

BW Offshore

Setting course to renewable energy with BW Ideol

2 June 2021

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BW OFFSHORE



BW Offshore at a glance

- Eight decades of maritime heritage and 40 years of offshore energy production experience
- Successful execution of 40 FPSO/FSO projects world-wide
- Substantial in-house energy engineering, operations and business development capabilities
- Active fleet of 10 FPSOs currently producing ~525,000 boe per day
- Significant cash flow visibility with a firm revenue backlog of USD 7.0 billion
- The company has utilised its leading maritime experience to enter the floating wind segment by investing in BW Ideol, with 53% ownership
- 35.2% owner of separately listed E&P and field development company, BW Energy
- Listed on the Oslo Stock Exchange since 2006 with a current market capitalisation of USD ~725 million



North America

- BW Pioneer | US | Murphy Oil
- Yùum K'ak'Nàab | Mexico | Pemex

Brazil

- BW Cidade de São Vicente | lay-up
- FPSO Polvo | PetroRio

Europe

- BW Catcher | UK | Harbour Energy
- BW Athena | lay-up

Africa

- Sendje Berge | Nigeria | Addax
- Abo FPSO | Nigeria | AGIP/ENI
- Espoir Ivoirien | Ivory Coast | CNR
- Petróleo Nautipa | Gabon | VAALCO
- BW Adolo | Gabon | BW Energy

South East Asia & Oceania

- BW Joko Tole | Indonesia | KEI
- Umuroa | lay-up
- BW Opportunity | in yard

Staying relevant in a changing landscape



Strategic objectives

Evolving core business as (oil and) gas will remain an integral part of the global energy mix

Capturing energy transition opportunities by developing adjacent business areas

Financial objectives

Predictable 15% ROE

Cash flow visibility

Reduced cost of capital

Value growth
for all
stakeholders

Three focus areas

Maximise value from existing FPSO fleet and BW Energy

- Contract extensions and redeployments
- Value creation in cooperation with BW Energy
 - Dividend potential as a ~35% shareholder
- Sell or recycle units if redeployment opportunities do not materialise

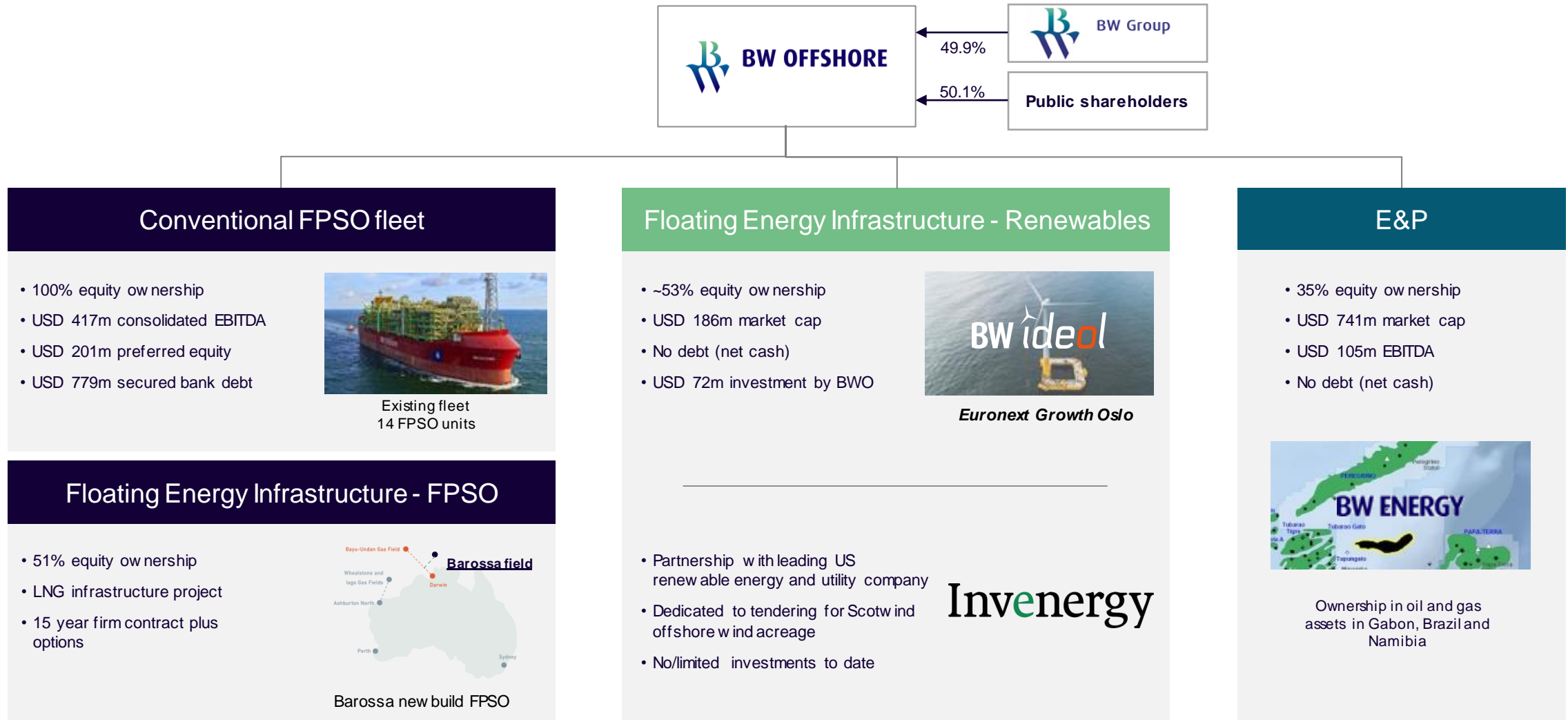
Transition to 'Floating Energy Infrastructure' investments

- Long-term FPSO lease contracts meeting strict return requirements with strong counterparties
- Offshore floating wind developments
- Entry into similar energy infrastructure markets based on partnership models

Exploring new ventures

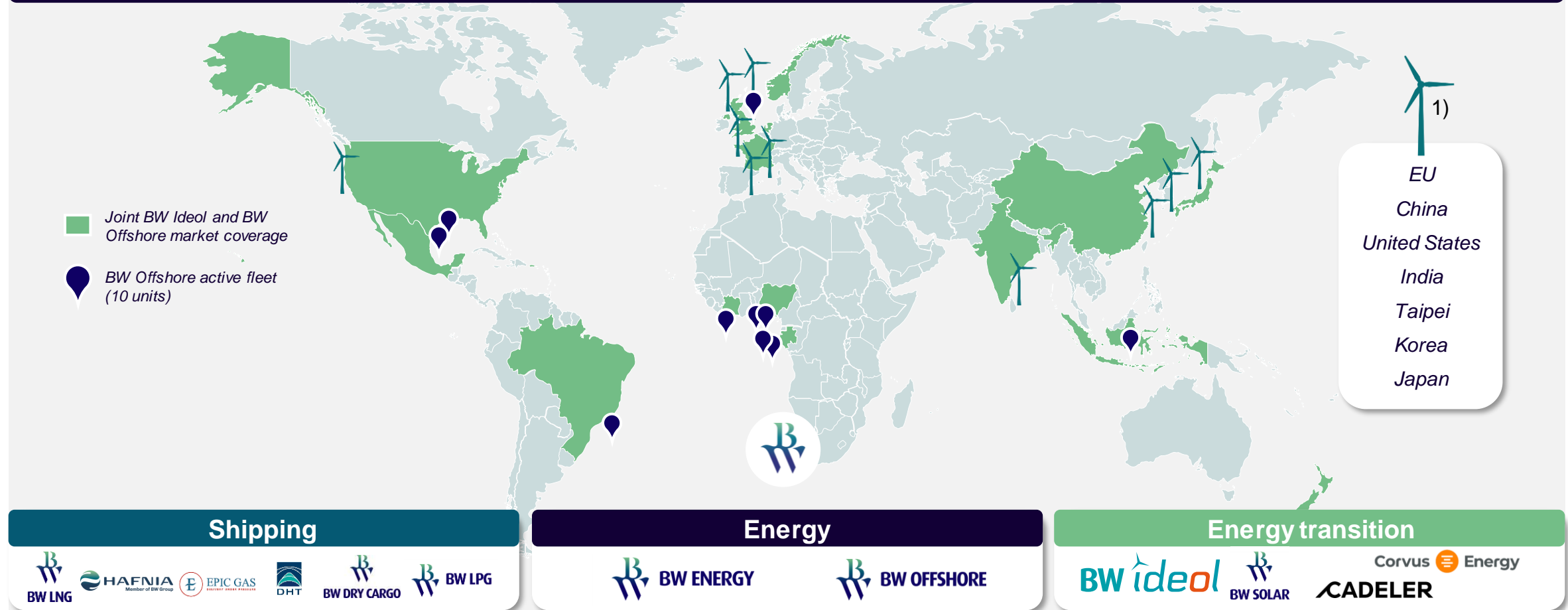
- Several opportunities identified to apply financial, development and operational capabilities to transition related offshore production solutions
- Disciplined approach
- Accessing appropriate capital sources

Transitioning to floating infrastructure with high quality counterparties



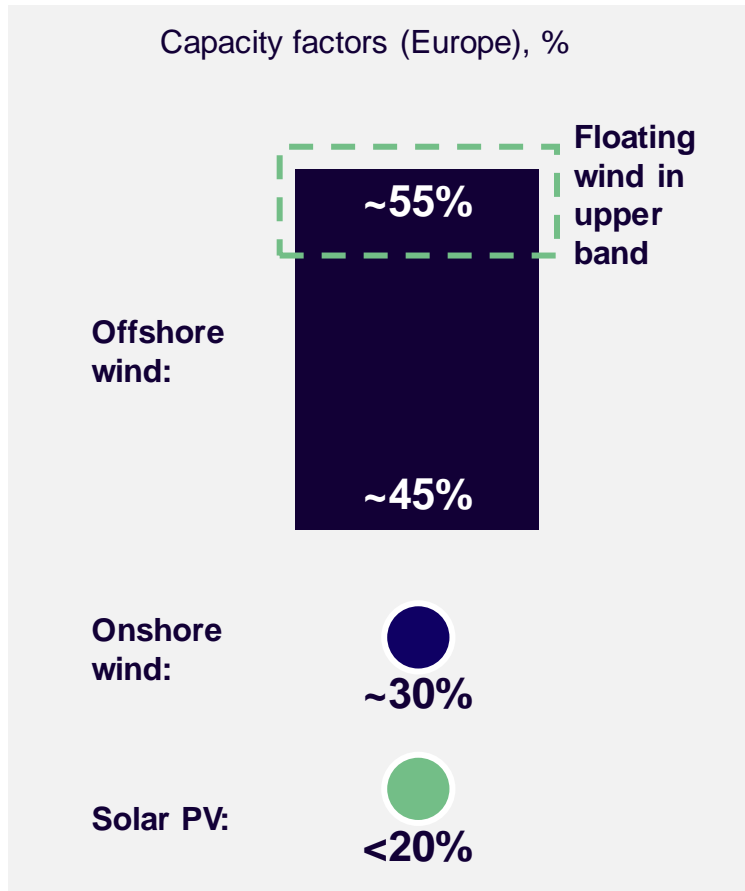
Floating wind next natural step of the BWO and BW Group transformation

BW Group with 80 year track-record in the maritime space

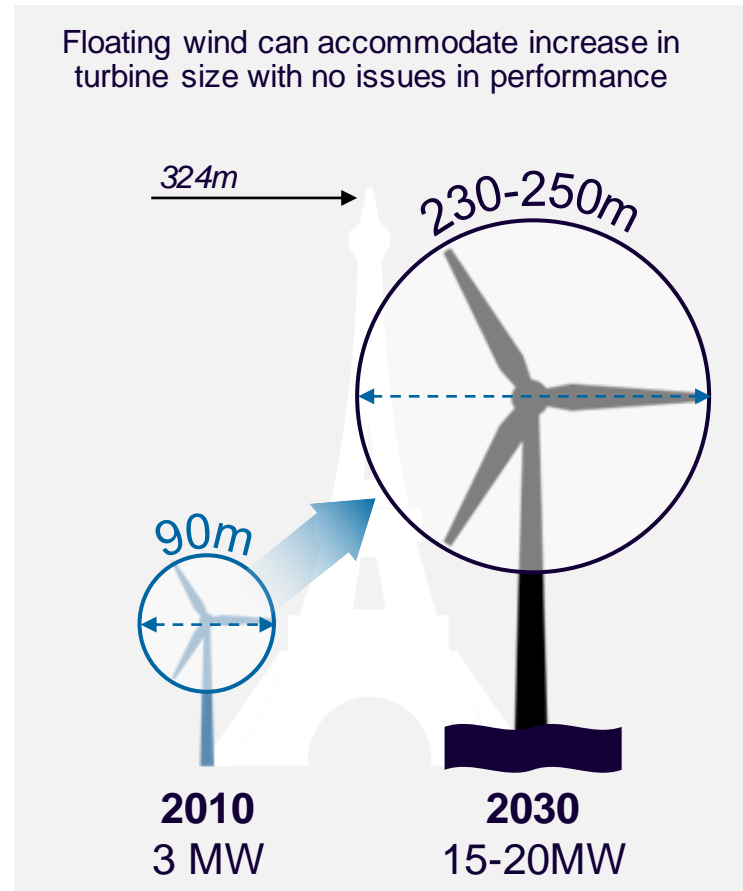


1) Countries with policies targeting at least 10 GW of offshore wind by 2030 | Source: Offshore Wind Outlook (2019)

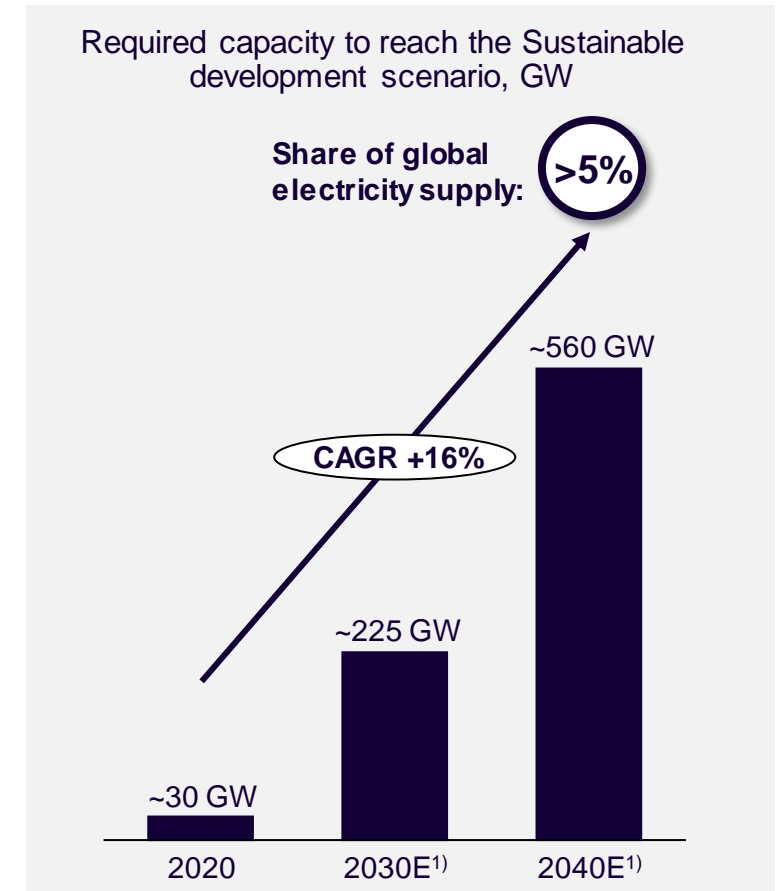
Floating offshore wind will be a major contributor to the energy transition



Superior production performance...



...with large scaling potential to drive supply...



...to meet underlying demand

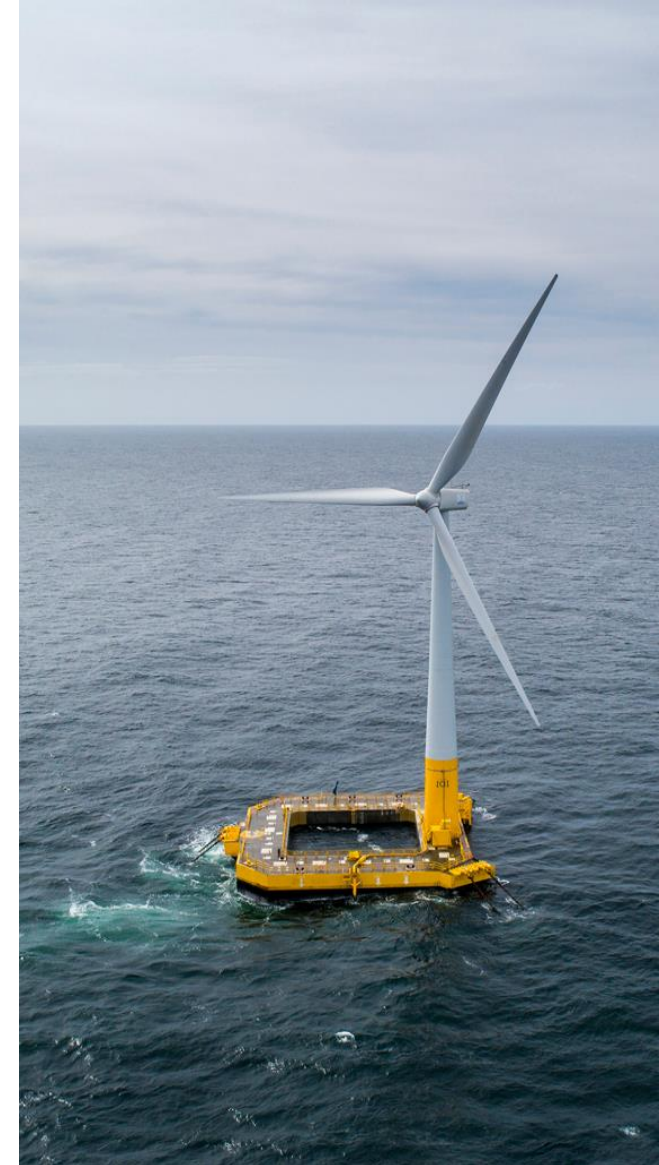
1) Source: IEA (2019) Offshore Wind Outlook 2019



**A catalyst for
accelerating
growth within
renewable
energy**

BW Offshore invested USD 72 million in Ideol to create a floating offshore wind champion

- Combination of BW Offshore's experience with Ideol creates a global integrated floating offshore wind company with market-leading capabilities
- Accelerates BW Ideol's growth and value creation potential with BW Offshore as industrial partner
- Targeting 10 GW (gross) of projects by 2030 via extensive pipeline and partnerships
- BWO owns ~53% of the renamed BW Ideol post the capital raise and listing on Euronext Growth
- Leveraging competence and technology through a dual-leg strategy:
 - Project development and co-ownership
 - EPCI and lease provider

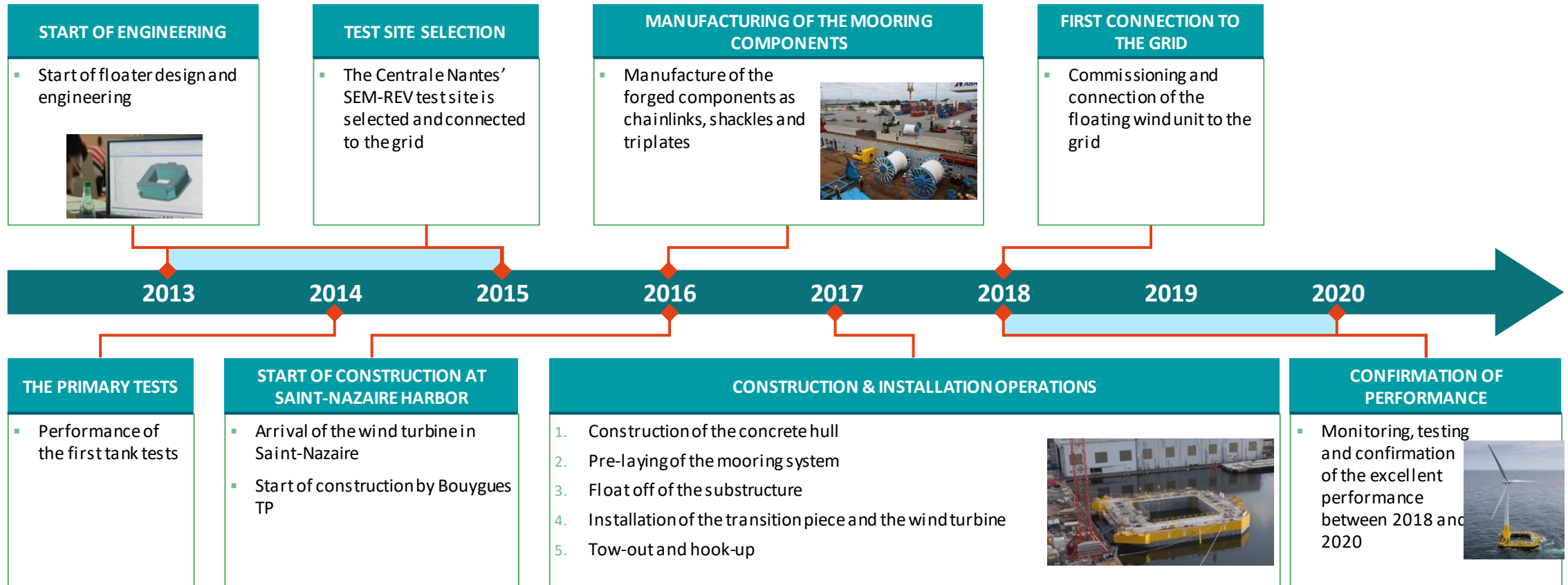


Advantage of being an early mover

- One of the few current players with over 10 years of engineering, execution and maintenance experience in floating wind
- Two full-scale demonstrators in operation in two of the most promising floating wind markets – France and Japan
- Fully proven technology with more than two years of operational experience
- Integrated team of 60 experts in France and Japan
- Sizeable project pipeline as co-developer in Japan, Europe and the US
- 30 MW EolMed project in France with FID expected in Q4 2021



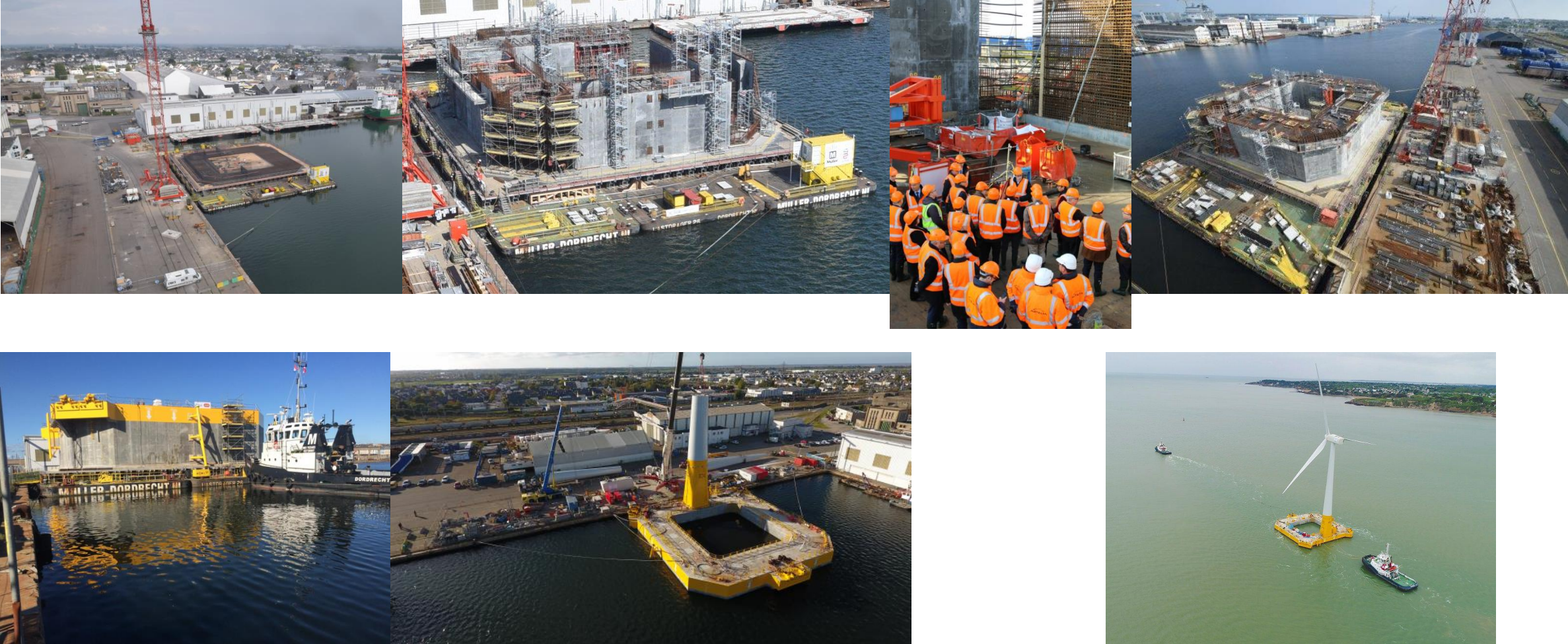
Key dates Floatgen



Vestas



Key innovation : concrete hull and damping pool ®



Production performance

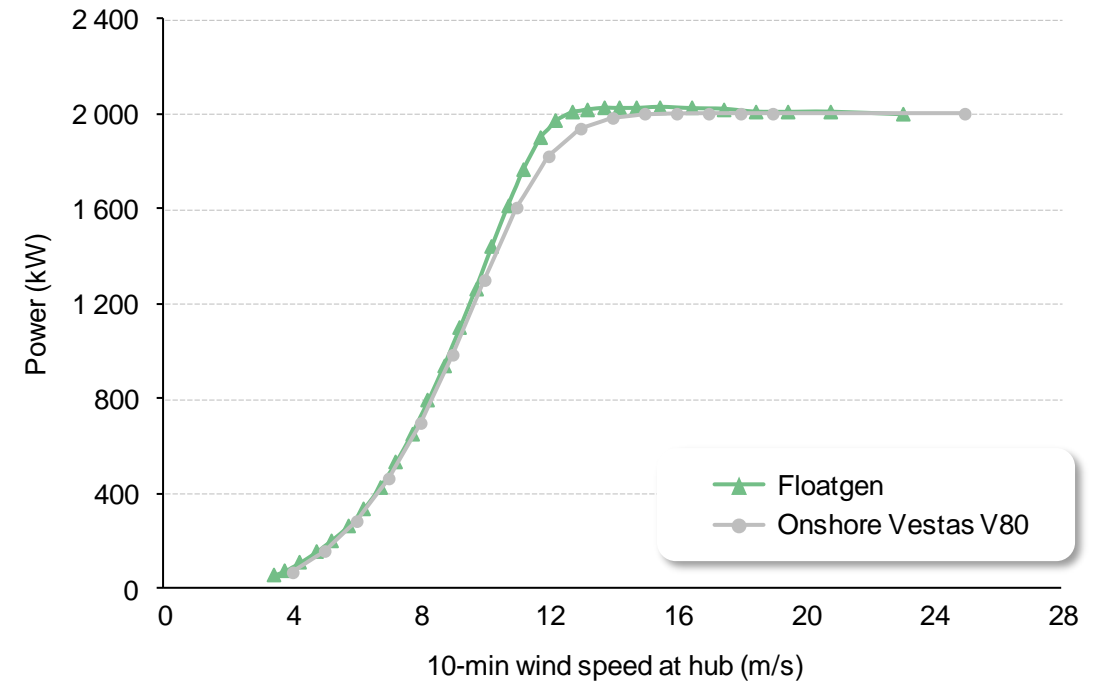
Power Production and Availability Rate

Date	Production (MWh)	Availability (%)
Q1 2019	1192	79,8% ⁽¹⁾
Q2 2019	1207	93,0%
Q3 2019	1324	94,0%
Q4 2019	2271	95,2%
Q1 2020	2343	89,3% ⁽²⁾
Q2 2020	1342	94,8%
Q3 2020	979	78,9% ⁽³⁾
Q4 2020	2169	85,2%
Q1 2021	2015	91,7%

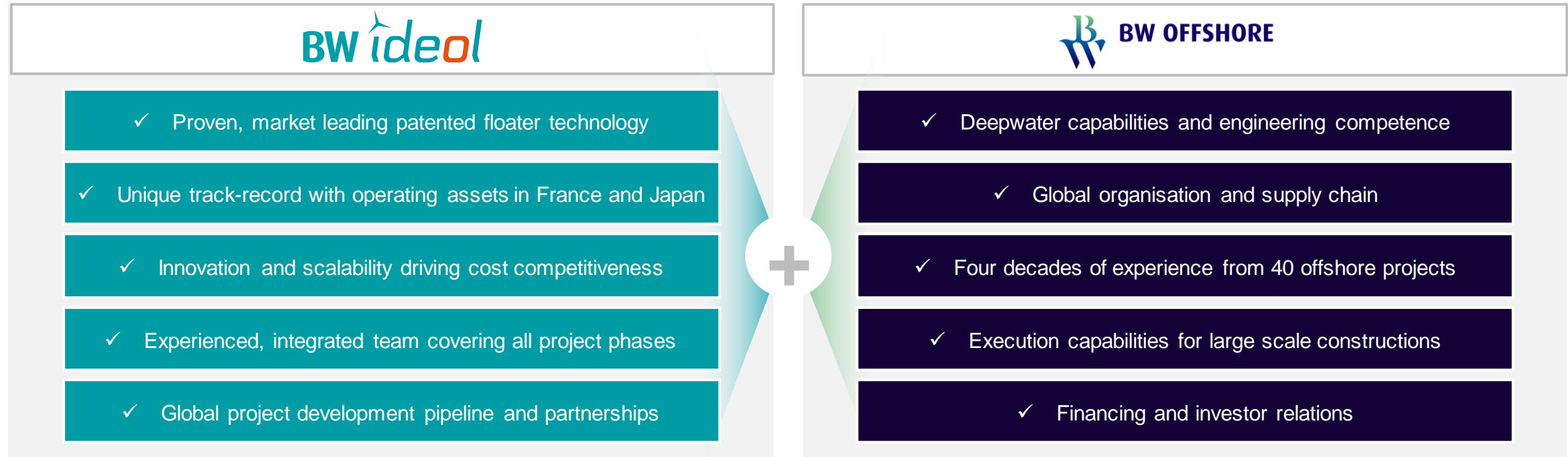
1. Onshore substation power outage in 03/2019.
2. Stop due to fire detection system tripping in 01/2020.
3. Floatgen ML1&2 maintenance operations

- Up to end of Q1 2021, Floatgen has produced a **total output of 14.8 GWh**
- The average capacity factor is **92.3 %**.
- Floatgen faced maximum wave heights of up to 12.5m (significant waves are accounted as up to 6.5m), further **confirming the seakeeping performance of the Damping Pool design**

Turbine power curve



BW Ideol and BW Offshore- highly complementary companies



**Strengthened project
development capabilities**

**Enhanced execution model
ensured through BW
Offshore partnership**

**Access to BW ecosystem
enabling scale in
capabilities and technology**

**Improved industrial
development track record
through backing by BW
offshore**

...strengthening BW Ideol's position in each phase of the asset lifecycle



BW *ideol*

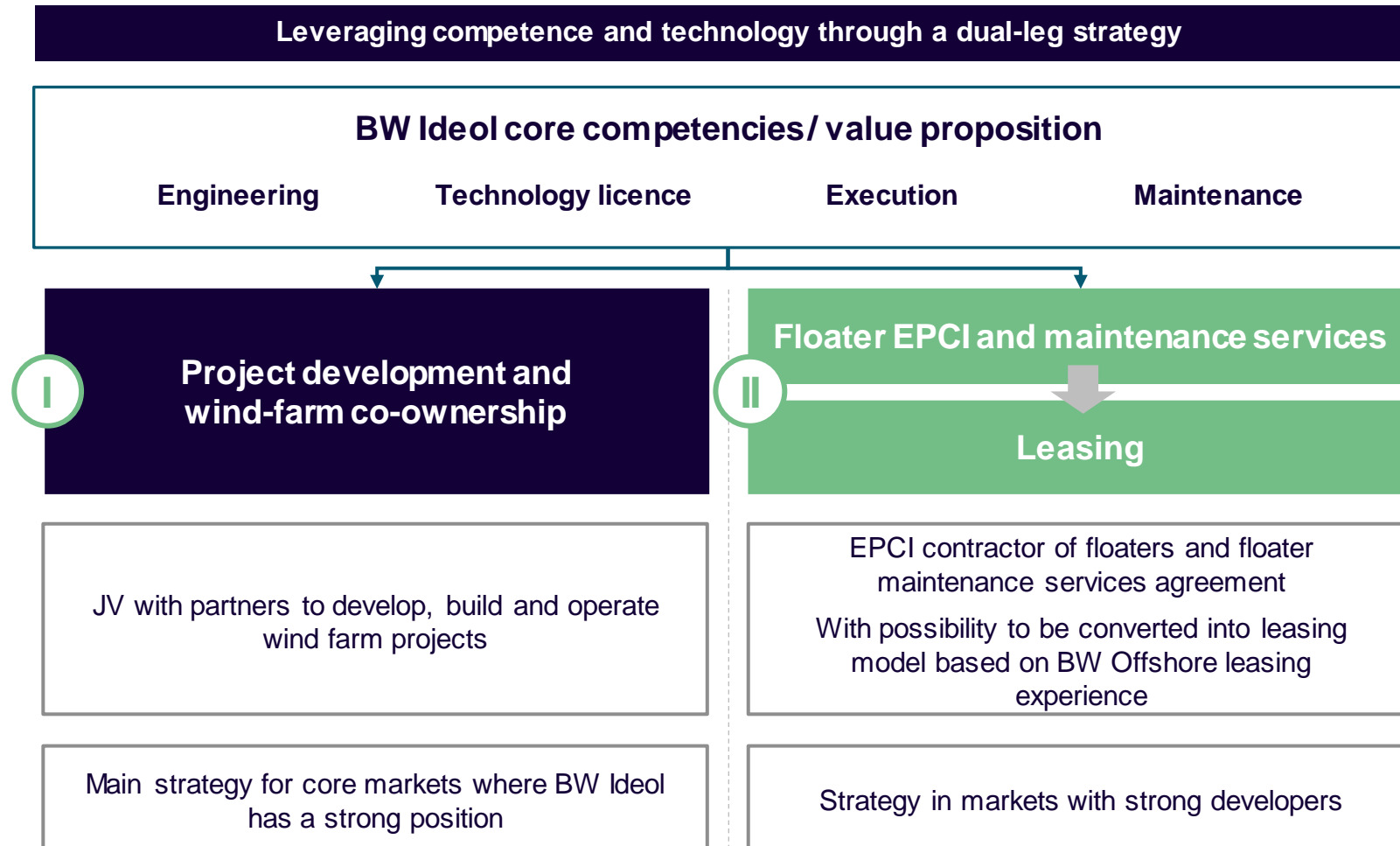
- BW Ideol will take lead on projects through development, execution and operations
- Existing team of 60 employees with focus on engineering, technology / innovation, project development and operations



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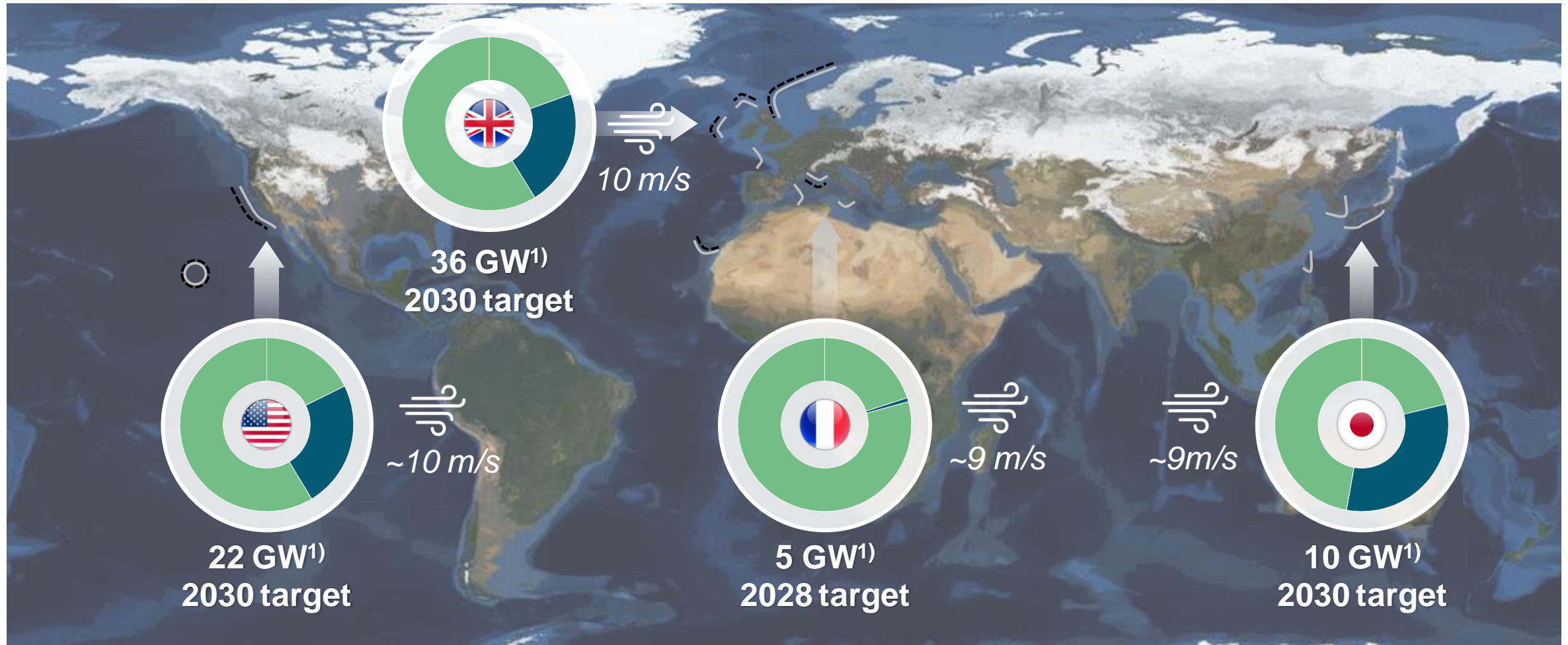
- Global frame agreements at arms-length established, giving BW Ideol access to the whole BW platform
- Providing BW Ideol with support in supply chain, engineering, technology, operations and IR amongst other

A dual-leg business model focused on long-term ownership



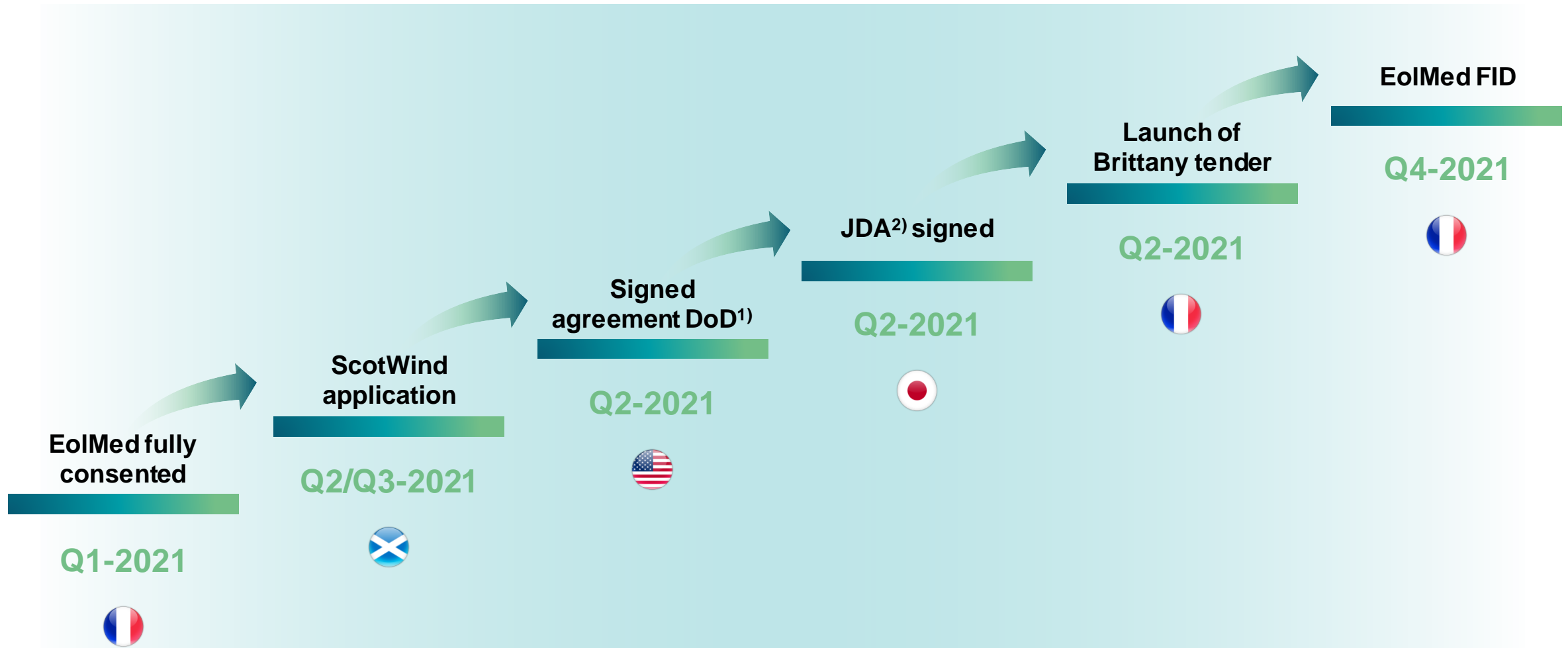
- Overarching goal to be a long-term owner of floating wind assets
- Capital intensive strategy focused on ensuring agile and optimal deployment of investments
- Business model focused on long-term recurring cash flows
- Two execution paths:
 - Co-develop projects in JVs
 - Leveraging EPCI capabilities with possibility to become a lessor of floating wind assets (supported by BW Offshore's FPSO business experience)

Floating wind markets are materialising now...



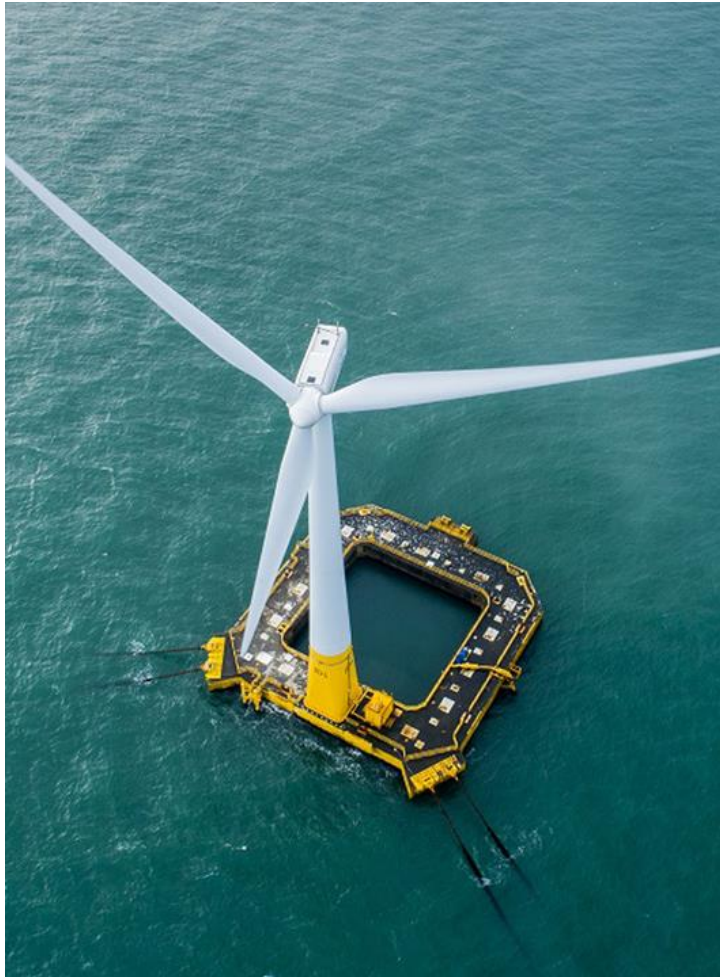
1) Offshore wind policy targets | Source: Visible Earth topography and bathymetry; Global Wind Atlas; IEA 2017, IEA (2019) Offshore Wind Outlook; Our world in data

Targeting several near term milestones in key markets



1) Department of Defense; 2) Joint development agreements

BW Ideol is ideally positioned to win upcoming tenders



Fully proven competitive floating wind technology

Cost competitiveness and high energy yield



Unique inhouse competence on floating wind

+10 years of experience from engineering and supporting floating offshore wind projects from conception to installation



Ready for scale

Proven serial production methods and high local content



Strong and expanding partnership portfolio

Partnerships with BW Offshore and local utilities strengthening positioning



Early mover position

Relationships with local governments and suppliers established in key markets

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Q&A

**We engineer offshore
production solutions to
progress the future of energy.**