

Floating Wind Solutions

Supply Chain Management to De-Risk Project Execution

Von Thompson – Vice President Gulf of Mexico

Xodus Group



Organized by



Quest Offshore



The Westin Houston, Memorial City 28-29 June 2021

Xodus Group



- Von Thompson
- Vice President Gulf of Mexico

Advised developers on **15** GW of
floating offshore wind

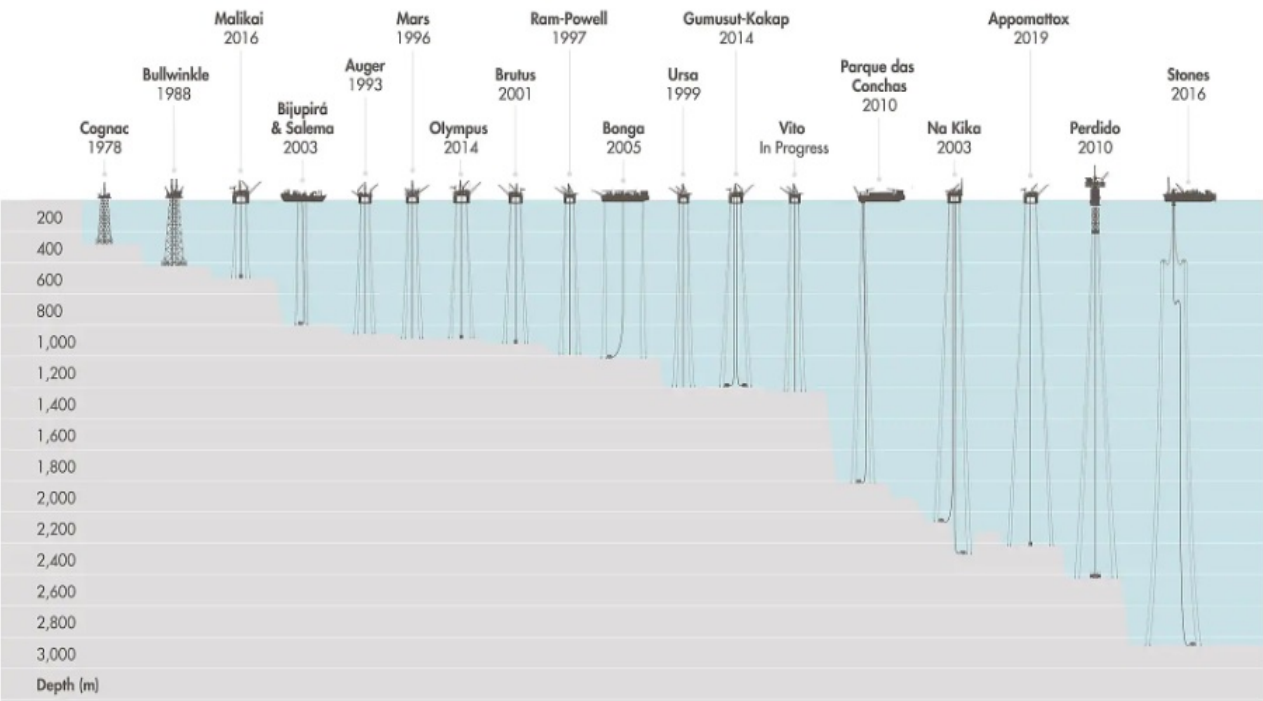
Technical advice to **2**
offshore wind lenders

Key advisor on project **Salamander**



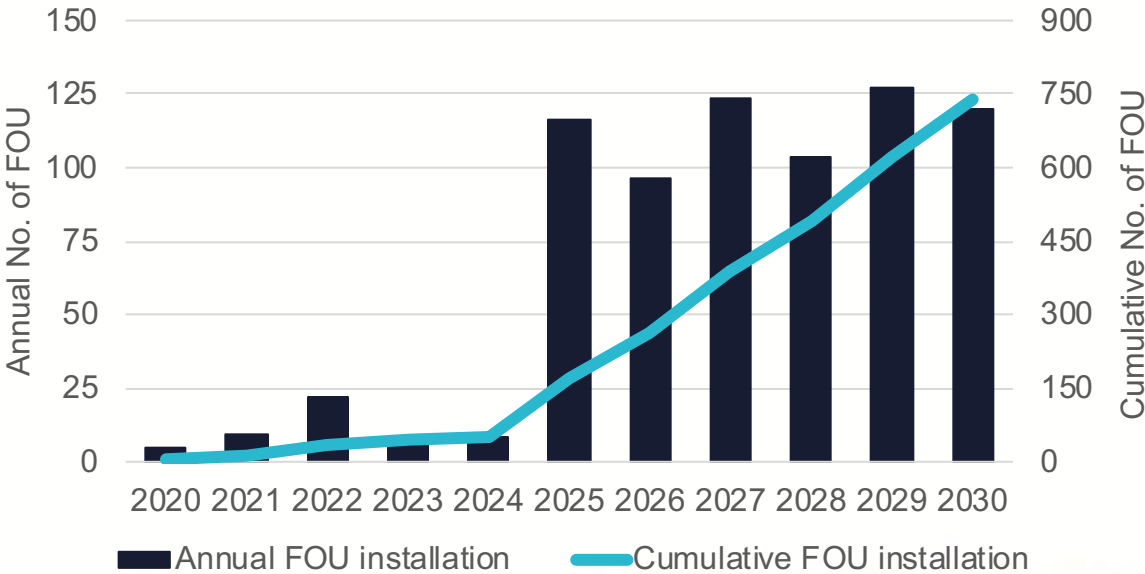
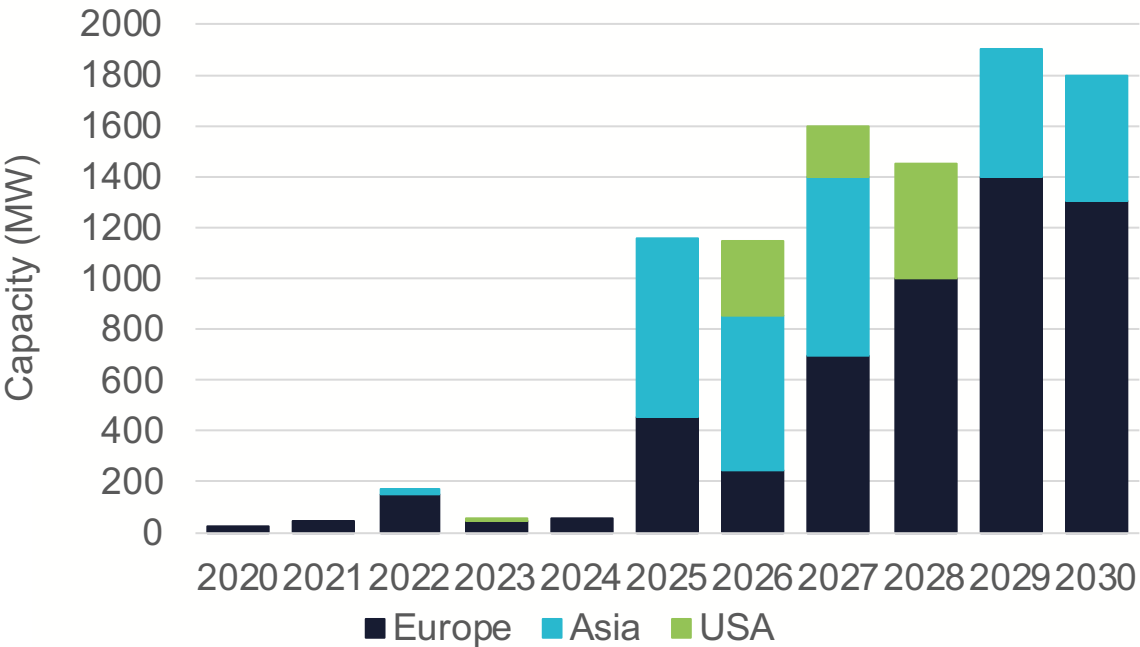
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Next Generation Scale



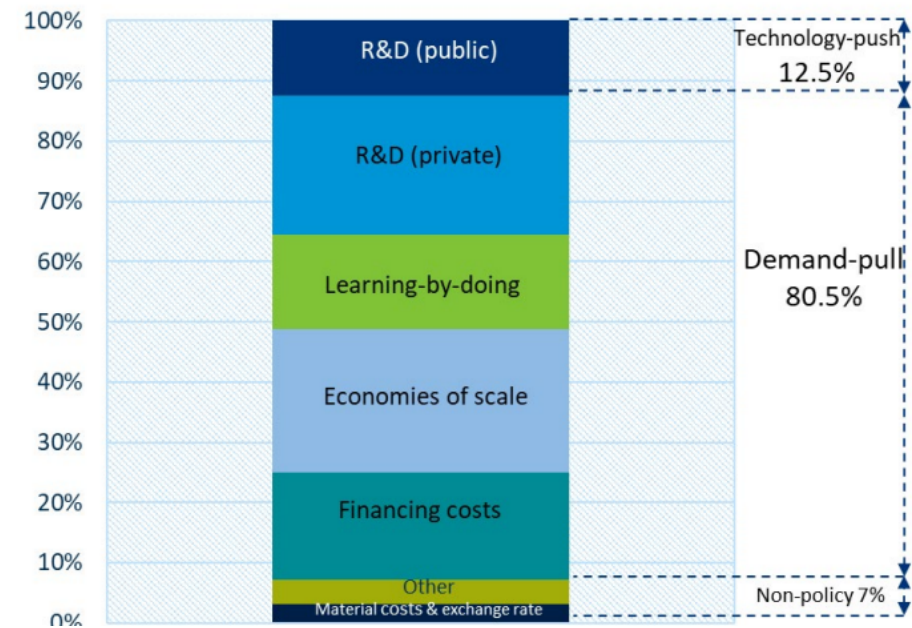
A long history of deep-water development

Source: Shell Deep-water Milestones. <https://www.shell.com/energy-and-innovation/deep-water.html>



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Managing Risk in Design



Source: Policy, innovation and cost reduction in UK offshore wind, July 2020
<https://prod-drupal-files.storage.googleapis.com/documents/resource/public/Policy-innovation-offshore-wind-report-2020.pdf>

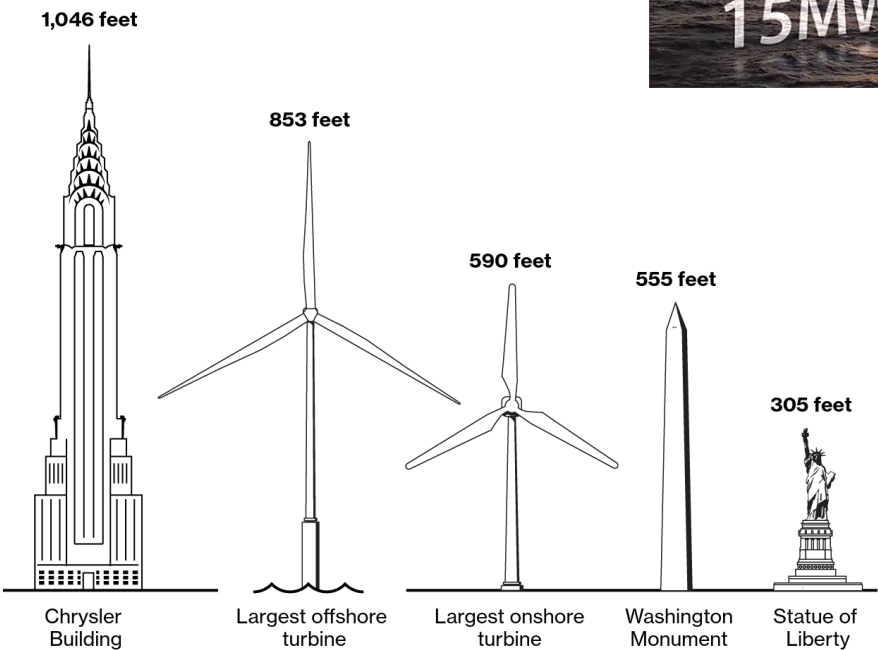
Savings have been found in fixed bottom offshore wind as the industry has evolved.

Source: NREL unveils 15 MW wind turbine developed with DTU.
<https://www.evwind.es/2020/02/13/nrel-unveils-15-mw-wind-turbine-developed-with-dtu/73570>



Monumental Turbines

The biggest offshore wind turbines are as tall as skyscrapers

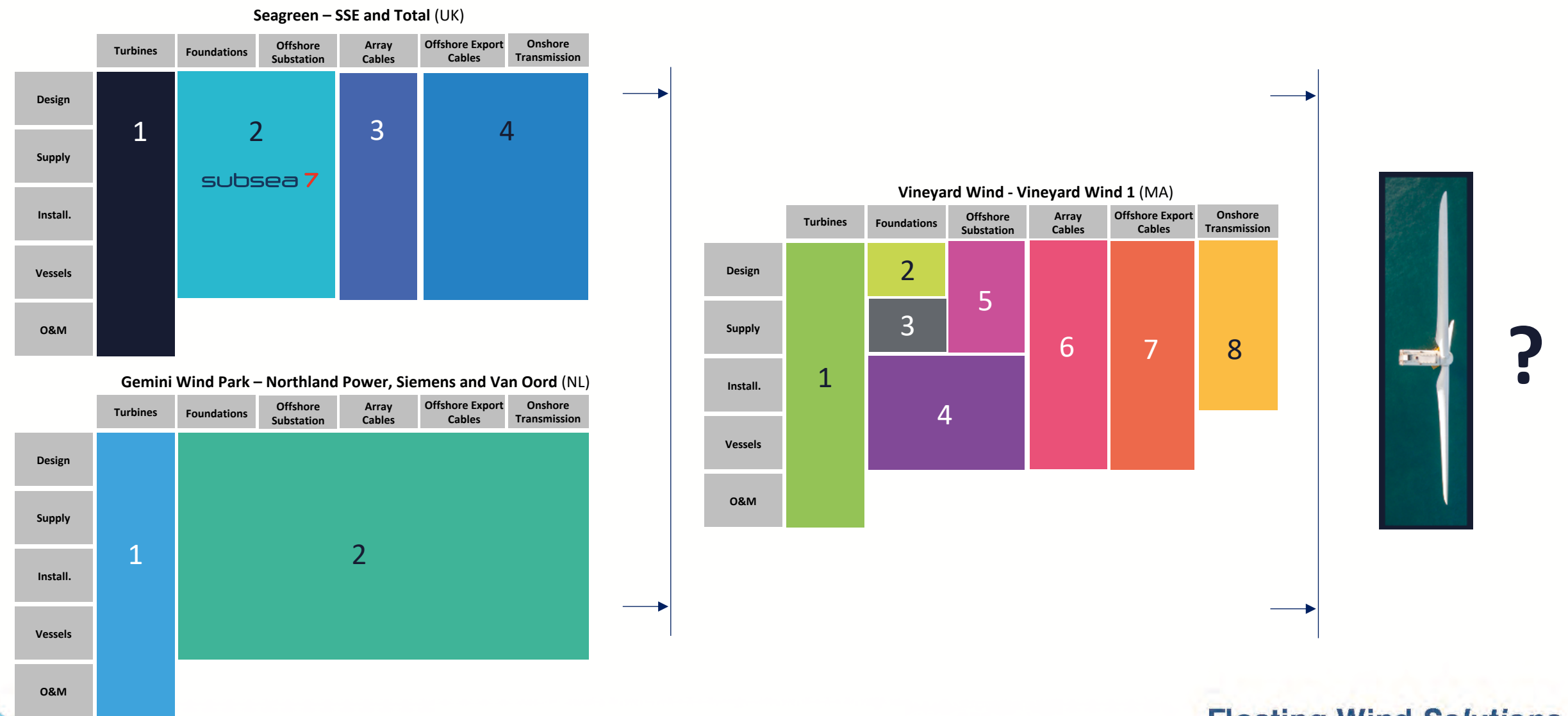


Note: These are the largest planned turbines in development.
 Sources: U.S. Department of Energy, Vestas, GE, Bloomberg research

Bloomberg

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Contracting Strategy Evolution



Summary

- Designing in to the available infrastructure and within market constraints is required to deliver price and schedule certainty.
- There are a broad range of factors to consider in a dynamic and evolving market.
- Our paper addresses these themes and concepts using the Californian lease areas to illustrate the challenges.

