

ETIPWind Steering Committee + CTOs meeting



Funded by
the European Union

8 April 2025 – 14:00-16:00

Bella Centre, Room 181, Level 1

Welcome & Introduction

Adrian Timbus
Vice President Portfolio and Market
Strategy, Hitachi Energy
ETIPWind Chair

Competitiveness as the main priority for the new Commission



Mario Draghi delivers his report on the future of European Competitiveness to Ursula von der Leyen.



Heitor report on the role of Research, Technology and Innovation to boost European Competitiveness



The Commission presents the Clean Industrial Deal – the business plan to accelerate decarbonisation and competitiveness of European industries

The role of R&I in industrial competitiveness

5 long-term targets defined by ETIPWind

1. The European wind industry must be healthy and competitive at the global scale.
2. The European industry should have harnessed the potential of digitalisation, automation with high cybersecurity standards.
3. Wind should be the backbone of a climate-neutral energy system centred around electrification.
4. Wind farms are fully circular and have a positive environmental impact.
5. Society should actively support and recognise wind energy as indispensable to European prosperity and climate-neutrality.

Source: Sif



ETIPWind report 'From Innovation to Industrial Competitiveness'



Common strategy for wind research & competitiveness

In-depth EU funding analysis for wind R&I

Recommendations to optimise EU funding support for wind R&I

What's next?

- We need to channel **public investments to support the competitiveness** of European wind energy technologies.
- We need **streamlined EU and national funding opportunities** for wind energy R&I .
- We need to establish a **European Fund for Wind Research & Competitiveness** – a one-stop-shop centralising all funding opportunities from basic research to deployment.

Agenda

14:00-14:05	Welcome & Introduction	Adrian Timbus, ETIPWind Chair
14:05-14:15	Keynote from the European Commission (Clean Industrial Deal, Horizon Europe, next EU budget 2028-2034)	Beatrice Coda, Head of Unit, DG Research & Innovation
14:15-14:25	Presentation of the ETIPWind report 'From Innovation to Industrial Competitiveness'	ETIPWind Secretariat
14:25-14:45	A European Fund for Wind Research & Competitiveness	Discussion moderated by Adrian Timbus, ETIPWind Chair + Stephan Barth, ETIPWind Vice-Chair
14:45-15:30	<p>Roundtable on implementing R&I strategies for wind energy</p> <p><i>Each CTOs / SC members share examples of what works (experience from the past or new suggestions).</i></p> <ul style="list-style-type: none"> Advance technology and scale-up manufacturing <i>Kasper Roed Jensen, Vestas</i> <i>(5mn presentation + 10mn discussion)</i> Tech innovation in a digitalised world <i>Thomas Leurent, Akselos</i> <i>(5mn presentation + 10mn discussion)</i> Aligning EU and national R&I efforts <i>Pieter Jan Jordaens, SIRRIIS / OWI-lab – IWG Wind</i> <i>(5mn presentation + 10mn discussion)</i> 	Discussion moderated by Adrian Timbus, ETIPWind Chair
15:30-15:55	ETIPWind activity update and Reflection on barriers to innovation funding in Europe	Discussion moderated by Adrian Timbus, ETIPWind + Hanne Wigum, ETIPWind Vice-Chair
15:55-16:00	Conclusion and Next steps	Adrian Timbus, ETIPWind Chair

Keynote speech

**Beatrice Coda, Head of Unit "Clean energy transitions", DG RTD
European Commission**

ETIPWind Secretariat

etipwind.eu

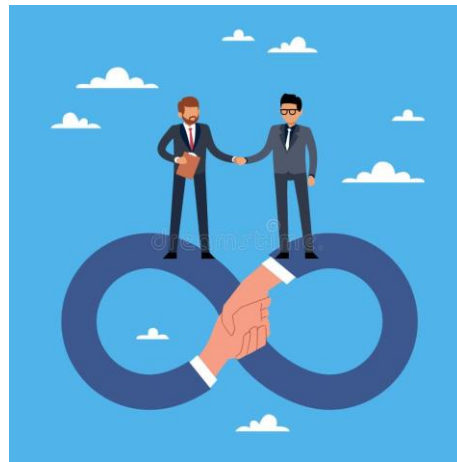
The ETIPWind report: why?



EU funding is not optimal, we need to change the mindset.

European policymakers take to heart the recommendations from the Draghi and Heitor reports. We need to show how these can be applied to the wind sector to optimise wind energy funding in the next EU budget.

The European wind sector agrees on a common R&I agenda by 2050. We need to provide clarity on this common R&I programme so we can align funding with EU Member States and the European Commission.



Accelerate R&I efforts with a long-term R&I initiative. We need to spell out our needs and propose solutions for the next EU budget 2028-2034, to ensure the wind sector will help Europe deliver on its objectives.

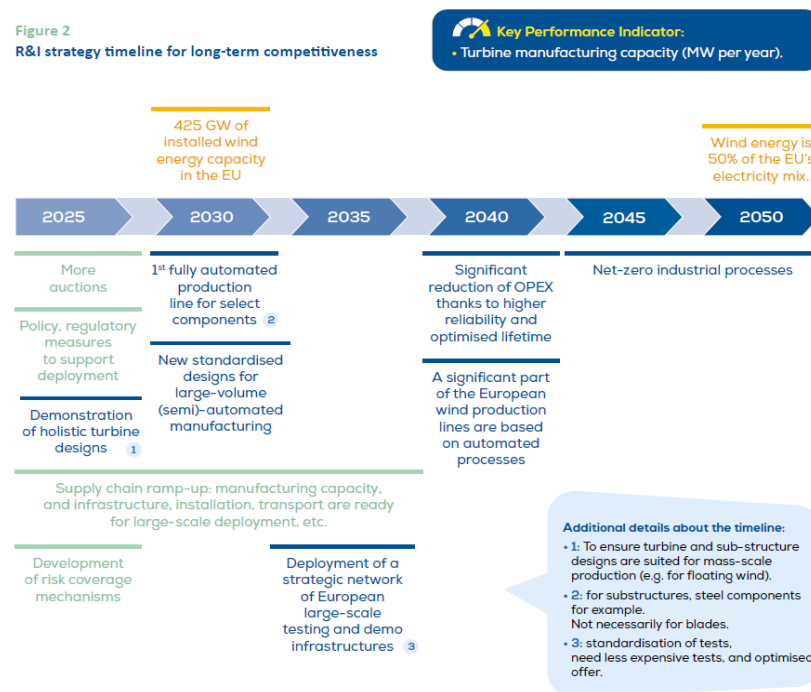


Common strategy for wind research & competitiveness

1. The European wind industry must be healthy and competitive at the global scale.
2. The European industry should have harnessed the potential of digitalisation, automation with high cybersecurity standards.
3. Wind should be the backbone of a climate-neutral energy system centred around electrification.
4. Wind farms are fully circular and have a positive environmental impact.
5. Society should actively support and recognise wind energy as indispensable to European prosperity and climate-neutrality.

➤ For each target: **R&I timeline until 2050** including the main milestones to achieve and KPIs to track the progress.

Figure 2
R&I strategy timeline for long-term competitiveness

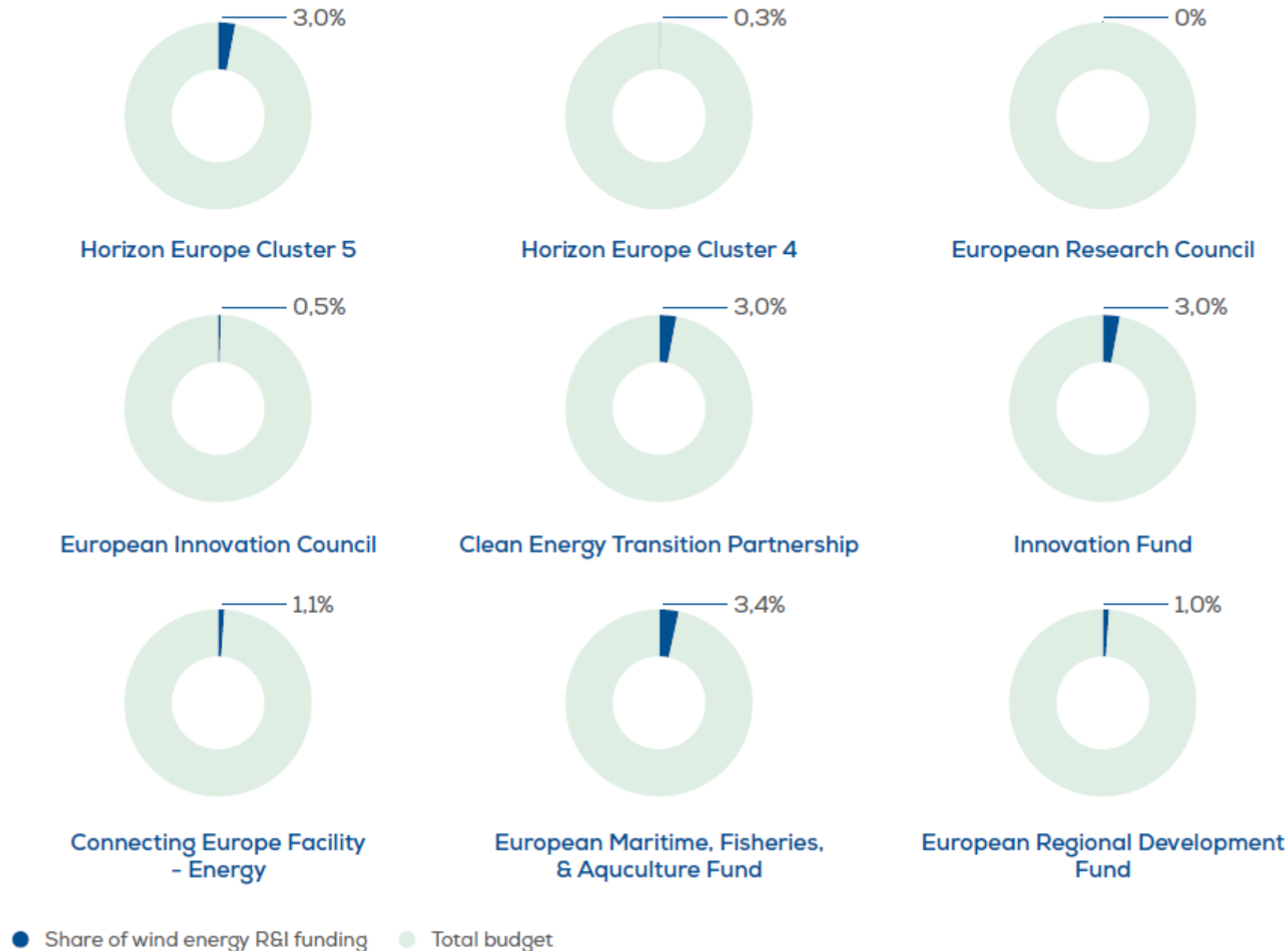


EU funding for wind R&I

€761m

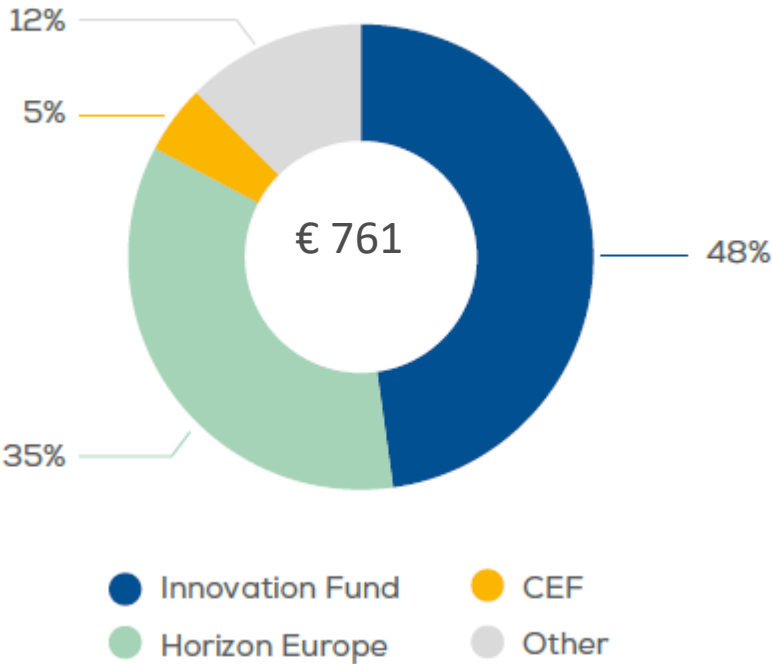
72 wind R&I projects

From 2021 to 2024

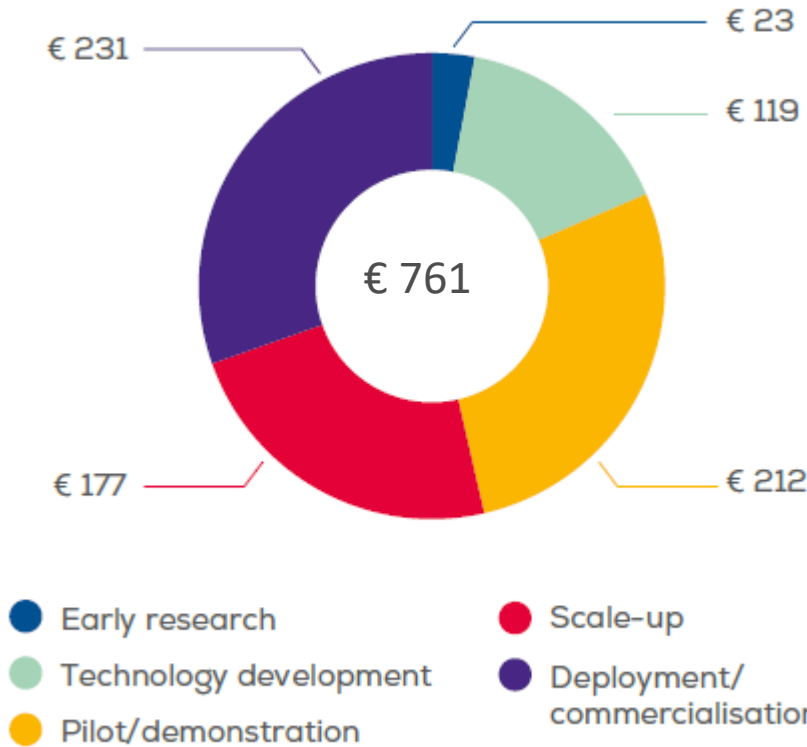


EU funding for wind R&I

EU grants for wind energy R&I by programme
2021-2024



EU grants for wind energy R&I by innovation cycle
2021-2024 in € millions



Source: ETIPWind

Source: ETIPWind

EU funding analysis – Conclusions

Not spending enough

Fragmented

Bureaucratic

Lack focus

Supportive ecosystem

Increased budget

Centralised funding

Single & simple set of rules

Sector driven initiative

One-stop shop

The European Fund for Wind Research & Competitiveness

1. One-stop-shop for all EU funding opportunities on wind R&I

3. Adapts and implements the **common strategy** for wind research & competitiveness

5. Governed by **European Commission** and wind industry/academia

**European Fund
for Wind
Research &
Competitiveness**

2. **Technology-specific EU budget** from basic research to deployment

4. Involves Member States to **align EU and national funding priorities**

Recommendations to optimise EU funding for wind R&I

1. Prioritise wind in industrial policy

2. Increase wind energy R&I funding

3. Align public funding with common strategy

4. European Fund for Wind Research & Competitiveness

5. Simplify administrative requirements for EU projects

6. Streamline SET Plan ecosystem

Discussion: A European Fund for Wind Research & Competitiveness



Roundtable: Implementing R&I strategies for wind energy

Presentations from Vestas, Akselos and
Sirris/OWI-lab

The Global Leader in Sustainable Energy Solutions

Kasper Roed Jensen

VP – New Concepts and Partnering

25-06-20



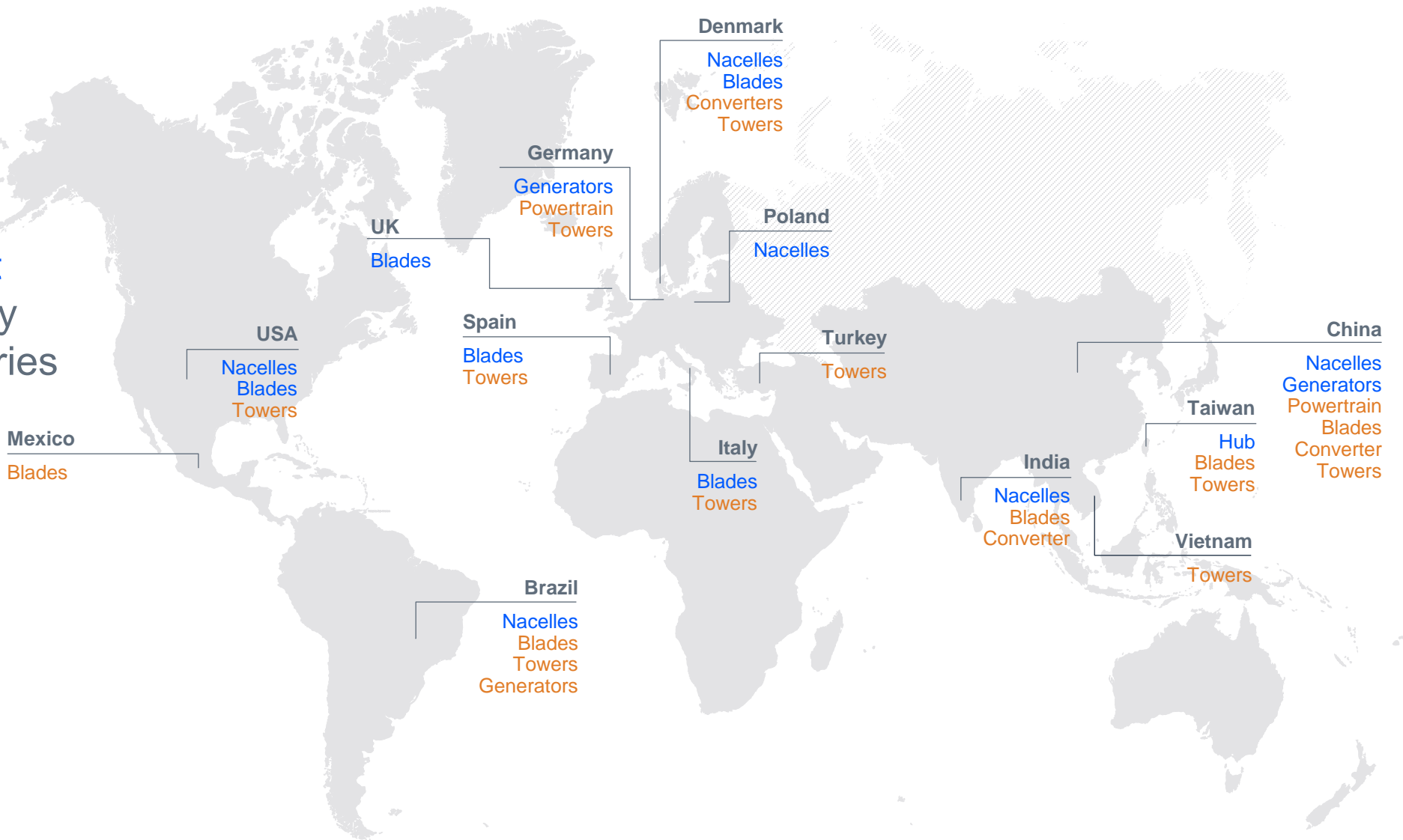
Wind turbine platforms for **every** segment



Our global manufacturing footprint

A **scalable** and **resilient** **global setup** with supply from Vestas' own factories and Vestas' partners both on- and offshore

- Vestas factories
- Partner factories





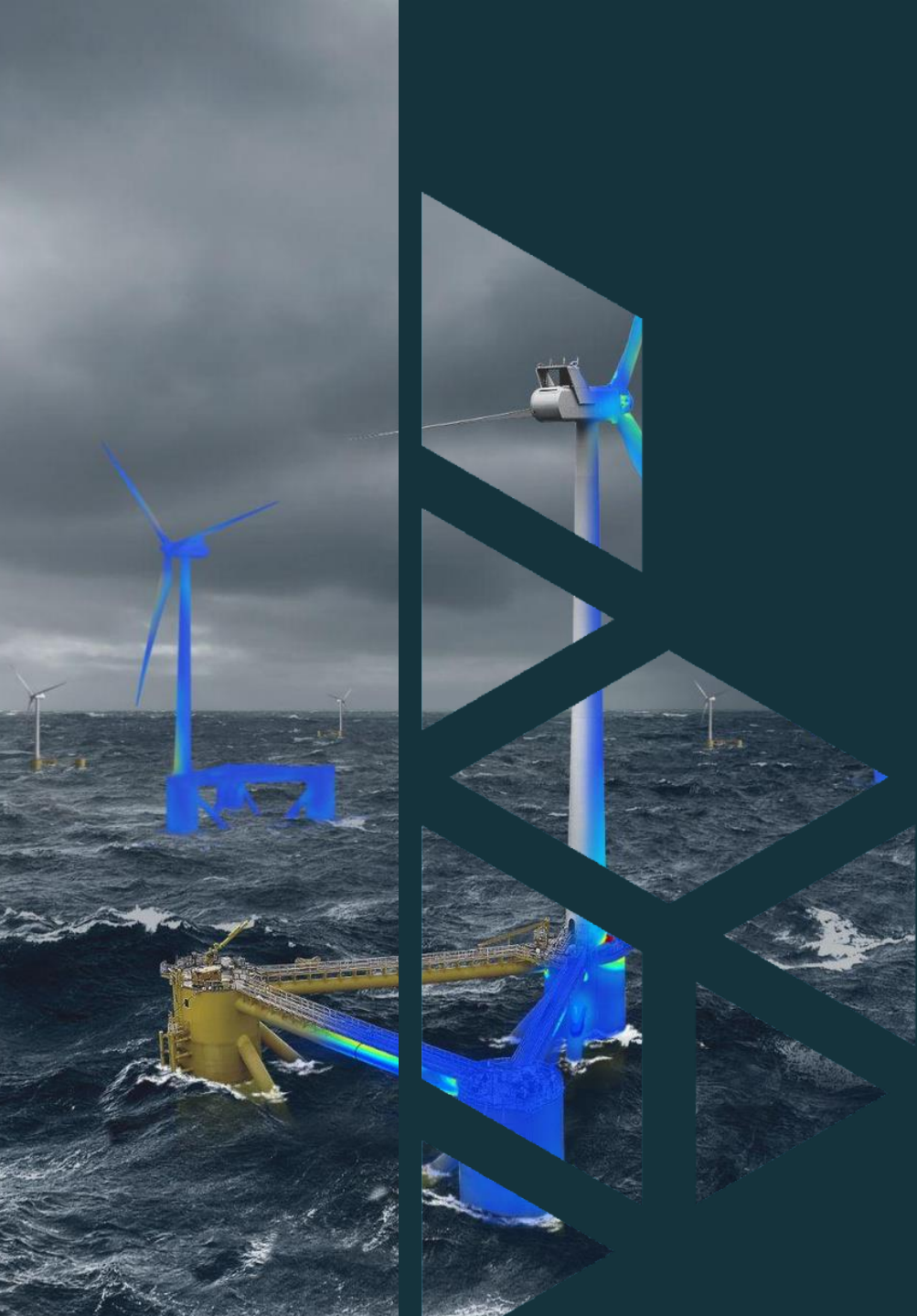
Thank you

20 June 2025

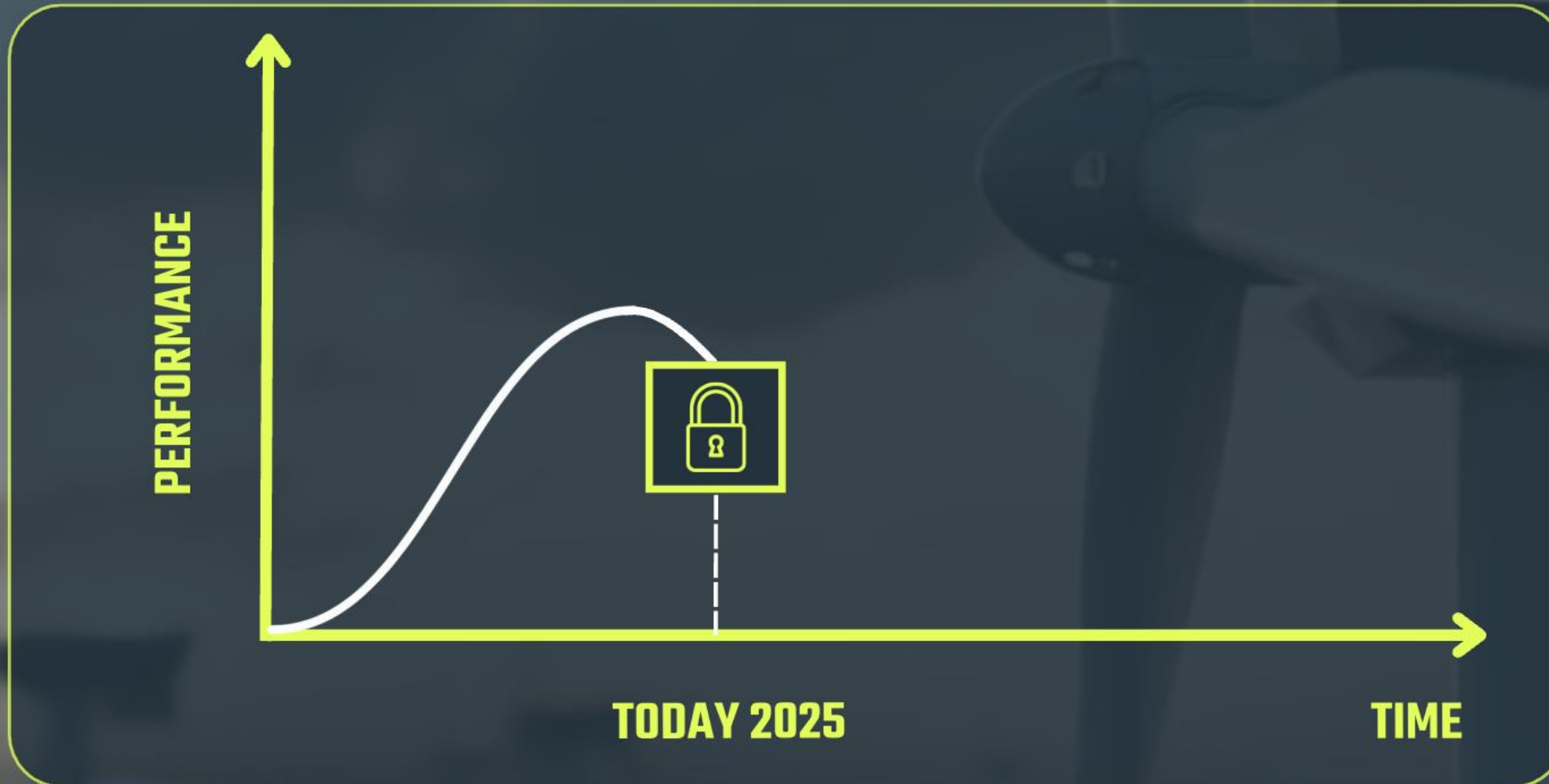


Is the Wind Industry Ready for Innovation Shifts?

Speaker: Thomas Leurent

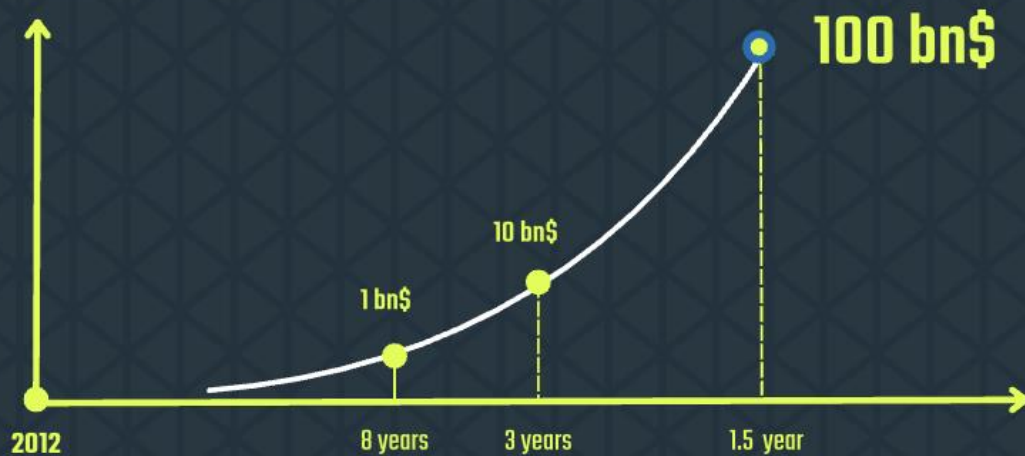


Can the Wind Industry **Unlock Innovation** ?





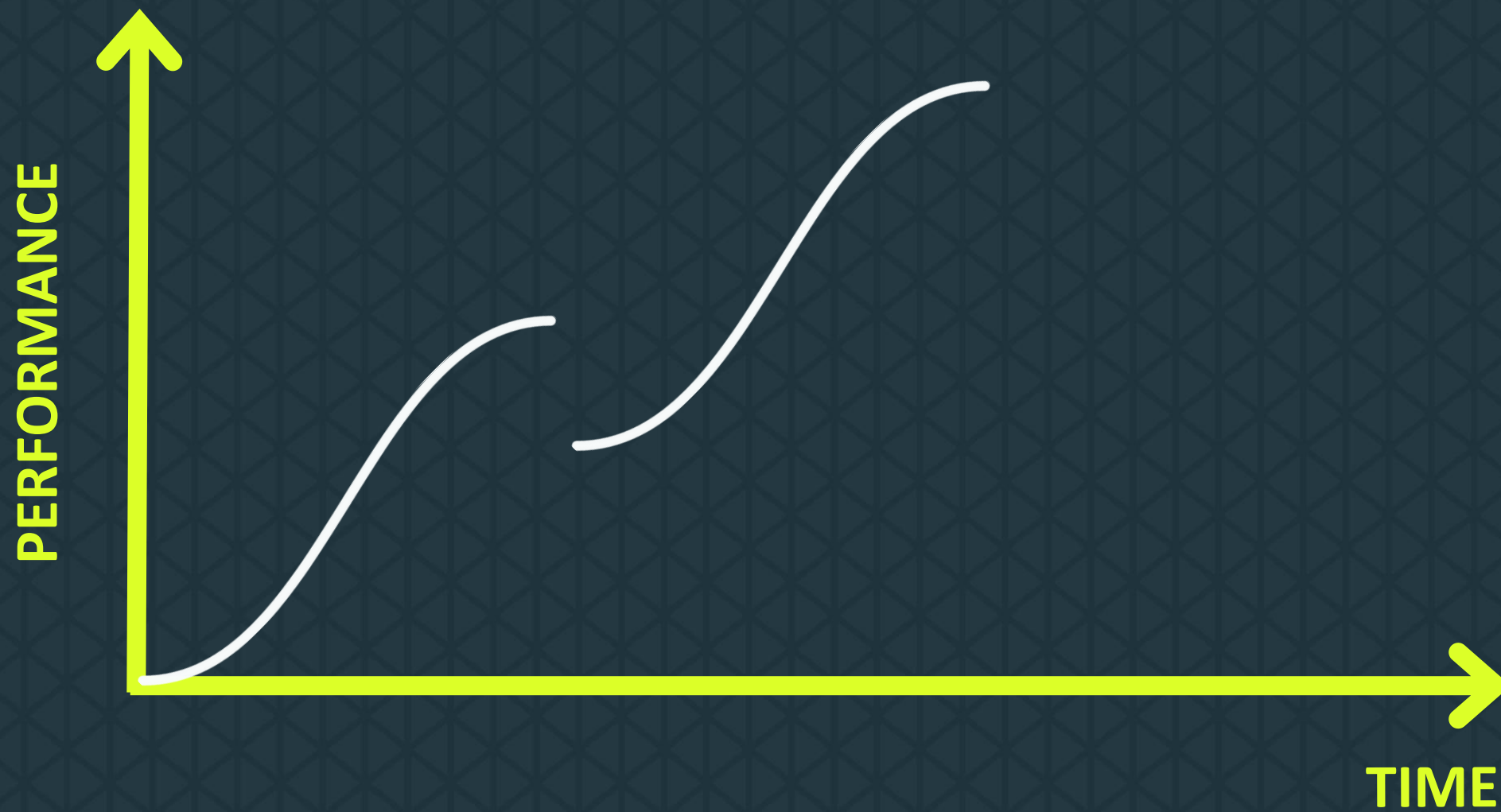
Billion-Dollar Value Points



WORLD
ECONOMIC
FORUM

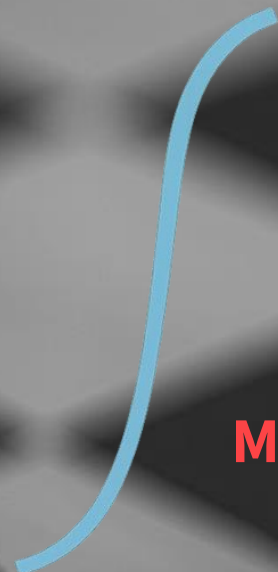
Advanced Energy Solutions



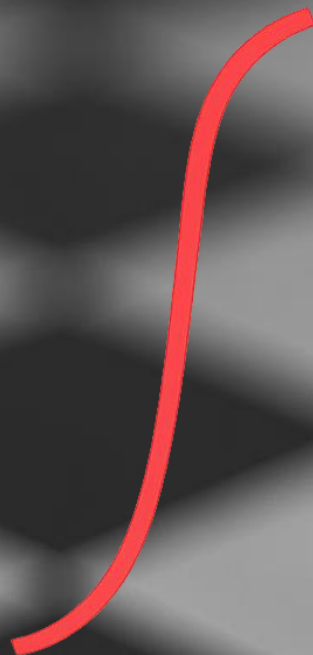




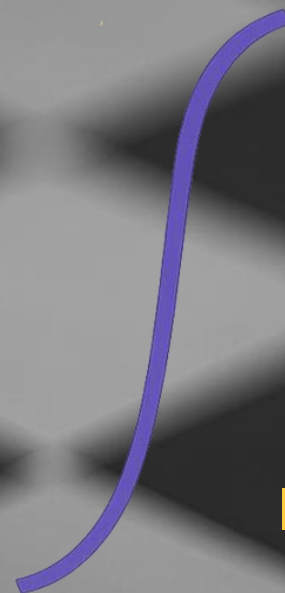
**Simulation
Software**



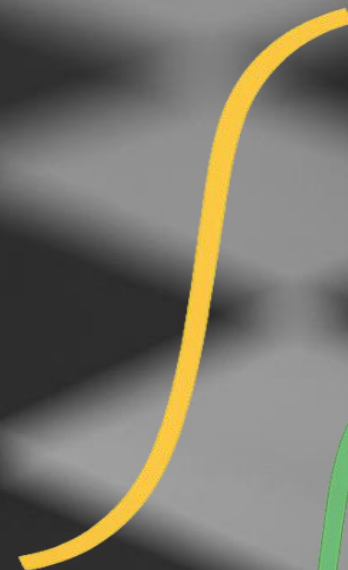
Manufacturing



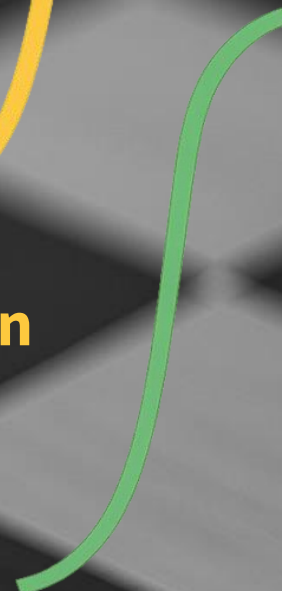
Design



Installation



Materials



Aligning EU and National R&I Efforts

PIETER JAN JORDAENS

OPERATING OFFICER

PIETERJAN.JORDAENS@OWI-LAB.BE

08/04/2025



Empowering Belgium's wind energy sector future through innovation and global excellence

- 1 Subject experts (+/- 75 VTE)
- 2 Infrastructure (Test, data,...)
- 3 Project portfolio (20 ongoing)
 - Collaborative projects with industry
 - SBO research (with industrial IAB)
 - (bilateral projects & support)

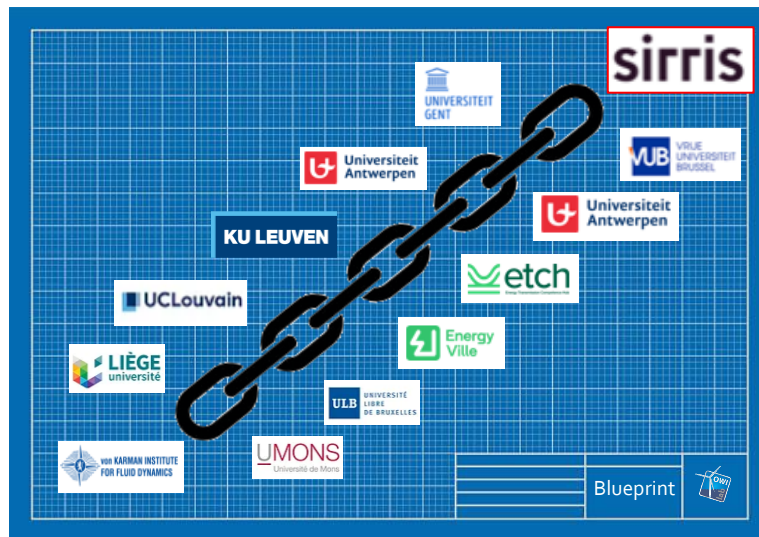


Since 2010

The Belgian interest

1 R&I focus

CREATE: The Belgian Offshore Wind Innovation Center for Research, Expertise and Advanced Technology Excellence



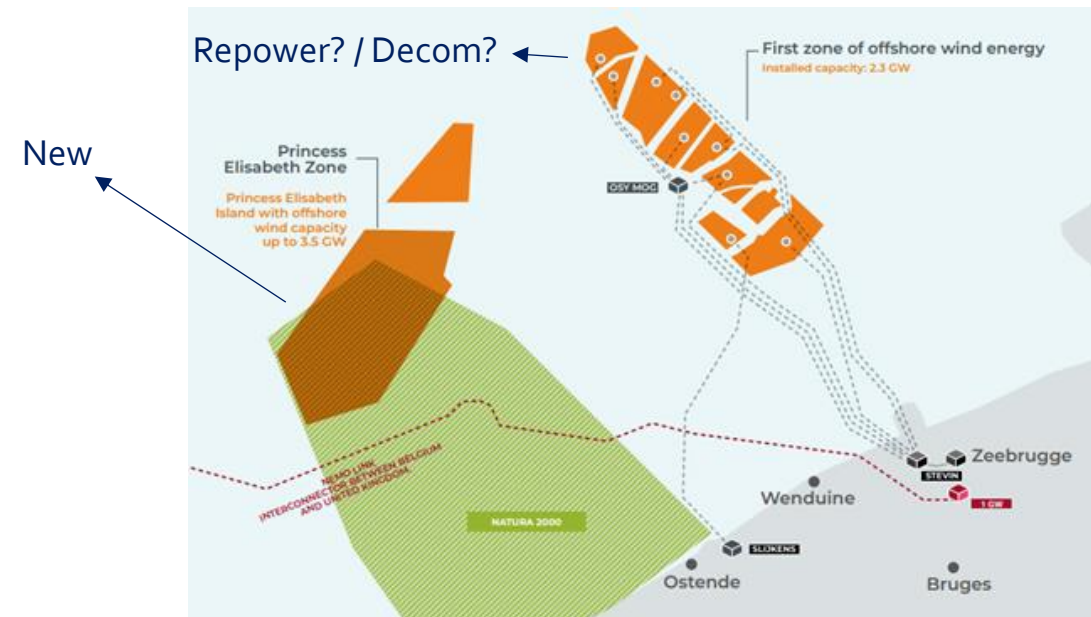
*"Coalition of the willing":
A united centre WIND R&I centre of excellence*

FEDERAL Project Funding



3 International cooperation (e.g. Floating wind)

2 Offshore Energy focus

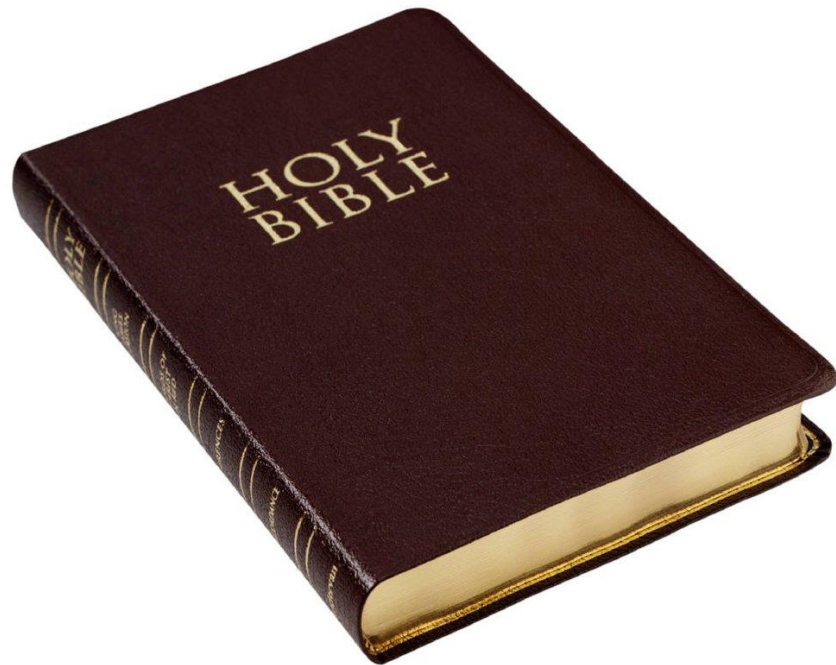


- Maximization of Belgian offshore energy production
- System integration
- Interconnection and import of offshore wind abroad

31



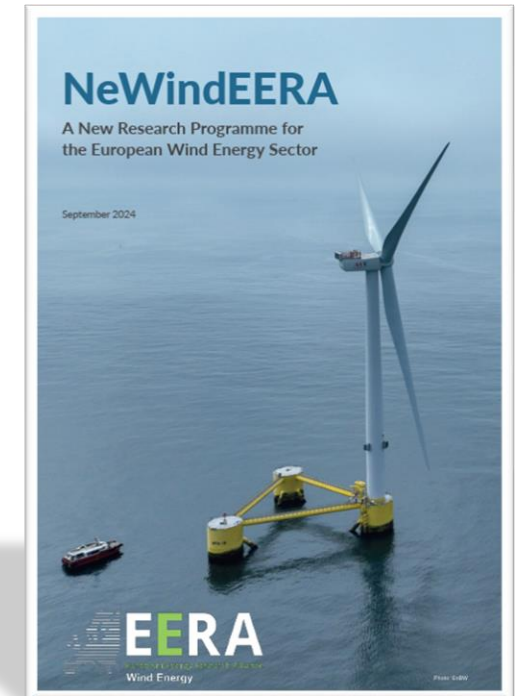
Our current approach for ①



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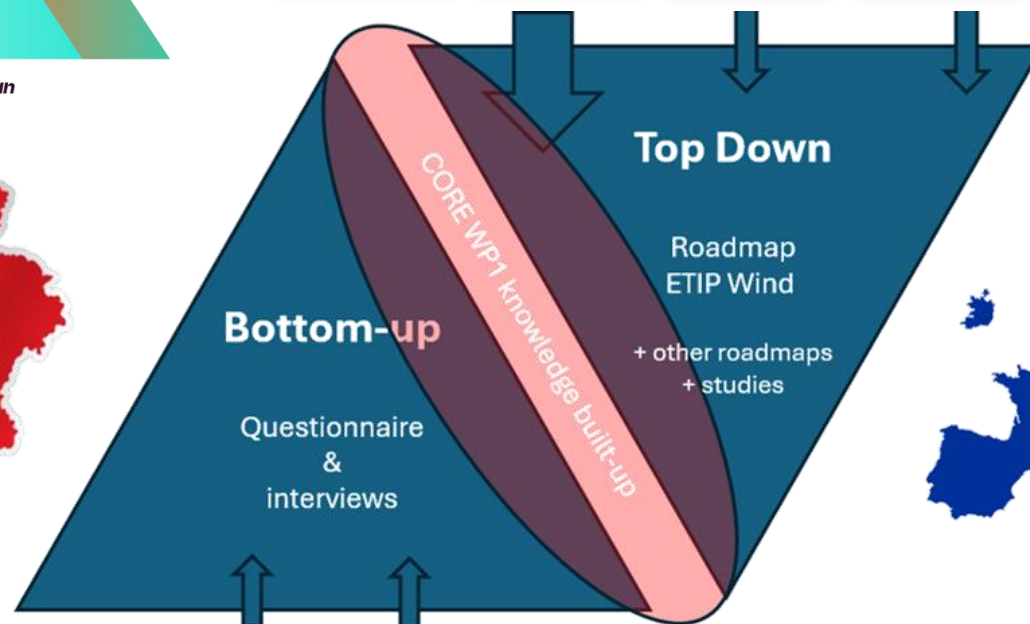
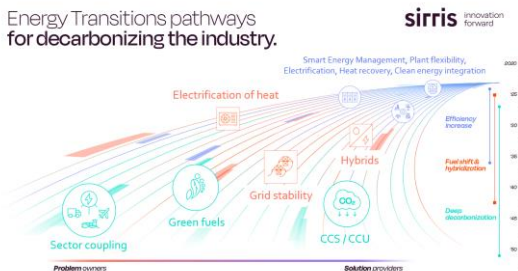


+



Our current approach for 1

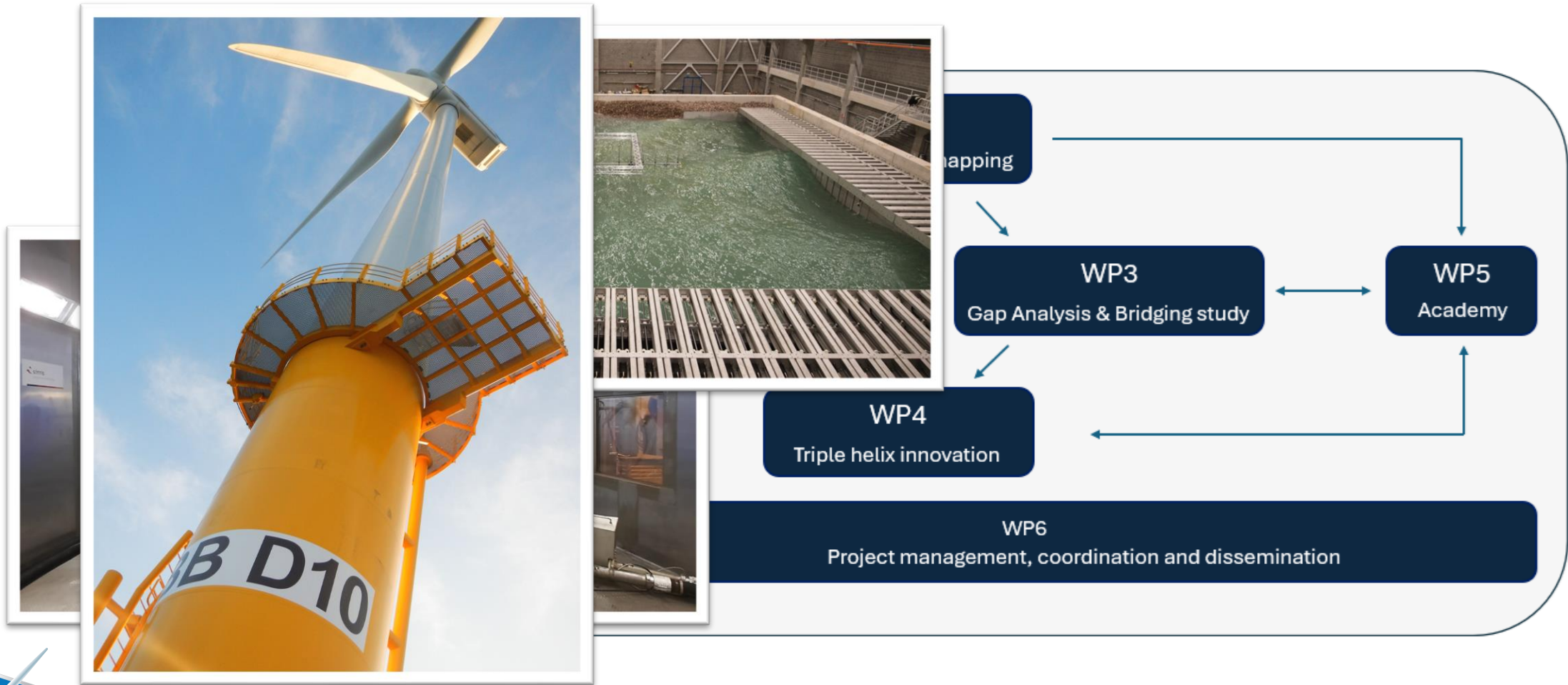
Energy Transitions pathways
for decarbonizing the industry.



+150 extra's through survey

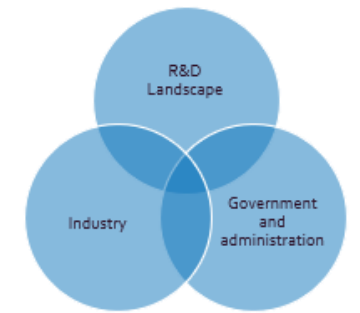


Our current approach for 1

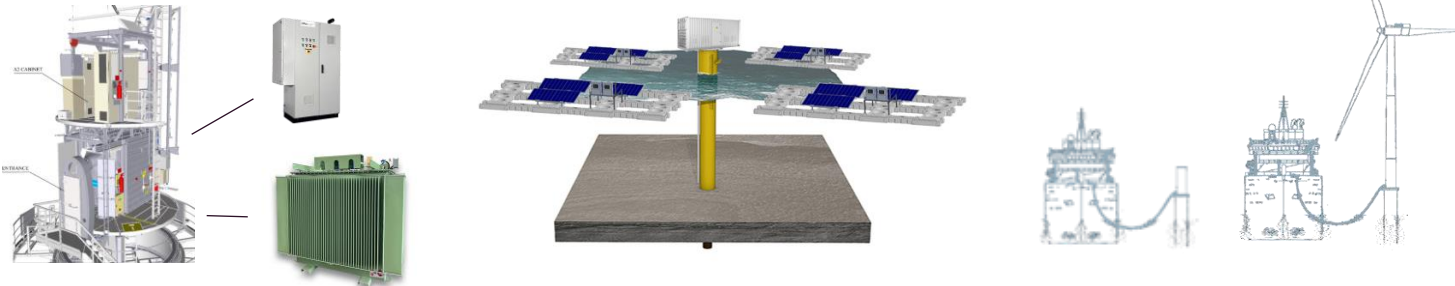


Aligning EU and National R&I Efforts

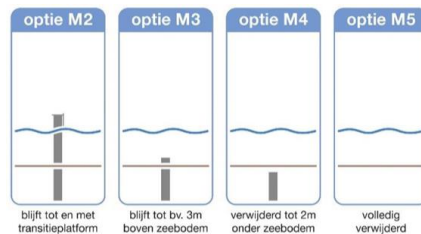
REPOWERING & DECOMMISSIONING CASE  **economie**



- Lifetime extension possibilities?
- Repowering case (wakes?)
 - BE-NL offshore wind zone optimised for TWh
- Re-use case (MP/TP & Cables?)



- Decommissioning (standard approach)



Thank you for your attention !

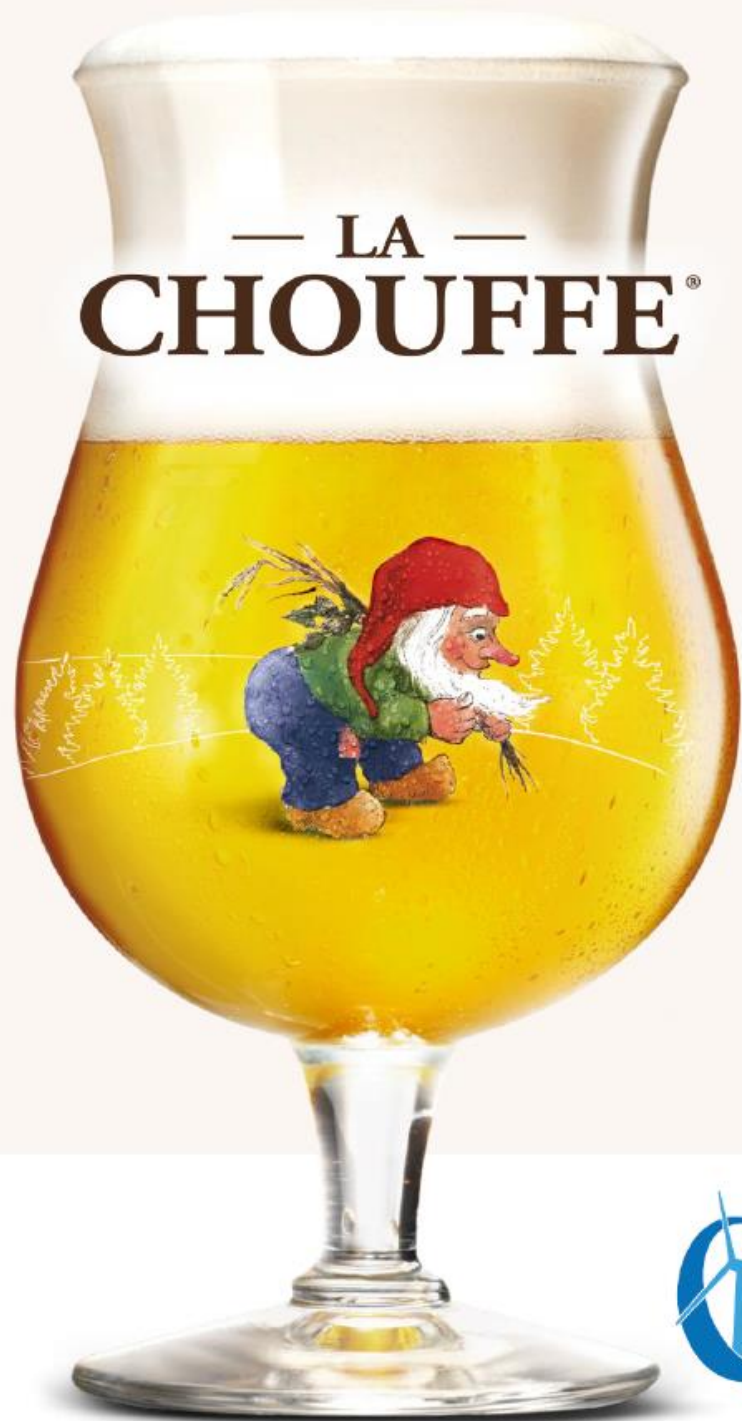


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Wind[•]
EUROPE

ANNUAL EVENT
2025
COPENHAGEN
8-10 APRIL

Belgian **Beer Night**

Tuesday 8 April 4PM

Belgian Offshore Cluster
invites you for a networking drink.

Join us for a La Chouffe beer
at hall C4 stand C60

Get your drink via one of
the participating BOC-members

www.belgianoffshorecluster.be



Belgian
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FLANDERS
INVESTMENT
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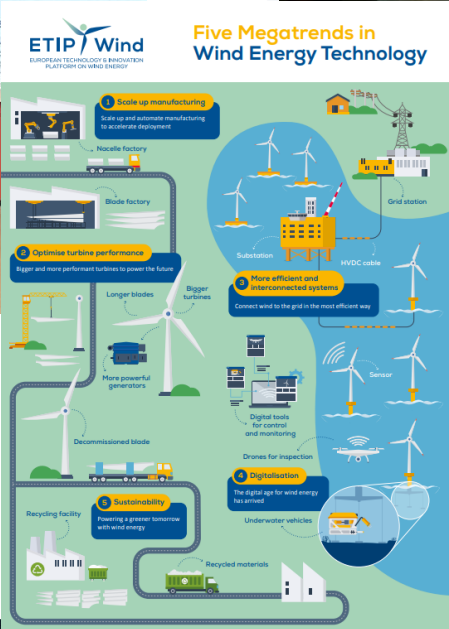
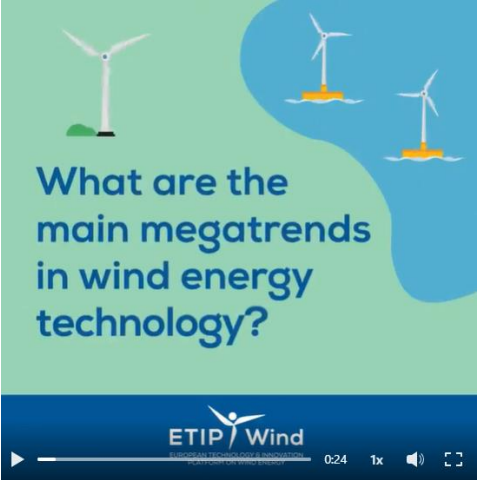


ETIPWind activity update

ETIPWind Secretariat

etipwind.eu

Main achievements since last meeting



Europe has a potential of **4,803 GW** of offshore wind and ocean energy

Learn how to unlock it now

→ Download the joint report

ETIP Wind ETIPOCEAN



ETIPWind IV and next steps

- **Dissemination of ETIPWind report** + meetings with EU and national policymakers.
- **ETIPWind final event** in Brussels (mid-June).
- WindEurope + EERA JP Wind will submit a **proposal to run jointly the Secretariat of ETIPWind IV**.
- We'll advocate for the **establishment of the European Fund for Wind Research & Competitiveness** in the next EU budget (2028-2034).

Discussion: Barriers to innovation funding in Europe

Closing remarks

Adrian Timbus
Vice President Portfolio and Market
Strategy, Hitachi Energy
ETIPWind Chair

Time for a group picture!

THANK YOU

Contact: secretariat@etipwind.eu