Our Purpose

To enable floating wind power

- wherever it is needed!

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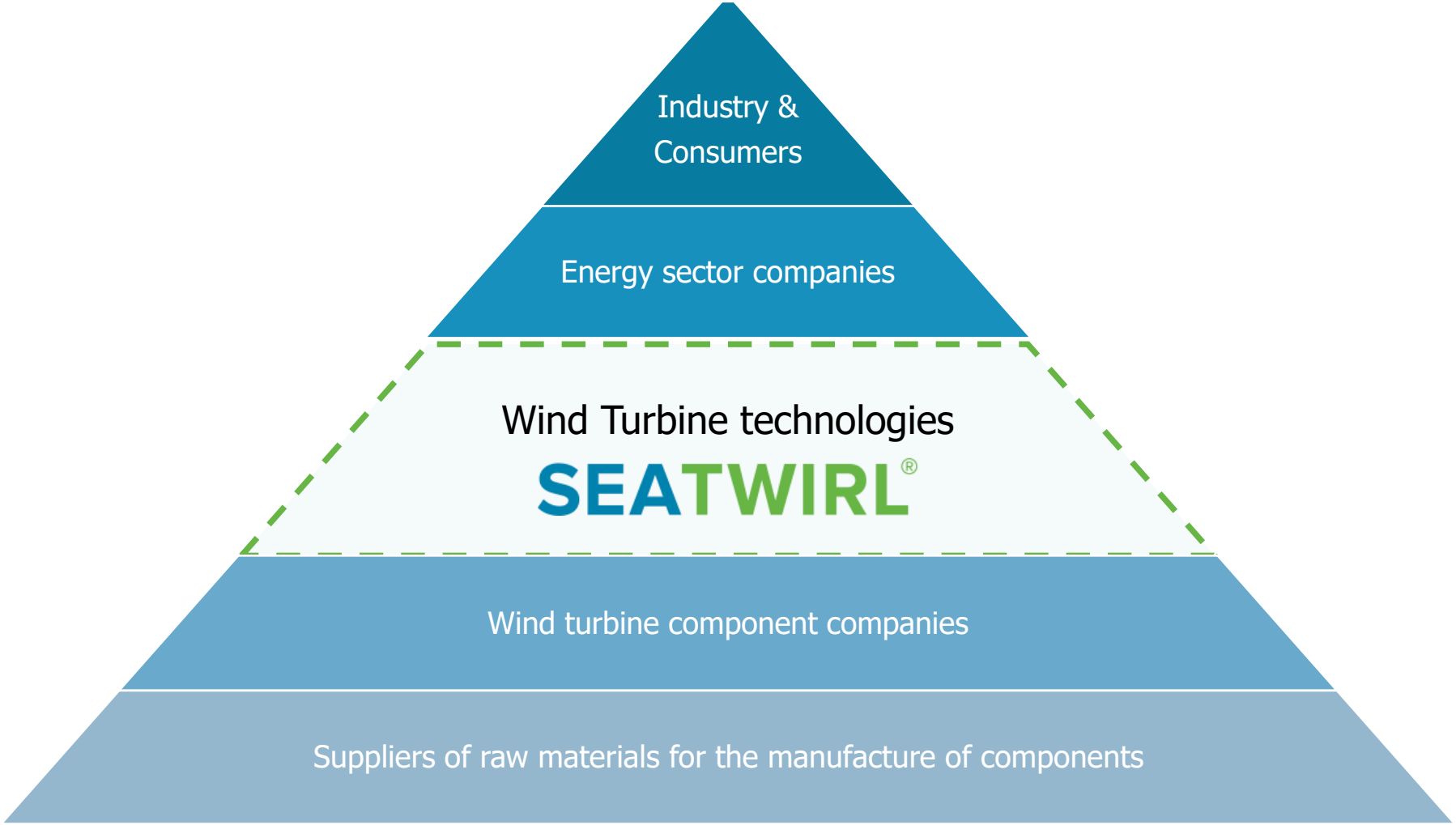
Business model

Develop, produce and sell floating offshore wind turbines



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The Offshore Wind Supply Chain

Vestas V236 - 15MW

Nacelle
Hub height 140-190 m
Weight: 6-900 ton

Pacific Orca

Installation vessels
Leg Length – 105m
1200-3000 ton crane capacity

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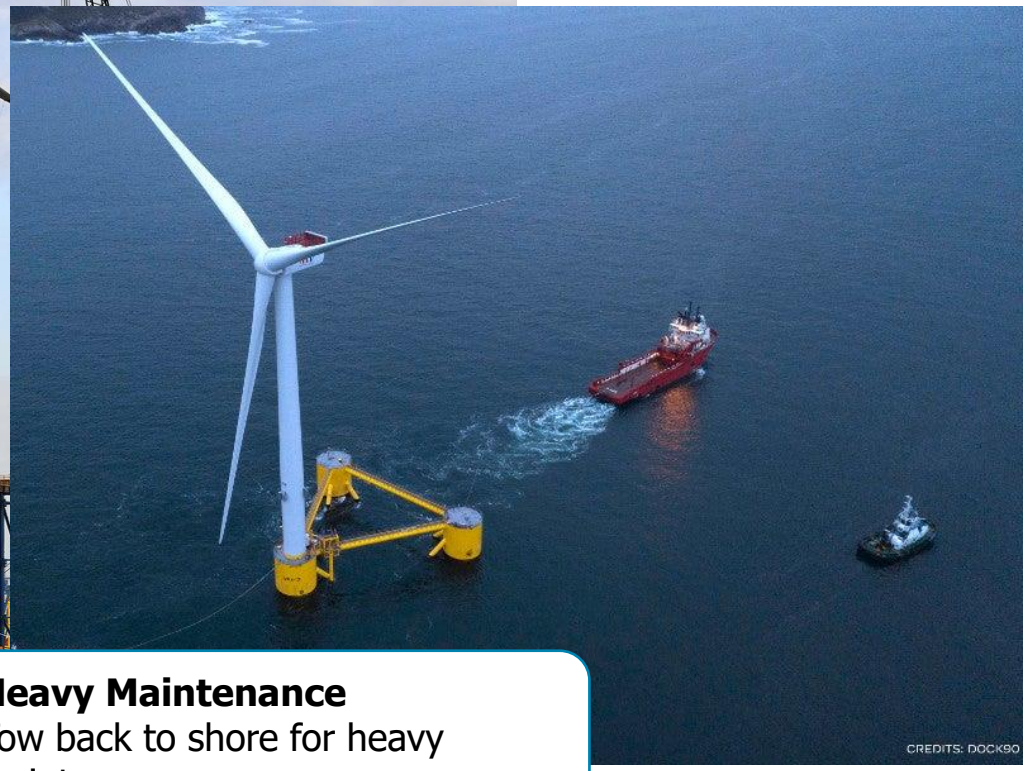
The Offshore Wind Supply Chain – Floating Foundations (Semisub)

Construction
Time: 3-4 Weeks
Weight (steel): 3-6000 T
Weight (concrete): 20-30.000 T

Turbine
Mounted and heavy maintenance in yard by onshore crane



Heavy Maintenance
Tow back to shore for heavy maintenance

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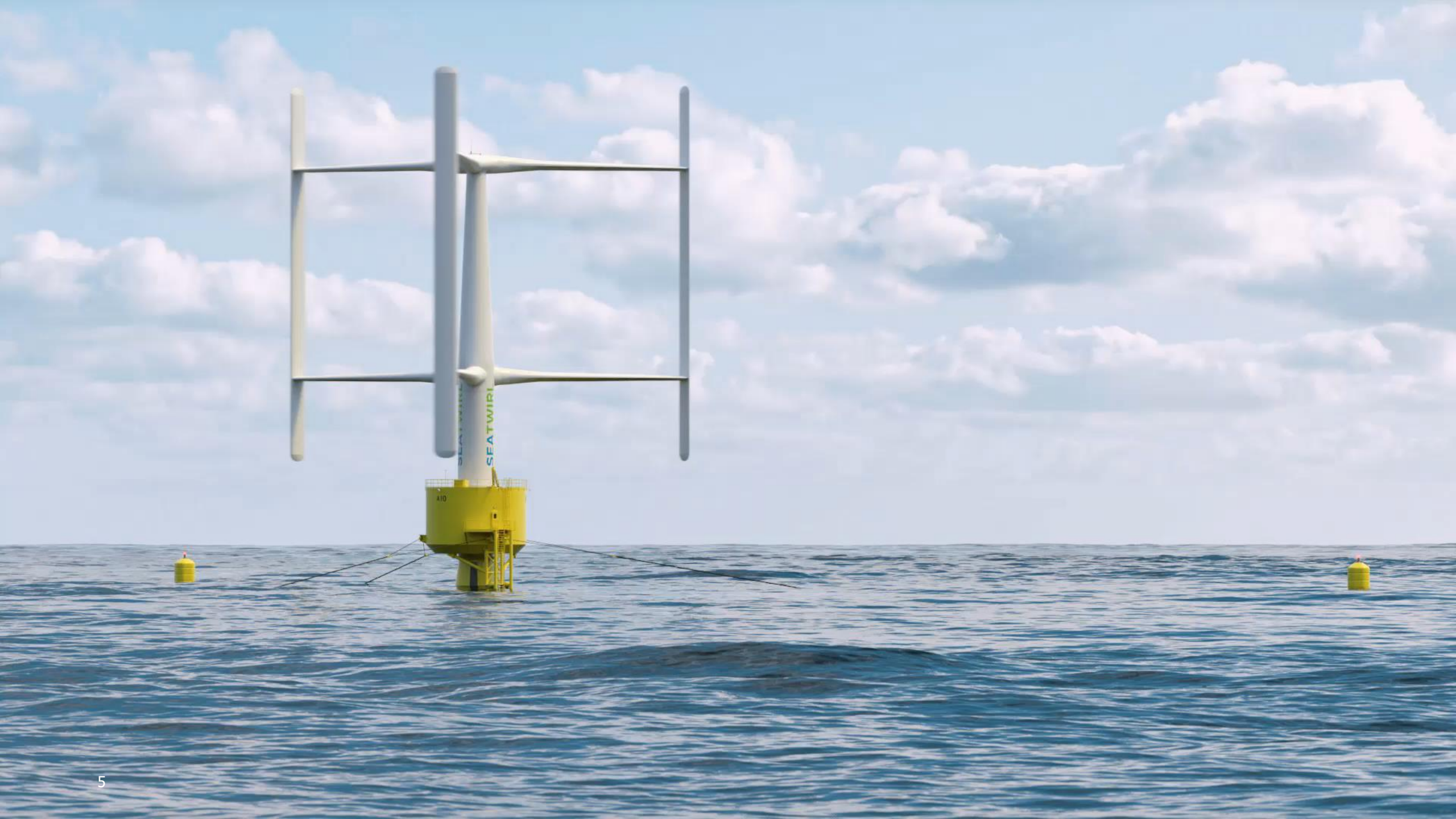
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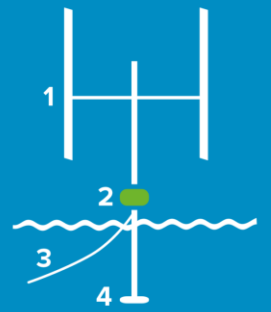
Why SeaTwirl's solution? – Three key advantages

$

Lower
COSTS

#1 Lower Foundation Weight

#2 Easy to access for maintenance

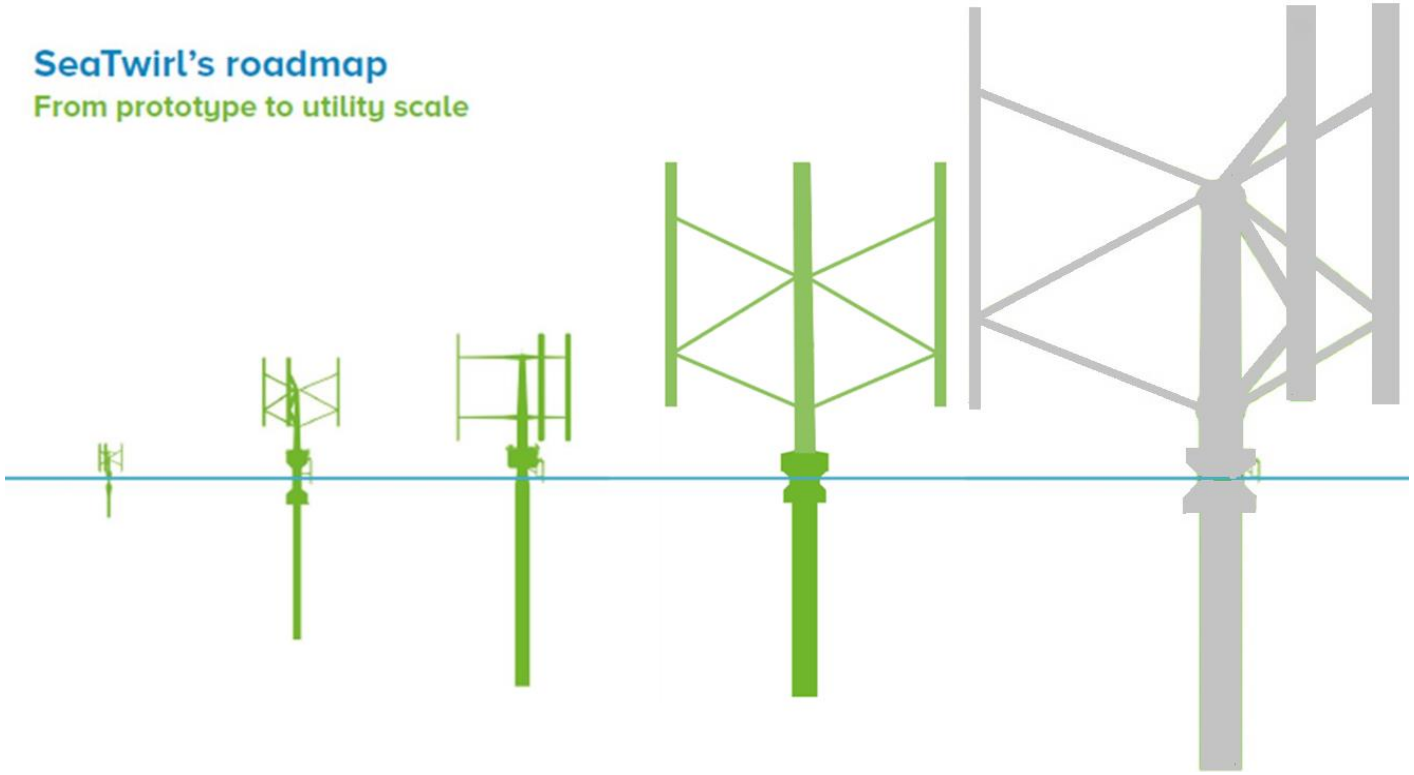


COMPLETE WIND TURBINE

#3 Integrated foundation and Turbine

SeaTwirl 200kw, 1MW, and 4MW

Technology Roadmap



Conceptually developed 2023

Developed 2017-2022

Conceptual development 2023-24

Pitched turbine on hold

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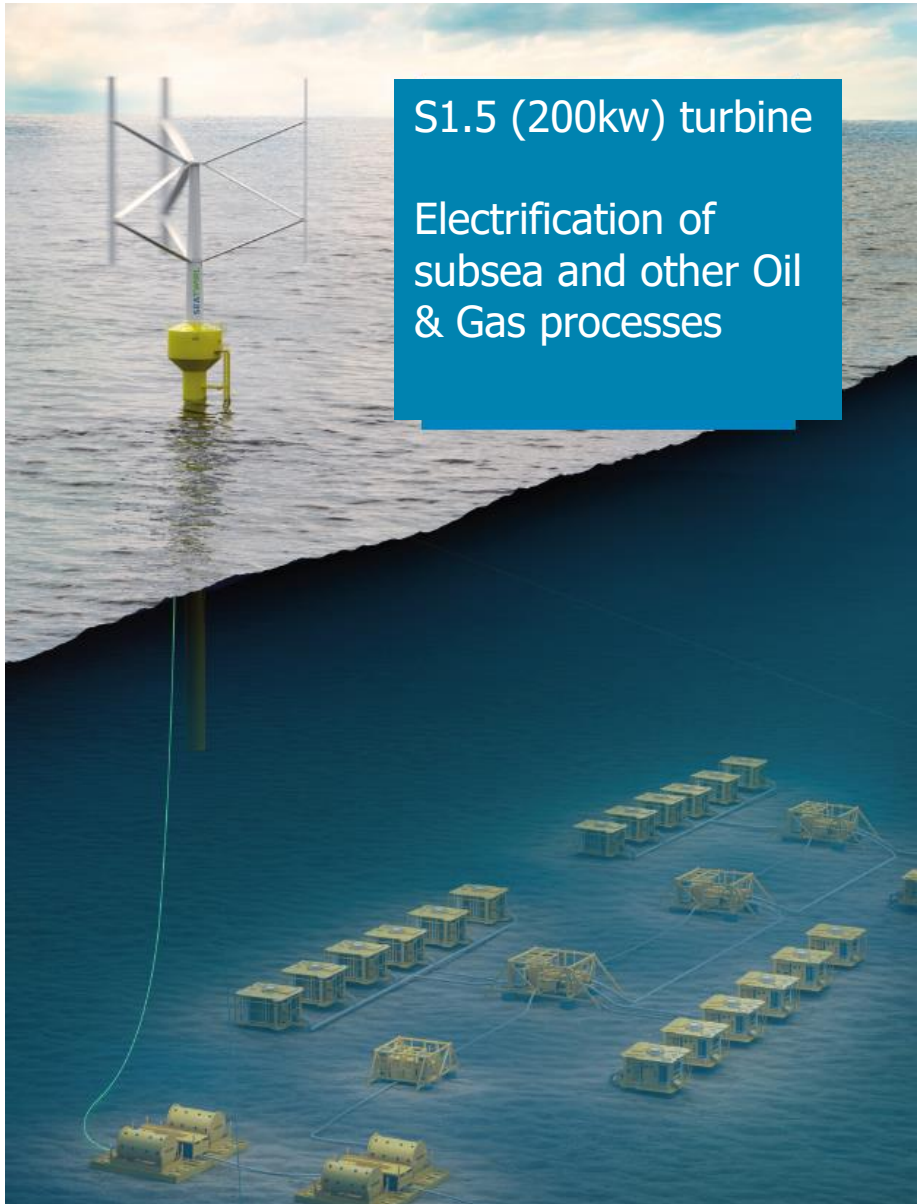
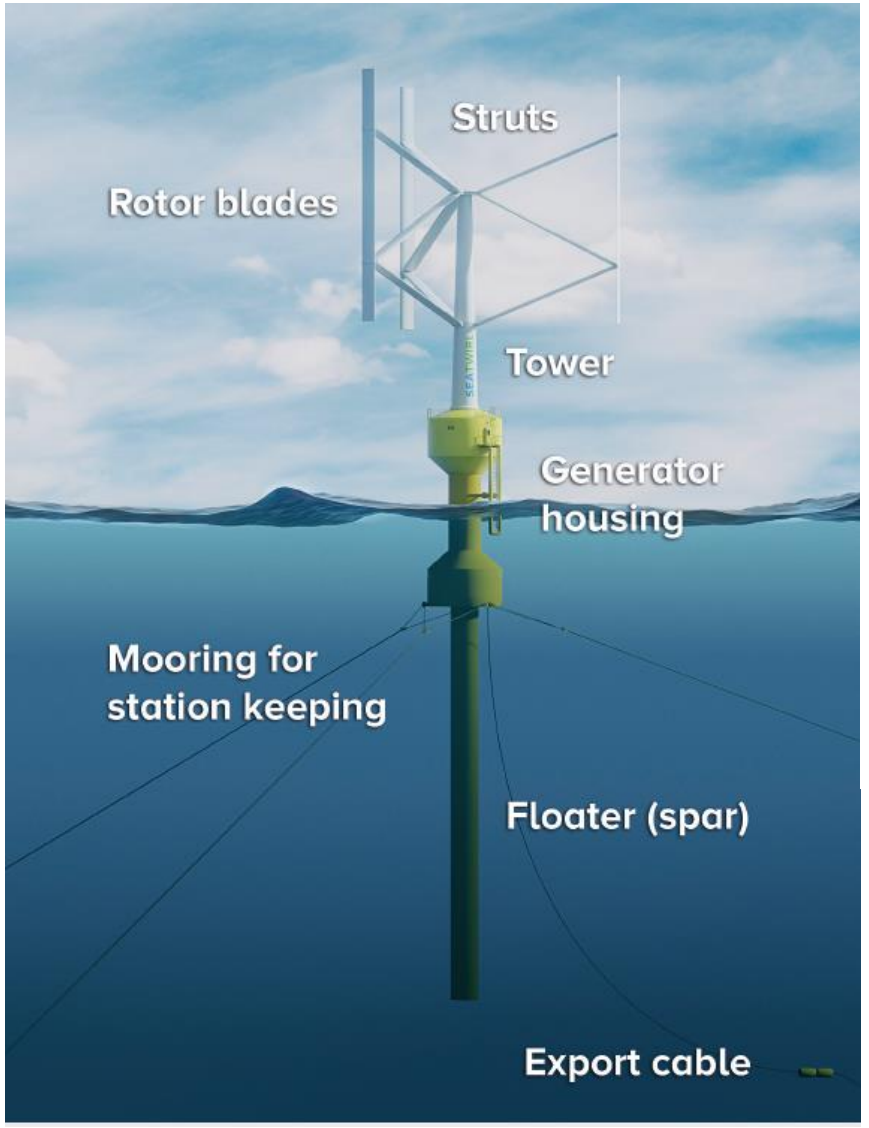
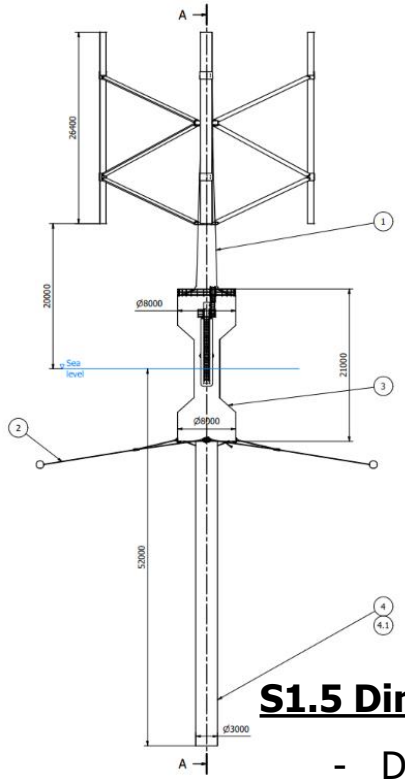
2015: SeaTwirl S1 (30kw) is launched outside Lysekil

SeaTwirl S1,5 application for subsea processes







S1.5 Dimensions

- Draft: 52 m
- Air gap: 20m
- Blade length: 26m
- Rotor Diameter: 33m
- SPAR Diameter: 3m

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MET-Center, Norway 2026

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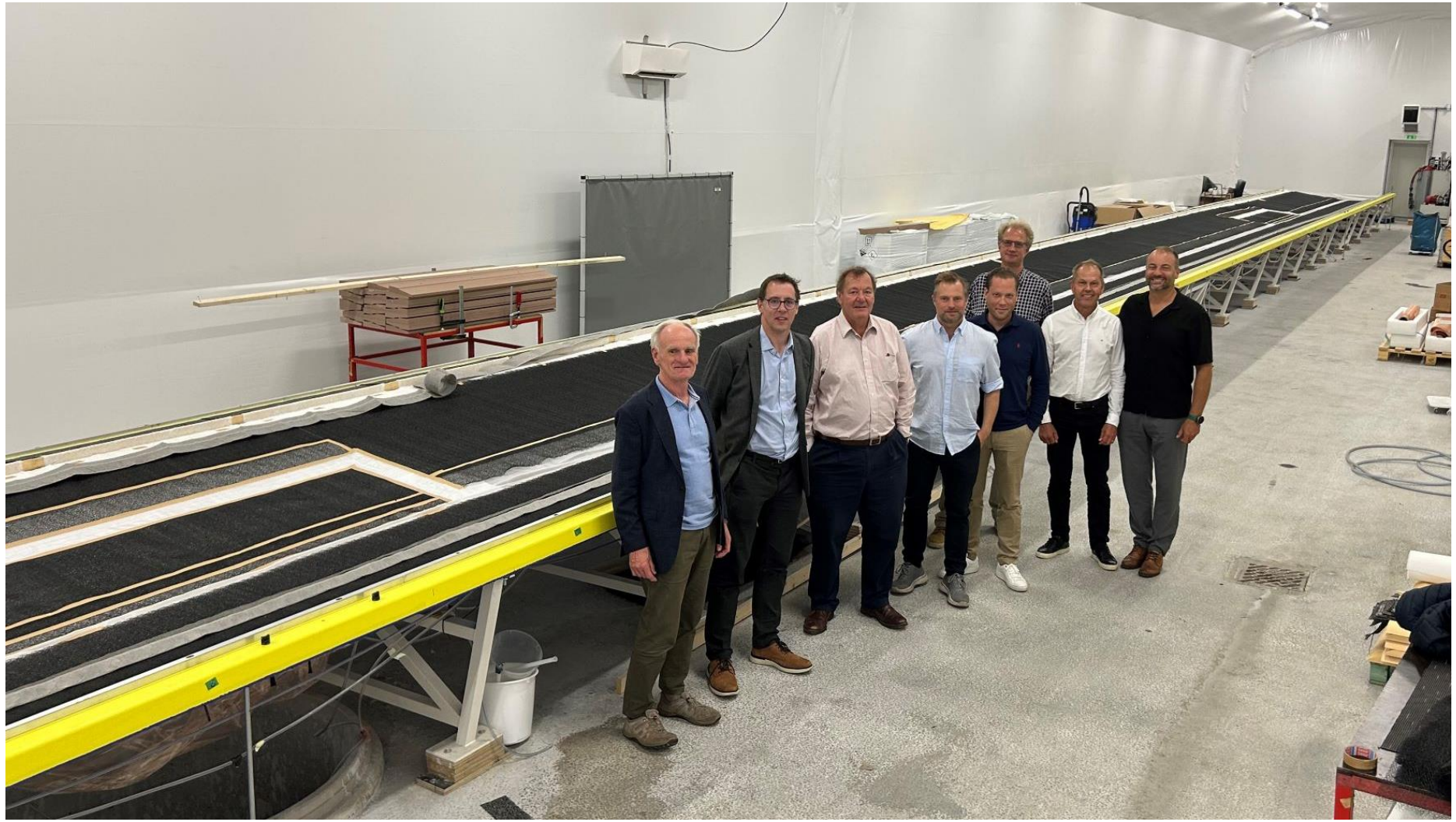
BoD and Advisory Board visit to S2 blade fabrication



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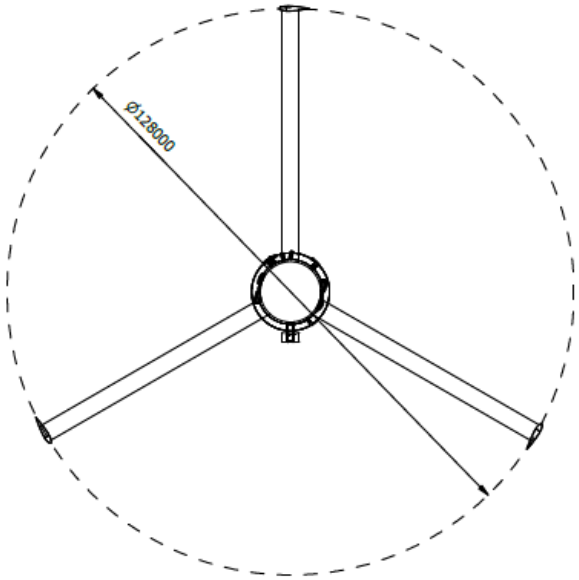
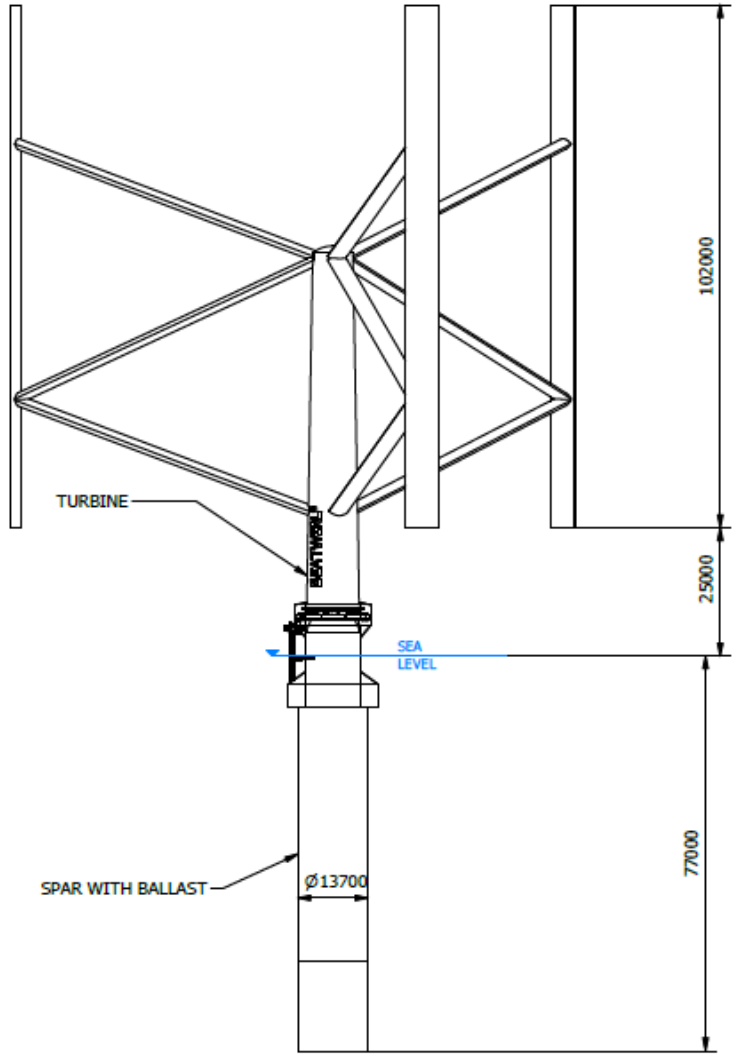
Dimensions S3 (4-6 MW)

Blade length 102m
Rotor Diameter 128m
Draught 77m
Air Gap Clearance 25m





Spar Steel Weight[mT]	Gen House Steel Weight [mT]	Mooring [MBL kN]
1405	211	21 757

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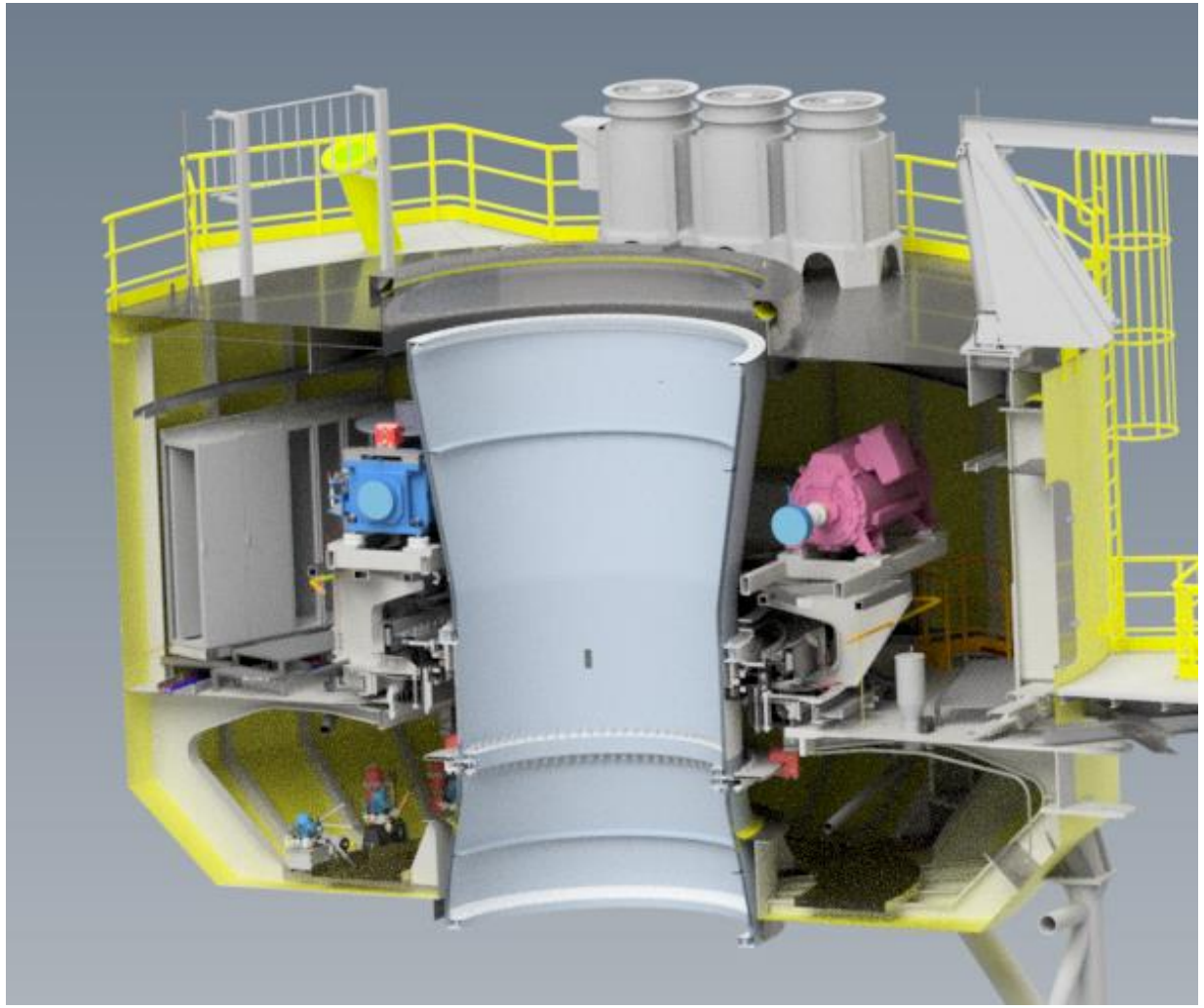
Generator Housing



- **Spacious** –> Easier to maneuver inside
- **Multiple Generators** -> Redundancy
- **Smaller components** –> easier to lift and handle
- **Standardized components** –> easier to obtain, maintain, and replace
- **Located at the surface** -> Less movements and risk of motion sickness
- **Located at the surface** -> Safer and easier to evacuate

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Large rotor configuration – access with small cranes

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Turbine access with OSV's

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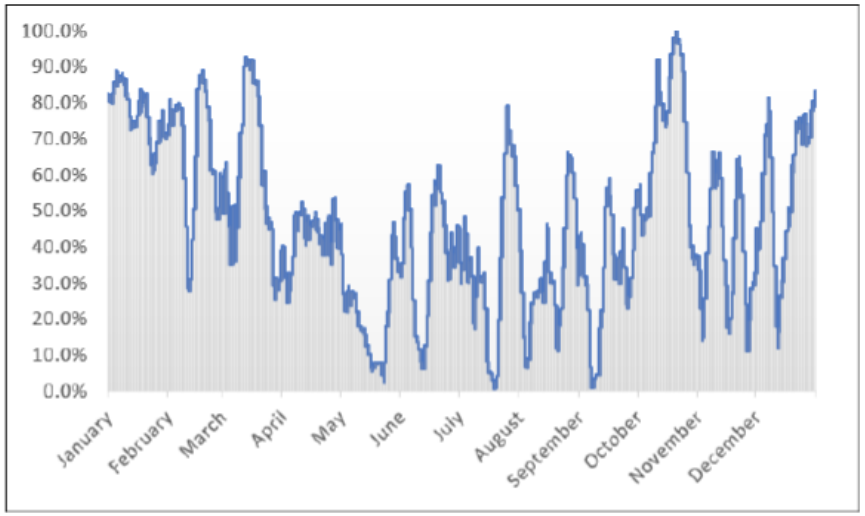
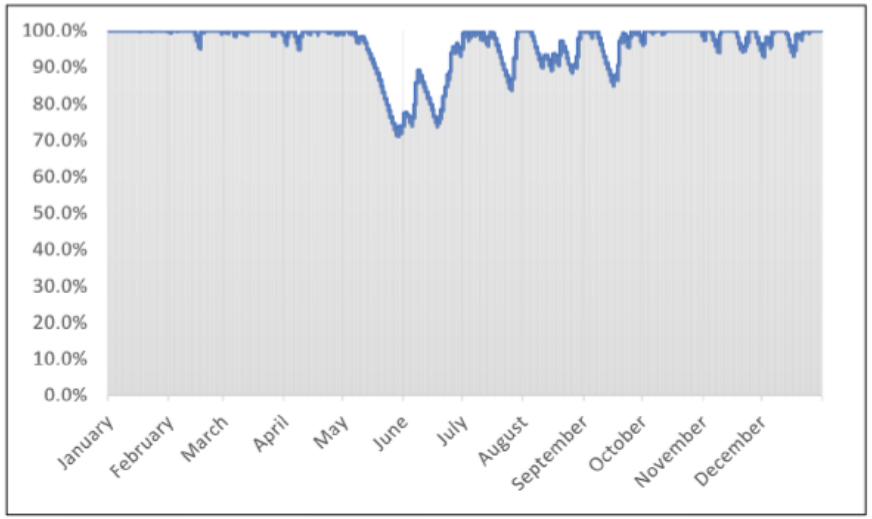
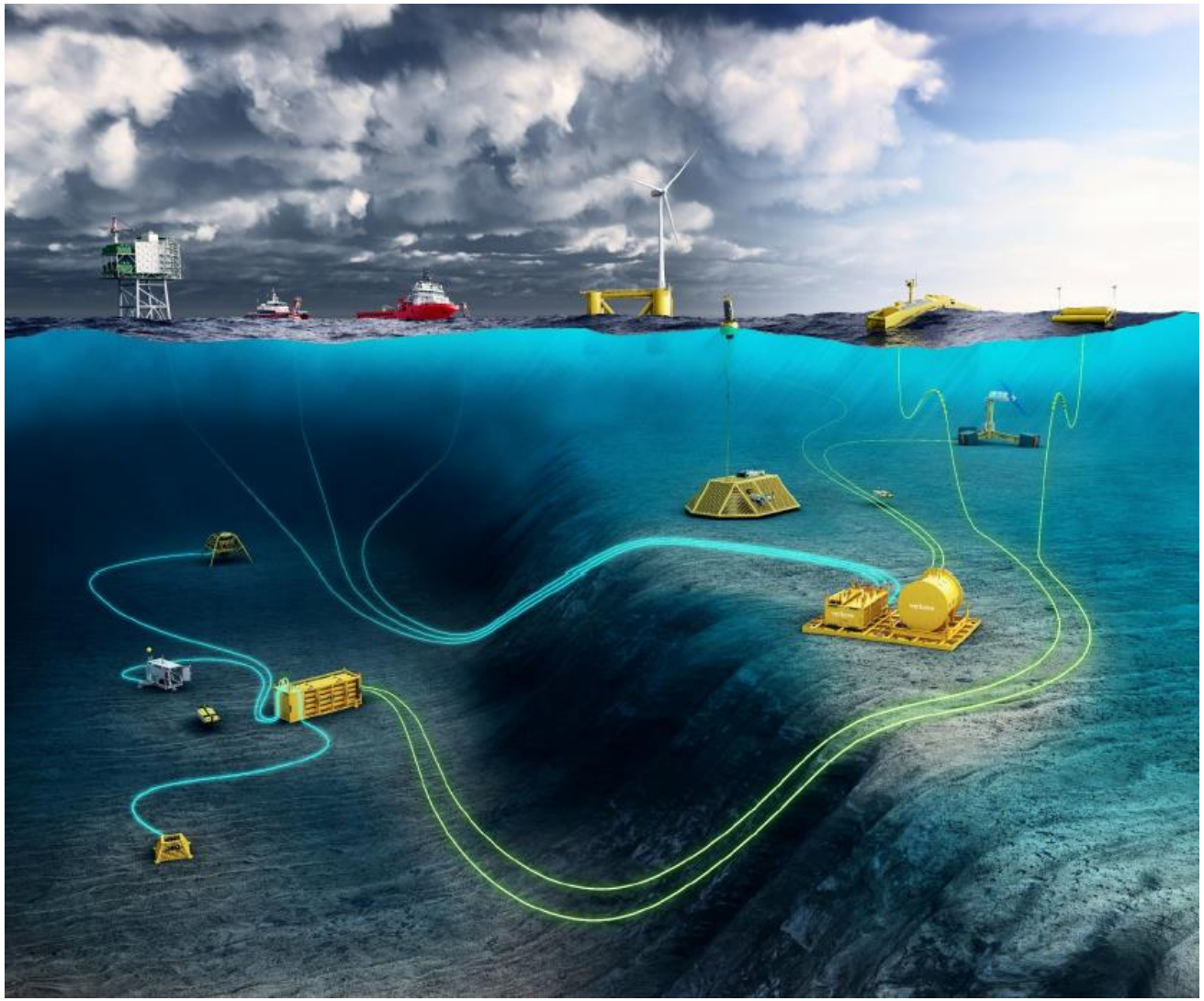
Strategic collaboration with battery supplier Verlume

Renewable Power Production



Power output with batteries





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Electrification of a 25-30 MW platform

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Purpose and Vision

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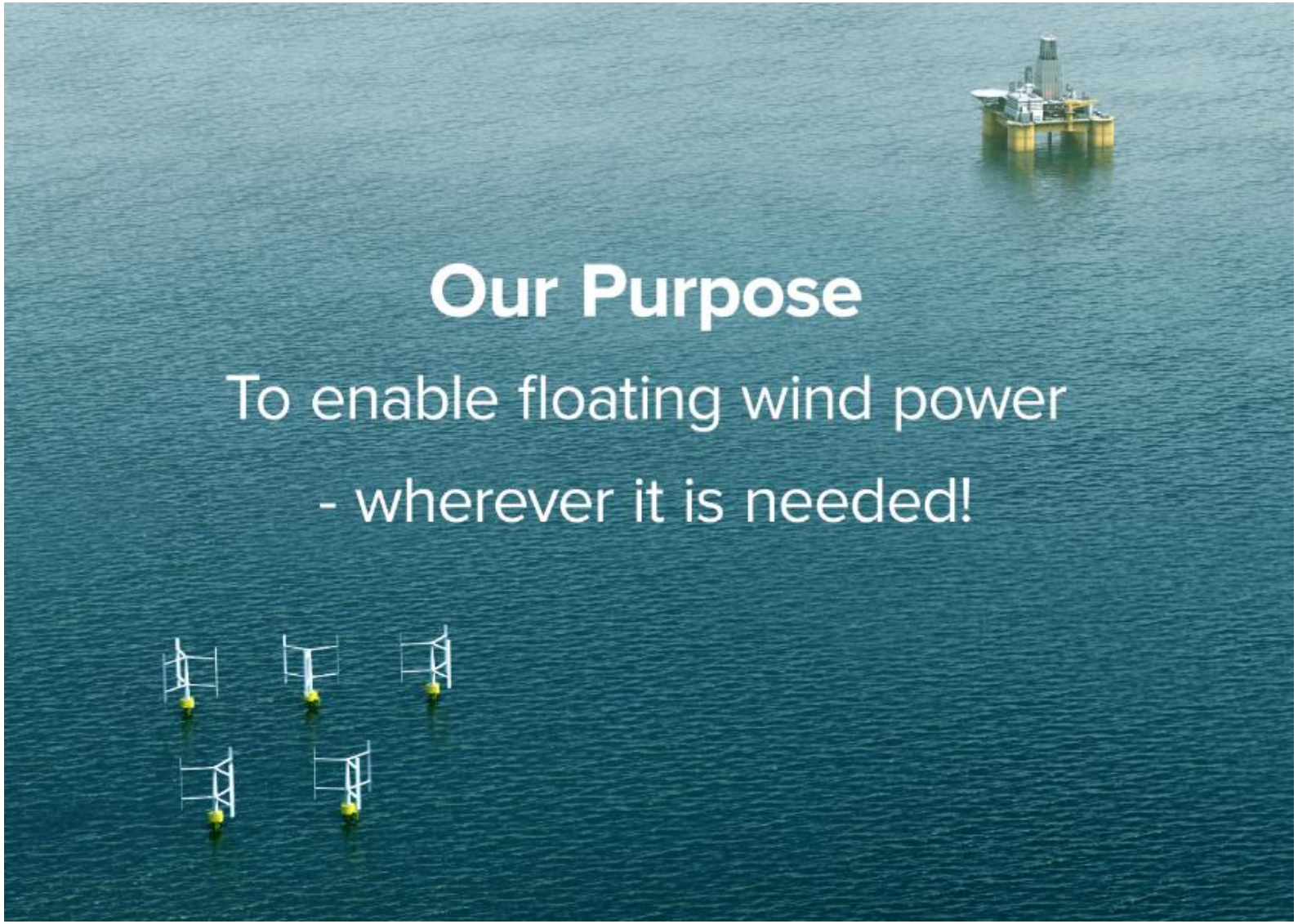
Purpose and Vision



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Thank you!

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