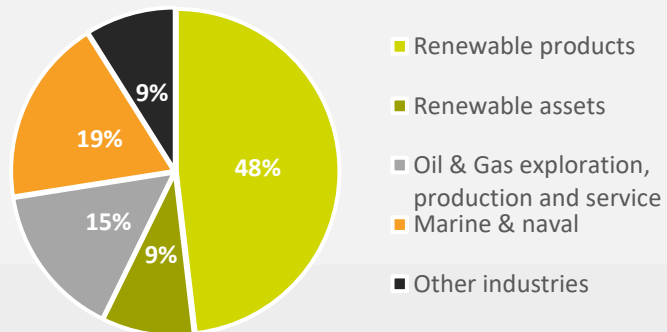
Exit O&G

Transportation

Status operations and contracts

- Markets continue to be affected by hesitation to commit due to Covid-19 restrictions, but activity levels and pricing continue to show improvements as predicted.
- YTD utilisation in Q1 was 90% and is rising.
- All five vessels were fitted with exhaust gas scrubbers in 2019 to a total Capex of \$11.4 million. Savings on fuel cost compared to using Low Sulphur Fuel Oil 0.5% stands at \$8.9 million or a payback of 78% so far.

Revenue per cargo category (Apr. 20 - Mar. 21)



Albatross with WTIV "Apollo" on the way to China.
Image courtesy Piet Sinke.

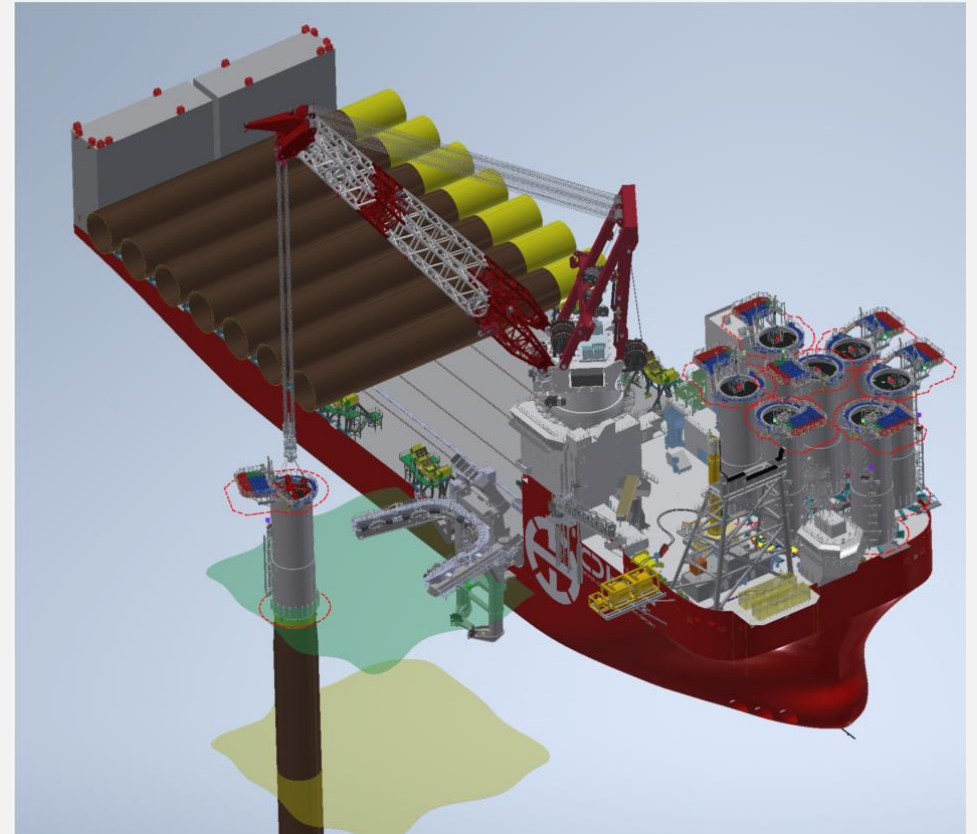


Falcon with offshore wind jack-up barge "JB118" on the way to China.

Installation

Dogger Bank A and B projects

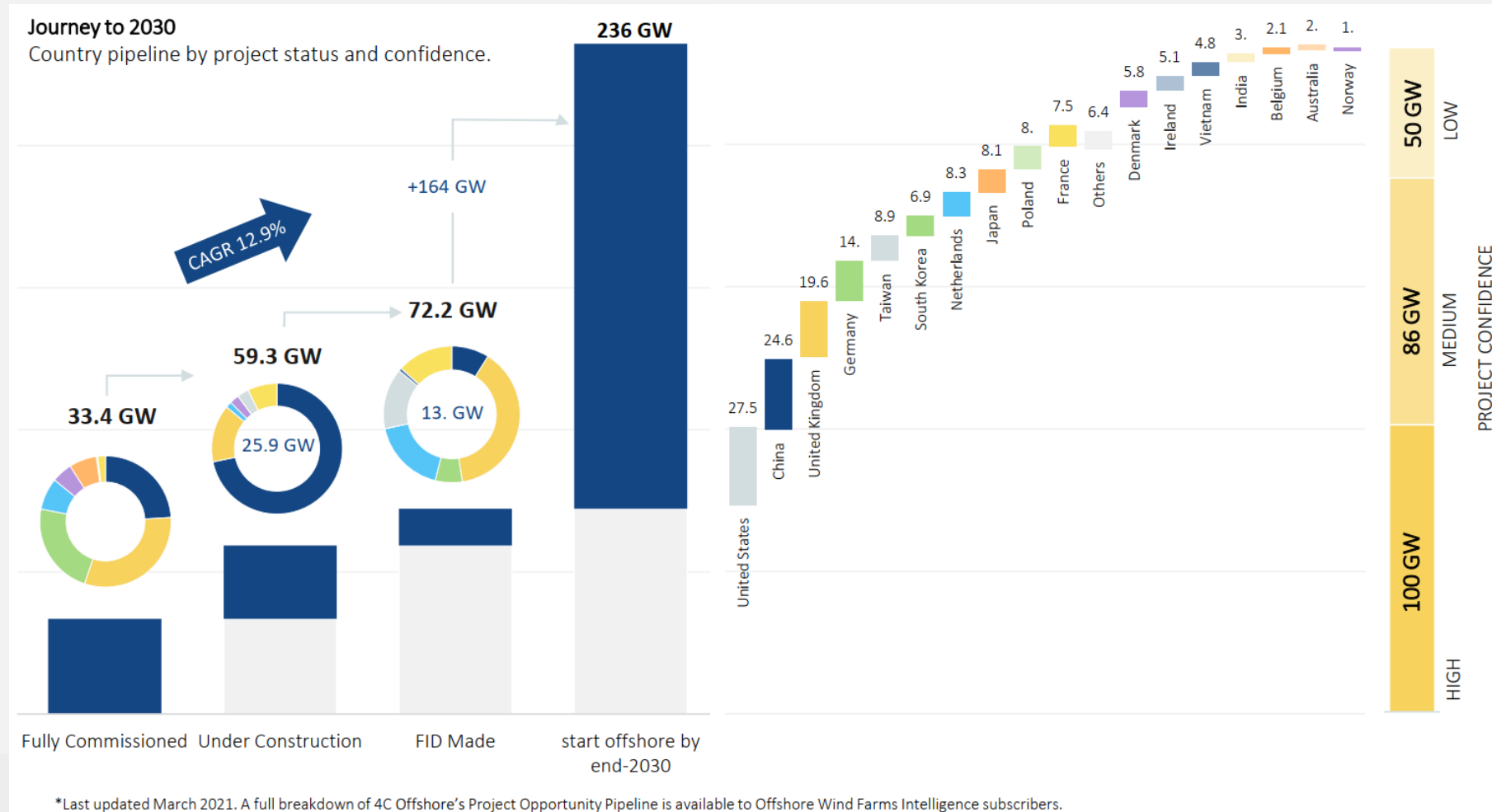
- The scope is to install 190 foundations on the world's largest windfarm
- The Dogger Bank A and B projects are in detail design and showing good progress.
- We have placed a major subcontract for the rental of the piling hammer with Menck GmbH.
- Other subcontracts for grillage and lifting equipment have been placed or are imminent.
- No undesired incidents and the Client relationship remains good and constructive.
- Start offshore construction in Q3 2022 – completion in time for the busy 2024 season.



Alfa Lift installing a Transition Piece following Monopile installation.

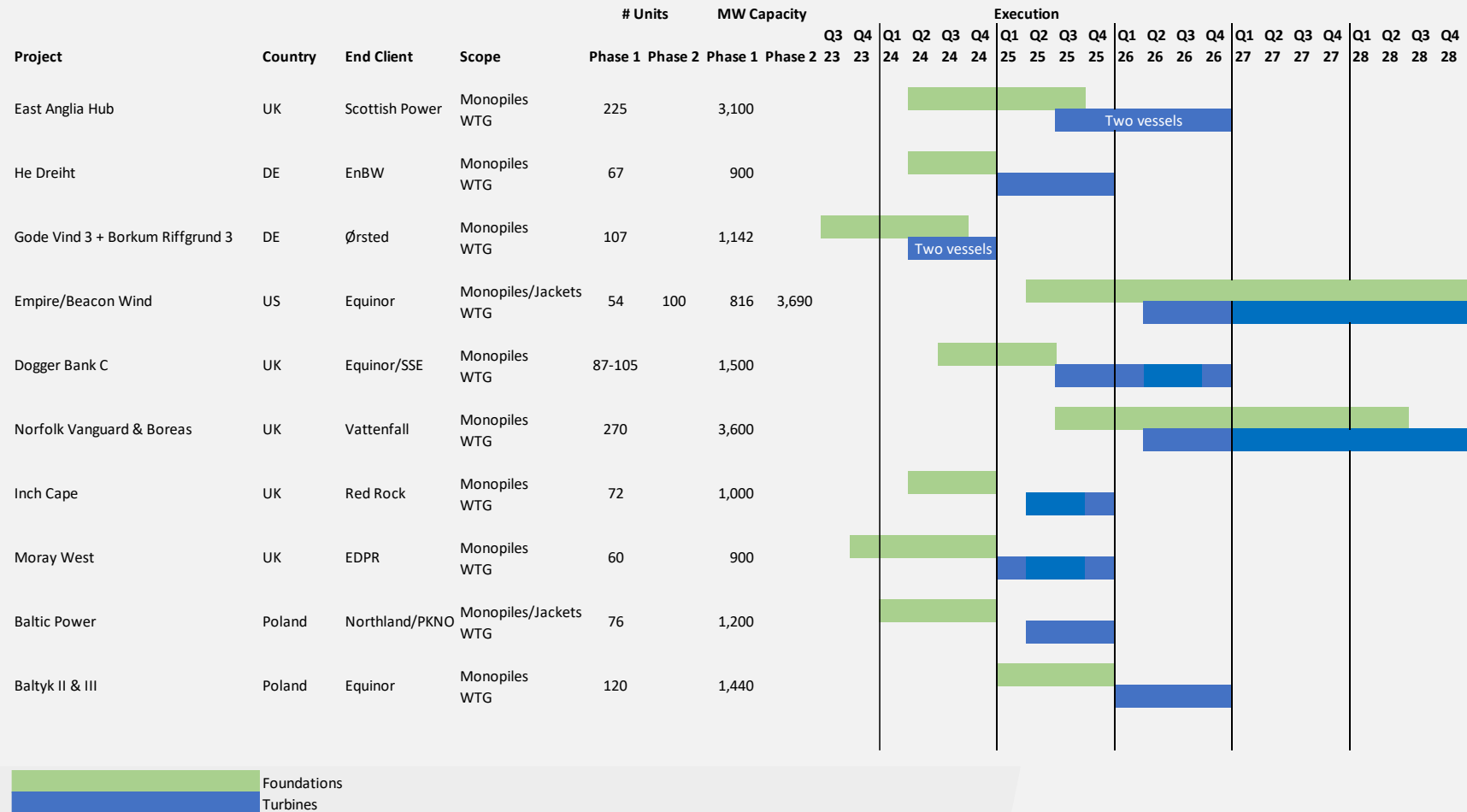
Market forecasts to 2030 continue to grow

Bottom-fixed accounts for approx. 95%



Selected projects in the market

Around 1,800 units to be installed globally in 2024 (excl. China)



Market fundamentals

The size of the WTG installation market is not governed by the number of projects and WTGs scheduled to be installed in any given year.

It is governed by the number of foundations successfully installed in the previous year...

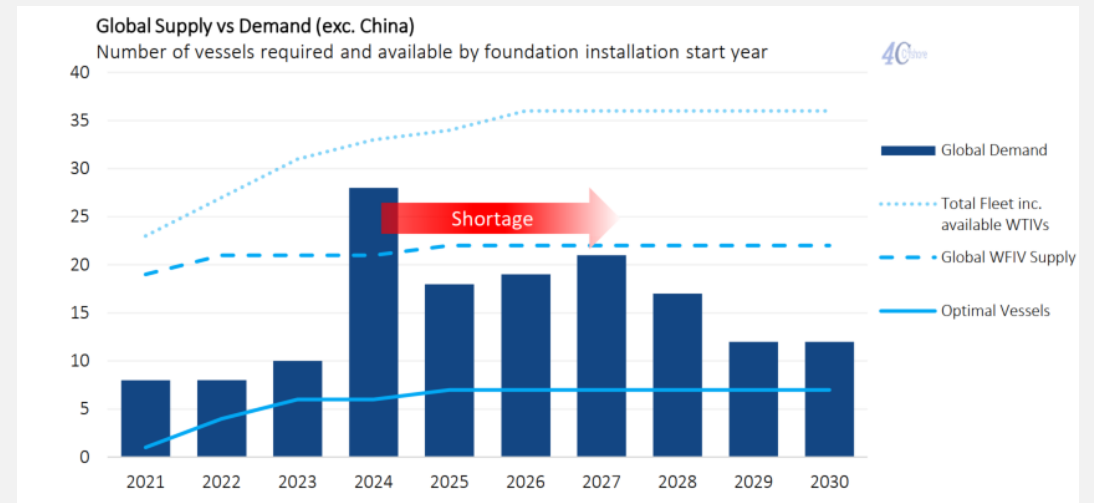


4C: Only one existing vessel considered “optimal” for MP installation

No. of “optimal” newbuilds count six, however some will focus on WTG installation

Newbuilds

| Name ¹ | Operator | Status | Delivery | Lift Capacity ² | Market | Installation capability | | Monopile Installation ⁴ | | Mission Equipment ⁵ |
|-------------------|-------------|--------------------|----------|----------------------------|--------|-------------------------|---------------------|------------------------------------|----------------|--------------------------------|
| | | | | | | WTIV | Jacket ³ | 1500 t | 2000 t | |
| Alfa Lift * | OHT | Construction | Q4 2021 | 3000 | | | X | X | X | ✓ |
| Les Alizes * | Jan de Nul | Construction | 2022 | 5000 | | | X | X | X | ✓ |
| Voltaire * | Jan de Nul | Construction | 2022 | 3000 | | X | X | X | X | ✓ |
| NG-20000X-G 1 | Cadeler | Order expected | 2024 | 2000 | | X | X | X | X | |
| Alfa Lift 2 | OHT | Order expected | 2025 | 3000 | | | X | X | X | Likely |
| NG-20000X-G 2 | Cadeler | Order expected | 2025 | 2000 | | X | X | X | X | |
| Charybdis * | Dominion | Ordered | 2023 | 2200 | US | X | X | X | | Likely |
| Eneti WTIV * | Eneti Inc | Ordered | 2023 | 1500 | | X | X | X | | Likely |
| JU VIND 1 * | OHT | Ordered | 2023 | 2500 | | X | X | X | | ✓ |
| Bokalift 2 * | Boskalis | Under Construction | 2021 | 4000 | | | X | | | |
| Green Jade * | CDWE | Under Construction | 2022 | 4000 | TW | | X | X ⁶ | X ⁶ | |
| Bold Tern (U) * | Fred. Olsen | Upgrade ordered | 2022 | 1600 | | X | X | | | |
| Tbd * | Penta-Ocean | Ordered | 2022 | 1250 | JP | X | X | | | |
| Tbd * | Shimizu | Under Construction | 2022 | 1250 | JP | X | X | | | |
| Tbd * | Obayashi | Ordered | 2023 | 1250 | JP | X | X | | | |
| Wind Orca (U) * | Fred. Olsen | Upgrade ordered | 2024 | 1600 | | X | X | | | ✓ |
| Wind Osprey (U) | Fred. Olsen | Order expected | 2025 | 1600 | | X | X | | | ✓ |

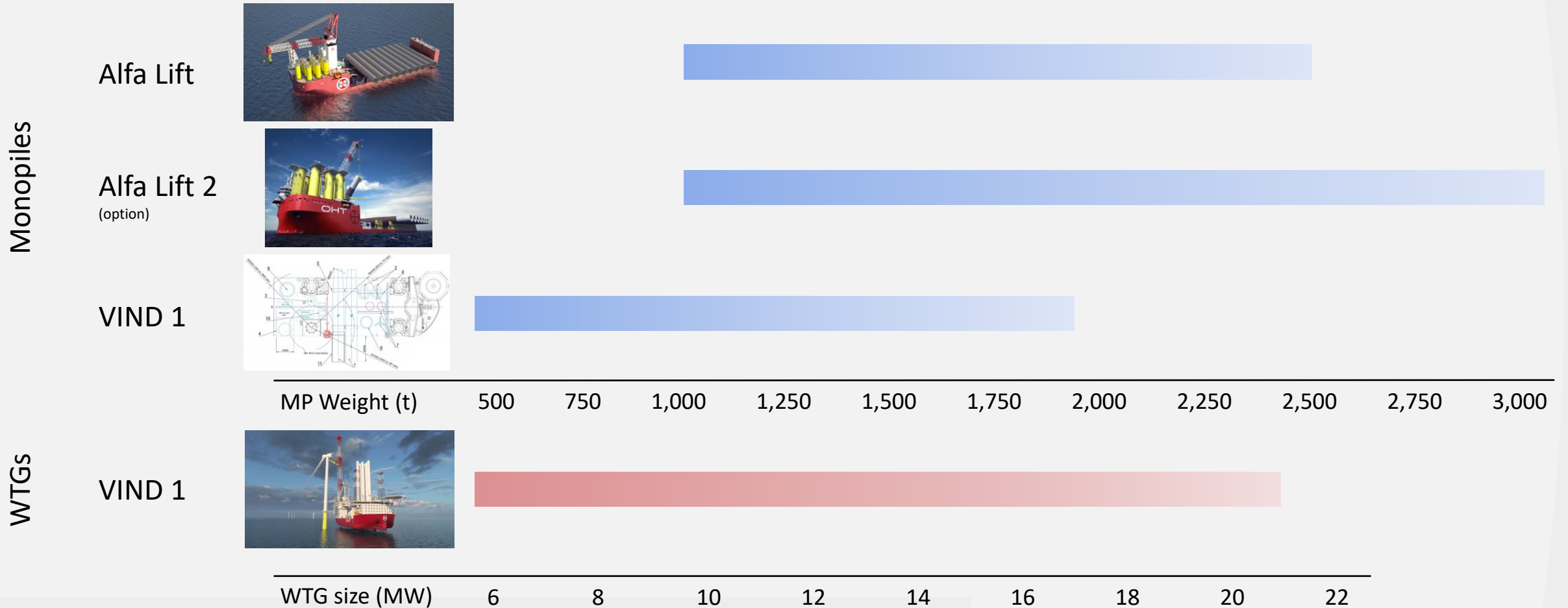


Developers who are forced to use suboptimal vessels could face similar schedule and cost issues as seen in Taiwan lately.

Source: Installation Vessel Supply and Demand: Analysis to 2030 by 4C Offshore

Capability range for different types of products

Precise limits depend on various other design parameters



Actively reducing footprint

Examples:

- The transportation fleet is already the most fuel efficient in the industry.
- Choice of solutions for Alfa Lift will reduce greenhouse gas emissions even when compared with LNG.
- VIND jack-ups will emit 20% less than a conventional jack-up performing the same work

| | Transportation fleet | Alfa Lift | VIND |
|---------------------------------|--|--|---|
| Design | - | <i>Ulstein DNV Clean Design</i> | <i>GustoMSC NG-14000XL-G DNV Clean Design</i> |
| Fuels | <i>HSFO/MDO</i> | <i>HSFO/MDO – future Bio-fuel</i> | <i>MDO - future H₂</i> |
| SOx | <i>Open loop scrubber</i> | <i>Hybrid scrubber</i> | <i>Low sulphur fuel</i> |
| NOx | - | <i>SCR - Tier III</i> | <i>SCR - Tier III</i> |
| Greenhouse Gas Emissions | <ul style="list-style-type: none"> • <i>Optimized hull design</i> • <i>World's most energy efficient type machinery</i> • <i>Shore power</i> • <i>Active weather routing</i> • <i>Waste heat recovery</i> | <ul style="list-style-type: none"> • <i>Hybrid battery</i> • <i>Optimized hull design</i> • <i>MAN CR Ecomapping</i> • <i>Kongsberg automation</i> • <i>Shore power</i> | <ul style="list-style-type: none"> • <i>Hybrid battery</i> • <i>Optimized hull design</i> • <i>Future Hydrogen fuel</i> • <i>Siemens DC electrical system</i> • <i>Regeneration of energy from crane and jacking</i> • <i>Waste heat recovery</i> • <i>Shore power</i> |
| Other | <i>Ballast water treatment</i> | <i>Ballast water treatment</i> | <i>Ballast water treatment</i> |

Thank you



Torgeir Ramstad

CEO

tr@oht.no