



# Capital Markets Day

17 March 2023



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**OFFSHORE  
FOUNDATIONS**

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In this presentation, an "A" included after a reference to a financial year is used to indicate that the figures are actual figures and an "E" included after a reference to a financial year is used to indicate that the figures are expected / projected figures.

# Management board ready for next growth phase



**Frank Kevenaar**  
COO

Q&A

**Caspar Kramers**  
HR Director

Q&A

**Joost Heemskerk**  
CCO

Q&A

**Ben Meijer**  
CFO

Presenter  
Q&A

**Fred van Beers**  
CEO

Presenter  
Q&A





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# Agenda

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## **Sif Entering New Growth Era**

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**Chief Executive Officer – Fred van Beers**

DAP46

POB



# Sif entering new growth era



## Accelerating Offshore Wind Market

- Drive to energy independence due to geopolitical environment
- Strong political commitment evidenced by planned capacity targets



## Paradigm Market Change

- Shift to next generation 3XL monopile foundation
- Significant monopile foundation supply-demand imbalance



## Becoming the Absolute Market Leader<sup>(1)</sup>

- Expansion investment to capitalize unprecedented market momentum
- Partner of choice due to best-in-class value proposition
- Top-rated ESG and 'green' offshore wind player



## Securing New Growth and Value Story

- EBITDA expected to quadruple to  $\geq \text{€}160\text{m}$  by 2026, which would result in:
  - $\geq 90\%$  cash conversion
  - Payback period within 3-4 years
- Massive expected long-term upside

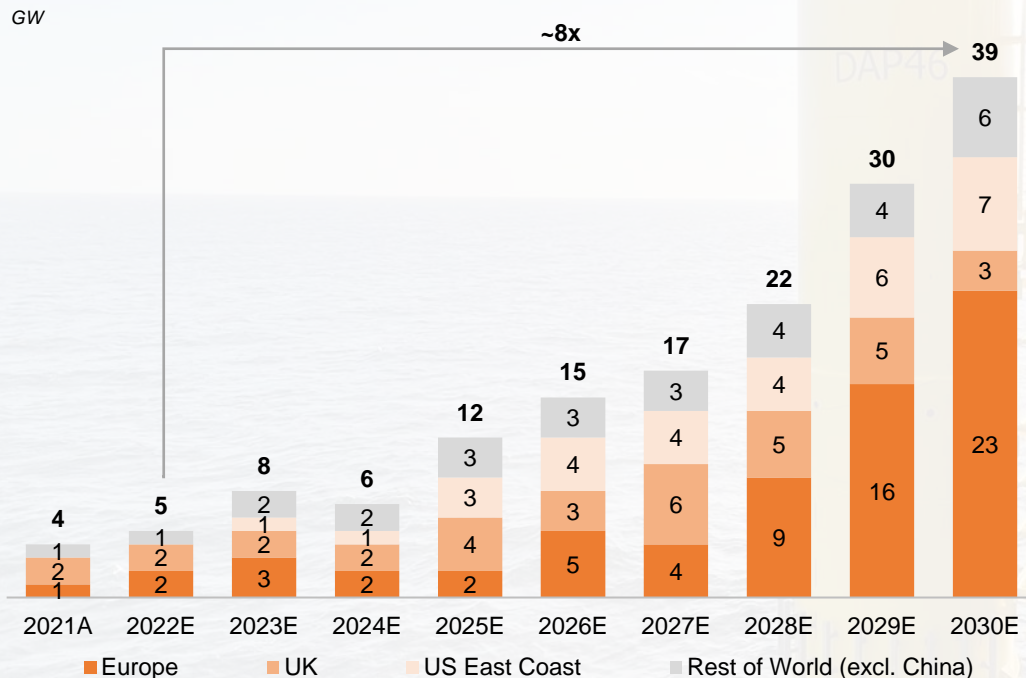
Source: Company information.

Note: 1. Based on expected production capacity outside of China after expansion.



# Accelerating momentum in offshore wind market

## Forecasted global offshore wind capacity annual additions<sup>(1)</sup>



## Policies and targets

- European Green Deal, targeting to increase 2030 installed OSW capacity
- EU's Fit-for-55, reducing greenhouse gas by 55%
- REPowerEU, accelerating clean energy transition
- Cooperation framework between NSEC countries to target 260 GW of OSW by 2050
- Net Zero Act supports local European OSW solution providers
- US Inflation Reduction Act and government initiatives, boosting OSW



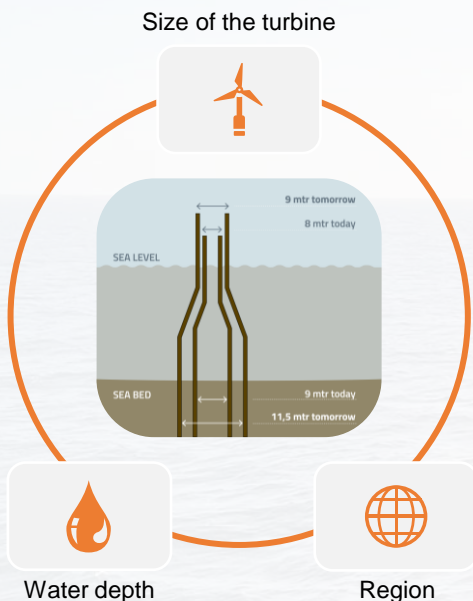
European  
Green Deal





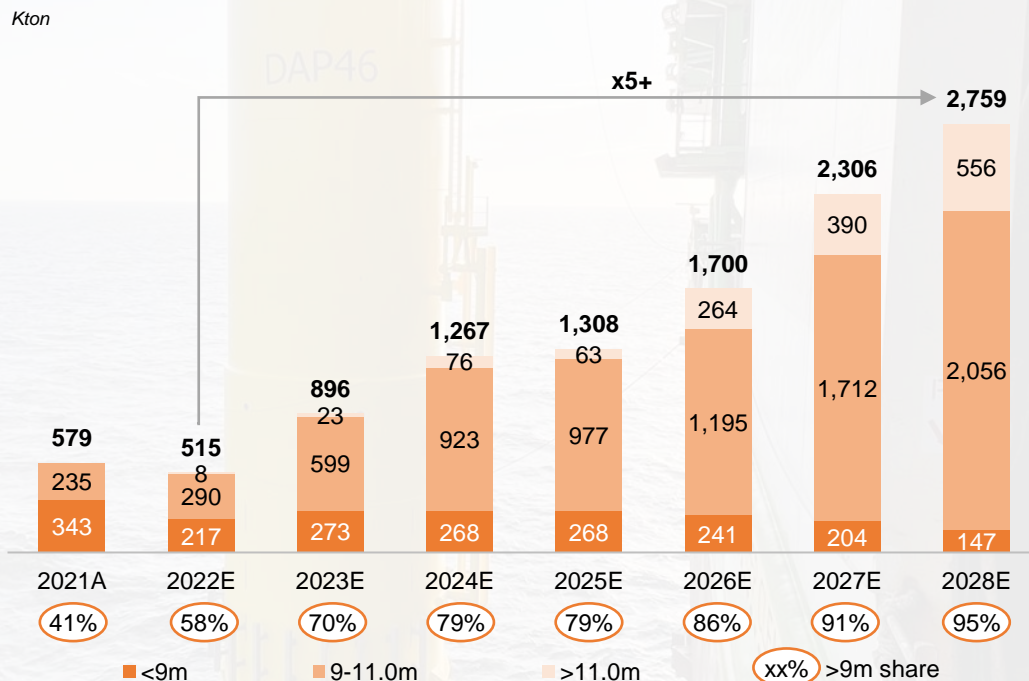
# Shift to next generation 3XL monopile foundation

## MP diameter development

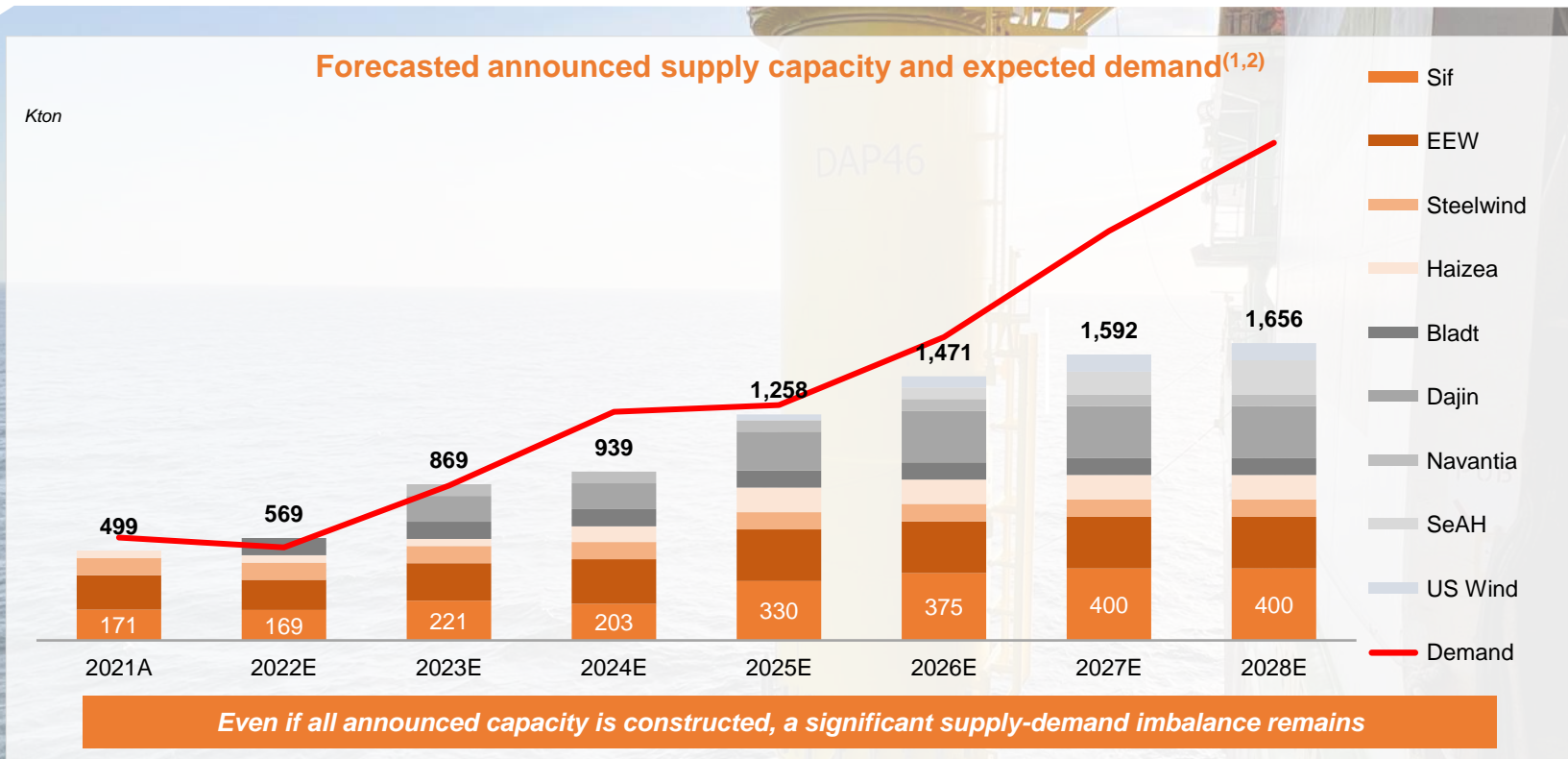


*The top diameter will not exceed 9 meter for the future 20MW+ turbines*

## Forecasted MP market outlook for core markets<sup>(1,2)</sup>



# Significant supply-demand imbalance



Source: Company information, International strategy consultant.

Note: 1. Capacity displayed assuming max. 80% utilization; For Sif the actual and expected production volumes are included; For new facilities a 2 year ramp up period is expected with 33% in year 1, 66% in year 2 and 100% in year 3; For expansion of existing facilities, a 1 year ramp up period is expected with 50% in year 1 and 100% in year 2. 2. US East Coast and Europe including UK.



# Expansion plan expected to reach $\geq$ €160m EBITDA by 2026

## Expansion plan fundamentals



World's largest monopile foundation manufacturing plant



State-of-the-art production technology and optimized production processes



Highest safety and environmental standards



Strong visibility of future projects and pipeline supporting the business plan



Strong support from our customers and cornerstone shareholder



Fully committed, robust and low cost financing in place

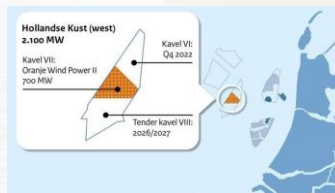
*Strong focus on project execution to be able to deliver on time and within budget*

# Strong partnerships with tier 1 energy customers

## Launching customers



- **278 Ktons** foundations for Empire Wind
- **€50m** advanced payment



- **70 Ktons** foundations for HKW lot VI
- **€50m** advanced payment



**Renewables  
12-16 GW**

**OSW**

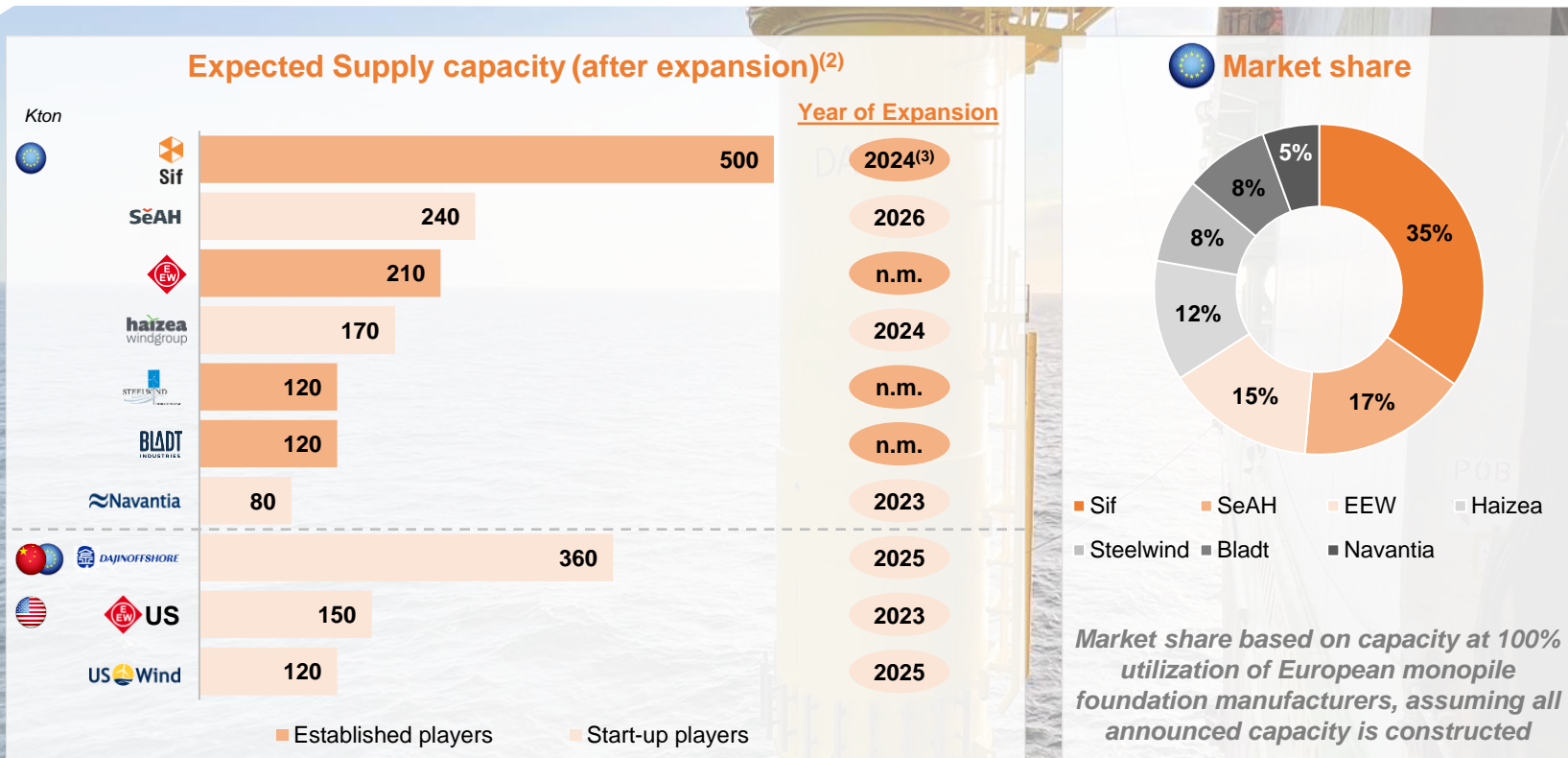
2030E target<sup>(1)</sup>

- Preferred long-term capacity reservation arrangement
- **€50m** preferred equity

*Launching customer projects underpin contribution margin increase*



# Sif becoming the absolute market leader<sup>(1)</sup>



Source: Company information, International strategy consultant.

Note: 1. Based on expected production capacity outside of China after expansion. 2. At 100% utilization, assuming all announced capacity is constructed. 3. Testing and ramp-up in 2024 with plant fully operational in 2025.



# Sif key competitive advantages



1

**Strong track record focused on delivering on time**

2

**4x 3XL MPs per week ensuring shorter lead times and flexibility**

3

**Locked-in long-term customer and supplier agreements**

4

**Strategically located with large deep sea quay and storage capability**

5

**Deep in-house engineering capabilities and technology leadership**



**High entry barriers in MP foundation market**



**Partner of choice of recurring customer base**



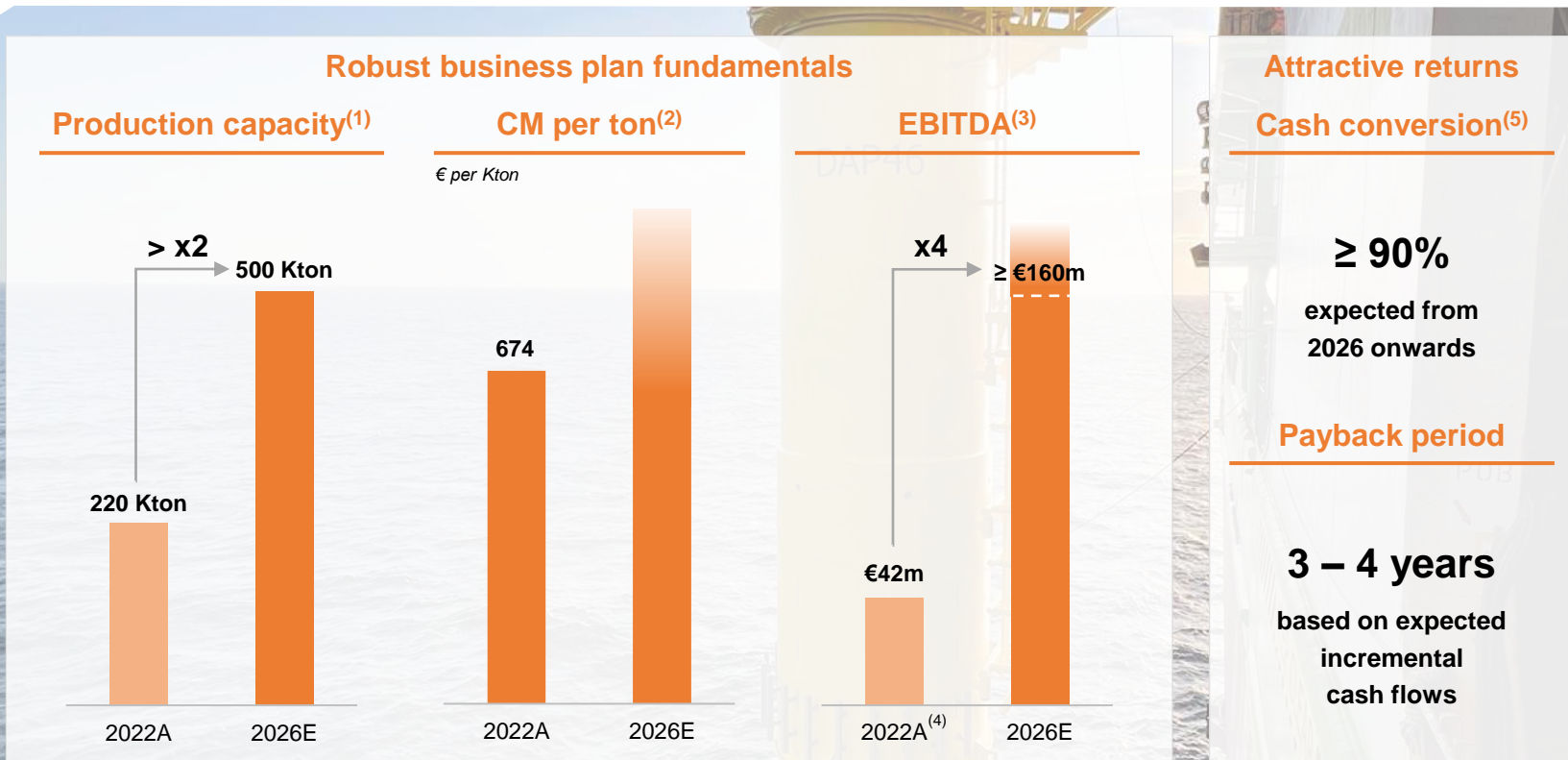
**Strong visibility of orderbook and pipeline**



**Top-rated ESG and 'green' OSW player**

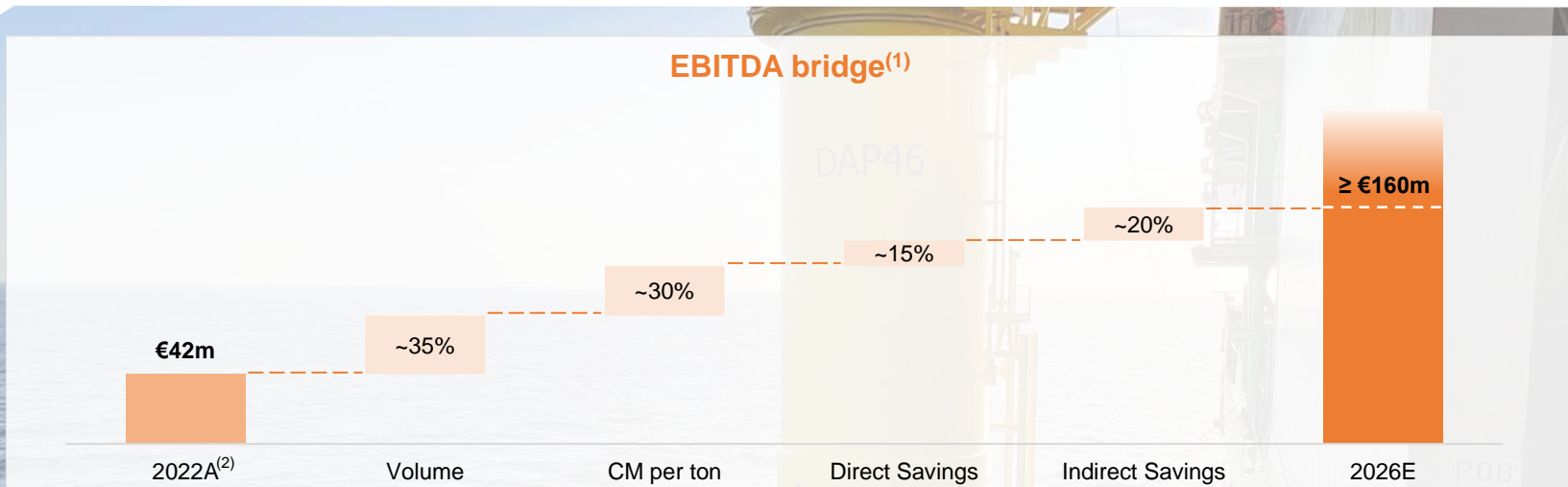


# Expansion plan targeting attractive returns



Source: Company information. Note: 1. At 100% utilization. 2. CM per ton corrected for marshalling and engineering activities. 3. Earnings before interest, tax, depreciation and amortization (applies to the entire presentation). 4. Adjusted EBITDA; adjusted for expenses related to the research into and preparations for expansion plans (applies to the entire presentation). 5. Cash conversion defined as (EBITDA - Capex) / EBITDA.

# ≥ €160m expected EBITDA underpinned by locked-in projects and pipeline



## Key highlights



**348 Kton of offtake volumes at locked-in higher CMs**



**Strong tender visibility (more than we can handle)**



**Cost pass-through and escalation mechanisms**



**Substantial efficiency gains and operational leverage**

Source: Company information.

Note: 1. Taking 'volume' as an example: ~35% of the expected EBITDA increase between 2022A and 2026E is expected to come from the increase in volume between 2022A and 2026E. 2. Adjusted EBITDA.





# Key Takeaways



**Accelerating  
Offshore Wind  
Market**



**Becoming the  
Absolute Market  
Leader<sup>(1)</sup>**



**Confident in our  
Expansion Plan**



**Attractive Returns  
and Growth  
Prospects**

*Source: Company information.  
Note: 1. Based on expected production capacity outside of China after expansion.*



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## State of the Art Manufacturing Process Solutions

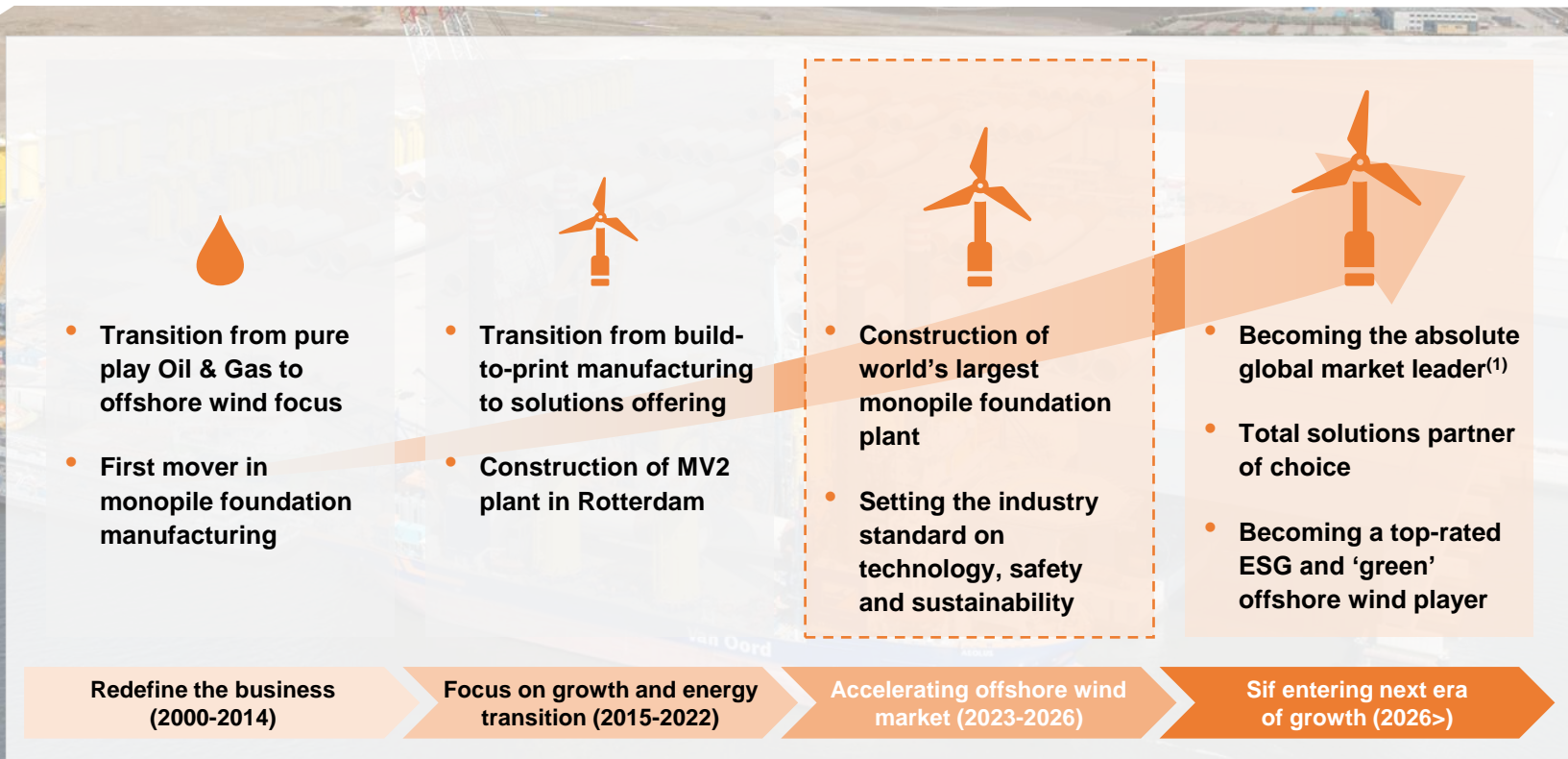
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Chief Executive Officer – Fred van Beers





# History of pioneering and leading the industry



Source: Company information.

Note: 1. Based on expected production capacity outside of China after expansion.



# 3+ Years of preparation with best-in-class partners

## Basic principles

- Solve key challenges on safety and logistics and increase quality and reliability robustness
- Best use of existing buildings & equipment
- Operational excellence and cost efficiency

## Monopile foundations

- Ability to manufacture next generation 3XL monopiles with a diameter up to 11.5m

## Key partners

- University professors and experts, industrial specialists and engineering advisors

*Different concepts on process and layout were explored with key parties*

## Expansion plan fundamentals



Detailed, substantiated factory design verified by external experts / advisors



Smart combination of mainly existing technology tailored to our requirements



Mostly a greenfield investment limiting integration activities and downtime



Lessons learned from 20+ years of experience and MV2 construction



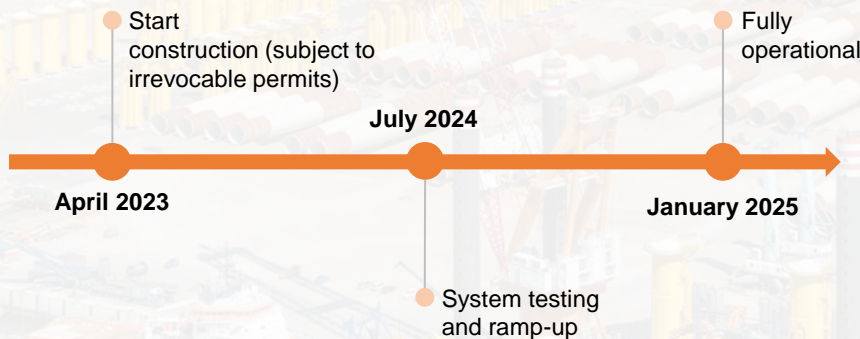
Designed with optionality to efficiently scale up



Dedicated project management team outside normal day-to-day business

# Strong focus to deliver on time and within budget

## Envisaged timeline



- Ample buffer time available during construction phase for unforeseen setbacks
- Capex based on contracts with price and delivery slot lock-in from reputable construction parties and equipment suppliers with excellent track records
- Appropriate contingencies in place to limit risk of cost over-run

## Factory layout



**€328m**  
Capex

**€112m**  
Building

**€216m**  
Equipment

# Employees are key to achieve our plan

## Recruiting 200 additional direct FTEs

+80  
FTEs



### Transfer

Transfer of employees from Roermond to Rotterdam



### Contracted temporary staff

Through strategic resource partners (master vendor)



### Direct sourcing

Increase success rate of recruitment process

+120  
FTEs



### Vocational trajectories

Setting up vocational trajectories with educational partners



### Re-deployment

Re-deployment of alternative resource groups

## Employee value proposition



Working for a  
green company  
making the energy  
transition



Health & safety of  
highest standards



Market conform  
primary and  
secondary award  
package



Strong focus on  
training &  
development



Commuting and  
housing services

*Building a recognized and distinctive employer brand turning Sif into an employer of choice*



# Limited impact expected from integration



## Limited impact from integration on production

- Mostly a greenfield investment built in parallel of MV2
- Marshalling & logistics services stopped due to plot needs for construction and new factory
- Integration only applies to minor part of existing production
- Substantial downtime scheduled in production schedule



## Ramping-up in a safe and controlled manner

- Most applied technology is well-known and proven in market
- Key staff will be hired and trained in an early stage (>Q2 2023)
- Phased installation and testing of lines in a safe manner
- Extensive testing scheduled to cope with unforeseen setbacks
- Controlled ramp-up of production in 2024



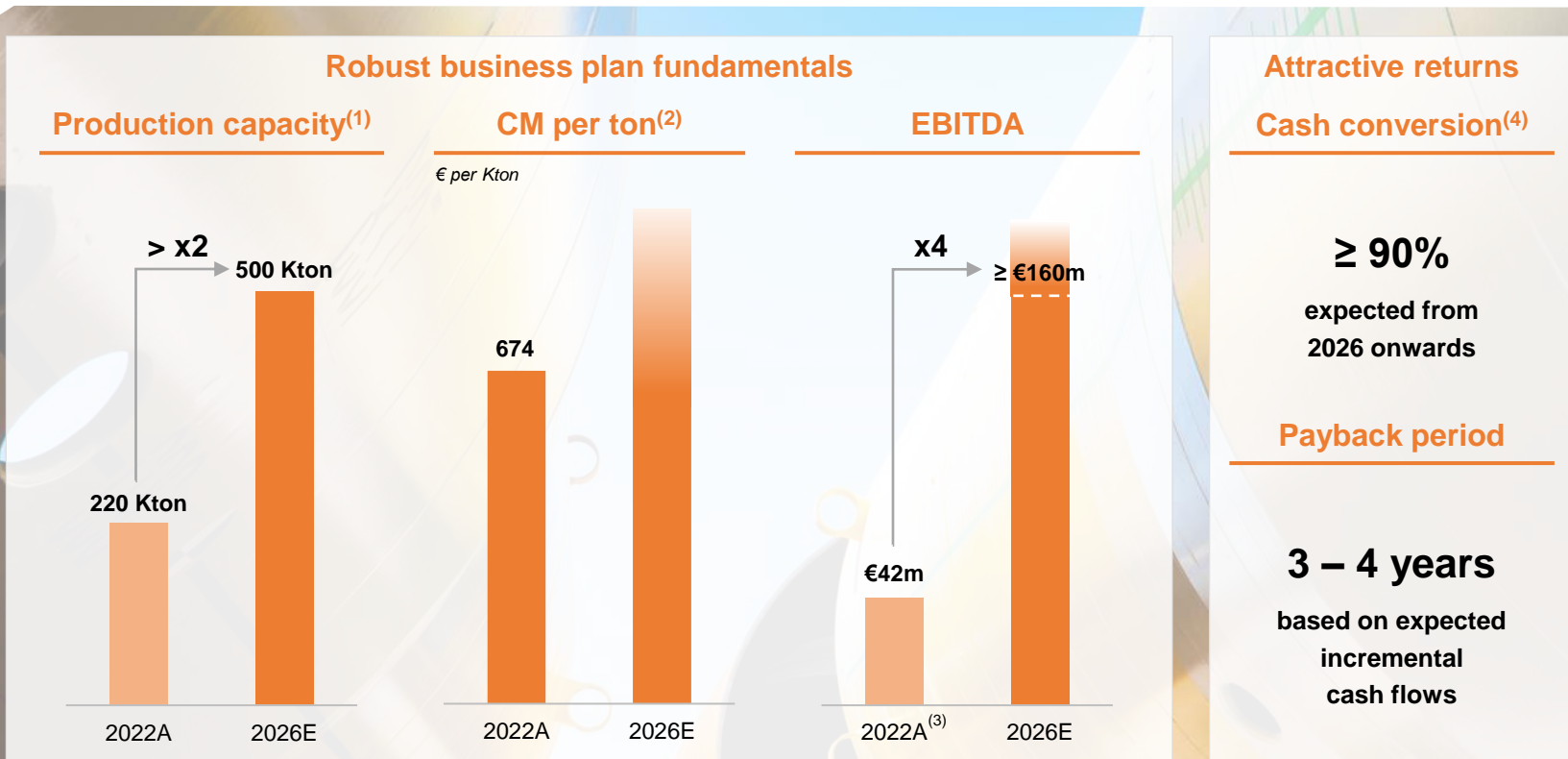
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## **Robust Business Plan Fundamentals Driving Attractive Returns**

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Chief Financial Officer – Ben Meijer

# Expansion plan targeting attractive returns

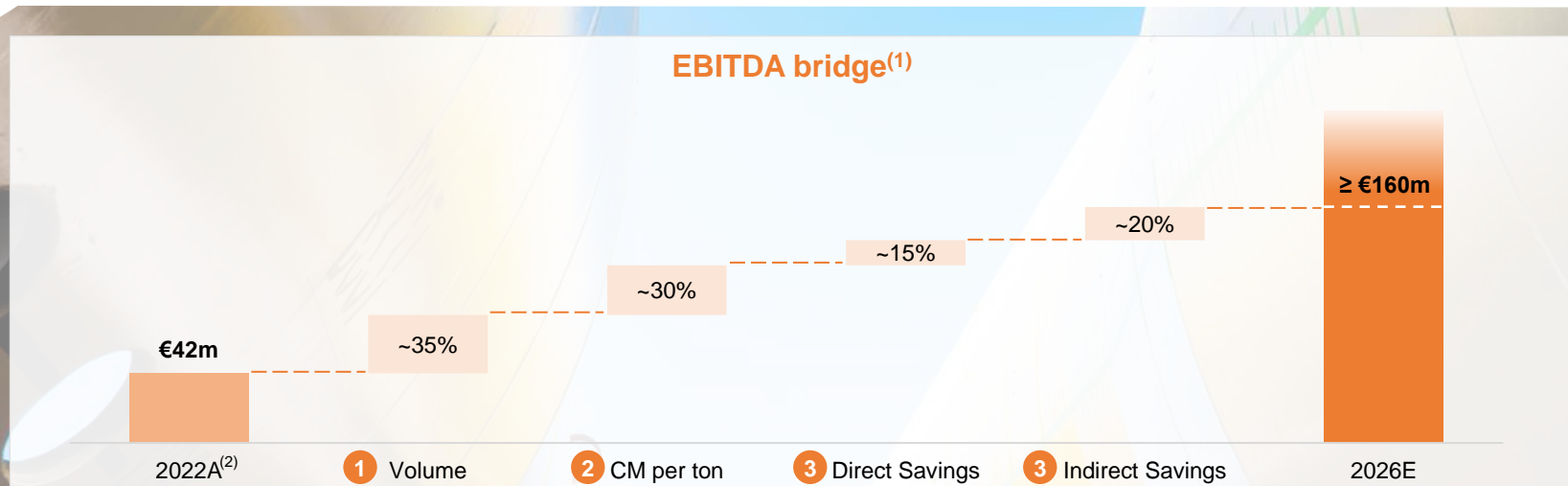


Source: Company information.

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## Key highlights



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**Strong tender visibility (more than we can handle)**

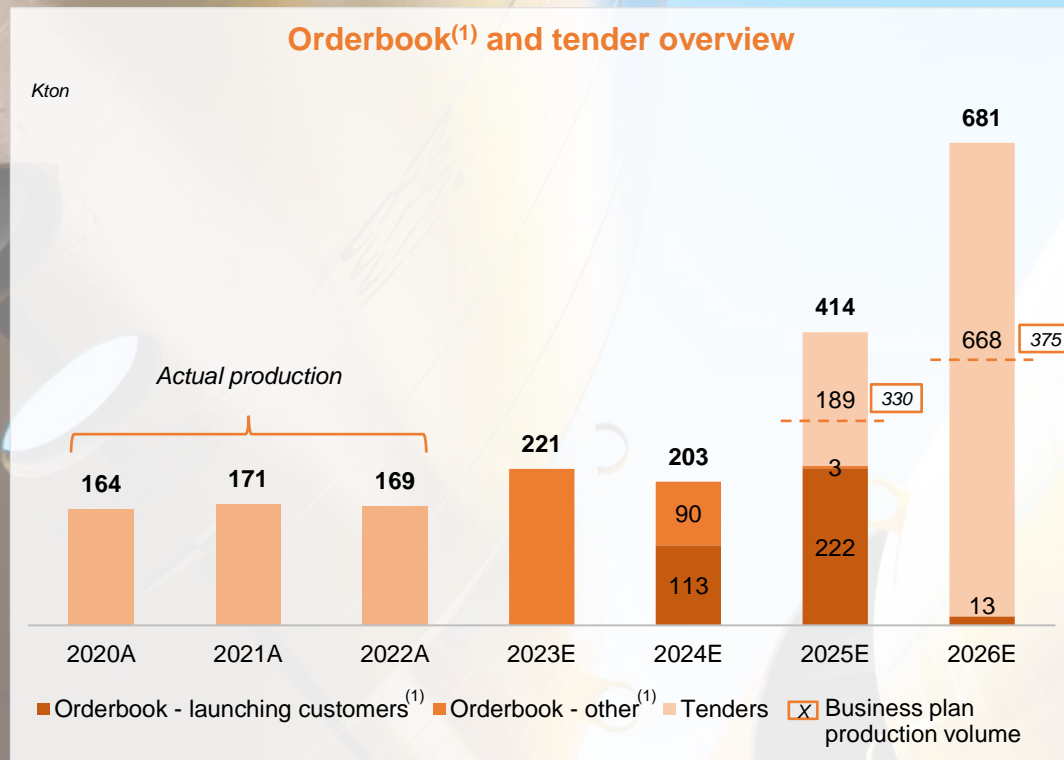


**Cost pass-through and escalation mechanisms**



**Substantial efficiency gains and operational leverage**

# 1 Strong support for targeted 2026 volumes



## Key highlights

- Production volume for 2023 and 2024 fully covered by orderbook
- 2025 production volume for c.70% covered by the orderbook with the remainder more than covered by current tender discussions
- Discussions for 2026 projects already started with tenders substantially exceeding production volume
- First project under the preferred long-term capacity reservation arrangement with Equinor already under discussion as part of tenders
- Substantial back-up pipeline available on-top off currently discussed tenders

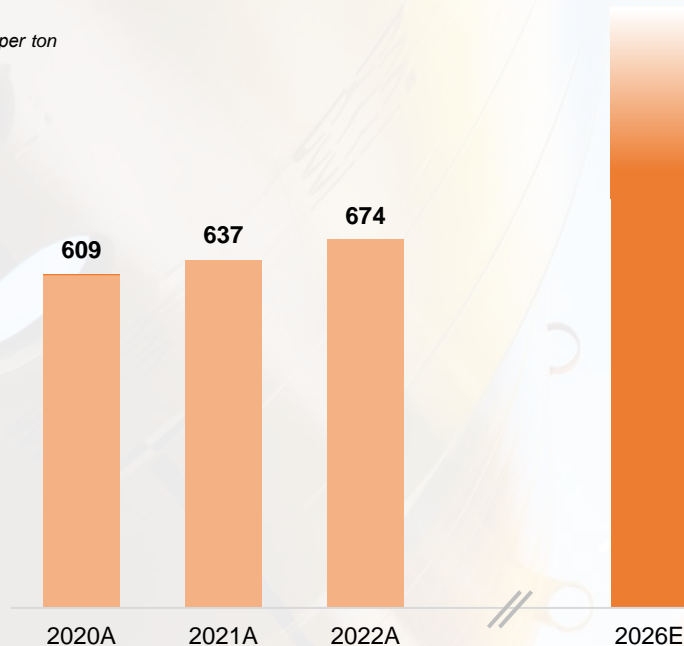


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## 2 Substantially higher CM per ton for 3XL MPs

### Contribution margin per ton<sup>(1)</sup>

€ per ton



### Key highlights

- Substantially higher CM per ton based on launching projects and ongoing tender discussions with customers
- Locked-in higher contribution margins in 348 Kton of launching customers offtake volumes
- Key reasons for higher CMs per ton for next generation 3XL monopile foundations
  - Manufacturing complexity, as 3XL MPs are a completely different product
  - Current and future market dynamics, also resulting in the ability to target only the best projects for Sif
  - Added services 'on-top-of' MP manufacturing

Source: Company information.

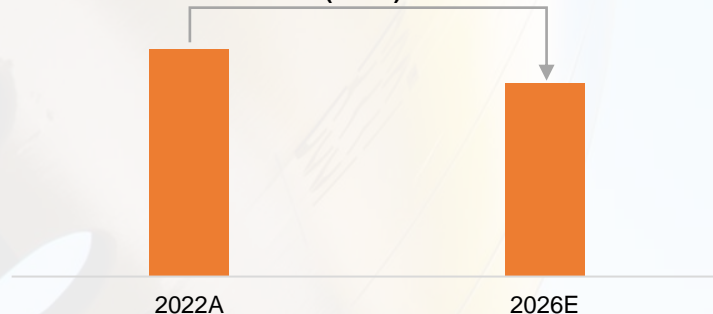
Note: 1. CM per ton corrected for marshall and engineering activities.



### 3 Significant efficiency gains targeted

#### Direct savings per ton

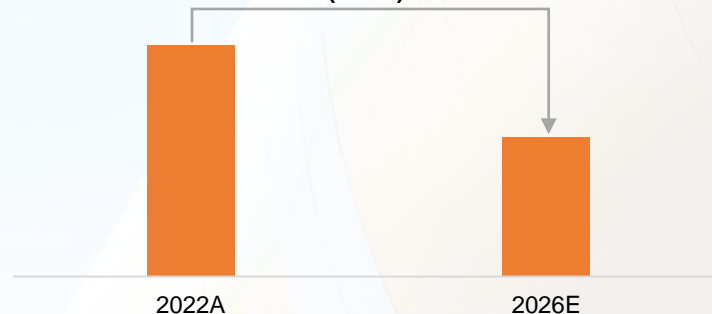
(~15%)



- Efficiency savings partly offset by wage inflation
- New facility built for 3XL MP specifications resulting in improved process efficiency
- Less handling due to a more effective automated process
- Increased Kton per employee due to design change of 3XL MPs

#### Indirect savings per ton

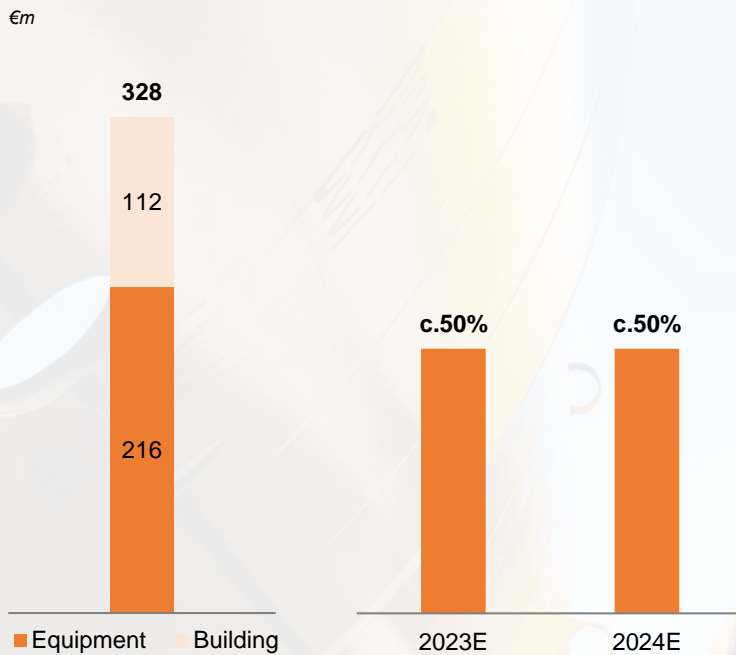
(~40%)



- Volumes expected to more than double, however number of projects and monopile foundations will remain at the same level
- Indirect fixed costs will increase, but substantially below volume growth
- Budget includes selective headcount increases in commercial and support departments

# Appropriate contingencies limits risk of over-run

## Expected expansion capex



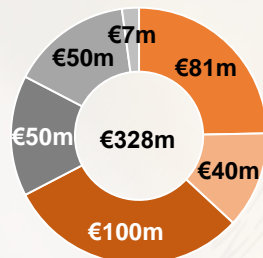
## Key highlights

- Dedicated project management team outside normal day-to-day business
- Detailed, substantiated factory design verified by external experts and advisors
- Capex based on contracts with price and delivery slot lock-in from reputable construction parties and equipment suppliers
- Appropriate contingencies in place

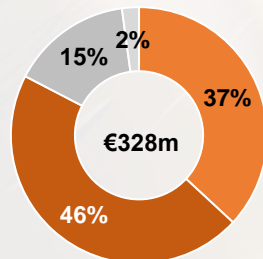


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# Fully committed, robust and low-cost financing



■ Term Debt  
■ Advanced Payments  
■ Common Equity  
■ Leasing  
■ Preferred Equity  
■ FCF and Cash



■ Lending Partners  
■ Launching Customers  
■ Common Shareholders  
■ Sif (cash generation)

## Key highlights



**Fully committed** financing in place



Low cost and **robust funding structure**



€150m of financing **provided by customers** illustrating expansion need



**Plan to redeem preferred equity** before 2028 without call premium (non-dilutive)



Relative small common equity contribution **limiting shareholder dilution**



Cornerstone shareholder **Egeria is supportive of the expansion plan**



**Rightsized RCF and guarantee facility** in line with capital needs



# Mitigating actions to de-risk the plan



## Start-up Delay

- ✓ Dedicated project team outside business
- ✓ Substantial buffer time during construction and testing / ramp-up
- ✓ Controlled ramp-up LC production in 2024



## Cost Over-run

- ✓ Detailed design verified by external experts and advisors
- ✓ Prices and delivery slots largely locked-in
- ✓ Appropriate contingencies



## Filling the Factory

- ✓ 348 Kton offtake volumes from launching customers
- ✓ Significant supply-demand imbalance
- ✓ Long-term framework agreement with Equinor



## Employee Recruitment

- ✓ 80 FTE transfer from Roermond
- ✓ Detailed employer branding and recruitment plan
- ✓ Hired and trained very early on (>Q2 2023)



## Macro Environment

- ✓ Strong political support energy transition
- ✓ Locked-in long-term supplier agreements
- ✓ Cost pass-through and escalation mechanisms

*Expansion plan results in more flexible production, and increased quality and reliability robustness*



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## **Success Factors Helping Us to Achieve Our 2026 Plan and Beyond**

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Chief Executive Officer – Fred van Beers



# Success factors to help us achieve our 2026 plan





# Significant growth potential post 2026

## Substantial and tangible strategic options

### Total Solutions Platform



- Expansion of solutions to include offering to fully circular offshore wind parks
- Additional high-value engineering offering and marshalling & logistics services

### Geographical Expansion



- Expansion to the US to benefit from undersupplied market (partnering)
- Deepen relationship and license agreement with GS Entec

### Capabilities Scale-up



- Expansion to manufacture MPs with a larger diameter in case of market need and appropriate return requirements
- Scale-up of transition piece manufacturing volumes
- Alternative foundations (e.g. tripod) and skybox commercialization



# Sif committed to decarbonize the world

Tier 1 solution providers for offshore wind

NKT

ABB

Vestas



SIEMENS  
Gamesa

Nexans

PRYSMIAN  
CABLES & SYSTEMS

SIEMENS  
energy

Hitachi Energy



Sif

equinor



Empire  
Wind



Eneco

*Our trusted partners*



Sif

Shaping  
tomorrow.  
Performing  
today.

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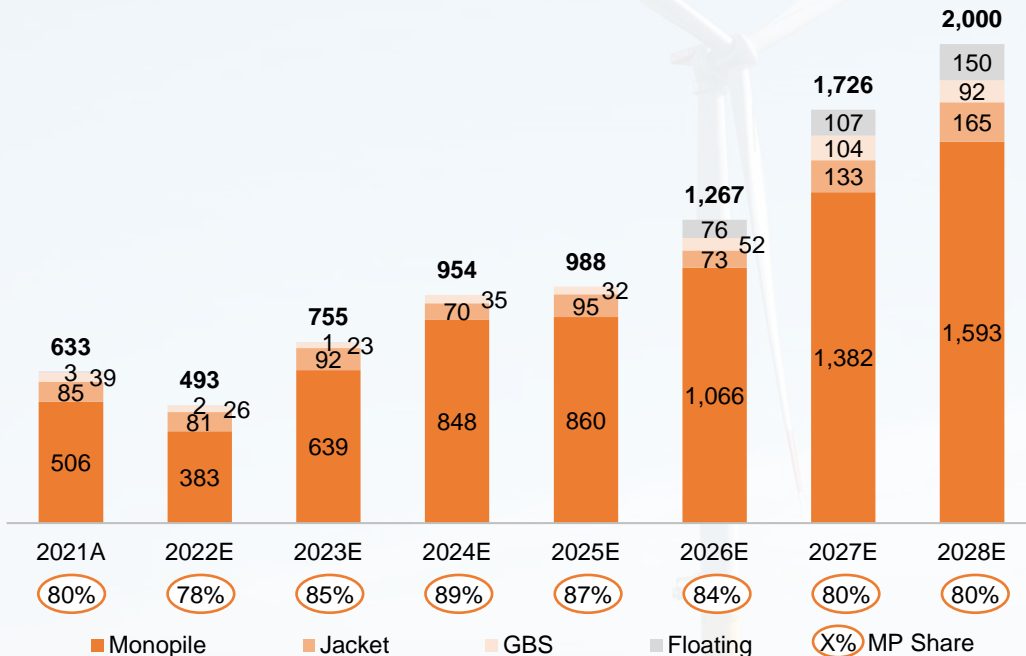
# Appendix – Monopile foundation market



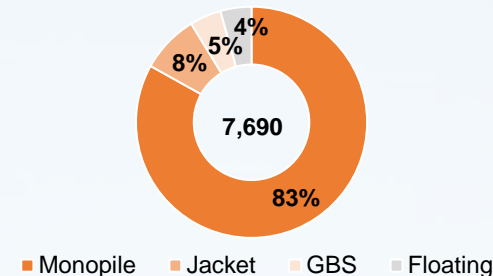
# Monopiles remain preferred foundation

## Projected foundation market outlook of core markets<sup>(1)</sup>

# of Foundations



## 2023E – 2028E foundation split



## Key highlights

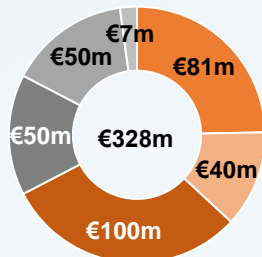
- Preferred foundation from both a reliability and a cost perspective
- Cost advantage of MPs vs jackets driven by CAPEX and installation costs
- Economics of floating and GBS demonstration projects not paying off

# Appendix – Funding structure

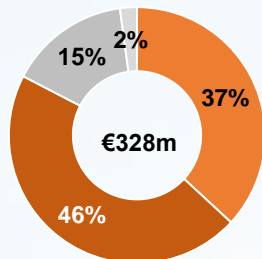




# Fully committed, robust and low-cost financing



- Term Debt
- Advanced Payments
- Common Equity
- Leasing
- Preferred Equity
- FCF and Cash



- Lending Partners
- Launching Customers
- Common Shareholders
- Sif (cash generation)

## FCF and Cash – €7m

- Cash on balance and cash earned corrected for advisory and project costs

## Term Debt – €81m

- 6-year amortizing term loan

## Leasing – €40m

- New rolling, cutting and milling machinery and logistics equipment

## Advanced payments – €100m

- Launching customers support financing and provide committed production

## Preferred equity – €50m

- Issuance of preferred equity linked to capacity reservation arrangement

## Common equity – €50m

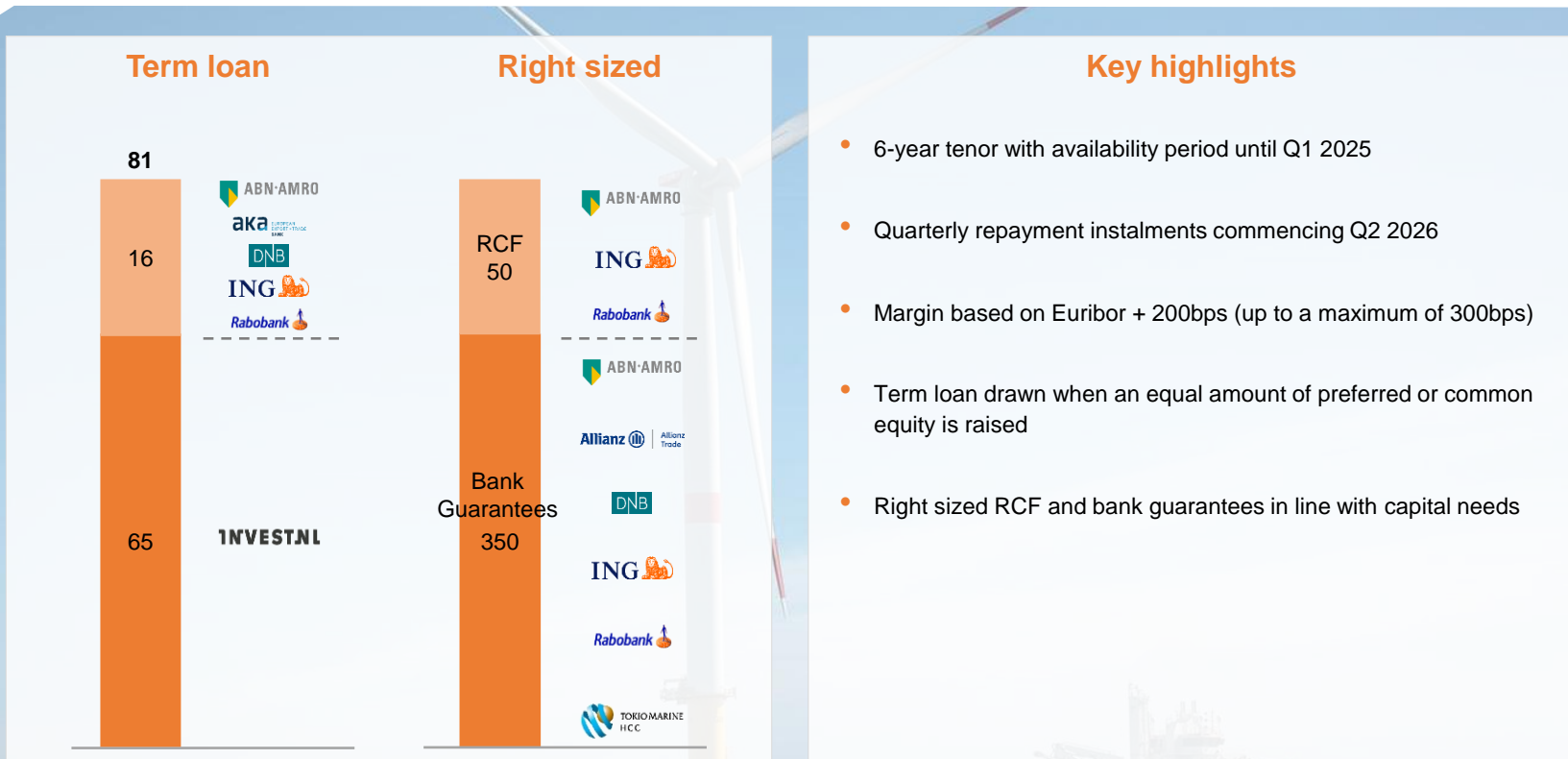
- Issuance of common equity through a rights offering<sup>(1)</sup>





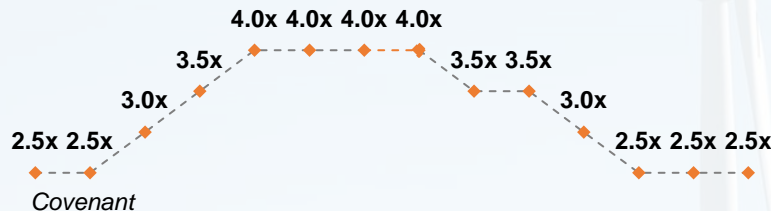
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# Flexible term loan with 6-year tenor



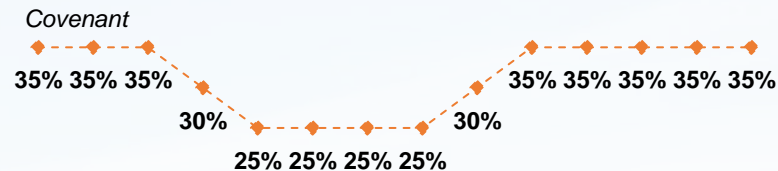
# New covenants tailored to construction phase

## Net leverage covenant



'23 Q1	'23 Q2	'23 Q3	'23 Q4	'24 Q1	'24 Q2	'24 Q3	'24 Q4	'25 Q1	'25 Q2	'25 Q3	'25 Q4	'26 Q1	'26 Q2
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## Solvency covenant



'23 Q1	'23 Q2	'23 Q3	'23 Q4	'24 Q1	'24 Q2	'24 Q3	'24 Q4	'25 Q1	'25 Q2	'25 Q3	'25 Q4	'26 Q1	'26 Q2
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*Sufficient headroom during the construction phase expected, followed by a return to current levels*



# Strong support from tier 1 energy customers

## Advanced factory payment

Empire Wind



**Amount:** €50m

**Project size:** 278 Kton

**Project execution:** 2024-2026

## Key highlights

- Strong commitment demonstrating increased focus on securing capacity given market imbalance
- Advanced factory payments connected to capacity reservations
- EBITDA and cash flow performance in 2025 expected to be sufficient to settle €100m

## Advanced factory payment

HKW lot VI

Ecowende

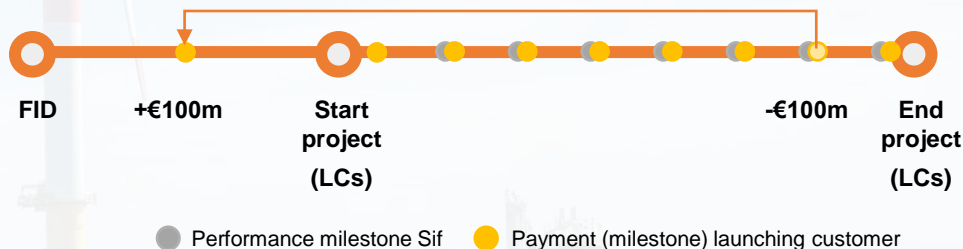


**Amount:** €50m

**Project size:** 70 Kton

**Project execution:** 2025

## Illustrative timeline



# Strong support from tier 1 energy customers

## Preferred equity



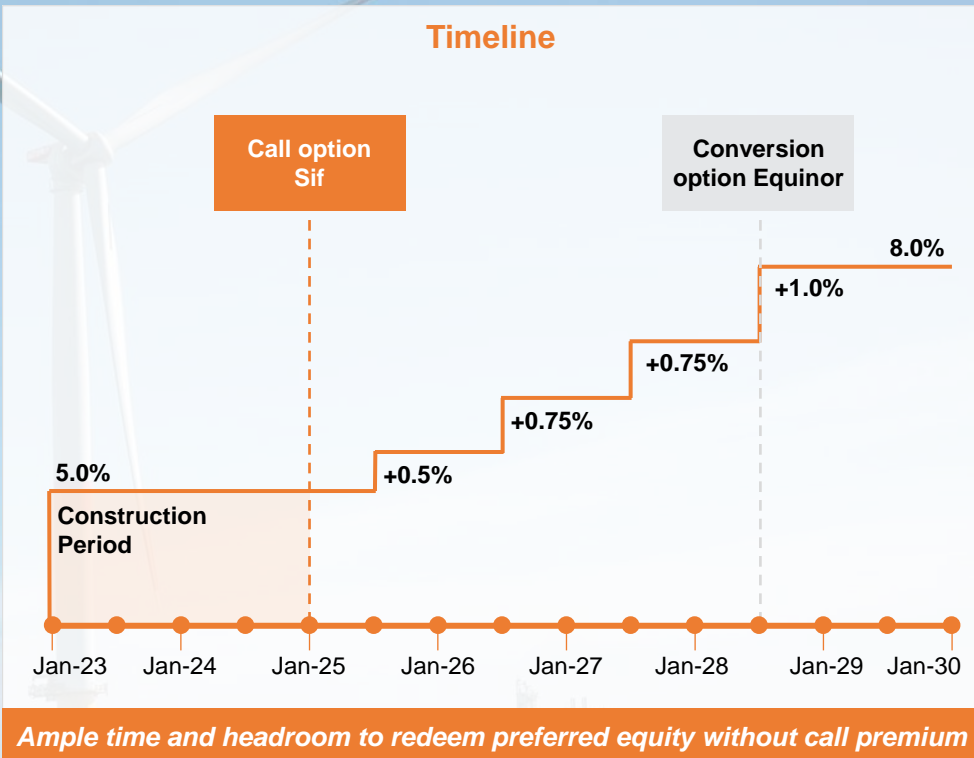
**Amount:** €50m  
**Coupon:** 5.0% with step-up  
**Voting rights:** 1/20<sup>th</sup> of common equity  
**Call option:** from January 2025  
**Conv. date:** from July 2028  
**Conv. price:** €12.00 per common share

## Preferred long term capacity reservation arrangement



**General:**  
 Arrangement linked to preferred equity  
**Details:**  
 Equinor intends to deploy 12-16 GW of renewable energy by 2030<sup>(1)</sup>

## Timeline



Source: Company information.

Note: 1. Equinor intends to reach installed net capacity of 12-16 GW of renewable energy by 2030. The renewables portfolio has the potential to produce 35-60 TWh in 2030 of which circa 2/3 of this production is expected to come from offshore wind.



# Egeria supportive of the expansion plan

## Common equity Rights issue<sup>(1)</sup>

**EGERIA** Shareholders

**Amount:** €50m

**Size:** 100%

**Price:** €11.50 per common share

## Key highlights

- Sif's cornerstone shareholder Egeria supportive of the expansion plan and has committed to vote in favour of the EGM resolutions
- All shareholders have the opportunity to participate in the offering
- During the EGM, Sif will propose an amendment of the Articles of Association and needed authorizations

## Envisaged timeline

March

1

15-17

**Financial Close**

April

28

**EGM**

1

**Start Construction**  
(subject to irrevocable permits)

Source: Company information.

Note: 1. Egeria has committed to purchase any shares that have not been subscribed for by shareholders.





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