

# Plenary Meeting

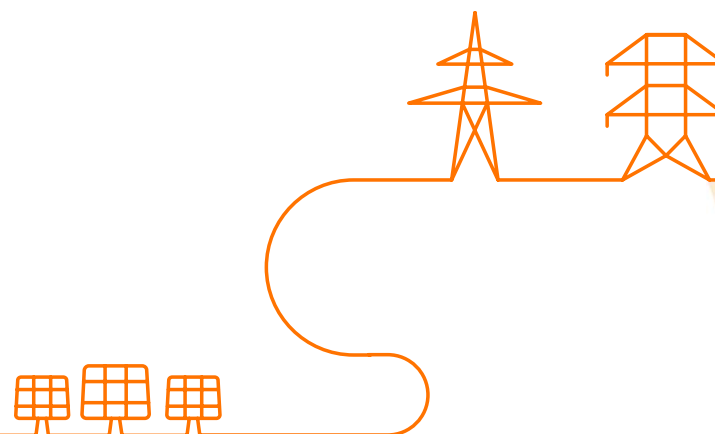
of the Elia Users' Group

November 2024



# Agenda

1. Approval report 23/09/2024
2. Princess Elisabeth Zone
3. Feedback Working Groups (including roadmap 2025)
  - 3.1. Working Group Adequacy
  - 3.2. Working Group Belgian Grid
  - 3.3. Working Group Grid
  - 3.4. Working Group Energy Solutions
4. AOB



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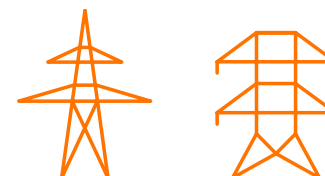
3.1. Working Group **Adequacy**

3.2. Working Group **Belgian Grid**

3.3. Working Group **Grid**

3.4. Working Group **Energy Solutions**

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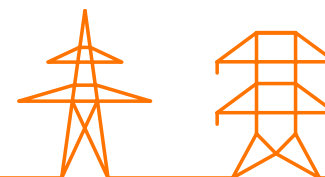
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# Princess Elisabeth Island (PEI) Update (MOG II)

Discussion document

22/11/2024



## Disclaimer

- Media indicates budget evolution for the realisation of the Princess Elisabeth Island project (also known as MOG2 project).
- Elia Transmission Belgium is currently in tender process for the attribution of important packages supporting the realisation of this project.
- In this context, Elia won't publicly confirm any budget adaptation.
- Though we are operating in a market context in which important price evolutions are observed.
- It is a concern of public authorities, recognized several times in particular at EU level.
- In the following of this presentation, and in the context described above, we will assume the reference of [7-8] billion euros indicated in certain media, without however recognising that this range constitutes our updated estimate.



# Taking a step back—Three core priorities for European and Belgian energy supply



**Sovereignty**



**Competitiveness**



**Sustainability**

# Low-carbon generation and electricity grids are crucial elements in our Belgian and European net-zero commitments

## Europe's and Belgium's net-zero ambitions

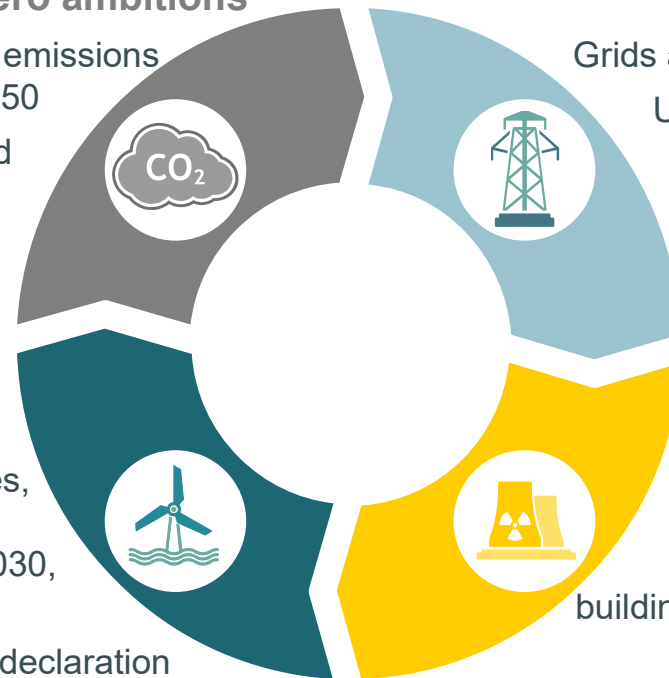
Europe: 55% reduction of net GHG<sup>1</sup> emissions by 2030 and climate neutrality by 2050

Belgium ambition: -47% by 2030 and climate neutrality by 2050

## European offshore wind commitments

Commitment of 9 European countries, including Belgium: 120GW offshore wind installed in the North Sea by 2030, 300 GW by 2050

Ambition reinforced in 2024 Ostend declaration



## Critical role of electricity grids

Grids are central in Europe's decarbonization

Underscored in "The future of European competitiveness" (Draghi report)

Critical requirement for a competitive European industry

## European nuclear ambitions

2050 Goal: 150GW nuclear capacity

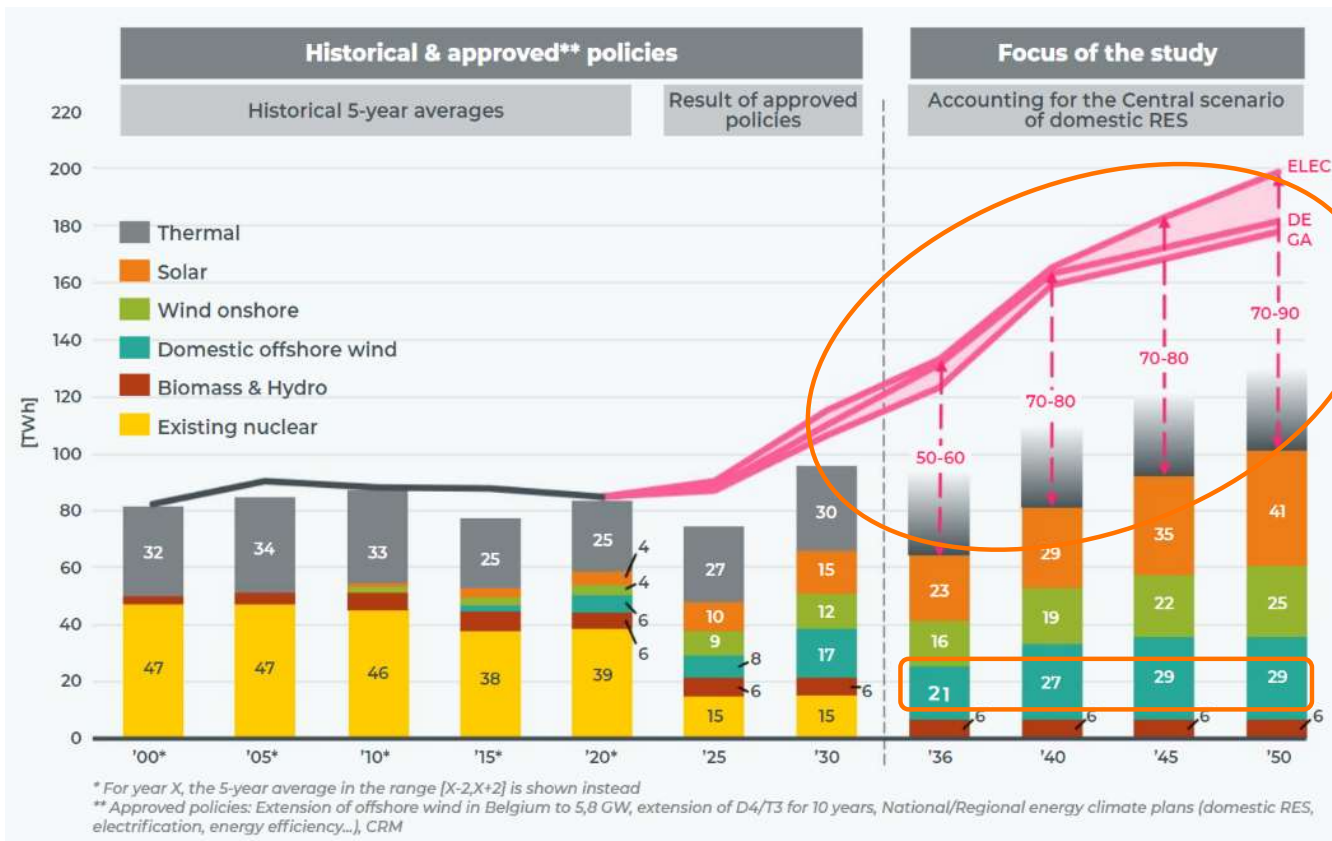
Nuclear Alliance of EU member states

Committing on extending lifespans, building new capacity and developing SMRs<sup>2</sup>

1. Greenhouse gases; 2. Small modular reactors



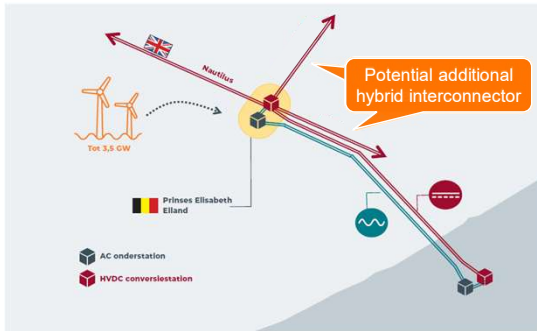
# Belgian's electricity demand is expected to grow significantly, resulting in a gap of 50-60 TWh p.a. by 2036 vs. expected renewables



By 2036, Belgium will have to fill a gap of 50-60 TWh  
 By 2050, it grows to 70-90 TWh

The Blueprint study integrates already for offshore production:  
 2.3 GW (today)  
 3.5 GW (PEI)  
 2.2 GW from 2040 onwards (TBD)  
 For a total of **8 GW** offshore in Belgium

# PEI hub offers Belgium multiple benefits as from the early 2030s: access to decarbonized electricity, welfare and adequacy

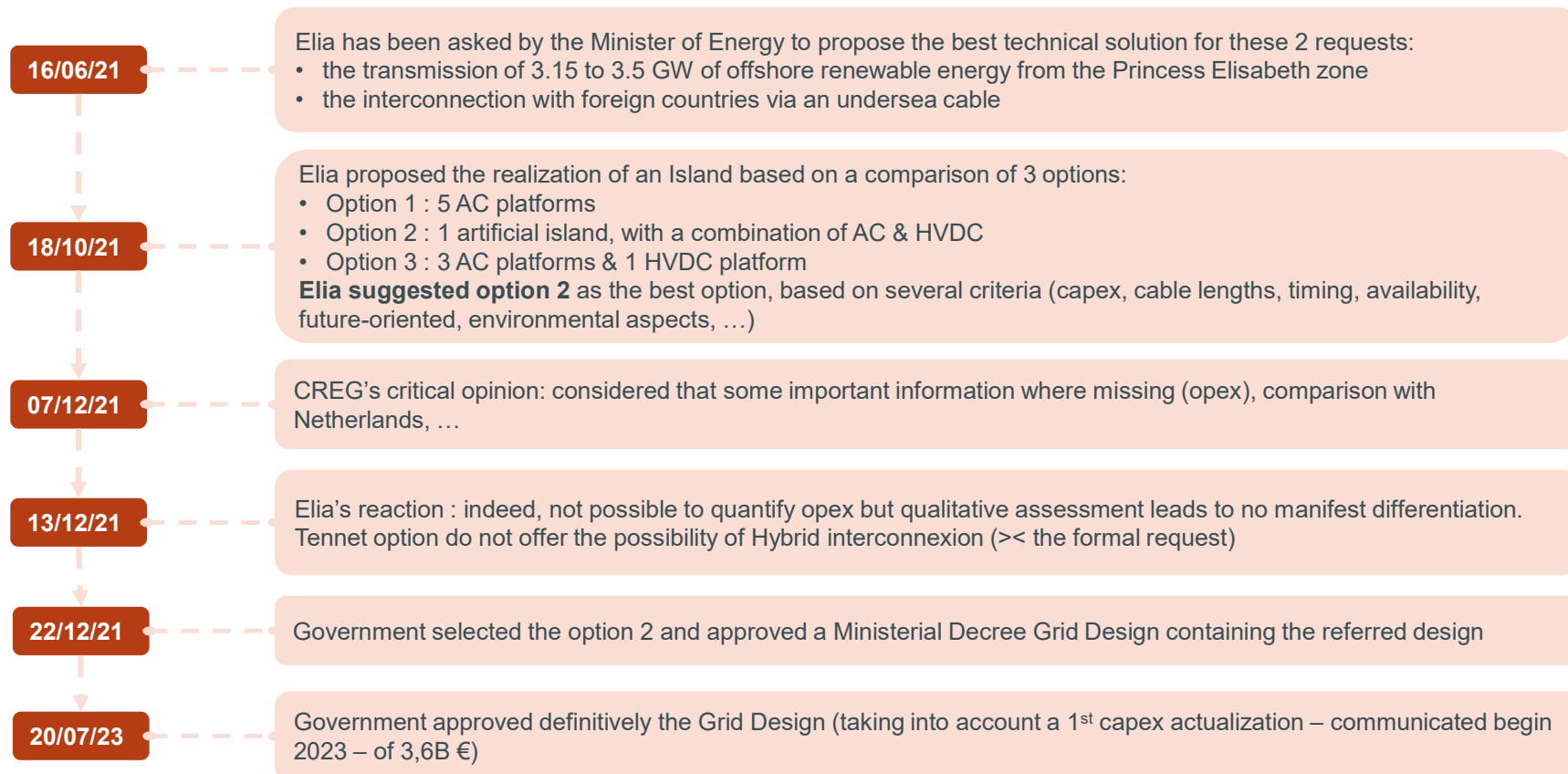


- 1 **Decarbonized electricity**  
17TWh, potentially 28TWh
- 2 **Electricity price benefits**  
Reduction of more than 5-10€/MWh on electricity price
- 3 **Adequacy**  
Min 800MW of Belgian adequacy

	1	2	3
<b>Decarbonised electricity</b>	3500 MW of Belgian Offshore Wind Generation 13 TWh/y	Nautilus, hybrid interconnector with UK(*) 4 TWh/y	Option for additional hybrid interco (DK, NW, NL, IR, ...) [Triton Link: 11 TWh/y]
<b>Welfare</b>	500-750 M€/year	50-210 M€/year	Depends on the project
<b>Of which electricity price benefits</b>	Reduction of 5-10€/MWh		
<b>Societal CO<sub>2</sub> benefit</b>	360-1300 M€/year as of 2040 <sup>1</sup>	40-240 M€/year as of 2040 <sup>2</sup>	Additional pressure Depends on the project
<b>Adequacy</b>	800MW adequacy		
<b>Timing</b>	2029 – 2032	2032	TBD > 2036

1. 0-400M€/year in 2030-2040 period. 2. 0-90M€/year in 2030-2040 period. Source : Complementary note on economic methods - Follow up CREG's Workshop on MOG2 Costs' evolution (Elia - October 2024)

## Back in 2021: Island option selected as the best option to connect 3.5GW offshore wind power and to realize a hybrid interconnection as requested by the Minister



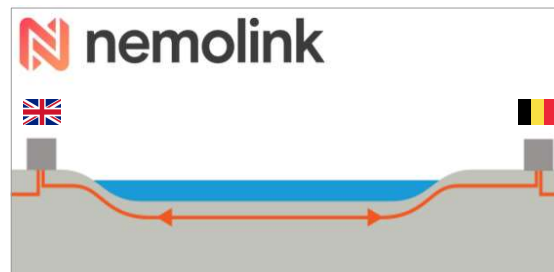
# Scope: Princess Elisabeth Island project (MOG2) encompasses the construction of an artificial island, several AC and DC substations and cable connections to shore



- The Princess Elisabeth Island will house the transmission infrastructure to connect up to **3.5GW of offshore wind** from the Princess Elisabeth wind zone and to provide a **connection point for interconnectors** (such as Nautilus or Triton Link) creating an energy hub. Therefore, a mix of AC (alternating current) and HVDC (high voltage direct current) is envisaged to achieve these goals.
- The project has been divided into **5 asset packages**:
  1. Island package
  2. AC substation package
  3. AC cable package
  4. HVDC substation package
  5. HVDC cable package
- The project is benefiting from a subsidy by the EU Recovery and Resilience Facility (RRF).

Already attributed

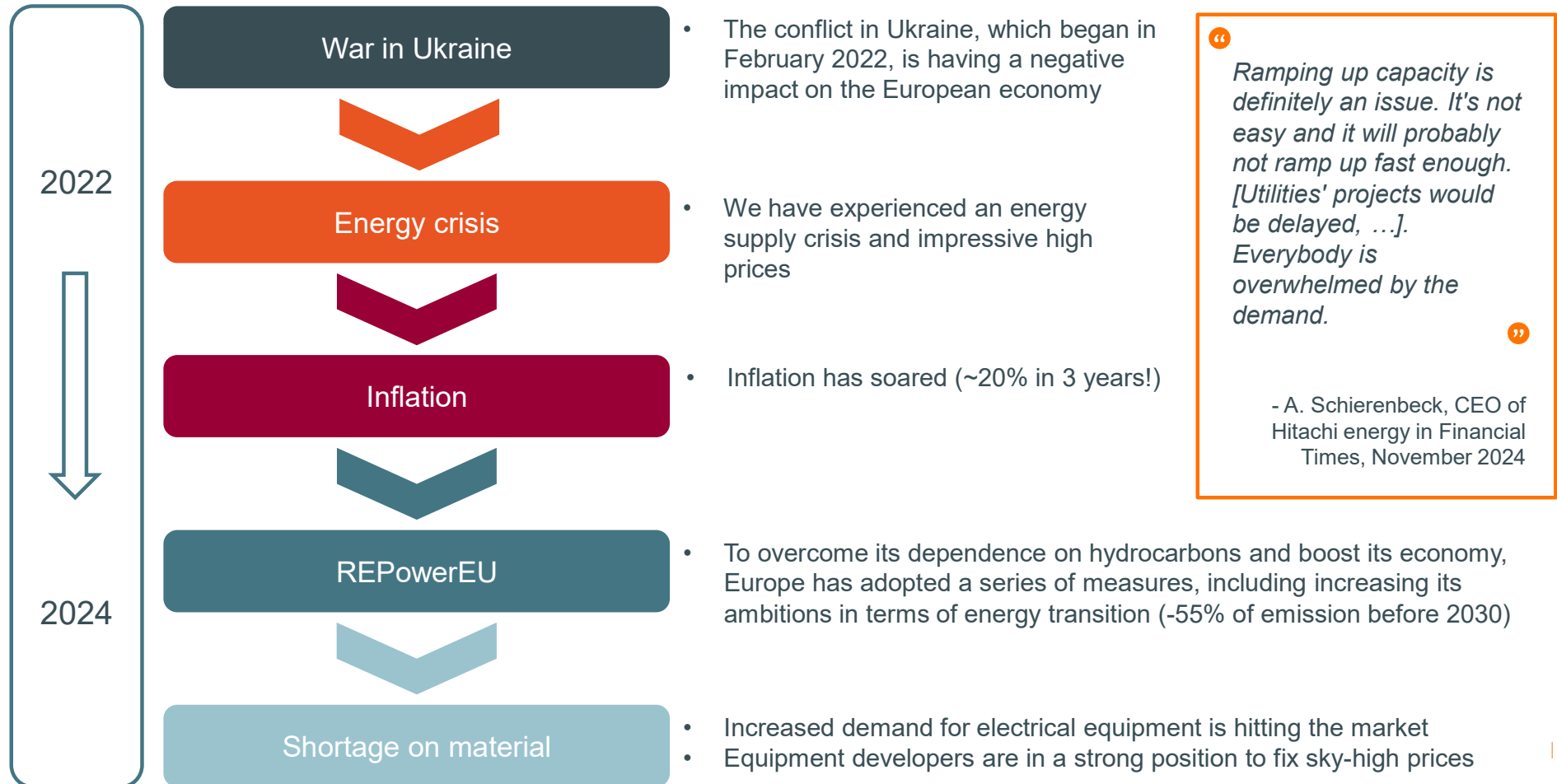
# We have a track record of successfully delivering large offshore projects on-time and on-budget



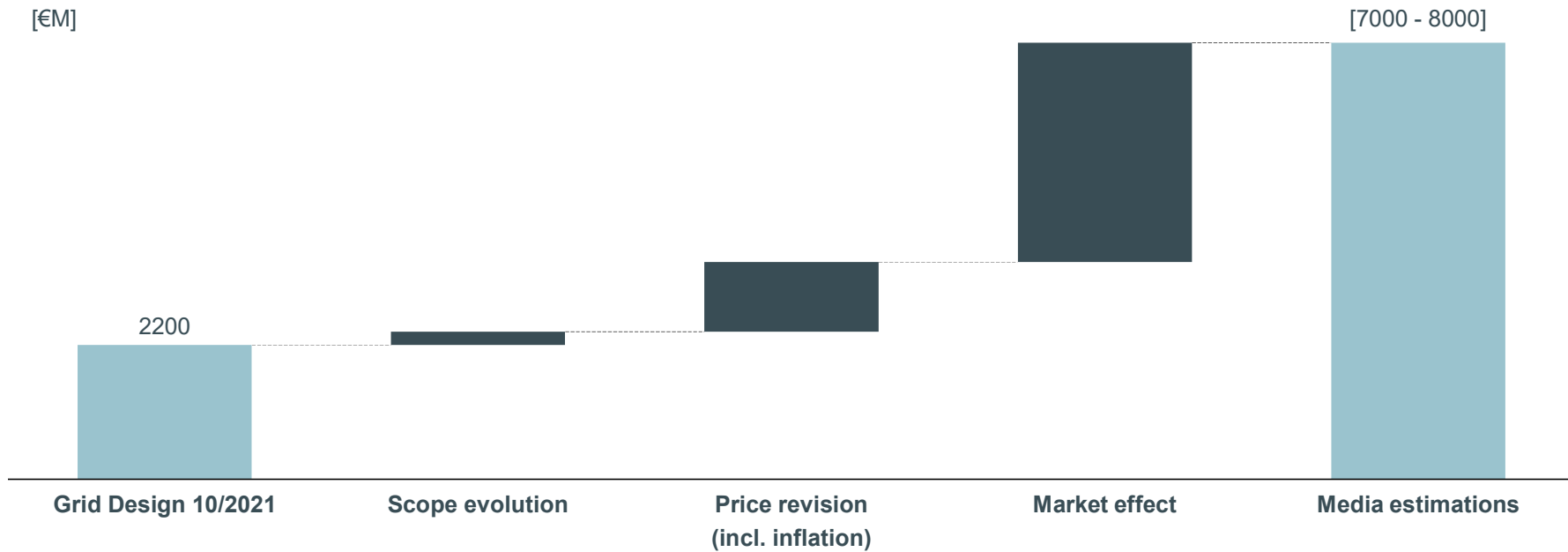
<b>Final Investment Decision</b>	February 2015	April 2017
<b>Estimated budget</b>	660 €M <sup>1</sup>	392 €M
<b>Delivered budget</b>	<b>630 €M</b>	<b>355 €M</b>
<b>Planned operational date</b>	January 2019	March 2020
<b>Actual operational date</b>	<b>January 2019</b>	<b>January 2019</b>
<b>Time between FID &amp; operations</b>	<4 years	<2,5 years
<b>Technical characteristics</b>	<ul style="list-style-type: none"> <li>• 140 km 400kV DC cable</li> <li>• 1,000 MVA connection capacity</li> </ul>	<ul style="list-style-type: none"> <li>• 125 km 220kV AC cable</li> <li>• 1,085 MVA connection capacity</li> </ul>

1. At final budget approval in November 2015

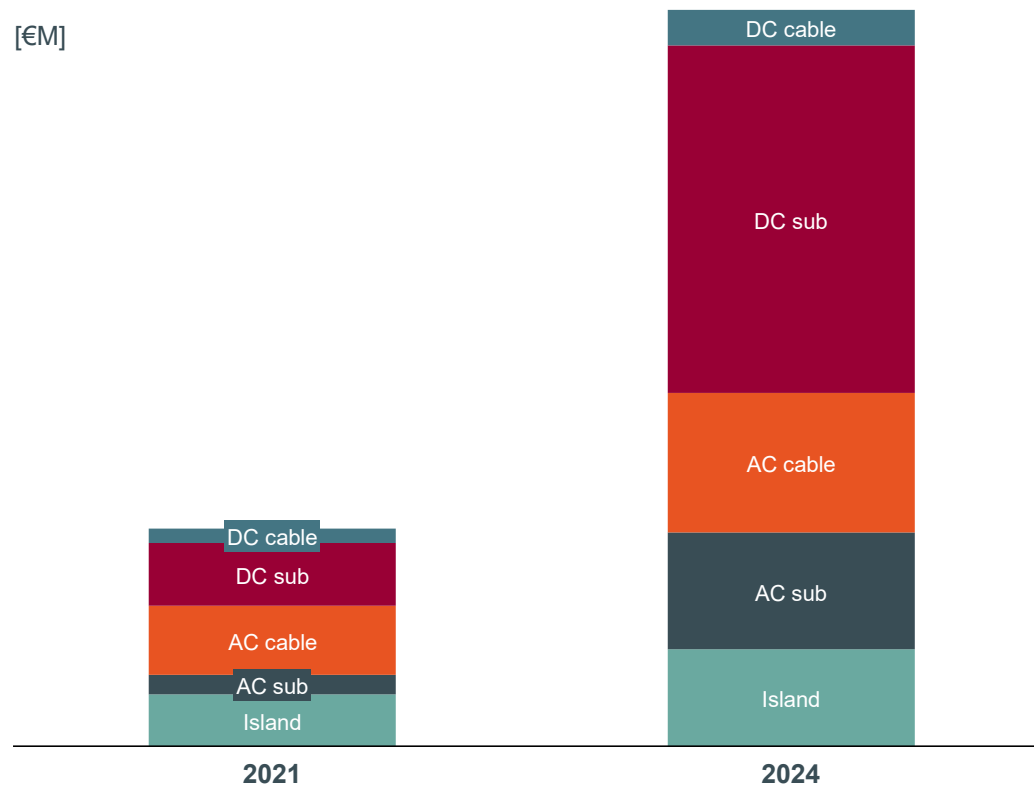
# The war in Ukraine induced a major snowball effect on electrical equipment prices



# Princess Elisabeth Island: majority of total cost increase is due to market effect



# Cost increases per package (order of magnitude): most important increases are related to (AC and DC) substations, not to the island

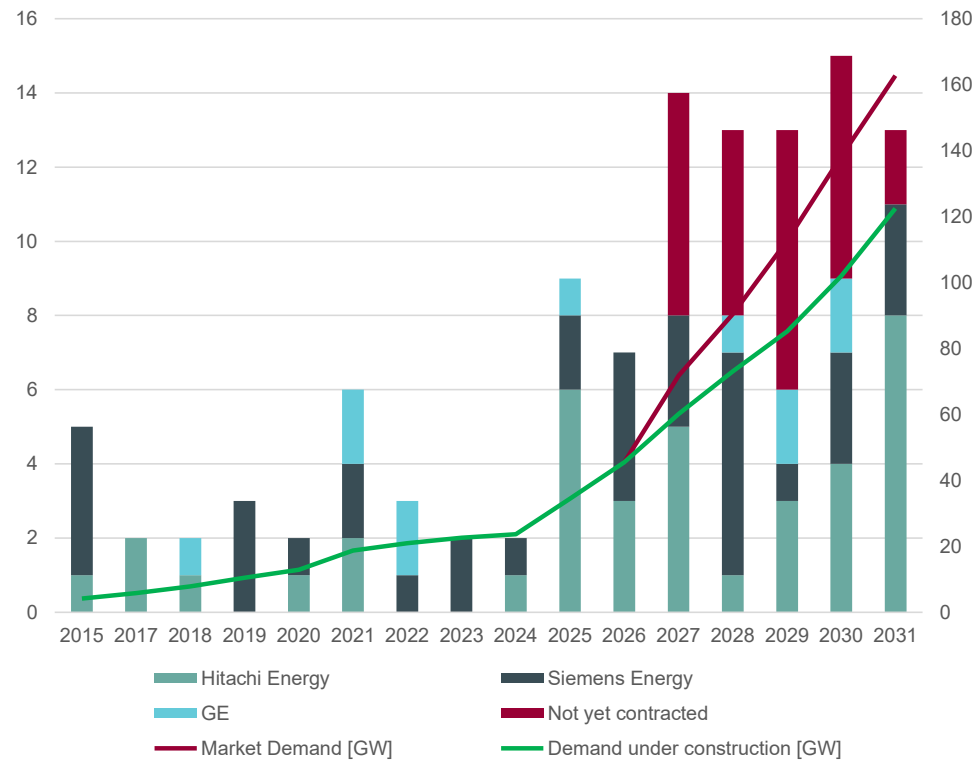
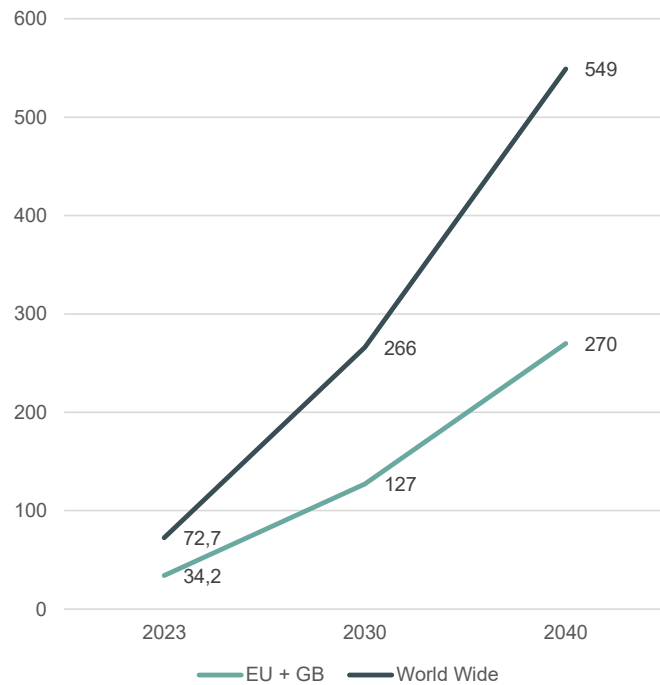


Note: General costs (project management, contingency) allocated across respective packages



# The investment pipe for HVDC substations is already full today while we are lagging behind the RES targets

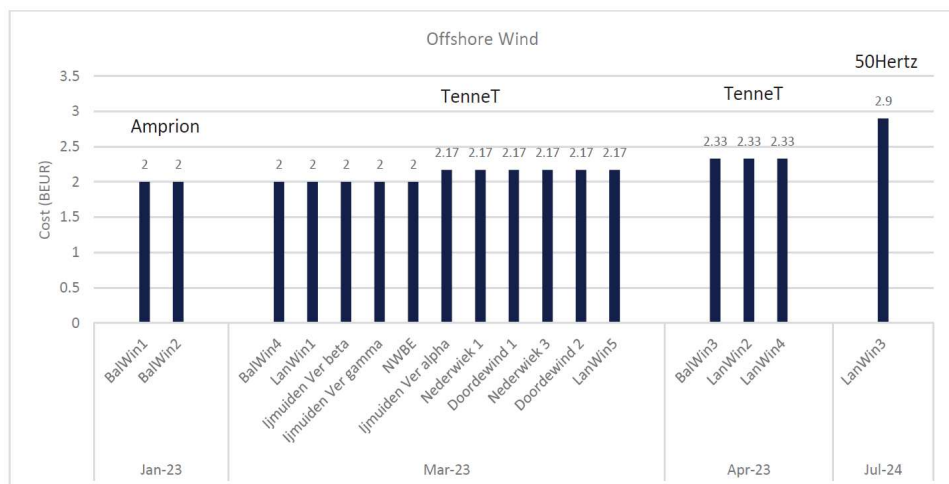
Global Offshore Wind Forecasts [GW]\*



26 projects or 62GW have yet to award a contract.

\*: TGS/4C Offshore OFFSHORE TRANSMISSION & CABLES OUTLOOK: Q3 2023  
[Interactive data & maps | WindEurope](#)  
[Global offshore wind energy capacity 2023 | Statista](#)  
 \*\*: Worldwide ≥320kV HVDC projects, source: RTE HVDC monthly report

# Estimations for DC substations are in line with latest benchmark while our DC system offers better opportunities (hybrid interconnection)

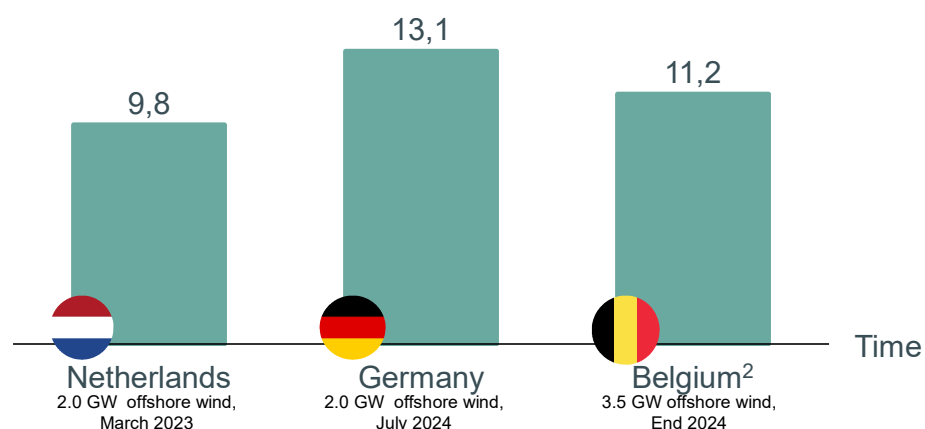


### Notes:

The information in this chart does not take into account costs related to:

- Project management, risk contingencies, insurances, ...
- Inflation and material indexation
- Based on public information and aggregate numbers. Numbers can vary  $\pm 100\text{M€}$

Like-for-like grid connection cost<sup>1</sup> per MWh offshore wind energy produced over 30 years wind farm lifetime [€/MWh]



### Key take-aways:

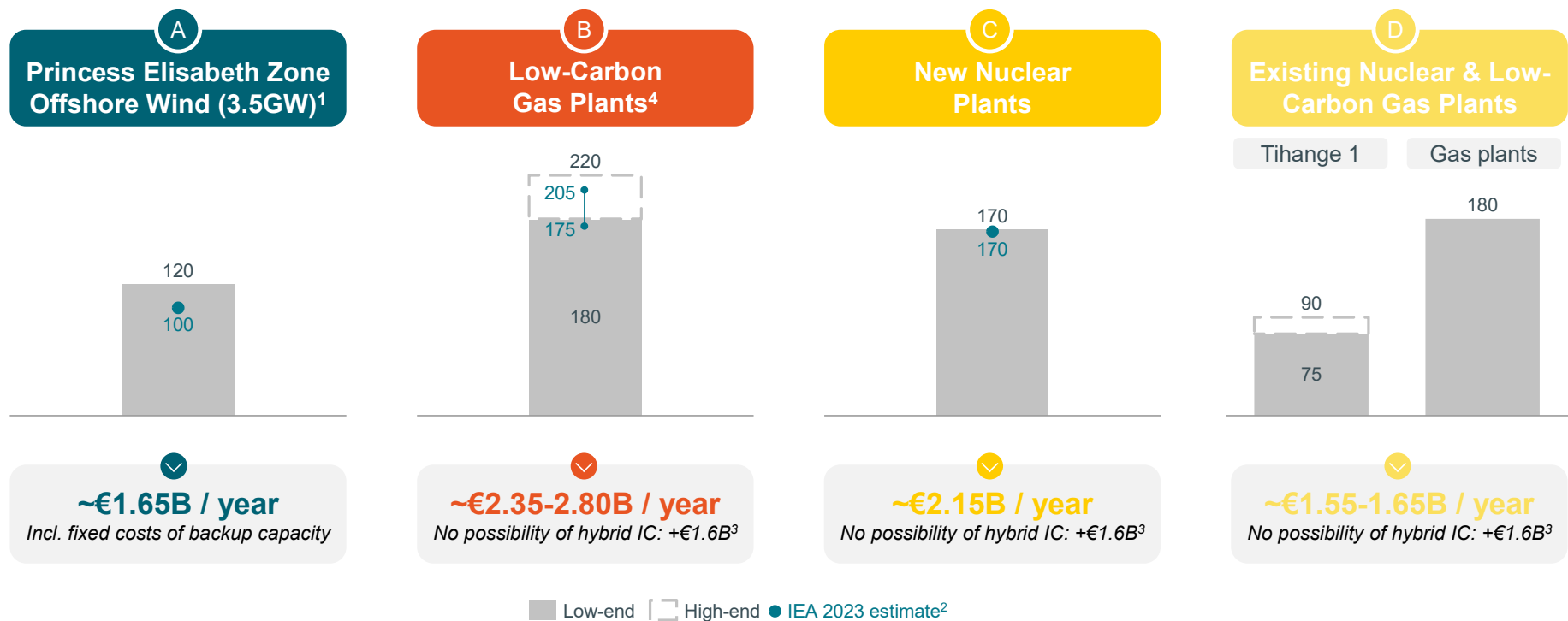
- Compared to recent orders (e.g., LanWin 3), PEI is more cost-efficient
- The Netherlands' lower price point was lower thanks to (1) earlier contract orders (before further price increases), and (2) volume-effect benefits as TenneT procured 10x2GW
- PEI has an additional advantage of installing a hybrid connector, creating more value for society and is a strategic position to interconnect to Nordics generation capacity

1. Includes both substation and foundation (island or jacket respectively) capex 2. Excluding project management, insurance, etc. to have a like-for-like comparison

Source: DNV GL benchmark

# Integrating 3.5 GW domestic offshore wind is a competitive option to generate 13 TWh decarbonized electricity

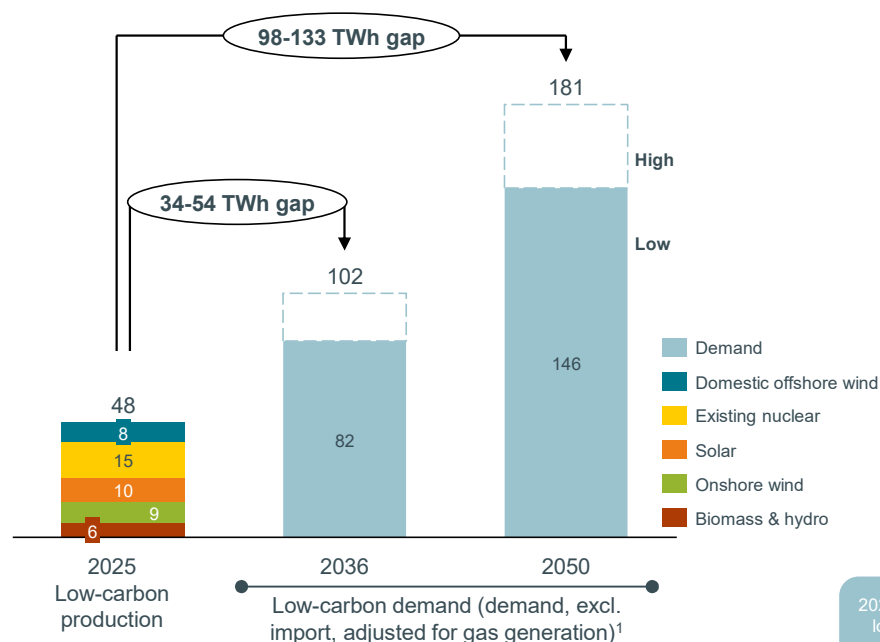
## Levelized cost of electricity (LCOE) for different low-carbon options (€/MWh)



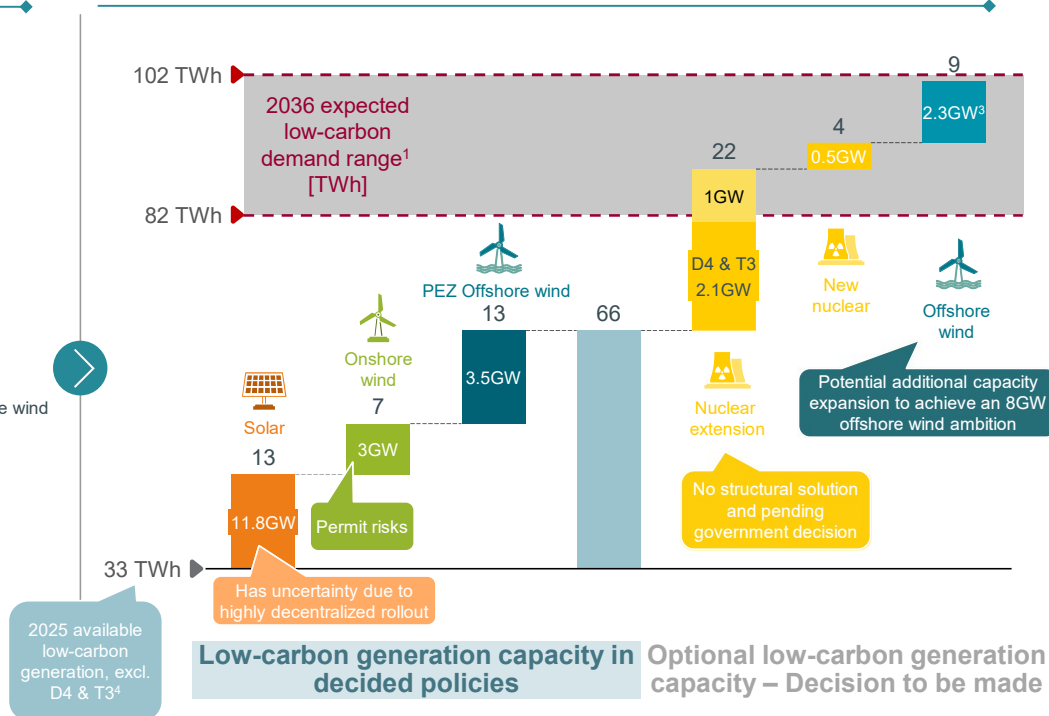
Note: Rounded figures; 1. Weighted for AC-connected (~105 €/MWh) and DC-connected (~145 €/MWh) wind capacity and assuming full DC cost is allocated to offshore wind vs. Nautilus; 2. IEA WEO 2024 numbers for 2023; 3. Without PEI, Nautilus no longer benefits from an offshore HVDC connection point => additional infrastructure needed to connect Nautilus to the Elia network (50km offshore cable, 100km onshore cable, 1 onshore converter station); 4. Low-end for CCGT-CCS, high-end for H2GT; Source: Complementary note on economic methods - Follow up CREG Workshop on MOG2 Cost evolution (Elia, Oct 2024); International Energy Agency; Federaal Planbureau

# PEZ offshore wind contribution will be needed to close the low-carbon electricity gap in a cost-efficient way by 2036

Low-carbon generation gap<sup>1</sup> [TWh]

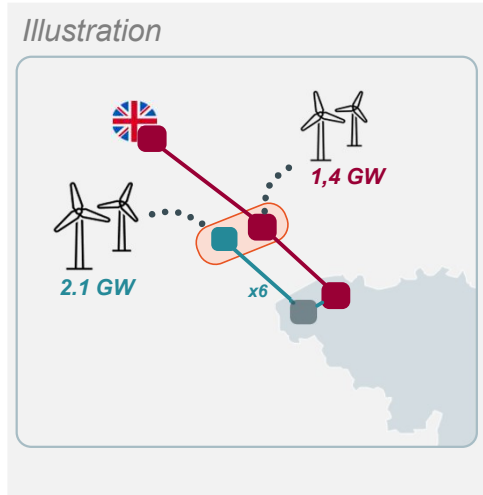


Domestic low-carbon generation potential, 2036 [TWh]<sup>2</sup>



1. Based on Elia "Blueprint 2024 study", Energyville "Paths 2050" central scenario, Federaal Planbureau "Energievooruitzichten tegen 2050" & ENTSO-E "TYNDP2024" scenarios, assuming 10% imports, 25TWh gas generation in 2036 and unabated gas generation for 2050 and linear interpolation between periods; 2. Based on blueprint 2024 study, central scenario of domestic RES; 3. Additional offshore wind capacity beyond currently installed 2.3GW and PEI 3.5GW to achieve 8GW ambition; 4. Currently available low-carbon generation expected to be available in 2036 as well, excl. 15 TWh from D4 & T3 as current extension only runs until 2035

# From a consumer's perspective the benefits of Princess Elisabeth Island are expected to still outweigh costs, while providing access to low-carbon electricity



+ Benefits		- Costs	
<b>Electricity bill impact</b>			
Lower average electricity price	5-10 €/MWh	Princess Elisabeth Island	5-5.5 €/MWh <sup>1</sup>
		Additional cost Nautilus (UK-PEI)	~0.5 €/MWh <sup>1</sup>
	<b>5 - 10 €/MWh</b>		<b>5.5 - 6.0 €/MWh</b>
<b>Other effects</b>			
Social Cost of Carbon reduction	2.5-9 €/MWh <sup>2</sup>	CfD offshore wind PEZ	Up to ~1.2 €/MWh <sup>3</sup>
Avoided security of supply costs equivalent to 800 MW adequacy	~0.3 €/MWh		

1. Industry impact will be lower than the indicated range, because of tariff methodology and timing impact; 2. Based on ENTSO-E handbook climate avoidance costs, indicating a central/high range of €269-498/t CO<sub>2</sub> avoided, represents benefits from PEI only 3. Assuming 50% share of Nautilus infra between PEI and UK attributed to Elia; Assuming €682M max support for first 700MW concession equally available for remainder of the 3.5GW (€3.4B total support), with worst case assumption that support is fully utilized over the 20 years CfD period, distributed over expected electricity demand evolution between 2030 and 2050 (CfD duration)

# We have already taken a series of actions to mitigate cost impact and are exploring further options to reduce the cost for consumers



## Actions already taken

- Developing a hybrid interconnector: an increased benefit for customers thanks to better asset utilization
- Procurement and commercial model: optimization and fast move to best fit the new market context
- Ongoing assessment to review budget assumptions in view of recent market developments
- Secured a €650M green loan from the European Investment Bank
- €100M support from the European Recovery & Resilience Fund
- Subsidy for PEI's nature inclusive design

## Further options to explore

- Dialogue with EIB for an additional loan
- Explore further options within the European Recovery & Resilience Fund
- Discuss a potential tax adjustment for Elia for investments in connecting renewable energy/ increasing security of supply
- Revisit obligations on dismantling provision for offshore infrastructure
- ...

## Summary

- Achieving carbon-neutral European and Belgian targets will lead to significant increase in electricity consumption.
- It will request major investments. Increasing importance of networks is broadly acknowledged (eg recent Draghi report).
- Carbon neutral production sources will also have to be developed on a massive scale both in Europe and in Belgium.
- Electrical equipment and installation prices have risen sharply as a result of the war in Ukraine and the upward revision of European ambitions.
- The Princess Elisabeth Island solution stays a necessary option on the short term to meet Belgian objectives (Security of Supply (800MW – 0,3 €/MWh), Pressure on electricity prices (5 to 10 €/MWh), Access to low-carbon generation (13 TWh), CO<sub>2</sub> reduction (2,5 to 9 €/MWh)) over the next decade and beyond.
- PEI leads to a progressive increase of the transmission cost, with a maximal impact of 5-5,5 €/MWh in 2032 (delta of €2,3 to 2,8/MWh following budget increases since the tariff proposal was validated)
- Tariff increase is not a Belgian phenomena but a European one which has to be addressed to preserve the competitiveness of our industries and to protect most vulnerable populations

Thank you.





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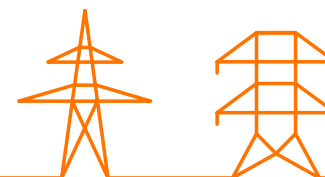
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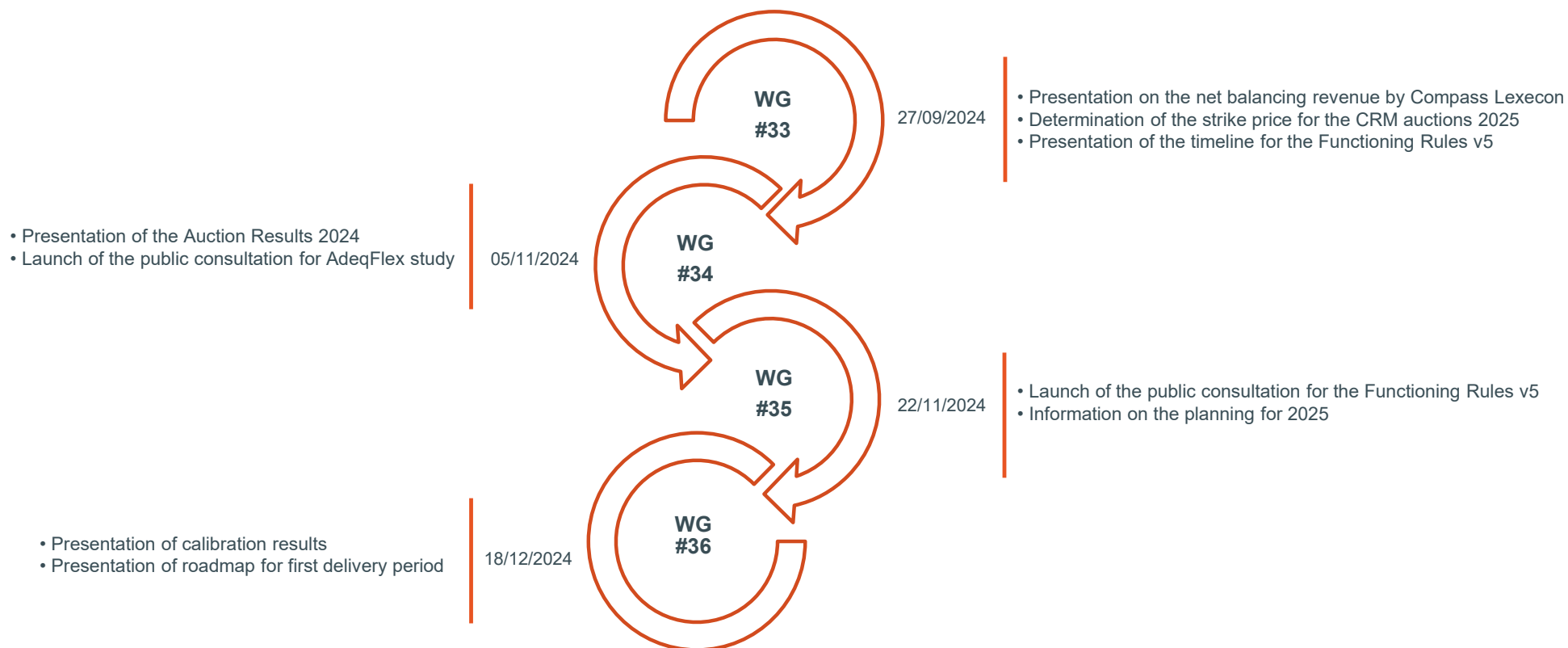
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**WG Adequacy**

# WG Adequacy – Q4 2024 Meetings



## Main Topics

- Presentation of the results of the external study by Compass – Lexecon on the balancing revenues.
- Auction Results 2024 (also available on Elia's [website](#))
  - Presentation of Y-4 and Y-1
- Launch of the public consultation for AdeqFlex study on 05/11
  - Discussion on the Adequacy and EVA methodology
  - Discussion on the Flexibility study assumptions
  - Presentation of the scenarios for supply and storage, demand, end-user flexibility, cross-border exchanges and EU assumptions
- Launch of the public consultation for the Functioning Rules v5 on 22/11
  - Presentation of the design changes: PQ, Auction, Availability Monitoring, Pre-Delivery Monitoring, Payback Obligation, Secondary Market, XB participation
- Planning 2025 (see next slide)

## Y-4 2028-29 auction results – takeaways

**A significant step has been taken in terms of security of supply for the delivery period 2028-2029:**

- 1.926 MW of capacity has been contracted in this Y-4 auction, including:
  - 188 MW of different (6) new batteries
  - 246 MW of demand response is contracted
  - 1.723 MW of existing capacity (an increase of 751 MW compared to last year's Y-4 auction)
- In previous auctions, the CRM has already contracted 2.247 MW of new capacity for the delivery period 2028-2029.

**A net volume of 381 MW is transferred to the Y-2 & Y-1 auctions for 2028-29 as a consequence of lower offered liquidity.**

- Despite lower liquidity, the weighted average price (28,0 k€/MW/y) is significantly lower than last year's auction (36,4 k€/MW/y).
- Even though there was room for an additional 630 MW, the net volume transferred to later auctions is lower because of the dynamic correction

## Y-1 2025-26 auction results – takeaways

### Security of supply for the delivery period 2025-26 is safeguarded

- 14.628 MW of capacity (will be) present in the system, while the target volume is 14.155 MW

### High liquidity and a competitive Y-1 auction

- Offered volume (3.131 MW) exceeded the demand by 472 MW
- Weighted average price well below intermediate price cap (IPC): 15,7 k€/MW/yr (⇔ IPC: 27,3 k€/MW/yr)
- 2659 MW was selected in this Y-1 auction, including:
  - 1054 MW existing capacity
  - 1260 MW indirect foreign capacity (DE: 284 MW & NL: 976 MW)
  - 345 MW of Additional capacity

### First participation of foreign capacities to the CRM was successful

- 1.260 MW of foreign capacity selected (976 MW from NL & 284 MW from DE)

# Planning 2025\*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WG	Mon 27/01 PM (13:30-16:30)	Fri 21/02 AM (09:30-12:30)	Fri 28/03 PM (13:30-16:30)	Thu 17/04 PM (13:30-16:30)	/	Wed 18/06 AM (09:30-12:30)	/	Thu 28/08 PM (13:30-16:30)	/	Thu 16/10 PM (13:30-16:30)	/	Tues 16/12 AM (09:30-12:30)

\* Subject to changes



## Market readiness for start of the first delivery period (Nov '25)

Goal – Ensure that the Capacity Providers (with contract for '25 – '26) understand AMPBO/settlement rules and are ready to operate the process

Documentation  
& Use Cases  
(Elia website)

Info Sessions &  
Trainings

Operation  
Preparation

Communication

Detailed roadmap will be presented during WG Adequacy of 18/12







**WG Belgian Grid**

## WG Belgian Grid – Q4 2024 Meetings

### 29/08 – workshop dedicated to the connection process

- **EOS – serial approach**
  - no serial approach, speed over accuracy
- **Capacity reservation**
  - all capacity reserved at the same moment = order of the EDS
  - limited in time
- **Capacity allocation**
  - bank deposit: still to be developed, high level principle to be written in Code of Conduct

### 01/10

- **Connection process** in the Code of Conduct
  - summary of what has been submitted
- **Federal Development plan**
  - survey results:
    - important: identification of the system needs, needs of crossborder&offshore, horizontal&vertical grid
    - Closer involvement of WG BG requested, more stakeholder interactions
    - WG BG is interested in the variant analysis of large projects
- Planning and changes **connection contract**
  - Currently redrafting to include feedback from regulators
  - New consultation planned start of Januari 2025
  - Submission planned: Q1 2025
- Planning and changes **access contract**
  - Public consultation 27/09 – 27/10
  - Submission planned Q4 2024
- Changes **conformity process**
  - Detailed description and justification of the update to be found in chapter 3.8 of “Final Outcomes of the Task Force PEZ”



## WG Belgian Grid – roadmap 2025

### Contracts

- Integration GUFlex in connection contract\*
- Flexible access modalities (cap, temporary period,...)
- Connection process modalities (bank deposit, ..)

### EU Regulation

- Workplan Implementation Requirements for Generators/Demand Connection Code\*\*

### BE Regulation

- Code of Conduct
- RTTR (Brugel)

### Federal Development Plan

- Set-up of taskforce

\* Dependant on timing CREG of consultations and publications

\*\* Dependant on timing of approval – currently estimated late Q2 2025

# WG Grid

Summary since previous UG



## WG Grid – meeting on 4/10

### European Markets

- Next steps in the **forward market**
  - Presentation of the process leading to a revision of the forward capacity allocation (FCA) guideline
  - Presentation of Elia's main ideas for evolution (towards fully financial products), alongside ENTSO-E positioning
    - Conclusion: continue the dialogue throughout the next steps of the process
- Information about the new **Central Europe capacity calculation region**, and next steps
  - The region Core and North Italy will merge for the day-ahead timeframe
    - Conclusion: keep the stakeholders informed about the progress
- **Agendas** of next Market Coupling **Consultative Group** and Core Consultative Group
  - Key topic: implementation of 15min granularity in DA in 2025
    - Conclusion: Co-optimisation and SDAC decoupling event topics will be brought to a next Grid WG.



## WG Grid

### System Services Design

- **iCaros:** presentation of activities of the TF iCaros until the end of the year
  - The phase 2 is starting (workshop held on 21/10), covering namely TSO production unit >1MW, and operational planning down to DSO level
  - Design discussion will start on the design, alongside taking the learnings from the phase 1 based on a survey (results will be discussed during the workshop on 11/12)
- **GUFlex:** workshops took place on 10/10 and 15/11, where the following points have been discussed:
  1. Design evolutions for the phase 1 (e.g.: BRP correction, approach for reevaluation of flexibility also after contract signature)
  2. The proposed focus for the phase 2 on impact BSP/CRM, and on mixed sites
  3. An extensive elaboration of the target design to evolve towards a TOTEX optimization with merit order activation, and a suite of products – with highlights on the open questions and interdependencies
  4. The proposed roadmap approach to deliver regular progresses in the coming years
    - The next workshop on 11/12 will continue to focus on the phase 2, while confirming the roadmap based on stakeholder' input
- **Offshore:** conclusion of the work in the TF PEZ
  - The publication of the report closes the process of stakeholder engagement in the preparation of Elia documents for the tender of offshore wind farm in the PEZ.
  - Slides have been sent to explain in more details the impact of the flex access on PEZ lot 1
- **Black-start and MVar:** status on procurement process + start of implementation for new evolutions



## WG Grid

### Operations

- Summer review with a focus on incompressibility
- A workshop took place on 13/11 on shaping the future of the forecasting tools



# WG Grid – roadmap 2025



Chairmen: Walter Geelen & Benjamin Genêt  
Secretary: Guillaume Valentin

- European Markets :
  - 15min granularity in day-ahead market
  - Go-live of the third intraday calculation (IDCC\_C)
  - Approach and timing to move to a gate closure time of 30min for ID
  - Evolutions of forward market (implementation, impact assessment and FCA 2.0)
- System Services Design:
  - iCAROS phase 2 + learnings phase 1
  - GUFlex
    - Regulatory traject phase 1
    - Design and regulatory traject phase 2
    - Design traject for the target model
    - Proof of concepts and regulatory sandboxing for specific (demand) projects
  - Further evolutions and tenders black start and MVAr
- Operations:
  - Incompressibility
  - NCC 2024 yearly report
  - Winter/Summer outlook and review



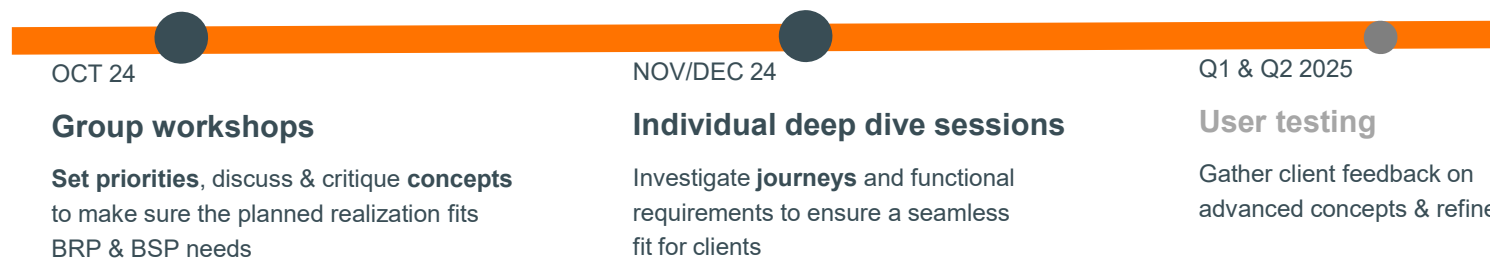
# WG Energy Solutions

Summary since previous UG



## WG Energy Solutions 30/09/2024

### BRP/BSP Journey



### Trial publication of the imbalance price forecast on traXes

- Major interest from the market
- The quality analysis is performed on a limited period (11 days). More data is needed to assess the overall quality of the forecast.
- Overall, the **imbalance price forecast** during the analyzed period is **less precise** than the quality calculated for the months of July-August. We also observe that the first 1min publication is further away from the final imbalance price than in July-August.
- The **confidence indicator** shows the **expected behavior**: +15% error from high to medium confidence, +65% error from high to low confidence



# WG Energy Solutions 30/09/2024

## EU & BE Balancing Program Update



- The go-lives of the aFRR Design Evolutions and PICASSO Connection currently **remain targeted in November and remain subject to the confirmation of the qualitative & stable implementation**, and more particularly of the different testing results foreseen in the coming weeks.
- Specifically, the go lives of aFRR Design Evolutions and PICASSO are targeted to take place **in the last weeks of November in 2 steps** :
  - aFRR design evolution (incl. the option for BSPs to specify a shorter activation/deactivation period, the option for BSPs to use a real-time baseline and the amendments related to the opening to low-voltage)
  - PICASSO Connection (incl. the change from paid-as-bid to paid-as-cleared remuneration of aFRR Energy Bids and the removal of the local bid price limit for non-contracted aFRR Energy Bids)
- **The evolution of the default full activation time from 7,5 to 5 minutes is targeted for the 4<sup>th</sup> of December** (and subject to the effective connection to PICASSO in accordance with the implementation plan of the T&C (see here after))
- **A final confirmation** of the go-live dates **will be sent to the members of WG Energy Solutions and all BSPs early November** (and at the latest 2 weeks before the first go-live).
  - For the PICASSO connection, this confirmation might still be subject to the final approval in accordance with the accession process on European level

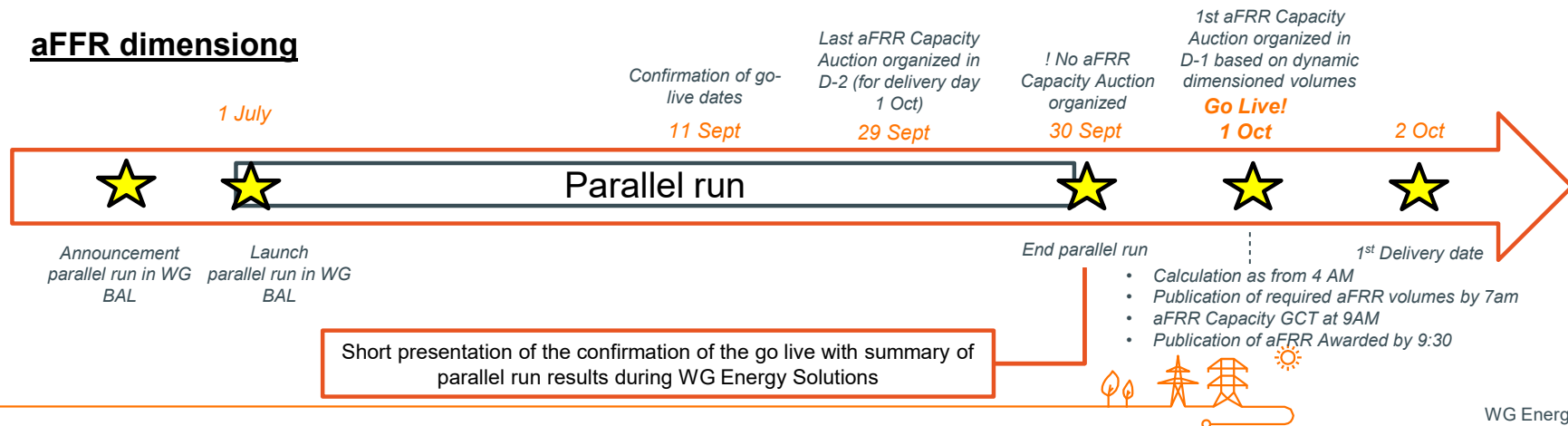


# WG Energy Solutions 30/09/2024

## Incompressibility – Summer feedback 2024

- Summer 2024 was a **statistical advantageous scenario compared to period 2019-2023** with
  - Very few (very) sunny days, especially on weekend days & holidays
  - Wind production at par
  - Slight increase of the total load
  - More often & larger short open position
- ... giving market parties and Elia **more room than expected** to balance inflexible with more flexible production assets
- ... yielding lower and less frequent export needs than anticipated

## aFFR dimensioning



## WG Energy Solutions 30/09/2024

### Balancing incentive status: Improvement of data provision



#### Main elements roadmap '24

Elia will improve the performance of EPIC to increase user satisfaction

Elia will make available an API solution so that Elia stakeholders can access metering data for which they are the grid user

Elia will investigate to open the sftp that Elia shares with the CREG with data available on the ENTSO-E transparency platform

Elia will make available an API that contains the carbon intensity of the produced electricity in the Belgian grid

### Balancing incentive status: Smart Testing - Implementation

- There are **changes needed to the T&C mFRR** in order to be able to implement the smart testing algorithm.
- In addition, after performing some initial test runs using the algorithm on real data, the results showed that **some modifications, beyond those required for changes in the regulatory framework, will improve the functioning of the algorithm.**
- Status update on the incentive: **IT implementation is progressing well, parallel run going as planned.**
- A document regarding availability testing in the market has been made available to the market parties. Elia invited the market parties to give their feedback on this document.



## WG Energy Solutions 30/09/2024

### Public Consultation on T&C BSP FCR

- Public Consultation on the T&C amendments to be held [18/10/2024 – 18/11/2024]
- Three topics have been moved to the next T&C amendments to be consulted March 2025, as they impact activation control:
  - Declarative baseline methodology
  - Combo delivery of products & EMS (if applicable)
  - Migration of real-time communication from TASE2 to RTCP/Flexhub and data granularity from 2s to 4s
- This move does **not** impact the targeted go-live date of these topics.
- A workshop on the next continuous activation control & the other T&C amendments will be held **Mid December**

### REMIT II: New obligation for Elia regarding market surveillance

Any person professionally arranging transactions (PPAT) in wholesale energy products who reasonably suspects that an order to trade or a transaction, including any cancellation or modification thereof, whether placed on or outside an OMP, could breach

- Article 3 – Prohibition of Insider trading ;
- **Article 4 – Obligation to publish Inside Information ;** **NEW**
- Article 5 – Prohibition of Market manipulation.

shall **notify the Agency and the relevant national regulatory authority** without further delay and in any event no later than four weeks from the day on which that person becomes aware of the suspicious event.

PPAT shall **establish and maintain effective arrangements, systems and procedures to identify these potential breaches.**

Establish Market monitoring activity

Identify and analyze anomalous events

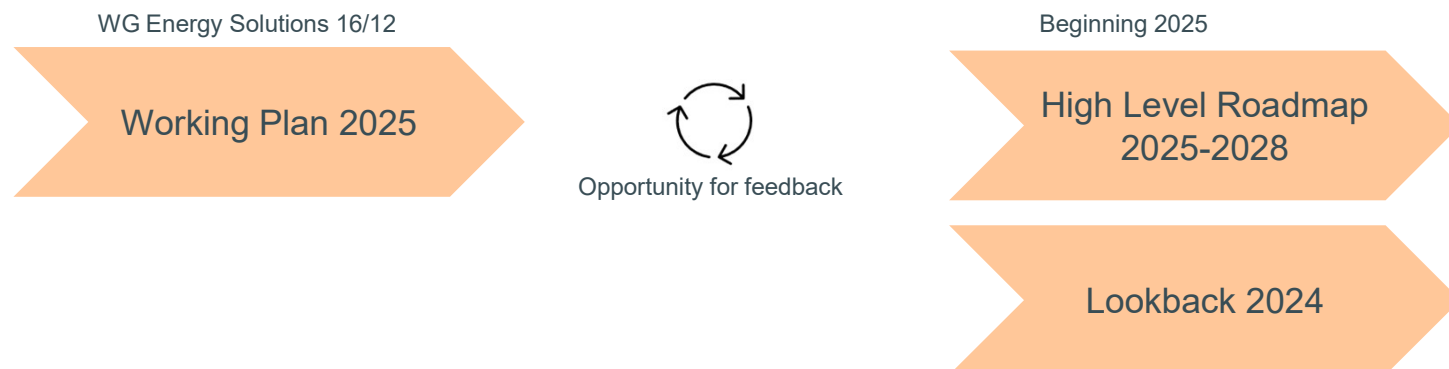
Notify suspected transaction to NRA/ACER

NRA/ACER determines if there is a breach of REMIT

## Outlook 2025 – Energy Solutions

An integrated outlook for the further development of **flexibility** as an enabler for the energy transition will be provided in a 2 steps approach, allowing market parties to provide feedback.

KEY DIMENSIONS
Operational Process <b>digitalization</b> BRP - BSP
Increase liquidity and competition in <b>explicit</b> balancing and foster ToE at all voltage levels
Lower barriers for participation in <b>implicit</b> (balancing) markets through evolution of real-time price and foster multiple BRP/supply split at all voltage levels

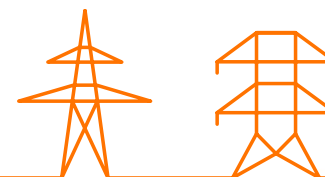


# Agenda

1. Approval report 23/09/2024
2. Prinses Elisabeth Zone/MOG II
3. Feedback Working Groups (including roadmap 2025)

## 4. AOB

- Recommendation
- Membership
- Practicalities 2025







**AOB - Recommendation**



**AOB - Membership**

## AOB – Request membership

### Vlaams Energie- en Klimaatagentschap (VEKA)

Het Vlaams Energie- en Klimaatagentschap (VEKA) is een verzelfstandigd agentschap van het beleidsdomein Omgeving en geeft uitvoering aan een duurzaam energie- en klimaatbeleid.

Het VEKA heeft als missie het **voorbereiden, stimuleren, coördineren, uitvoeren, opvolgen en evalueren van beleidsinitiatieven** op het vlak van **energie en broeikasgasemissies** die bijdragen aan de **omslag** naar een **klimaatneutrale en duurzame samenleving** in **Vlaanderen**, waarbij de beleidsinstrumenten op een **kostenefficiënte en kwaliteitsvolle** manier worden ingezet en rekening wordt gehouden met de **sociale en economische impact**.

→ We would like to welcome VEKA in the Plenary meetings as a member as of 01/01/2025

DO YOU AGREE?

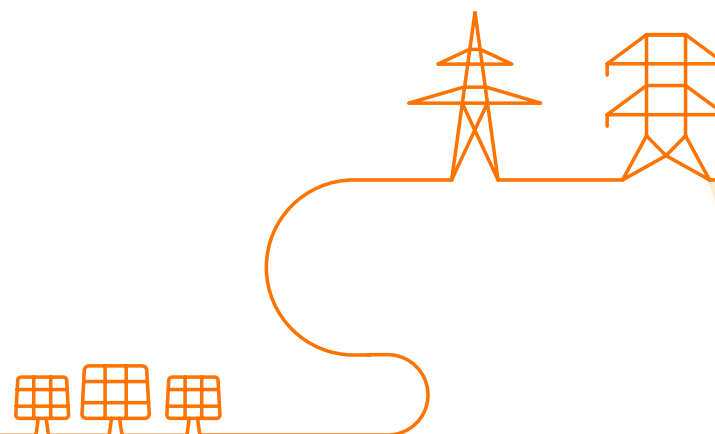


## AOB – change membership

### FEBELIEC

Has 3 seats

- 2 are taken by Peter Claes and Michaël Van Bossuyt
- 3<sup>th</sup> seat will be taken by: **Andreas Tirez**



# AOB - Practicalities



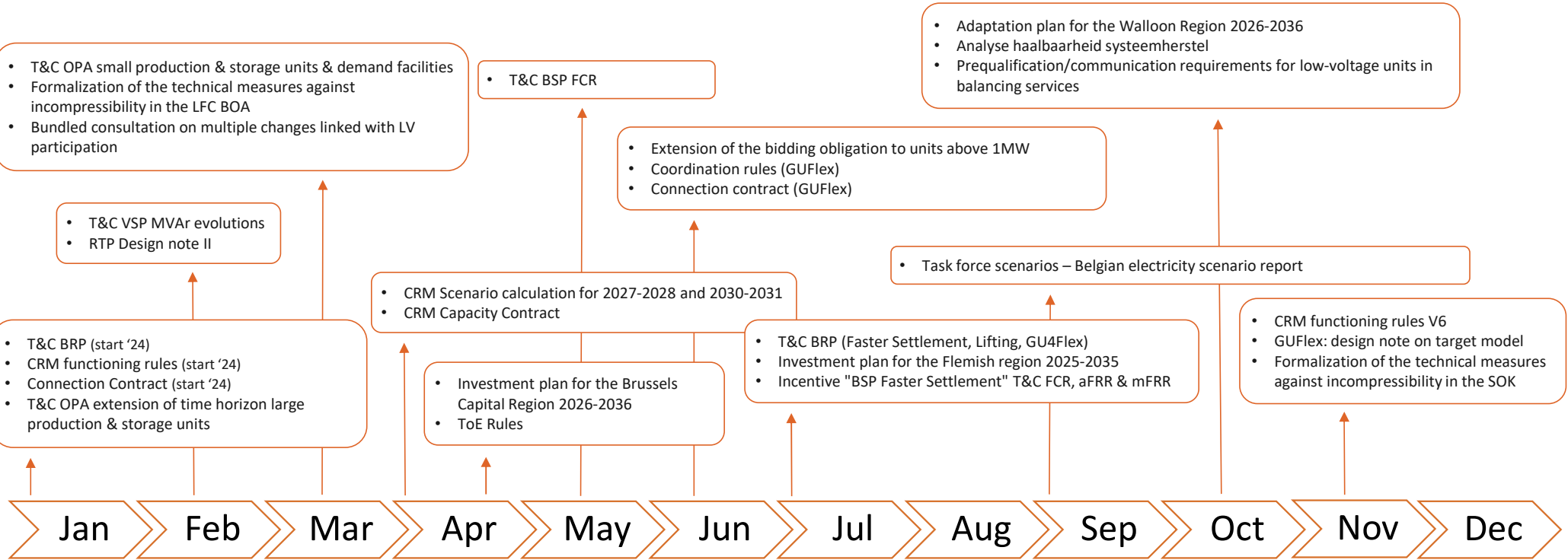
**Scope:**  
 In 2025 around **27 public consultation** will be launched → Around the same amount of last year. 2024 = 26.

**Disclaimer:**

- This high level overview is based on the legal deadlines included in the electricity law, FGC, the EU network codes and guidelines or requests by the regulator(s).
- However final planning still needs to be discussed with the regulator and as such can be modified in accordance with their views and requests.
- The arrow indicates the start time, the block does not indicate the duration of the consultation period.

**Best effort**

- Elia tries to spread the launch of the public consultations as much as possible and foresee sufficient time (≠ public consultations periods) for stakeholders to respond to the public consultations.
- Where possible we will also try to combine/cluster topic.



Regional/EU  
**ENTSO-E public consultations**  
**Disclaimer:** at this stage a detailed overview of the ENTSO-E public consultations for 2025 is currently not yet available.