





Introduction

Be part of the green-energy future

Seawind aims to

deliver sustainable

wealth creation

that enriches our

investors, society

and planet.

Our team of industry pioneers have developed the first fully-integrated and 2-bladed floating

wind turbines. They will unlock 80% of the world's waters inaccessible to fixed-base turbines* and deliver renewable energy at a significantly lower cost than existing floating wind solutions.

To support our development phases, and global market entry in 2025, we are inviting investments from select individuals until the end of 2021 to finance the Seawind 6 Demonstrator Project.

In return, we are offering equity shares in Seawind at an exclusive rate, with an additional

early-investment incentive.

We hope you will join us in helping to accelerate the world's decarbonisation.



Vincent Dewulf CEO - Seawind Ocean Technology

"Seawind is passionate about preserving our planet by replacing fossil fuels with wind energy generated at sea"

Vincent DeWulf CEO, Seawind

Unleashing the massive potential of wind is crucial to achieve the Paris climate targets.

The International Renewable Energy Agency (IRENA), 2019



Who is Seawind?

Renewable energy pioneers and technology innovators

• Decades of combined experience developing and implementing global green-energy solutions

Developers of floating offshore wind solutions

• Designed and developed the first fullyintegrated and 2-bladed floating wind turbines that will redefine the future of green energy

Founders of strategic global partnerships

• Established strategic global partnerships with blue-chip multinational organisations for manufacture and installation of our solutions



1970's

OWorld's first wind turbine simulation software based on NASA and Hamilton Standard R&D



1980's

• Held for 20 years the world record in wind turbine power rating in the USA

4.2 MW

Comparison between down and upwind in Sweden



2000's

in Italy

80 kW

World's first scaled

floating wind turbine

turbine with teetering hinge and yaw control

Gamma 60

- Technology based on original research by NASA and Hamilton Standard (today UTC)
- Technology certified by international accreditor DNV GL
- Achieved European seal of excellence
- Achieved Solar impulse efficient solution label

- >40 international patents
- Commercial in 2024
- Global market entry in 2025
- Strategic global partnerships with multinationals for solution delivery and installation



Seawind 6MW



Seawind 12MW



2010's

DNV GL Technology Qualification achieved

6.2 & 12.2 MW



 Technology Certification, Precommercial site and commercial sales

World's first two-bladed

1.5 MW

2 & 3 MW



Why offshore wind energy?



Accelerates transition to a low-carbon, sustainable energy future

Wind energy is a naturally abundant green-energy source that does not emit environmental pollutants or greenhouse gases.



Industrial-scale and greenenergy generation

Faster, stronger and more consistent wind speeds generate industrial-scale energy more reliably than onshore wind farms.



Immense future potential

Industry experts project 1,000GW of offshore wind energy installed globally by 2050*.

Two offshore turbines available to global wind farm developers currently



- Established market >30 years
- >100 wind farms operating globally
- Unable to access deep oceanic waters >60m



- Emerging market
- All operating in stages of demonstration
- Potential to unlock deep oceanic waters



^{*} Future of Wind Report 2019, International Renewable Energy Agency, 2019.



What challenges does the existing floating offshore wind energy market face?



Lack of design optimisation

Not integrated

• Turbine components designed and supplied by different organisations

Limited capability

- Technical challenges in deep oceanic waters
- Operation window limited in extreme weather, including cyclonic regions
- Limited lifetime, 25yrs maximum



Expensive green energy

High financial costs

- p/MWh compared to other renewable energy sources
- High Capex and Opex
- High installation and maintenance costs



Harmful materials

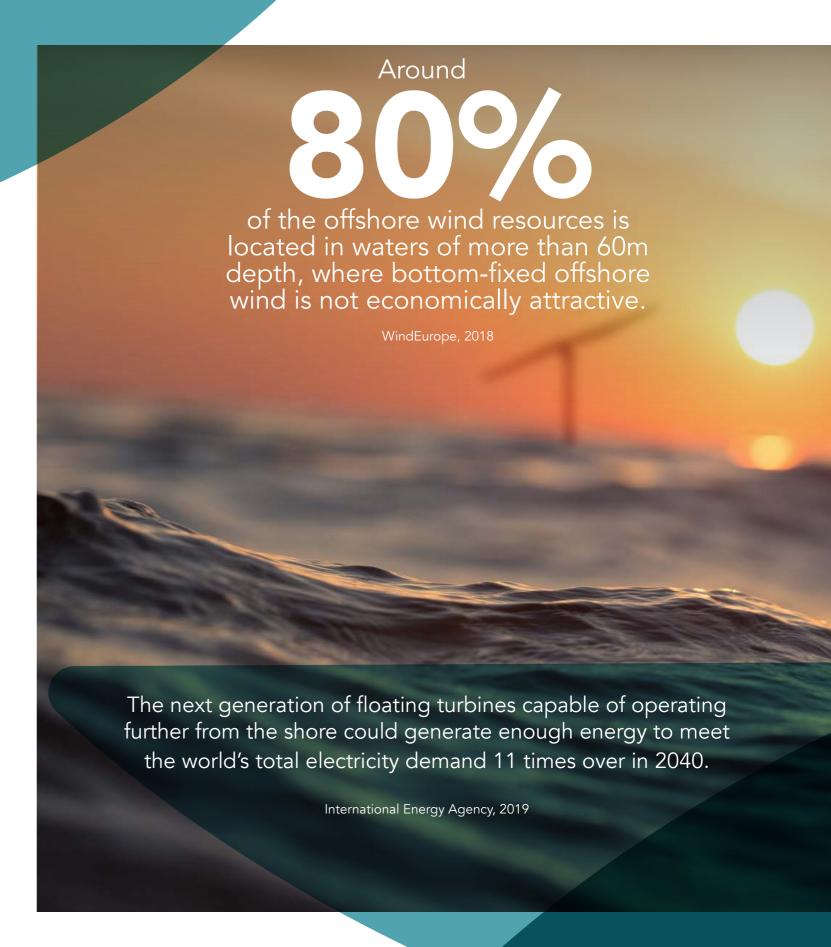
• Use high-embedded carbon materials and rare earth metals

Destructive Installation & maintenance

• Heavy-vessels and machinery for installation and maintenance



- Uncompetitive cost of energy €110-150



Floating offshore wind energy: a policy blueprint for Europe, WindEurope 2018; Offshore wind outlook 2019, International Energy Agency(IEA), 2019.



How will Seawind solve these challenges?

Our proven technology and floating-wind solutions

Seawind's floating offshore wind solutions will deliver energy at >25% lower cost compared to existing floating solutions for all seas and oceans, including cyclonic regions, redefining the future of green energy.



Robust solutions

Fully-integrated

 Seawind designs and manufactures all components to create an integrated floating wind turbine solution

Optimal capability

- Efficient floating 2-bladed technology
- Effective in deep oceanic waters >60m
- Efficient in extreme weather patterns
- Ease of installation and maintenance
- >50 years turbine longevity



Low-cost green energy

Positive Financial Impact

- 25% lower Capex, 25% lower Opex compared to leading 3-bladed turbines
- Significantly lower cost of energy at €40/MWh
- Highly competitive compared to other energy sources
- Cost economies from integrated solution
- Affordable at-sea installation and maintenance



Environmentally kinder

Responsible materials

- 25% less material in turbine
- Low carbon footprint
- No rare earth metals

Low impact installation and maintenance

 No requirement for heavy-vessels and machinery for installation and maintenance



Credible global

Solutions accessible to all

- Proven technology with >40 years of R&D
- 40 patents and DNV GL accreditations
- Unlocks affordable energy and 80% of the world's seas and oceans
- Global delivery through blue-chip international strategic partnerships

12



What is the potential of the global offshore wind market?

Immense market size & growth

- Recognised as a fundamental energy source of the future and valued as \$1tr market by 2030 with 30% annual growth*
- New installations projected to double over next 5 years, and grow fivefold by 2030*
- Global political leaders are making strong commitments to offshore wind energy powering homes and industries over the coming decades
- Floating offshore wind market to grow rapidly with c.40% of world's offshore wind farms using floating technology from 2030**

Strong Competitive Position

- No like-for-like competitors with 2-bladed and integrated floating wind solutions
- Only a few 3-bladed floating turbine prototypes being tested globally

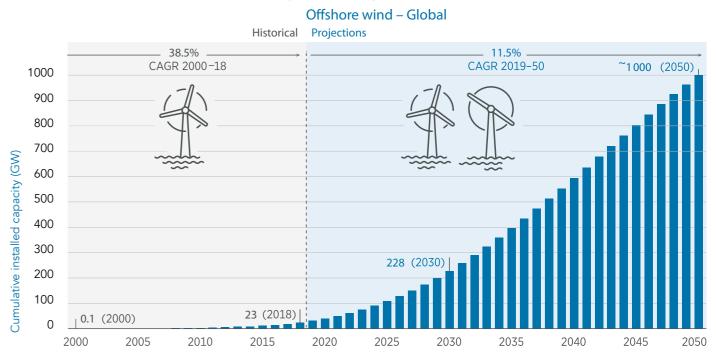
Seawind's competitors globally

solutions have no like-for-like

* Future of Wind Report 2019, International Renewable Energy Agency, 2019.

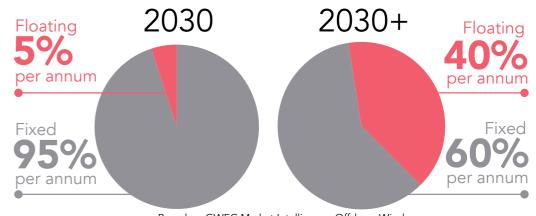
A \$1tr market and 30% CAGR* by 2030

Growth of global offshore wind power deployment to nearly 1,000GW by 2050.



^{*} Historical values based on IRENA's renewable capacity statistics (IRENA, 2019d), future projections based on IRENA's analysis (IRENA, 2019a).

Strong growth of floating offshore wind installed capacity up to and after 2030



Based on GWEC Market Intelligence Offshore Wind Pipeline Database (May 2019), GWEC Market Intelligence Offshore Wind Outlook to 2030 (June 2019).

of the world's offshore wind farms [will be] using floating technology from 2030

^{**}Global offshore wind report 2020, The Global Offshore Wind Energy Council (GWEC), 2020.

Business plan

Creating a new business and new jobs

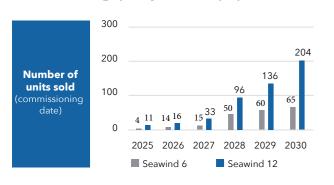
- Gaining financial returns and accelerating global decarbonisation
- Supporting national and local economic and social regeneration
- Enabling the creation of a new business portfolio and >5,000 new jobs across business services, engineering, manufacturing and assembly

Strong economic fundamentals

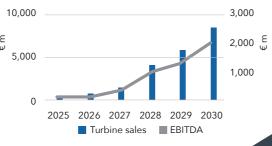
- Sustainable growth market Offshore wind energy will be a sustainable ROI market for decades* and the emerging floating wind market will unlock additional significant opportunities
- Competitive solution Proven and accredited technology, and solution capability to deliver low-cost green energy.
- Credible developing pipeline Significant expressions of interest from UK, Europe,

- Japan and Middle East, with strong sales and profit projections
- **Strong cash position** Cash-positive position projected for 2025 and liquidity option for investors 3-4 years after that
- Experienced global team and strategic partners – Global renewable energy experts experienced in delivering major greenenergy projects, and start-ups through to successful floatation

Our strong projected pipeline and profit







* Future of wind report, 2019. The International Renewable Energy Agency 2019.





Our Team

Board of Executive Directors



Martin Jakubowski



Vincent Dewulf



Silvestro Caruso Chief Technical Officer



Gert-Jan Ros Chief Investment & Finance Officer



Eugenio Belgiojoso Director IP & Supply Chain

Executive team



Kyriakos Gialoglou Director Government Affairs, PR, Comms & Managing Director Greece

Arthouros Zervos Previously President of the

Renewable Energy Council

European Wind Agency and EU

Advisory Board



Maarten van Aller Chief Operating Officer



Dimitrios Moudouris Chief Commercial Officer



Victor Oieda Chief Operating Officer Asia



Justin O'Flynn Director New Business Development & Management Director France

Team



Penny Tokmakidou Director Data Process &



Manu Frère **Business Developer**



Ryan Patryluk Managing Director Asia



Hidetoshi Otsuka Managing Director Japan



Ray Dackerman Chief Executive Officer USA



Michael Nates Director ESG & HSE



David Garner Managing Director Ireland



Pedro Casaca Managing Director Portuga



Fabricio Sardella Deputy Chief Technical



Sesto Avolio Deputy Chief Technical Officer & Load Engineer



Gian Paolo Fazio **Chief Stress Analysis**



Bernardino Federico



Ingrid Rommens Corporate Secretary



Vincenzo d'Elia Managing Director Italy



Jan Niesten Project Manager H2 Production

Strategic global partners















Contact details:

Andy Calitz

Secretary-General

International Gas Union



www.seawindtechnology.com



18

info@seawindtechnology.com



Frequently asked questions

FAQ's

- Q. Why does Seawind technology use a 2-bladed turbine?
- A. The 2-bladed rotor allows control of the wind turbine by yawing only, that is when the turbine head is turned into the wind at lower wind speeds and out of the wind at higher wind speeds. The turbine doesn't need complex and failure-prone active blade pitching.
- Q. Are 2-bladers producing the same amount of energy as 3-bladers?
- A. The 2-bladed turbine produces almost the same electricity as a conventional 3-bladed turbine with a similar rotor diameter. The 1 to 2% of lower energy output can be easily compensated by slightly longer blades but the 2-bladers are less complex (see above) and can therefore produce the electricity more economically.

- Q. Why is the 3-bladed more common?
- A. A 2-bladed turbine is slightly noisier than a 3-blader and therefore it doesn't fully comply with EU regulations regarding noise emission onshore. Offshore, this is not an issue.
- Q. Why aren't other organisations using 2-bladed technology?
- A. A 2-bladed technology must have a teetering hinge, which is the elastic joint between the rotor and the shaft. This teetering hinge derives from the helicopter industry and has never been used in the wind turbine industry. One of Seawind's founders was the US helicopter pioneer Glidden Doman, who first recognised that a 2-bladed rotor was optimum to eliminate stresses in wind turbines.

- Q. How confident are you in delivering this project?
- A. There has been very intensive simulation work done by Seawind and third parties which has been validated by DNV GL. As in the aircraft industry, the intensive simulation work leads to the development of a prototype operated in the relevant environment, and those prototypes are delivered. The same applies to our industry.
- Q. Can the technology be imitated?
- A. Seawind owns 40+ patents for its technology. Seawind is continuing to develop the technology-based on these patents.

- Q. How do you know that a 2-bladed turbine will successfully generate energy?
- A. The Seawind technology was proven with the successful operation of a 1.5MW onshore prototype.

 Seawind needs to demonstrate the upscaling of the technology for the floating 6.2MW prototype.



Redefining the future of green energy