BWideo

Concrete Advantages: Serialised Production of Floating Wind Substructures

Aberdeen, 3rd October 2023



Who we are

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An internationally acclaimed floating offshore wind leader

A proven technology with a unique competitive edge and an unparalleled return on experience

A pure-player and early mover in key strategic markets for floating wind

A multi-GW pipeline in partnership with leading local utilities and project developers



An extensive track-record financing and delivering complex and capitalintensive offshore projects







A two-leg strategy

Sharing development risk and asset ownership

Supply EPCI and O&M services in conjunction with our patented Damping Pool[™] technology

2 main objectives





Winning tenders and delivering on-time and on-budget floating offshore wind assets





Over 12 years of international experience

A **fully integrated team** of 80+ specialist engineers representing 8 nationalities

A global player with offices on 3 continents

A listed company on the Oslo Stock Exchange

BWIDL EURONEXT GROWTH

A wide range of key responsabilities, as **co-developer**, in charge of **design & engineering** of the floating wind system, **EPCI WP supplier** and **asset owner & operator**

2 full-scale assets operating successfully since 2018





A truly universal technology suitable for all environmental conditions and all continents

Projects on all continents and in all key markets



+ soon to be disclosed commercial-scale projects in several European and Asian countries

Buchan Offshore Wind – Floating Energy Allyance

Project description

- 75km off northeast Scotland
- 960MW wind farm
- 100m Water depth

BW Ideol's scope

- Project owner and operator in partnership with BayWa r.e. and Elicio
- Basic and detailed design and engineering, construction and offshore installation supervision

EPCI supply of serially produced substructures to projects outside Buchan (except for few, directly competing projects)





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A proven and markettransforming technology



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First full-scale offshore wind turbine installed in France



First full-scale foreign floating wind technology installed in Japan





Buildable in **steel** or **concrete**



Outstanding power production and seakeeping **performance**

The **most compact** and shallowdraft **solution** when fitted with tomorrow's XXL offshore wind turbines



Dozens of ongoing **R&D projects** to **accelerate** the **cost reduction** trajectory of floating wind



- Simple geometry
- Proven and bankable
- Deliverable at scale: >20 MW WTGs, >50 units/year
- Compact and shallow- flexible in ports
- Can be delivered in steel (for small numbers) and
- lower carbon footprint
- Local Content



+900%

The highest level of local content whatever the country or continent

Delivering at Scale: Serialised manufacture





How we can deliver several GW floating projects on time, in budget, with guaranteed local content

NO STANDBY

- Storage for 1 month of production in concrete, rebars, equipment ...
- No down time in high wind and rain
- Loadout and offloading inside basin, barge grounded

MAXIMIZATION of Productivity:

- Two lines working in parallel
- Concrete Precast workshop dedicated out of critical path
- Rebar cut & bent and preassembly workshop to maximise steelworks out of critical path



Serialised construction of concrete substructures



Supply chain opportunities





A cost-competitive and easily scalable solution relying on proven and globally implemented serial fabrication methods

The missing link: Floating substations







The most mature and marketready floating substation on the market

Thank you.

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