



WG Balancing of 7th February 2024

Hybrid meeting

7/2/2024



For a smooth teleconference with 30+ people ... Some rules apply

- Please put yourself on mute at any time that you are not speaking to avoid background noise.
- If you receive a call, please ensure that you do not put this meeting **on hold**.
 - You can quit and reconnect later on.
 - You will be muted or kicked out of the session, if necessary.
- You will be requested to hold your questions for the end of each presentation.
 - Should you have a question, please notify via Teams or speak out if you are only via phone.
 - Share your question (with slide number) in advance so all participants may follow
 - Before you share your question, please announce yourself.
- If you have a poor internet connection, please dial-in.
- Finally, please be courteous and let people finish their sentences.
 - It is practically impossible to follow when 2 people are speaking at the same time in a teleconference.



Agenda

10:00 - 10:30: EU & BE Balancing program update

10:30 - 10:45: aFRR evolutions and connection to PICASSO

10:45 - 11:15: Evaluation plan for the calculation rules of the imbalance price

11:15 - 11:30: Improvement in the provision of data by Elia

11:30 - 12:00: Faster BRP settlement



Minutes of Meeting for approval

Minutes of Meeting of WG Balancing of 18/12/2024

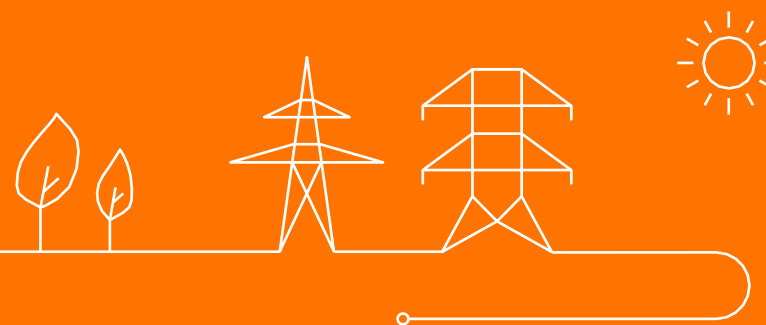
Comments

- **Suggestion to approve:**
- The MoM of 18/12/2024



EU & BE Balancing Program Update

Cécile Pellegrin

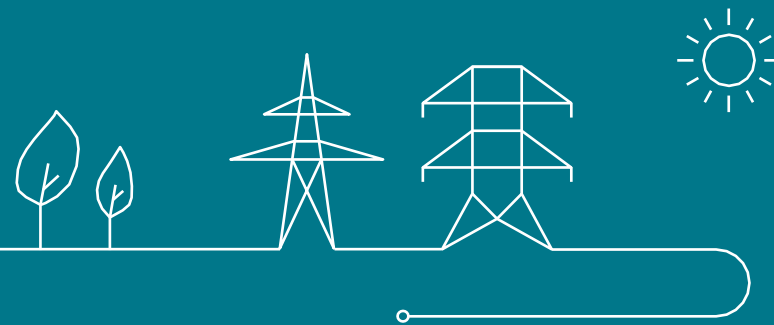


Agenda of today's presentation

- MARI & iCAROS : status
- T&C BRP:
 - Status update
 - Evaluation plan (see specific presentation here after)
- aFRR Design Evolutions & Connection to PICASSO (see specific presentation here after)
- Roadmap 2024 & Incentives 2025
- Coming stakeholder management interactions



MARI & iCAROS : status



Consolidated planning for MARI, iCAROS Phase 1 and PICASSO

Roadmap as defined in February 2023

- Local go live of the new mFRR bidding and iCAROS phase 1 **Mid February 2024**
- Connection to EU mFRR balancing energy platform **Mid April 2024**
- Connection to EU aFRR balancing energy platform **Mid June 2024**





Update of the Roadmap



- Local go live of the new mFRR bidding and iCAROS phase 1 **Mid May 2024**
- Connection to EU mFRR balancing energy platform **June 2024**
- Connection to EU aFRR balancing energy platform **October 2024**



MARI & iCAROS phase 1: status & impact on “PIM” planning

- Impacts of these changes still need to be further assessed :
 - In more details for the PIM projects 
 - For the other initiatives foreseen in the Roadmap 2024 

It seemed us however important to already inform all parties of this change and collect any needed feedbacks.

- The new local go live remains conditioned to:
 - The effective approval of these regulated documents before end of February 2024
 - The approval of the Amended T&C BRP 
 - The readiness of the market parties (i.e. successful testing end of March 2024 for Mid-May 2024 go live) 

⇒ **A go/no go check will be done end of March 2024 in order to ensure the Local go live of the new mFRR bidding and iCAROS phase 1 Mid-May 2024**

BUSINESS TESTING PROTOCOLS WITH MARKET PARTIES

	Tests	Type	What	Who	When		
iCAROS	iCAROS_1	Reproduction of real situation	Update of an Availability Plan	OPA	Day I	23/05/2023	
					Day II	25/05/2023	
					Backup	01/06/2023	
	iCAROS_2		Initialization of Schedules & RD Energy Bids	SA OPA	Day I	10/10/2023	
					Day II	11/10/2023	
					Backup	16/10/2023	
	iCAROS_3		Updates of Schedules & RD Energy Bids	SA OPA	Day I	17/10/2023	
					Day II	18/10/2023	
					Backup	23/10/2023	
	iCAROS_4		Simulation of scenario's	SA	Activations of RD, Return to Schedules Requests	Day I	24/10/2023
						Day II	25/10/2023
						Day II	26/10/2023
Backup		06/11/2023					
Back-up week 30/11 - 03/11/2023							

	Tests	Type	What	Who	When	
MARI	MARI_1	Reproduction of real situation	Initialization & updates of mFRR Energy Bids	BSP	Day I	07/11/2023
					Day II	08/11/2023
					Backup	13/11/2023
	MARI_2	Simulation of scenario's	Activations of mFRR	BSP	Day I	14/11/2023
					Day II	15/11/2023
					Backup	20/11/2023
Back-up week 20/11 - 24/11/2023						
iCAROS/MARI	iCAROS/MARI_1	Reproduction of real situation	Initialization of Schedules & RD/mFRR Energy Bids	BSP SA OPA	Day I	28/11/2023
					Day II	29/11/2023
					Backup	04/12/2023
	iCAROS/MARI_2		Updates of Schedules & RD/mFRR Energy Bids	BSP SA OPA	Day I	05/12/2023
					Day II	06/12/2023
					Backup	11/12/2023
iCAROS/MARI_3	Simulation of scenario's	Combination of activations of mFRR, RD & Return-to-Schedules Requests	BSP SA	Day I	12/12/2023	
				Day II	13/12/2023	
				Day II	14/12/2023	
				Backup	18/12/2023	

Testing, organized for both the market and ELIA, involves:

- Check of data consistency between tools currently in PROD & tools in DEMO
- End-to-end testing on BSP/SA and ELIA's sides

Reminder: Sufficient successful testing is a prerequisite for the Go-Live!

Based on the new Local Go-Live date, ELIA may request additional tests: The organization & the form of those tests is under discussion at the moment and will be communicated bilaterally by the KAM Energy

In addition, ELIA is considering to re-organize large common testing to check system reliability & efficiency

Market parties' readiness

- ✓ **Additional testing approach** and planning have been defined (see here after).
- ✓ An **info session** will be organized on the 19th of February with contracted OPA/SA and BSP mFRR to:
 - Support the preparation of the go live
 - Explain the additional testing and especially the common testing
 - Kick-off completion of appendix related to cost-based formula
- ✓ A **go/no go check** will be done end of March 2024 in order to ensure the Local go live of the new mFRR bidding and iCAROS phase 1 Mid-May 2024



BUSINESS TESTING PROTOCOLS WITH MARKET PARTIES

13/02 + 22–23/02 iCAROS & MARI Ind. Test 1&2

26/02 Back-up iCAROS & MARI Ind. Test 1&2

4-8/03 Common testing week 1

End March Go/No-Go MP readiness

February

- Re-do ICAROS & MARI 1&2 tests not completed (unchanged scope)
- Re-do ICAROS & MARI 3 tests (call) not completed (unchanged scope)
- Ad-hoc request of BSP for specific activations
- Ad-hoc sessions with BSP for specific scenarios

March

- Common testing: submission of production-like data (# of units, # and structure of bids, volumes, ...) for bids, schedules, outages, ... for all MPs at the same time and continuously during two weeks.
- Common testing week 1 includes tests generally similar in scope to ICAROS & MARI 2 but spontaneous without specific scenario + scenarios like back-up processes.

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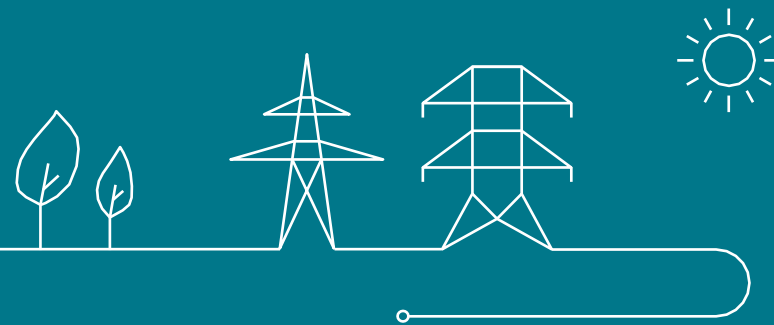
12–29/02 : ICAROS & MARI Ind. Test 3

Pre-Requisite: Success of Test 1&2 (if not already the case in 2023)

18-22/03 Common testing week 2



T&C BRP – status update



After further alignment with CREG, Elia submitted an amended version of the T&C BRP in due time. CREG’s decision is due on March 30th.



CREG's decision on the T&C BRP includes a RfA

- ✓ CREG approves article 30.2 describing the imbalance tariff calculation for the situation before the connection to Picasso and before the mFRR technical go-live
- ✗ CREG introduces a RfA (Request for Amendments) regarding the following articles:
 - Article 2.2 describing the implementation plan
 - Article 29 describing the tariff for maintaining and restoring the residual balance of individual BRPs
 - Article 30.1 introducing generalities about the rules to calculate the imbalance tariff
 - Article 30.3 describing the imbalance tariff calculation for the situation after the connection to Picasso and before the mFRR technical go-live
 - Article 30.4 describing the imbalance tariff calculation for the situation before the connection to Picasso and after the mFRR technical go-live
 - Article 30.5 describing the imbalance tariff calculation for the situation after the connection to Picasso and after the mFRR technical go-live
 - Article 30.6 describing the additional component
 - Article 30.7 describing the determination of the System Imbalance direction

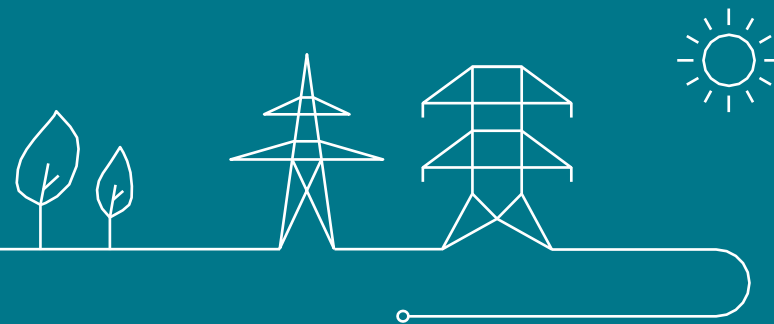
After further alignment between CREG and Elia on the two demands that Elia could not address exactly as requested, Elia submitted an amended version of the T&C BRP, as well as a note explaining the modifications, on Jan 30th. These documents are available on [ELIA website](#).

Main changes are related to article 2.2 (evaluation plan) in line with CREG’s requests in their RfA and during further alignment meetings, and with the feedback received from market parties on the evaluation plan. Contrary to CREG’s initial requests (see communication in WG BAL of Dec 18th):

- The BRP balance obligation was *not* adapted. Instead, ELIA committed to make this balance obligation *evolve in a consistent way with the (possible) future evolutions of the imbalance price formula*, in the context of the evaluation plan.
- The Imbalance Price formula was *not* adapted to comply with CREG’s interpretation of art 55 EBGL (which would have implied to remove the dead band and adapt the aFRR component to take only part of the optimization cycles into account). Instead, Elia committed to automatically make the formula evolve towards a compliant one in the context of the evaluation plan, except if no compliant formula providing safe and relevant (from a techno-economic perspective) signals can be found. In this case, Elia and CREG would collaborate to make the regulation evolve.

Reminder WG BAL 18/12 : Elia received a RfA from CREG and, consequently, had to submit an amended version of its PfA (w/o public consultation) before Jan 30th. Elia positively addressed all the demands from CREG, except two of them.

Roadmap 2024 & Incentives 2025





Consolidated High level Roadmap Go lives planning

MARI, iCAROS Phase 1 and PICASSO

- Local go live of the new mFRR bidding and iCAROS phase 1 **Mid May 2024**
- Connection to EU mFRR balancing energy platform **June 2024**
- Connection to EU aFRR balancing energy platform **October 2024**



Before update of PIM planning



Other initiatives

aFRR Design Evolutions

- Move aFRR capacity auction to D-1, RT baseline, Activation method, ind. correction model, opening LV – **October 2024**
- 5' FAT – **December 2024**

aFRR Dimensioning – October 2024

FCR Design Evolutions – End 2024

- Additional properties
- Other evolutions as Amendment of Baseline and Activation Control Methodology, Combo FCR/aFRR, Migration from BMAP to BIPLE, ..

FCR Design evolutions

All modifications require:

1. Discussions with the MPs
2. Amendments to the T&C
3. IT implementation

FCR design evolutions covers several elements:

- Additional properties (AP) (legal requirement)
 - Obligations linked to Reserve Mode
 - Addition of the Limited Energy Reservoir (LER) & Reserve Mode (RM) concept in CC
 - Activation control principles for RM
 - Obligations linked to system split
 - Communication of Alert State
 - System Split Requirement
 - Control principles in case of RM
- Continuous monitoring
 - Implementation of aligned within FCR cooperation
- Essential business improvements
 - Migration from BMAP to BIPLE
 - Consistency with other products & efficiency
 - Support on BMAP will be removed (critical tool)
 - Migration of RT communication from EMS towards RTCP/Flexhub at least for DPpg
 - Further facilitate LV participation to FCR
 - Amendment of Baseline and Activation Control Methodology
 - Alignment with aFRR baseline
 - Metering requirement for non-prequalified DP

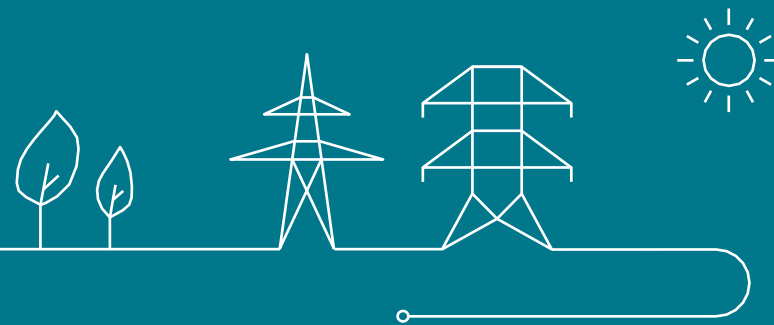


Balancing Incentives

- ELIA is initiating the identification of incentives for 2025.
- Major milestones will follow the regulation. In particular, Elia will submit its proposal at the latest on 15th of May 2024
- Any idea may be shared before Friday 23rd of February towards the KAM Energy

Note : Presentation on the final report for DFD will be done in the next WG BAL

Coming stakeholder management interactions



Coming stakeholder management interactions



- Next interactions
 - Regular follow-up of implementation plans
 - Workshops / information sessions:
 - 19/02/24 - Info session with contracted OPA/SA and BSP mFRR to:
 - Support the preparation of the go live
 - Explain the additional testing and especially the common testing
 - Kick-off completion of appendix related to cost-based formula
 - 29/02/24 - Workshop elastic demand (see here after)
 - 20/03/24 - Info sessions on MARI/PICASSO/iCAROS
 - Calculation of the Imbalance price (to be further confirmed)
 - Impacts of MARI, iCAROS and PICASSO on the publications on ENTSOE Transparency Platform, Open Data & elia.be
 - 'Joint' digital session with WG CCMD/BG/BAL to present the multi-year roadmap
- Go live period mid of May 2024 to be anticipated in terms of organization



Contact persons



KAM Energy

Amandine Leroux / Arno Motté / Nicolas Koelman / Sybille Mettens

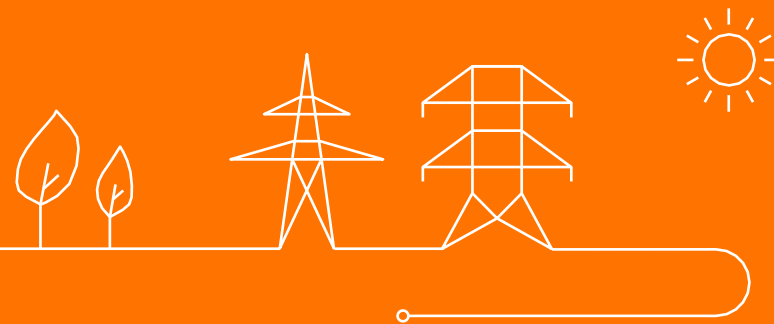
Implementation ad hoc sessions (on request)

- Q&A sessions dedicated to design and implementation questions
- IT questions & Live debugging sessions with ELIA IT-team



aFRR Evolutions and Connection to PICASSO

Kris Poncelet



Reminder WG BAL 23/11/2023

- Elia and the CREG are aligned on the implementation of a **price cap on Contracted aFRR Energy Bids**, in **combination with the introduction of elastic demand**.
- Elia and CREG intend to **condition the connection to the aFRR Platform to the implementation of elastic demand**
- Considering the regulatory track, the earliest possible **local implementation of aFRR elastic demand** is estimated to be **10/2024**.
- Assuming the best case, but realistic, scenario, the **connection to the aFRR Platform** could be planned **beginning of 10/2024**
- **Planned go-live of other aFRR evolutions (except 5' FAT)** is shifted accordingly to **10/2024**.

Design evolution	Implementation impact for the BSPs	Planning
Connection to aFRR-Platform	Mandatory – impact on prices and activation frequencies	beginning of 10/2024
5' FAT (Full Activation Time)	Mandatory – possible impact on offered volumes	12/2024
Move aFRR capacity auction to D-1	Mandatory – operational impact	10/2024
Incentive 2021: RT baseline	Optional implementation	10/2024
Incentive 2022: activation method	Optional implementation	10/2024
CCMD: ind. correction model, opening LV	Optional implementation	10/2024

Objective today

- Provide an **update of the progress related to the European mitigation measures** (incl. elastic demand)
- Provide an **overview of the planning and upcoming stakeholder interactions**

The implementation of elastic demand and other European mitigation measures is evolving in a positive way and according to envisioned planning

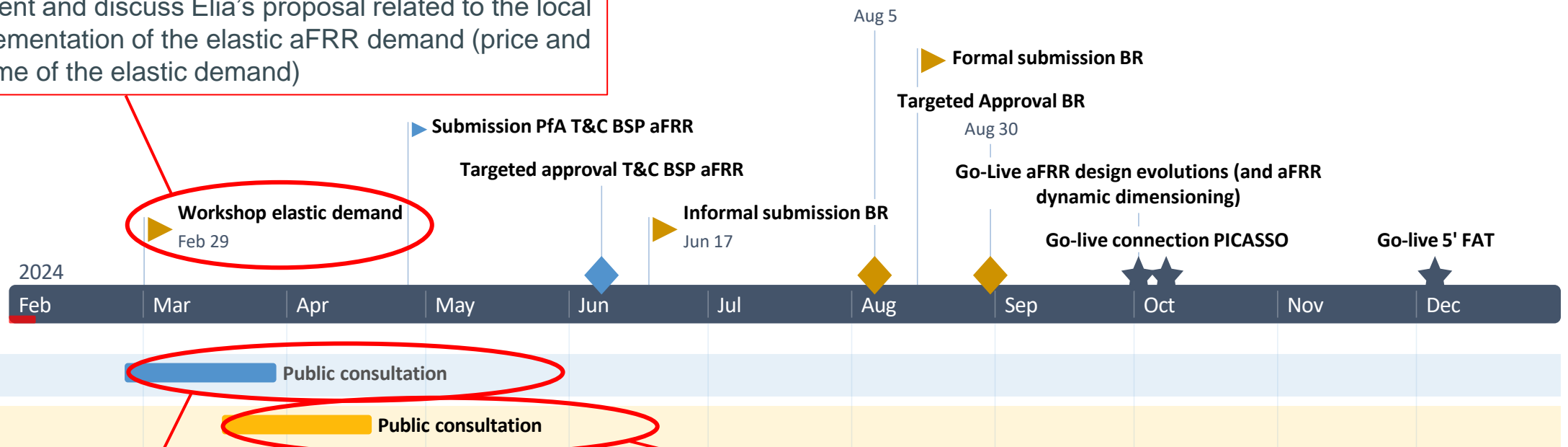
- [All TSOs Proposal for Amendments of the aFRR IF and the Pricing methodology](#) contained the following amendments
 - **Elastic demand:** allow each TSO to define aFRR demands beyond the dimensioned volume as being price-elastic (i.e., only to be satisfied below a certain price threshold)
 - **CBMP calculation:** Determine the CBMP considering the bids selected by the AOF and the bids that would be effectively considered for activation locally on the basis of the LFC output. This in order to avoid situations where the CBMP is set by bids that are selected by the AOF for a period that is too short to result in an activation request of that bid from the TSO.
 - **Price caps:** Lower the temporary price cap to +/-10k€/MWh and introduce a permanent price cap of +/-15k€/MWh
- The amendment proposals have been publicly consulted between 12/10/2024 and 12/12/2024, where the feedback on elastic demand and the alternative CBMP calculation tended to be positive, while there was more opposition from stakeholders related to the price caps.
- Constructive and positive discussions have taken place with ACER and NRAs on the amendment proposals.
- The Proposal for Amendment of the aFRR IF and the Pricing Methodology (following amendments based on the feedback from the public consultation) has been submitted to ACER on 2/2/2024.
- ACER decision on the submitted proposals expected at the latest on 2/8/2024.
- In //, the necessary implementations are being initiated.

Planning and upcoming stakeholder interactions

ACER Decision Elastic Demand (expected)

Present and discuss Elia's proposal related to the local implementation of the elastic aFRR demand (price and volume of the elastic demand)

Workshop elastic demand
Feb 29

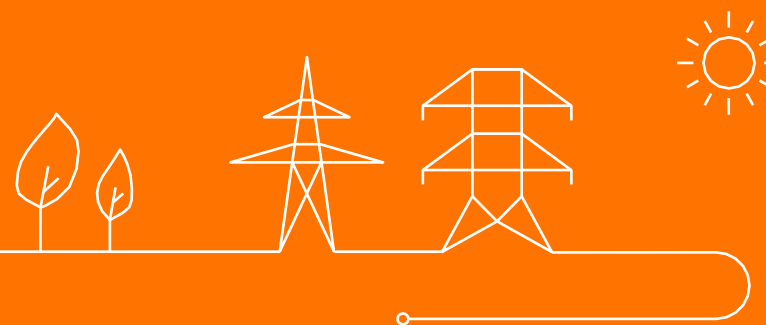


- Amendments relative to the connection to PICASSO (paid-as-cleared remuneration; price cap on contracted energy bids only)
- Amendments relative to the aFRR design evolutions
- All amendments have been discussed in the dedicated workshops of [19/9/2023](#) and [12/10/2023](#)

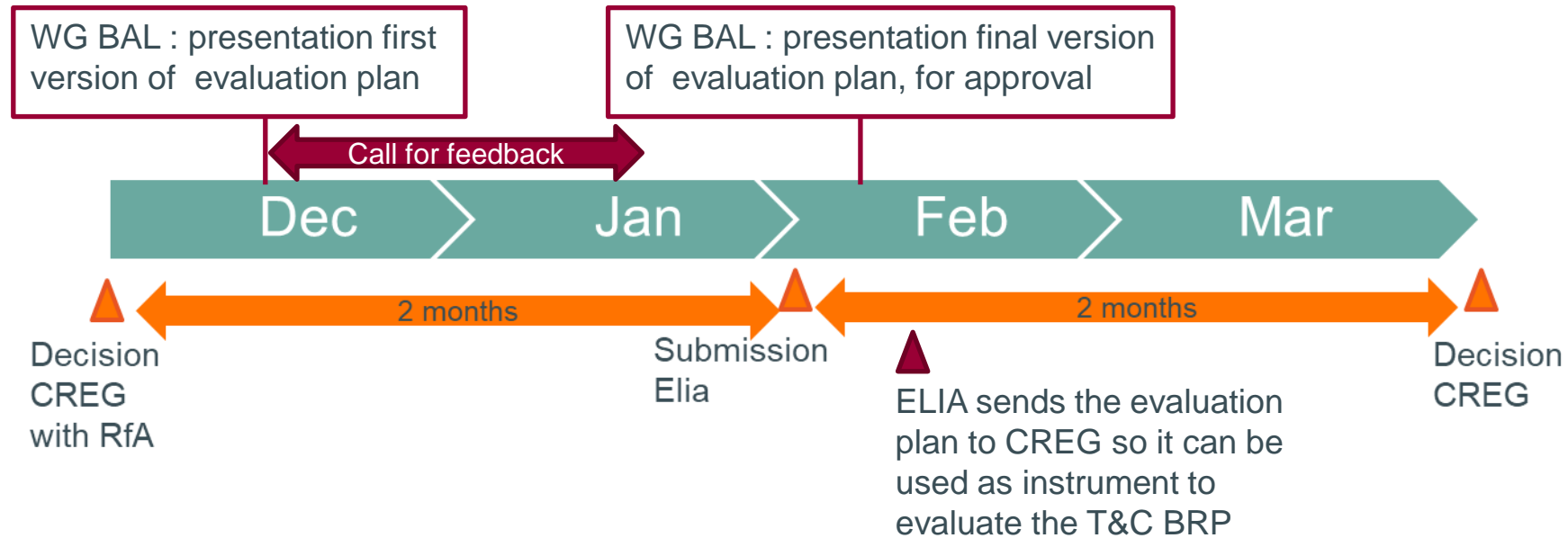
- Amendments relative to the connection to PICASSO (selection and activation of aFRR energy bids)
- Amendments relative to the (local) implementation of elastic demand

Evaluation plan for the calculation rules of the imbalance price

Caroline Bosschaerts



Context



- ELIA received feedback from FEBEG and FEBELIEC on its proposal for the evaluation of the calculation rules of the imbalance tariff.
- In parallel, alignment meetings took place between ELIA and CREG and ELIA received additional comments/requests from CREG on the evaluation plan.
- ➔ ELIA took the feedback received from CREG and the market parties into account to build its final proposal for this evaluation plan. For the sake of clarity, the slides presented during the last WG BAL were also translated into a self-supporting text document shared by email on Feb 1

Feedback received from the market

General feedback

	Comment	Elia's answer
FEBEG	FEBEG appreciates the development and presentation of the evaluation plan, and considers that it replies to the conditions as set forward by FEBEG.	ELIA thanks FEBEG for the positive feedback
FEBELIEC	FEBELIEC is convinced that is of the utmost importance to have an evaluation plan, similarly to what was put in place in the context of the relaxation of the DA balance obligation of the BRPs. As regards the exact format of this evaluation plan, FEBELIEC is open to discussion.	ELIA thanks FEBELIEC for its feedback and shares FEBELIEC's opinion that it is important to have a sound and safe evaluation plan in place.



Guiding principles

	Comment	Elia's answer
FEBEG	FEBEG is of the opinion that Elia should commit to – after the evaluation – remove both the dead band and cap/floor or at least to move towards a relaxation	ELIA cannot firmly commit to remove these elements because this would mean that it already draws conclusions from the evaluation plan. ELIA however commits to remove the cap/floor and dead band if such relaxation does not jeopardize grid security and is not detrimental to other objectives of the EBGL.



Evaluation procedure

	Comment	Elia's answer
FEBELIEC	It should be possible to extend the observation period if, after analysis, we conclude that additional observations are needed before making the imbalance price formula evolve	Explicitly foreseen as a possible outcome of the evaluation plan, which could conclude on a recommendation to maintain the formula unchanged and extend the observation period
FEBELIEC	If the relaxation of some elements is recommended, the relaxation plan should foresee the possibility to quickly revert back to a previous situation at any moment if grid security, stability or efficiency is jeopardized (such as it was done in the relaxation plan of the DA balance obligation)	Already announced in the detailed evaluation plan, and will be formalized in article 2 (implementation plan) of the T&C BRP if a relaxation of some elements is recommended
FEBEG	Given the importance of the discussions and the uncertain nature of what the best imbalance price formula is, we believe that intermediate reports (e.g. every 3 months) should be presented to the market	ELIA commits to share some key statistical indicators on a quarterly basis, allowing market parties to understand the impact of the assessed elements on the imbalance price and to follow the evolution of this impact



Evaluation methodology

	Comment	Elia's answer
FEBELIEC	In the 'scenario analysis', a focus should be made on specific quarter-hours for which the remaining cross-border transmission capacity was suddenly fully used by the European balancing platforms following an important demand	The methodology described in the detailed evaluation plan to select the quarter-hours on which the 'scenario analysis' will zoom covers these cases.
FEBELIEC	The extreme cases should be analyzed with 'scenario analysis'. For these cases, we should carefully evaluate what would have happened in case the cap/floor/dead band were removed.	The methodology described in the detailed evaluation plan to select the quarter-hours on which the 'scenario analysis' will zoom covers these cases.
FEBELIEC	In the 'scenario analysis', we should take into account the residual transmission capacity available on all the borders : our ATCs could be important but only towards countries which don't have important demands (in the opposite direction as ours). In this case, important ATCs won't help avoid congestions	For the specific (extreme) quarter-hours on which the 'scenario analysis' will focus, it is indeed the objective to only consider the ATCs that are helpful to export/import the positive/negative imbalance that BRPs would have created on purpose as a reaction to the price signal (f.i. w/o cap and floor).



	Comment	Elia's answer
FEBELIEC	In the 'statistical analysis', ELIA should add a table indicating for which proportions of the time the application of the cap (resp. floor) and dead band had a limited, median or important impact on the imbalance price	ELIA believes this is covered by indicating the average, min, max, std deviation and several percentiles of the imbalance price spreads caused by the application of the cap (resp. floor) and dead band.
FEBEG	Slide 35 refers to the BRP costs assessment. Can Elia confirm this cost will be computed using the formula: Sum per QH(i) of System Imbalance QH(i) x Imbalance Price QH(i)?"	Yes, ELIA confirms and clarified this in the detailed evaluation plan.
FEBEG	We believe that the table of slide 35 (<i>i.e. the table analyzing the balancing costs</i>) should also include the 'balancing margin' associated with each formula	ELIA included the balancing margin in its final proposal.
FEBEG	FEBEG welcomes the 'What if analysis' regarding the BRP reaction [...] the most important point for FEBEG members is to allow "A finer assessment of the impact of each formula on the balancing margin/BRP costs" [...] We believe that the results should be presented in the same way as the table of slide 35. See a proposal in ANNEX.	ELIA agrees to use the proposed table.

	Comment	Elia's answer
FEPEG	Can Elia confirm that all alternative formulas tested will include all aFRR optimization cycles?	It was indeed ELIA's initial intention to focus its evaluation plan on the "safeguards" that Elia had introduced in its proposal and that have been controversial (i.e. cap/floor/dead band/ alpha), and hence to only test formulas that include all aFRR optimization cycles. However, in its RfA, CREG requested ELIA to submit a proposal for the imbalance price formula that strictly complies with CREG's interpretation of the Boundary Conditions of art. 55 EBGL, meaning that only parts of the optimization cycles can be used. After alignment with CREG, ELIA did not submit such a formula, but committed to evaluate the possibility to evolve towards such a formula in the context of its evaluation plan (see further). ELIA will therefore test alternative formulas that do not include all aFRR optimization cycles
FEPEG	FEPEG wants to have transparency and readability on how the models get to those different 'adapted SI'. Hence, they should not be a black box for the market."	ELIA confirms its intention to provide transparency about these models (subject to confidentiality issues).



	Comment	Elia's answer
FEPEG	FEPEG believes the most important KPI is the balancing cost for all BRPs and the balancing margin that will be paid by the grid users. No distinction should be made per type of BRP.”	ELIA believes that, according to art 3.1(g) EBGL, it should ensure that its imbalance price proposal does not create undue entry barriers for renewables. Since renewables often contribute to the system imbalance, they could regularly be exposed to extreme imbalance prices even when the BE BRPs, in an aggregated way, correctly did their job to balance the BE zone. In this situation, an extreme imbalance price is a mere penalty which can be experienced as an entry barrier by RES
FEPEG	FEPEG asks that Elia proposes ex ante clear and transparent criteria based on which Elia would convincingly demonstrate that the removal or relaxation of the dead band and cap/floor is not possible.”	ELIA detailed the criteria and indicators to be used to evaluate each one of the assessed elements in its final proposal.



Evaluation recommendation

	Comment	Elia's answer
FEBELIEC	Before making a recommendation, ELIA should perform sensitivity analysis based on the evolution of the implicit reaction expected in the future.	It is indeed foreseen in the detailed evaluation plan to foresee these analysis.
FEBELIEC	During the observation period, the experience feedback from the other countries connected to the platforms should also be considered (in so far relevant for Belgium). We should exchange on the exceptional cases that foreign countries experienced (in so far relevant for Belgium).	ELIA agrees but warns that most of the countries already connected to the platforms have other balancing models and other imbalance price formulas (taking only the optimization cycles for which the platforms activate bids in the direction that help cover their SI), so that the risks analyzed in the context of this evaluation plan should be much less present than in Belgium.



**Additional changes made after
alignment with CREG**

Evaluation procedure



- Phases 3 and 4 are no longer conditional : a revision of the T&C BRP will be proposed whatever the recommendation of phase 2, even if this recommendation consists in maintaining the formula unchanged and extend the observation period (in this case, art.2 of the T&C BRP will be the only one impacted by the proposal of amendment)
- ELIA clarified that phase 2 will last max. 4 months
- ELIA clarified that phase 3 will last max. 19 weeks (except if otherwise decided by a common agreement between CREG and ELIA)
- When adapting the T&C BRP to implement the recommendation, ELIA commits to make the BRP balance obligation (i.e. article 16 of the T&C BRP) evolve so that it remains consistent with the financial incentives to which BRP are exposed through the imbalance price (i.e. article 30 of the T&C BRP)



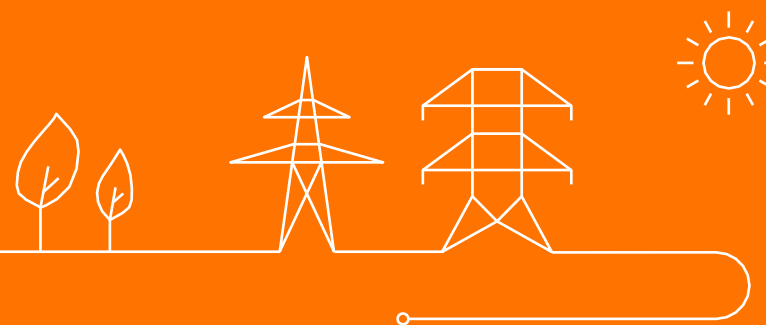
Evaluation recommendation

- ELIA commits to formulate a recommendation to evolve towards a formula that strictly complies with CREG's interpretation of the boundary conditions described in EBGL art.55, except if such a formula jeopardizes grid security and/or if it is not relevant from a techno-economic perspective. In this case, Elia commits to collaborate with CREG to make the European regulation evolve.
- To assess whether the risks created by an alternative price formula are deemed acceptable, a concept of "reference period" was introduced. The reference period is a timeframe before the connection to the EU balancing platform, where the situation (a.o. in terms of grid security) was deemed acceptable by everyone. In practice, ELIA suggested to use the full year 2023 as reference period. If the risks estimated for the use of an alternative imbalance price formula are not higher than the actual observations made during the observation period, then these risks can be deemed acceptable.

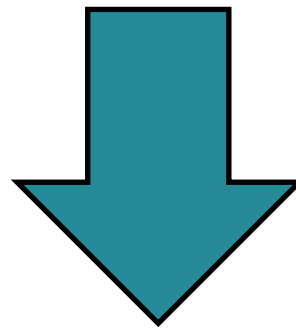


2024 CREG Incentive – Improve data offering by Elia

Valentina Annoscia



CREG Incentive: AMÉLIORATION DE LA MISE À DISPOSITION DE DONNÉES PAR ELIA



Improve the data offering of Elia towards the market actors by **building a common roadmap** so that your current and future data needs are fulfilled so that you can **unlock flexibility in the system.**



All markets participants (GU, ACH, BRP, PROD, BSP, etc..)!



User research through **questionnaire** and **interview** to build the roadmap plus a **first implementation this year.**



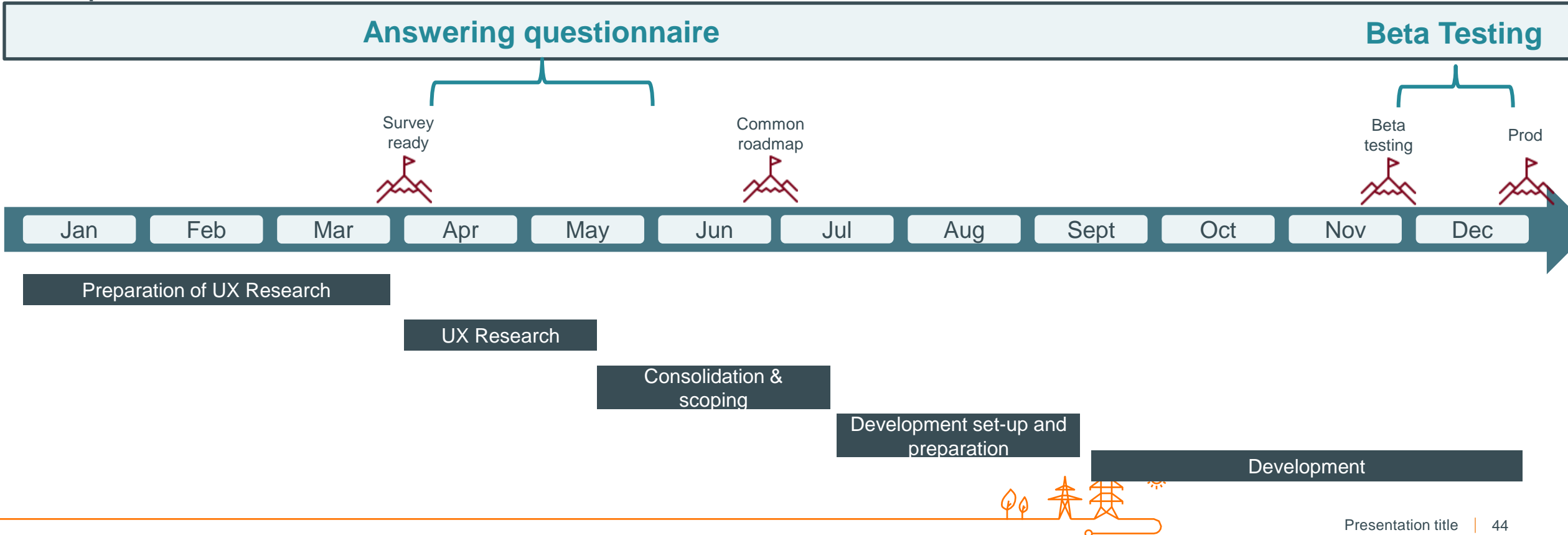
Scope of the user research

Metering data, structural data, contractual data, grid data, etc exposed by Elia through a machine-to-machine communication or human interface



What do we expect from you and when?

Your Input



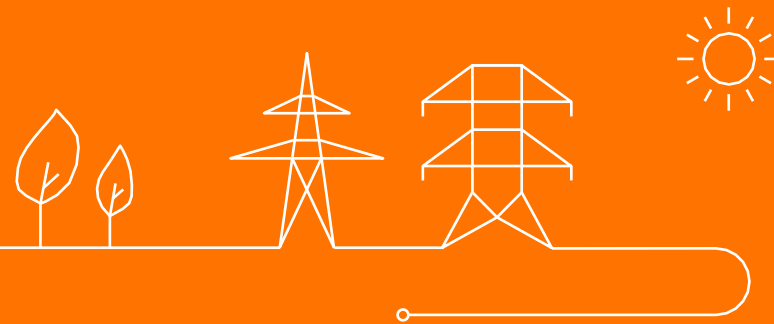
More questions or information?

- Your Key Account manager
- Or michiel.verbeeck@elia.be & valentina.annoscia@elia.be



2024 CREG Incentive – BRP Settlement

Christopher Seghers



Objective & Scope

- What?

=> Analyze the possibility of settling faster the BRPs and review the impact on guarantees.

=> Propose reviewed settlement, invoicing terms and guarantees

- What and Why?

1. Decrease the financial exposure for Elia and thus for society

e.g. : Invoice for DEC-23 issued end of FEB-24 and to be paid by end of MAR-24 (4 months exposure)

2. Enable BRPs to have a view on their imbalance earlier to facilitate financial risk management and settlement

3. Analyze the requirements for financial guarantees to be issued by BRPs (based on historical data and provide recommendations

=> Facilitate the access to the market for new BRPs, increase data availability for BRPs & increase the competition between BRPs.

- How?

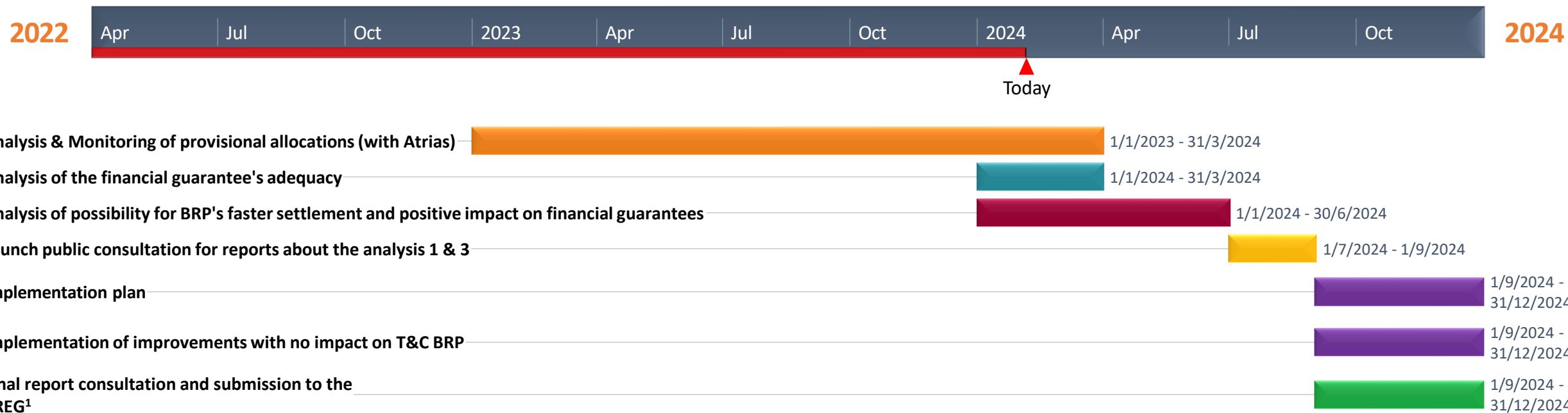
Main issue : Late timing of receipt of the monthly validated allocations from DSOs (M+30 WD).

=> Consider using the provisional allocations received from DSOs (via ATRIAS) between M+5 CD and M+10 WD to issue provisional invoices.

=> For the BRPs not having DSO allocations, consider settling earlier based on (unvalidated) data within the month M

=> Issue earlier regularisation invoices

Deliverables & Timeline



¹ It doesn't necessarily imply a formal consultation of the T&C BRP. This is to make sure that we do not prevent (if needed) other modifications that are not related to this incentive from being made. The first modification of the T&C BRP will take place during the first revision of the T&C BRP that will take place in 2024 or 2025.

Details for Deliverables 1 & 2

✓ Deliverable 1 - Analysis & monitoring of provisional allocations (with Atrias)

→ Analyze & monitor the quality of the provisional allocations

Compare the allocations (MWh) and the invoices (€) that would be issued at the following timings for month M:

1. M + 5 CD : non final provisional allocations;
2. M + 10 WD : final provisional allocations;
3. M + 30 WD : monthly validated allocations.

→ Consider the different options to improve the quality of the provisional allocations (with ATRIAS);

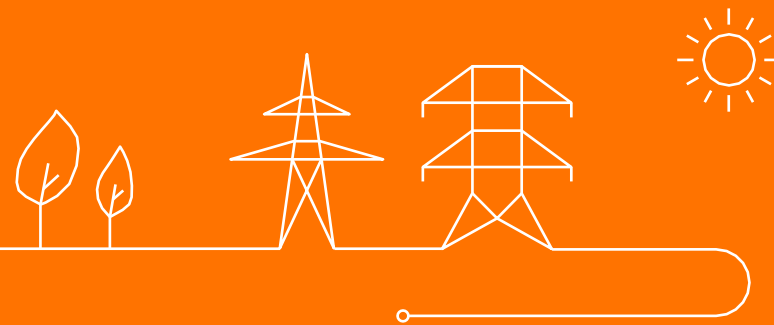
→ Put in place an internal platform to monitor the messages exchanged with ATRIAS.

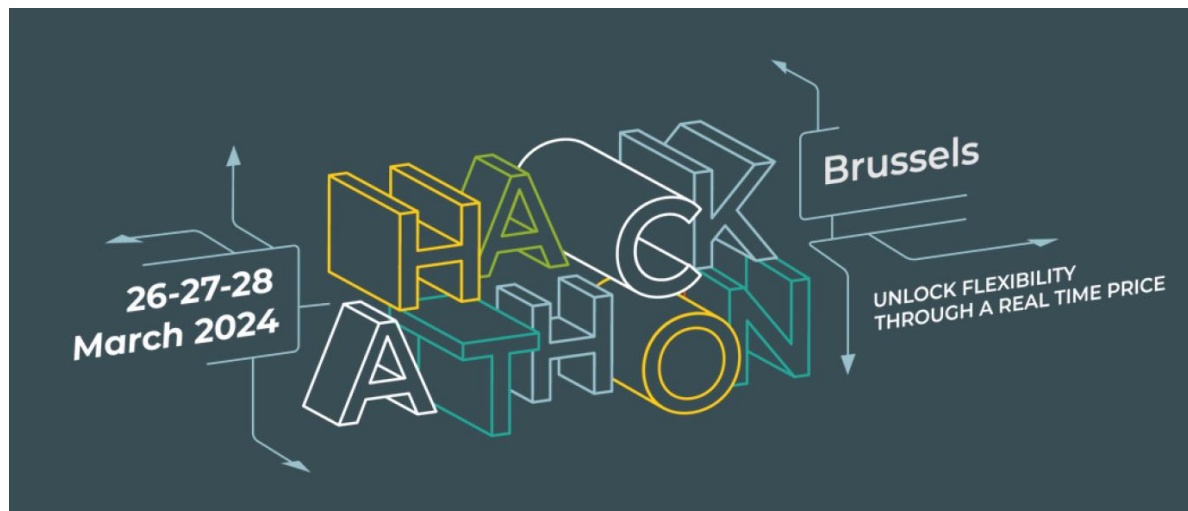
✓ Deliverable 2 - Analysis of the financial guarantee's adequacy

→ Analyze of the historical financial guarantees issued by BRPs (3 years) and determine whether the amounts were too low or too high compared to the financial risks.

AOB – Next WG Balancing

Thomas Van der Vorst





When: 3 Days March 26th -27th -28th 2024

Where: Brussels - Quartier Papier (Zaventem)

The Mission: Discover the impact of optimized asset steering with **real-time and day-ahead prices**.

Build a prototype for a tool for households, industries, or your creative use case. Focus on grid stability and energy bill impact.

2 Challenges:

- *Challenge 1:* Develop a product to optimize flexible assets in households or office buildings
- *Challenge 2:* Bring your own use case



Next WG Balancing

- **Dates for 2024:**
 - WG Balancing 07/02/2024 09:00 – 13:00
 - WG Balancing 27/03/2024 09:00 – 13:00
 - WG Balancing 21/05/2024 09:00 – 13:00
 - WG Balancing 28/06/2024 13:30 – 17:30
 - WG Balancing 30/09/2024 14:00 – 18:00
 - WG Balancing 22/11/2024 13:30 – 17:30
 - WG Balancing 19/12/2024 14:00 – 18:00

