

SEAWIND

We are redefining the offshore wind industry

- Huge opportunities for offshore, floating wind energy. European waters satisfy 23 x current EU energy demand.
- EU wind energy targets of 450 GW by 2050 depend on exploitation of floating wind in the next decades.
- Currently offshore wind turbines are costly to construct, install and maintain.
→ New cost effective innovations are required.
- Seawind produces a new generation of floating, fully integrated, 2-bladed wind turbine with a teetering hinge
- Achieves cost targets 25% below market levels.
- Designed for all seas deeper than 60m, including cyclonic regions. Survives wind speeds up to 325 kmh.
- Our core values: **efficiency, sustainability, innovation, collaboration & inclusiveness**



European Clean
Hydrogen Alliance

Kick-starting the EU Hydrogen Industry to
achieve the EU climate goals



ocean
Offshore Coalition for
Energy and Nature

Global Wind Offshore Market

→ 80% FLOATING deeper than 60m

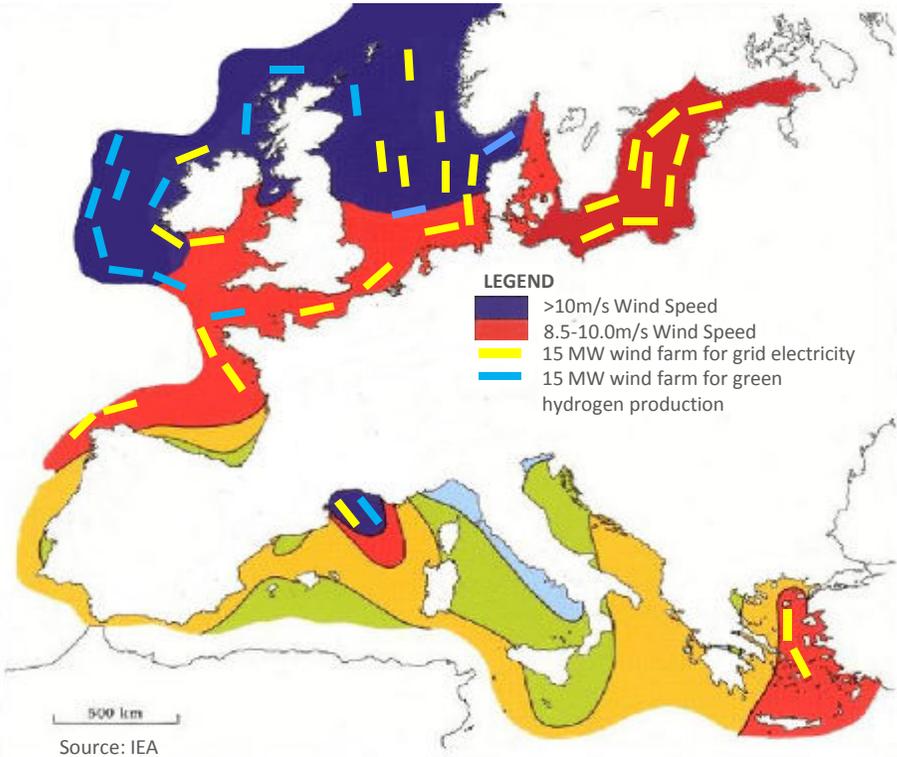
Current problems with offshore, conventional 3-bladed wind turbines:

- High cost → heavier components and complex construction & installation process
- Unable to withstand high wind speeds further offshore → higher O&M costs and longer downtime

2050 targets for offshore wind:

- 450 GW for electricity
- 225 GW for hydrogen production

The image below illustrates potential floating windfarms in Europe with varying wind speeds.



Sources (1) Source: Wind Europe
(2) www.transportenvironment.org, www.fuelseurope.eu

Massive untapped energy reservoir

Huge opportunity and market potential

2020 offshore energy generated	2040 offshore energy target	Total potential offshore energy
		23 x larger than current energy demand

Seawind's solution:

- 25-35% lower LCOE compared to industry projections
- Reduced environmental impact – no rare earths used
- Low infrastructure requirements – fully-integrated system assembled inside floating docks, which can be brought to most harbours in Europe.

Legend:
 EU
 World

Source: IEA

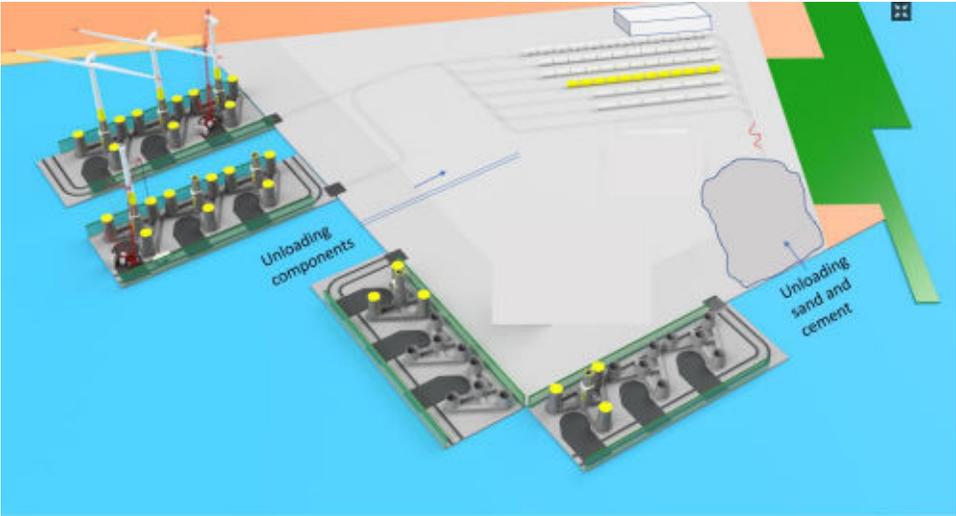
18 x larger than current energy demand

Seawind: Accelerating deep decarbonisation & Green H2

Seawind's solutions to the market needs

- The most competitive Capex & Opex costs designed to provide **LCOE below €50/MWh**
- Floating wind turbine solution operational in harsh ocean environments **Unique Wind & Wave Resilience**
- Construction & Assembly benefiting local communities using floating docks with low infrastructure requirements **Installation anywhere**

Dockside Assembly



1 ATTRACTIVE ECONOMICS

The most economically attractive floating wind turbine technology

25-35% lower LCOE than competition

Success Factors

3 REGIONAL BENEFITS

Lean supply chain: local construction and assembly

Local supply chains - Modular assembly - Floating Docks

2 GLOBAL APPLICABILITY

Operational in all seas including cyclonic regions or deep waters

Unconstrained capacity and unique Survive-Ability

Unique Integrated System – built for sea conditions

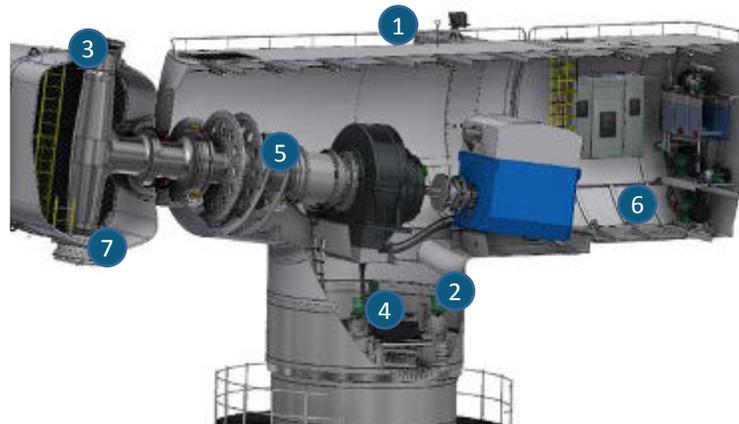
Seawind is the only turbine manufacturer to provide an integrated solution with a floating structure



BENEFITS:

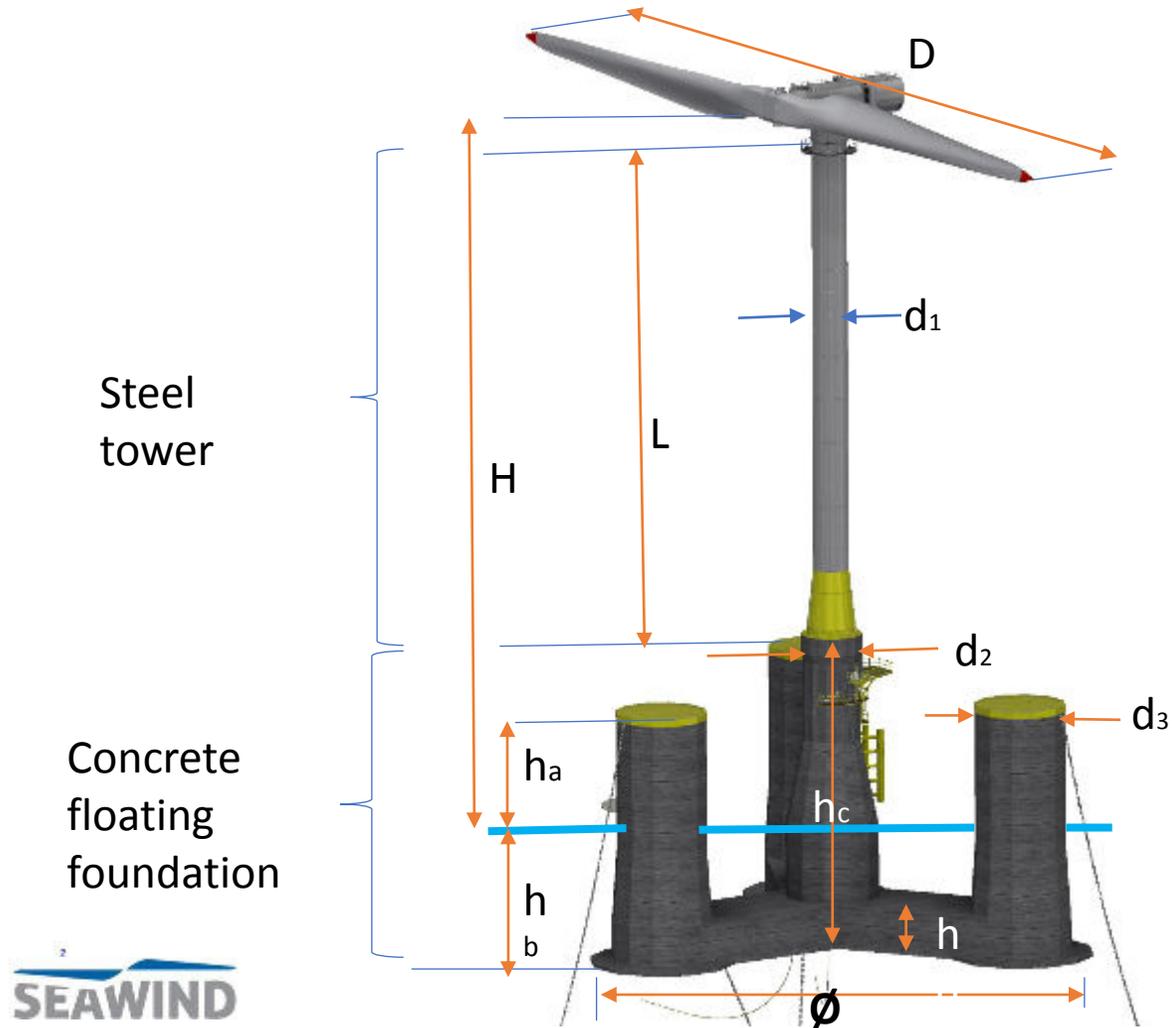
- **Stability:** Calculation and simulation work carried out in-house by Seawind, avoids interface issues between turbine and sub-structure parts.
- **Optimisation:** Large concrete platform accommodates the electrical system, except the generator, providing easier access and space for O&M.
- **Customisation** for cost efficiency: Transformer located in the concrete platform. Benefits from natural cooling of ocean temperatures and avoids costly construction of a dedicated sub-station structure.
- **Cost advantage** of patented wind turbine technology: Fast & flexible rotor with lighter design specifically for floating installations ensuring lower cost
- **Resilience** against harsh winds and waves at sea, including cyclonic regions

DNV Certified – TRL5 Achieved

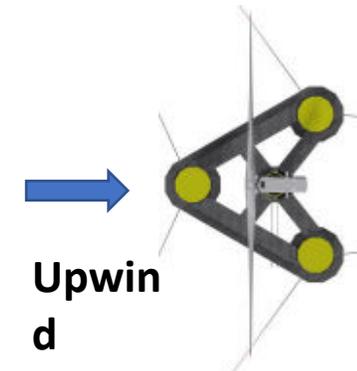


We own our IP:
8 patent families & 39 international patents

Seawind 6 and 12 - General Dimensions



	Seawind 6 (6.2 MW)	Seawind 12 (12.2 MW)
D	126	225
H	95	135
L	69	90
d1	5	Tapered from 6 to 9
d2	7	9
d3	12	15
Ø	71	85
ha	15	16
hb	21	22



Seawind Final Assembly & Installation – a regional supply chain

→ Assembly on floating docks at port facilities

- Low infrastructure requirements
- Floating docks can be brought to most harbours in Europe with quayside depths more than 7m.
- Supports the EU's Blue Economy

→ Modular assembly of turbine

- Cost efficient
- Enables **local supply chains and job creation**
- **No rare earths in generators**

→ Concrete floating platform

- Less CO2 emissions than steel
- Cheaper than steel

→ Reduced CAPEX

→ Simplified installation

- Towed to location
- Gravity anchors create marine reef environment avoiding seabed damage

→ Reduced noise propagation

- Concrete substructure dampens noise

→ Flexible Deep water locations

- Reduced visual impact
- Enables Marine protected areas supporting sustainable fishing

→ Reduced environmental impact



12.2 MW Seawind turbine

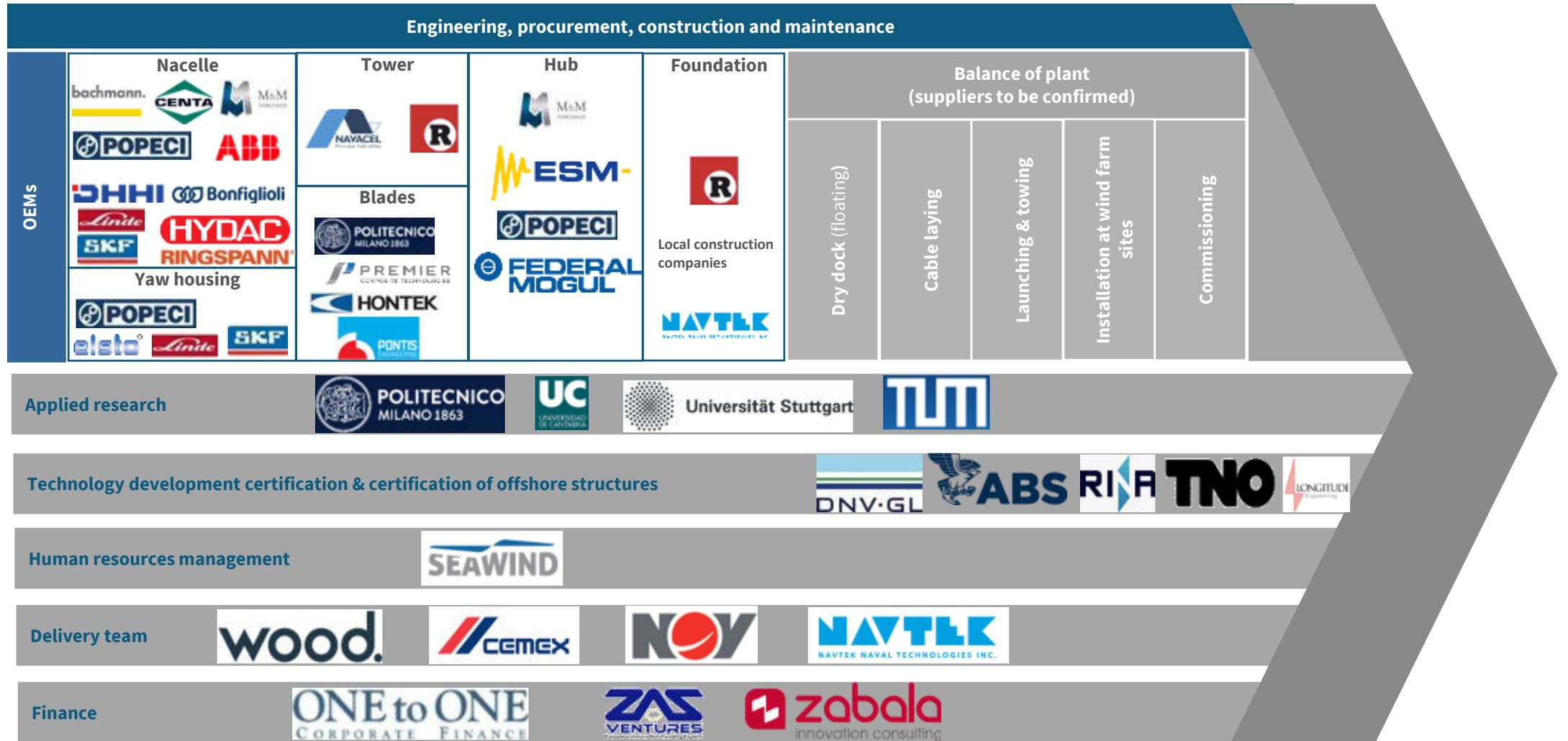
Generic production plant for Seawind 12



1. Construction of 6 concrete foundations on two floating docks
2. Assembly of turbines on 6 concrete foundations
3. Unloading pier
4. Building of blade manufacturing (option) and material storage
5. Storage of blades
6. Storage of nacelles and towers

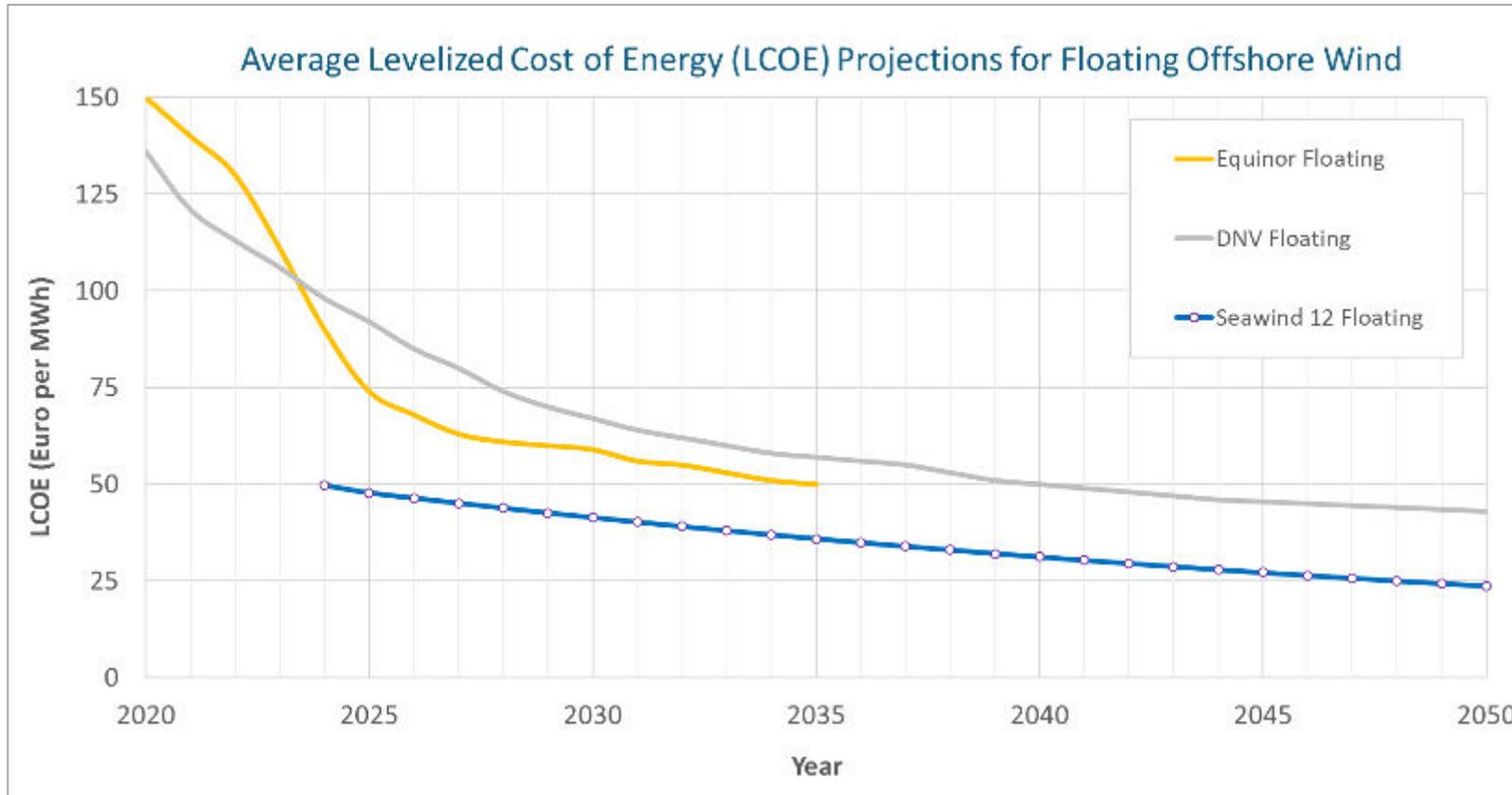
Seawind has a **60% reduced CO2 footprint** vs a steel-based foundation

Seawind Partners: Building partnerships is at the heart of our strategy



Seawind's Plan to Win: Leading the race to the lowest LCOE in the Floating Offshore Wind Industry

The graph below shows Seawind's Levelized Cost of Energy (LCOE) against industry projections provided by DNV and Equinor for Floating Offshore Wind (FOW).



- **2024** - Seawind 6 commercial model, to have a **cost advantage of 22%** vs Equinor's LCOE forecast.
- **2030** - Seawind's LCOE will be **25-35% lower than DNV and Equinor projections** with full deployment of the Seawind 12 turbine model.

Simplified design has a **25% lower equipment cost** compared to conventional three-bladed wind turbines.

Chart Sources:

- Floating Wind: The Power to Commercialize 2020, DNV
- The next steps for floating offshore wind 2020, Arne Eik, Equinor

Our project pipeline & potential synergies & ecosystem – the future is now

Commercial activities pursued:

Europe:

- The Med: Portugal, France, Italy, Greece
- UK & Ireland

Asia:

- Japan, Malaysia, South Korea

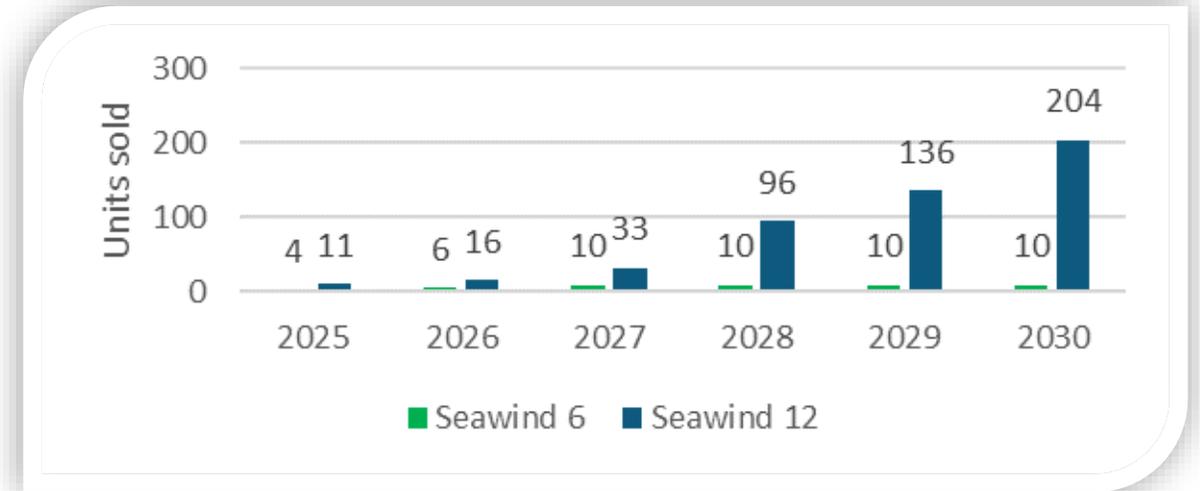
USA:

- Both the East & West Coast present substantial prospects

Strong prospects for joint commercial ventures - sectors:

- Green hydrogen for industrial use & transport
- Aquaculture
- Port facilities development

Our ecosystem: innovators, conservationists, local communities, green-minded financiers, academia



Projected Seawind Unit Sales

Seawind Team:

Executive Board



Martin Jakubowski
Chairman



Silvestro Caruso
CTO



Vincent Dewulf
CEO



Eugenio di Belgiojoso
IP & Supply Chain



Gert-Jan Ros
CIFO



Arthouros Zervos



Andy Calitz



Ioan Jenkins



Maf Smith

Advisory Board



Pim Erkelens
CFO



Maarten van Aller
COO



Dimitrios Moudouris
CCO



Kyriakos Gialoglou
Government Affairs
& MD Greece



Justin O'Flynn
MD France



Vincenzo d'Elia
MD Italy



Pedro Casaca
MD Portugal



Ian McCullagh
MD UK



David Garner
MD Ireland



Ray Dackerman
MD USA

Operational Team



Emmanuel Frère
Business Developer



Sesto Avolio
Load Engineer



Gian Paolo Fazio
Stress Analysis
Engineer



Jan Niesten
Project Manager
H2 Production



Ingrid Rommens
Corporate Secretary



Bernardino Federico
Gov. Relations Italy



Becky Catlin
Graduate Engineer



Chloe Richards
Public Relations &
Communications



Jane Arkell
Planning



David Oswin
UK Supply Chain



Wendy Roberts
HR



Fiona Ryan
Marketing

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