Users' Group

Working group Belgian Grid

December 13th 2024

Agenda

1. Conformiteit – follow up previous WGBG – Q&A
2. Digitalisatie Netgebruikers - roadmap
3. GUFlex - roadmap
4. Bankwaarborg – 2025
5. Hosting Capacity Map
6. Fully Charged for change – energieGRIP / Plan de Puissance
7. Aansprakelijkheidsclausules
8. Aansluitingscontract - aanpassingen na feedback regulatoren + planning
9. Toegangscontract – resultaten consultative en volgende stappen
10. AOB
    1. WGBG dates 2025 & invitation format

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1 Conformity Process

2 Q&A

Olivier Bronckart

Questions?

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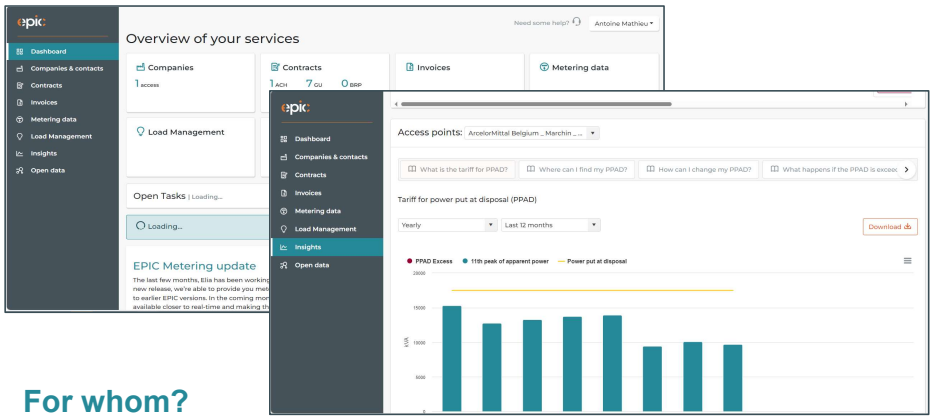
Roadmap digitalization Grid Users

Manuel Aparicio

2-Portals

Through a reduced number of portals we wish to provide a better customer journey (satisfaction) and more efficient approach

epic



For whom?

HUMANS: Elia Group stakeholders

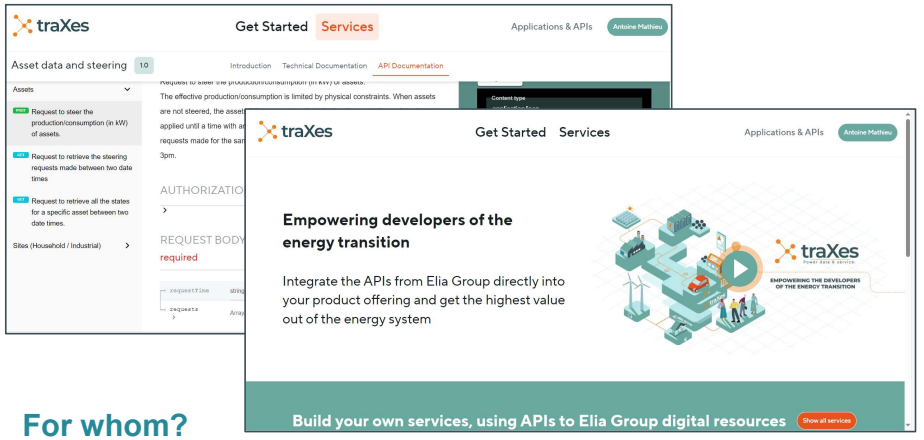
What?

One-stop shop Customer Portal

Why?

Digitalize our services towards our key stakeholders, catching up and ensuring satisfaction

traXes



For whom?

APPLICATIONS: Front-runners willing to integrate their systems with Elia's

What?

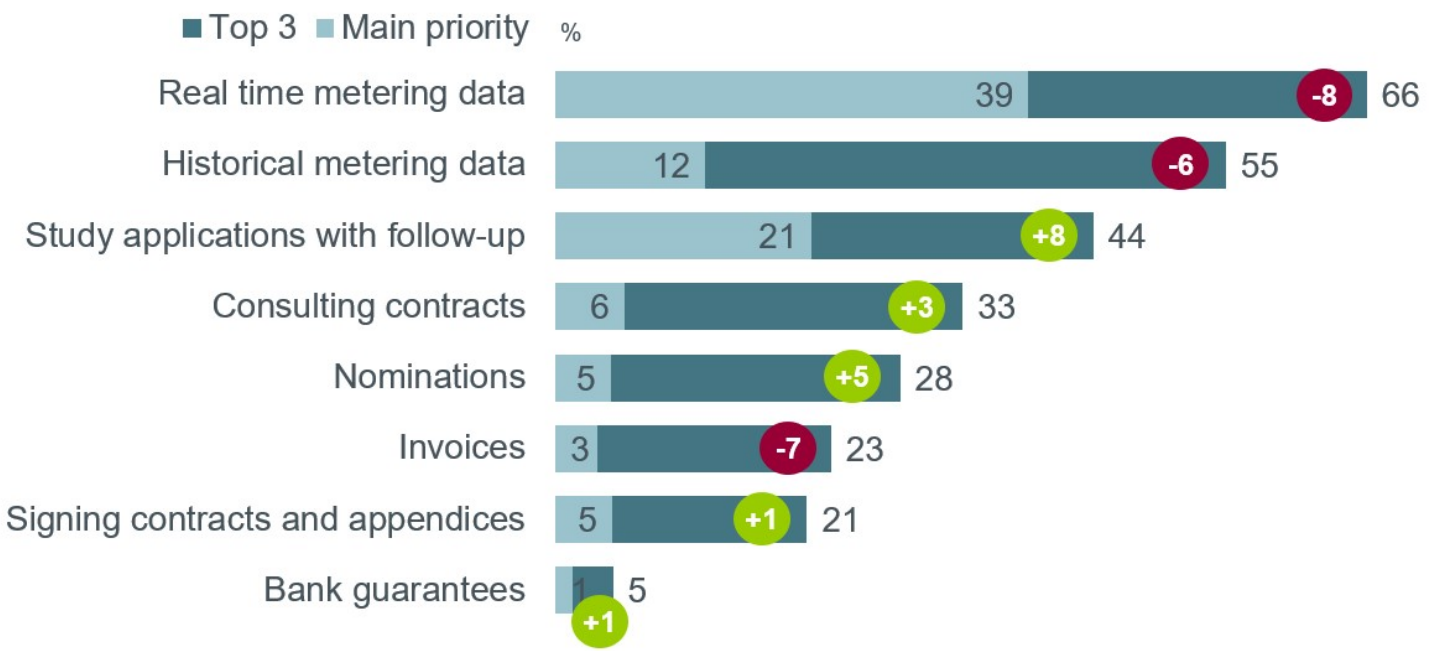
One-stop shop API Portal

Why?

Provide business accelerators to increase energy services offering and unlocking additional flexibility

Customer Satisfaction Survey 2024
Digitalisation – priorities - TOTAL

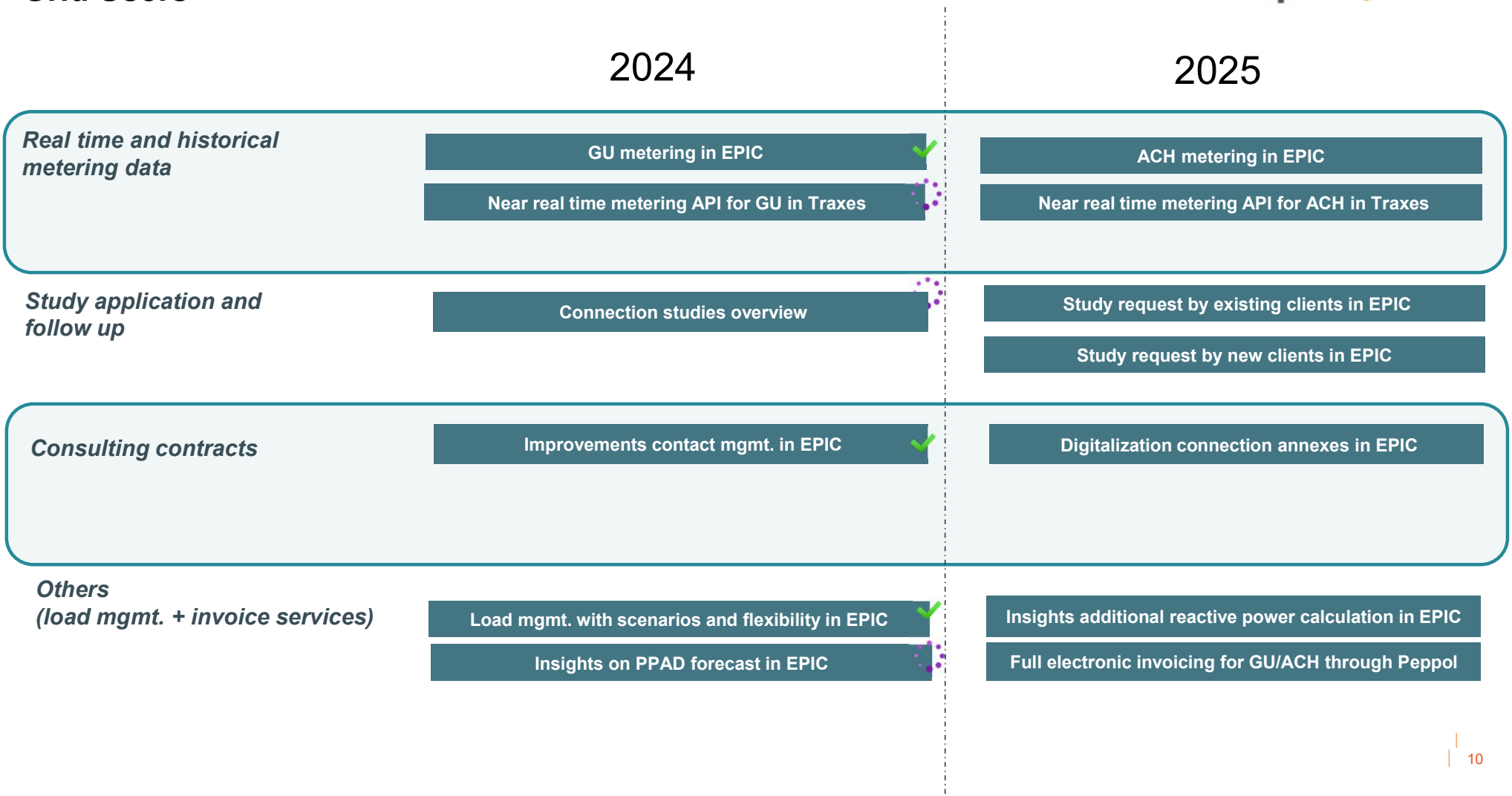
The key priority for digitalisation remains metering data, both real time & historical data. Study applications with follow up became more important compared to 2022.

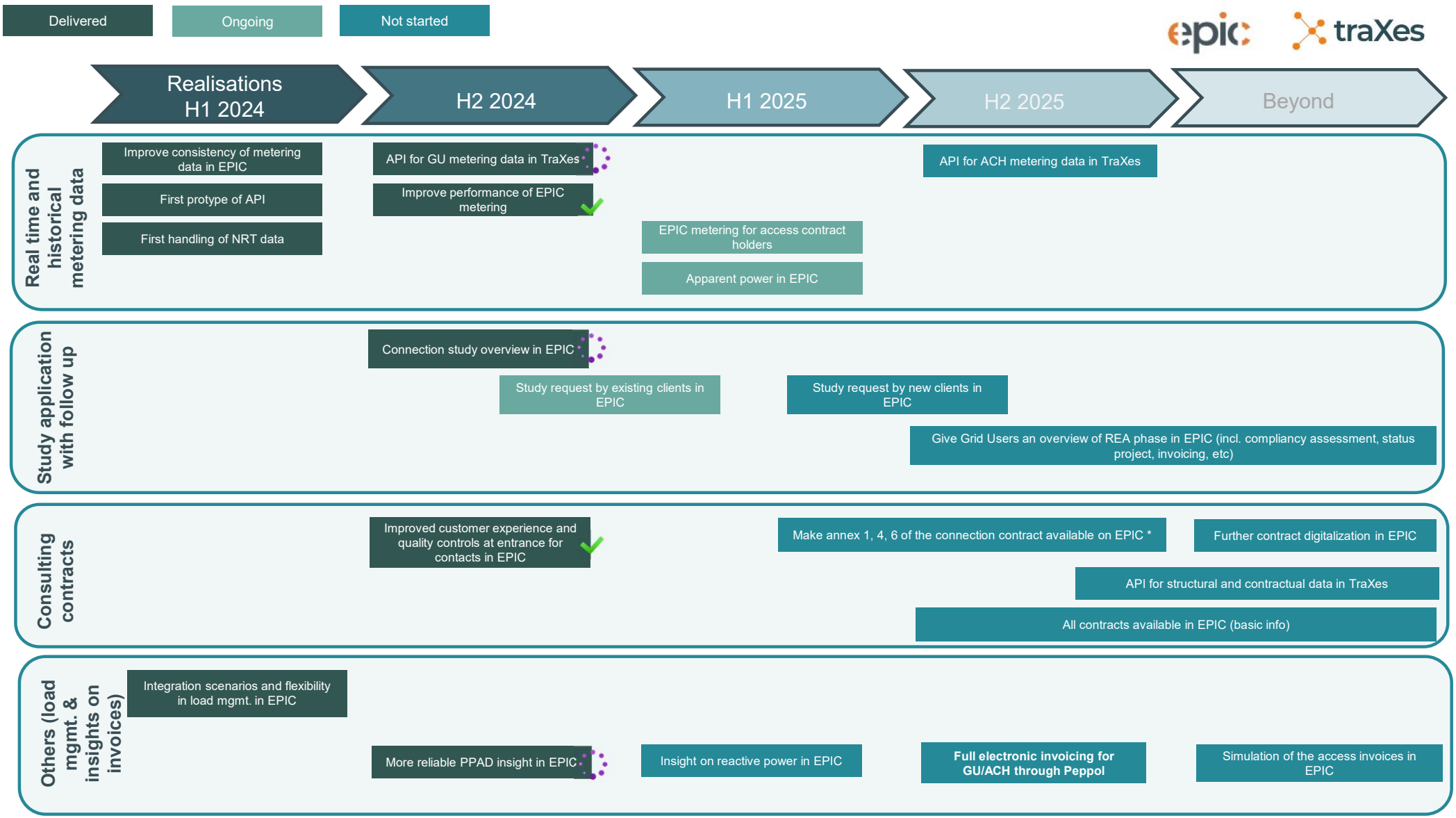


Q3.13
Base: Total (n=233)
What do you think Elia should prioritize when digitizing processes and information?

+ = - **compared to 2022**

Roadmap digitalization Grid Users




Delivered
Ongoing
Not started
epic
traXes
Realisations H1 2024
H2 2024
H1 2025
H2 2025
Beyond
Real time and historical metering data
Improve consistency of metering data in EPIC
First protype of API
First handling of NRT data
API for GU metering data in TraXes
Improve performance of EPIC metering
EPIC metering for access contract holders
Apparent power in EPIC
API for ACH metering data in TraXes
Study application with follow up
Connection study overview in EPIC
Study request by existing clients in EPIC
Study request by new clients in EPIC
Give Grid Users an overview of REA phase in EPIC (incl. compliancy assessment, status project, invoicing, etc)
Consulting contracts
Improved customer experience and quality controls at entrance for contacts in EPIC
Make annex 1, 4, 6 of the connection contract available on EPIC *
Further contract digitalization in EPIC
API for structural and contractual data in TraXes
All contracts available in EPIC (basic info)
Others (load mgmt. & insights on invoices)
Integration scenarios and flexibility in load mgmt. in EPIC
More reliable PPAD insight in EPIC
Insight on reactive power in EPIC
Full electronic invoicing for GU/ACH through Peppol
Simulation of the access invoices in EPIC

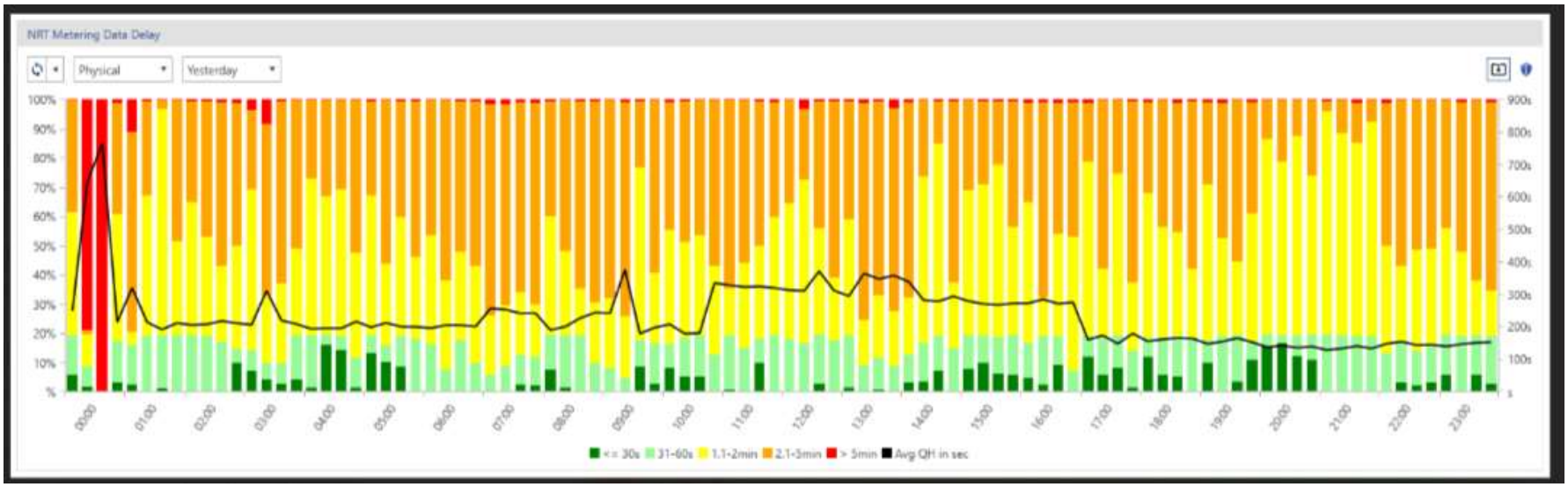
Demos & mockups

- Real time and historical metering data
  - Enabling near real time metering data
  - Metering API for Grid Users in TraXes
  - ACH metering in EPIC
- Study application with follow up
  - Connection study overview in EPIC
  - Existing clients study request in EPIC
- Others (load mgmt. + insights invoices)
  - Load Management in EPIC
  - Insights on PPAD forecast in EPIC
- Watts.happening

Real time and historical metering data

Roadmap digitalization Grid Users

Enable near real-time metering data



- ✓ Changes in the backend to enable near real-time metering data
- ✓ Near real time metering data available with a delay of less than 5min 99% of the time

Metering API for Grid Users

traXes

What is it and for who?

The metering API is available to all Elia Grid Users who have a signed connection contract and allows them to request metering data of their own access points and underlying metering points.

- For historical data, but also up to near real-time
- Different data granularities possible (Qh,, hourly daily, monthly)
- For the different measured properties

What value does it bring for the grid user?

- Allow easier integration of metering data in the workflows of the grid user.
- Secure data communication towards the grid user
- Increase maintainability of the grid user application landscape by using standardized technologies.

Co-created and tested with 3 grid users!

Live as of the week of 16/12/2024

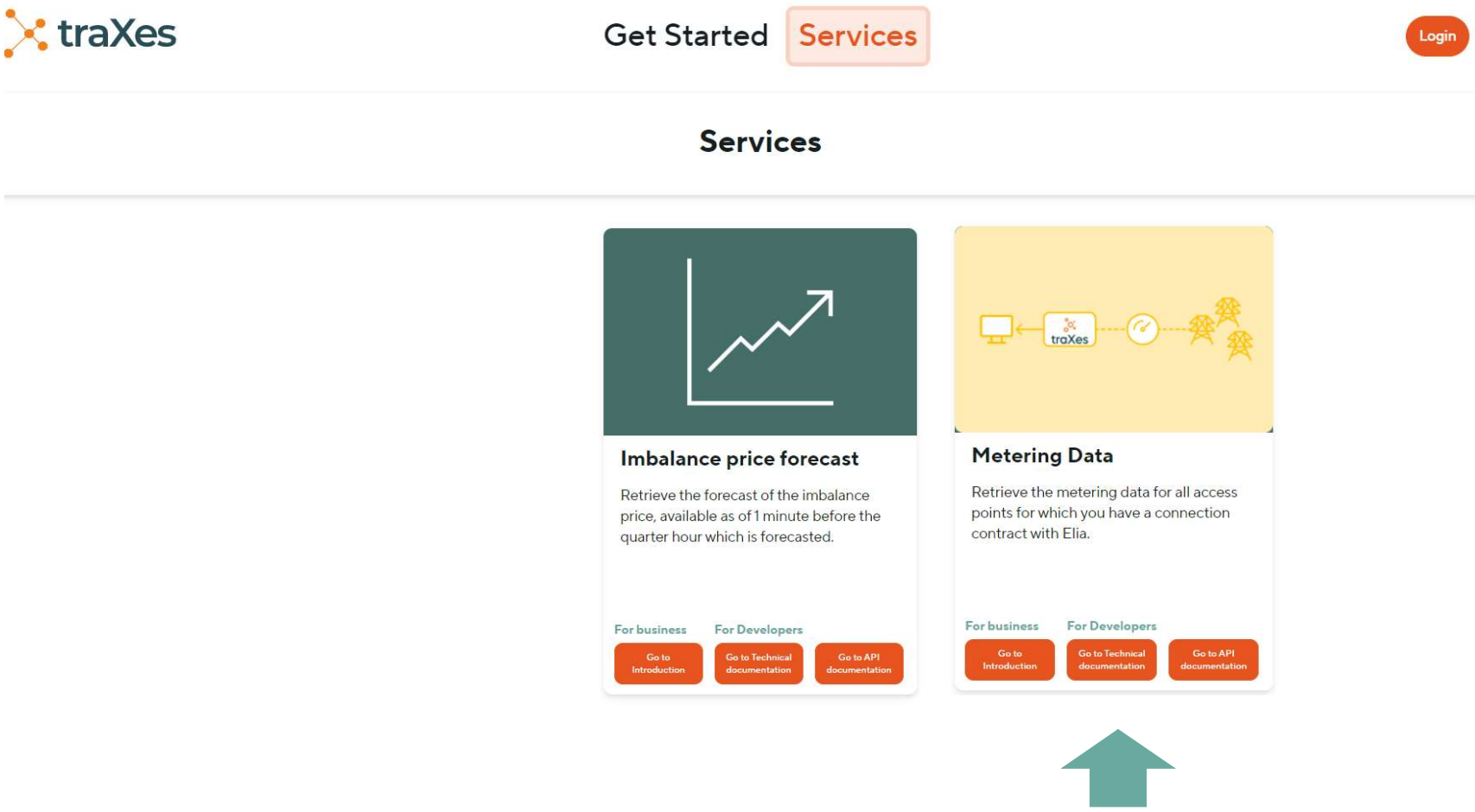
Next step is to expand solution to other stakeholders

Are you interested or do you want more information: visit https://www.traxes.io/ or contact us metering.services@elia.be

Metering API for Grid Users

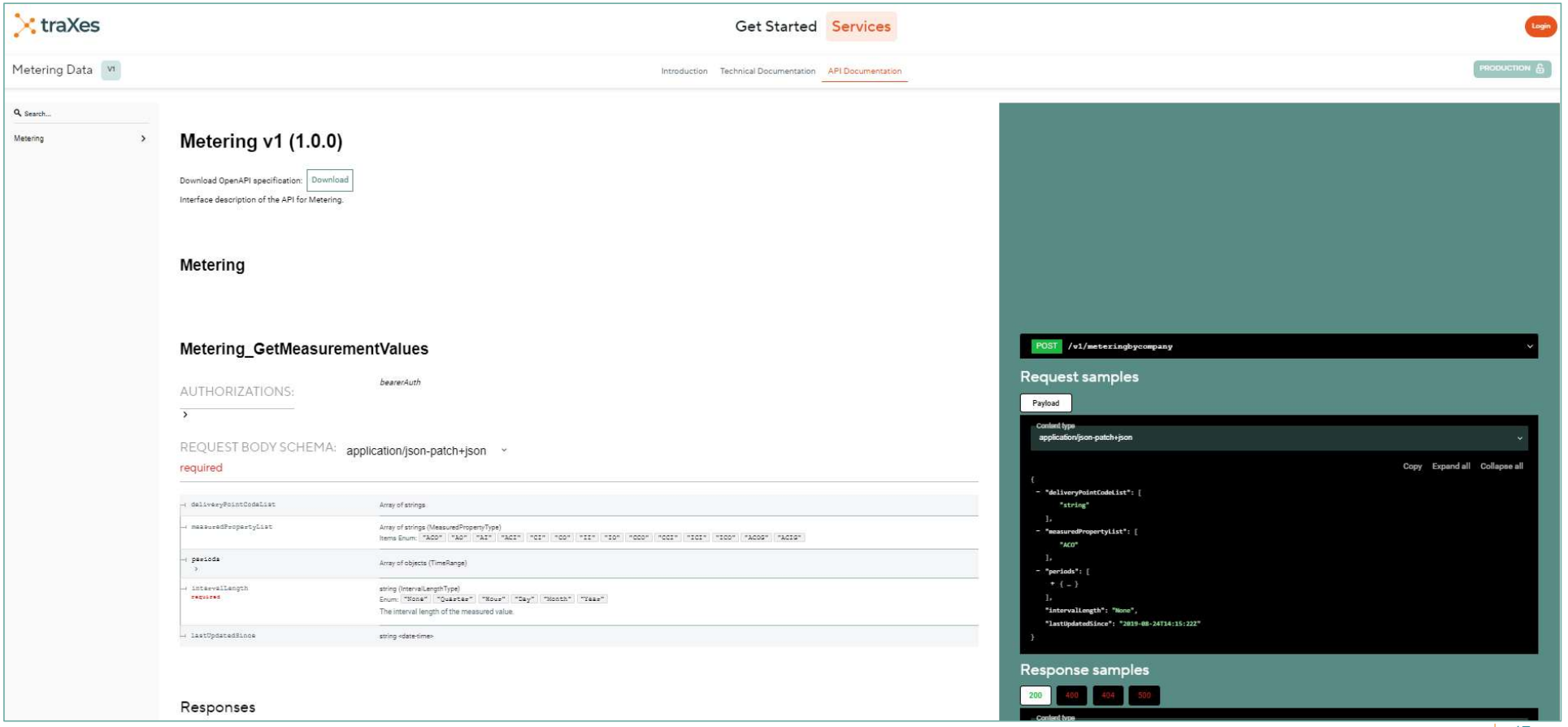
Live as of the week of 16/12/2024

traXes



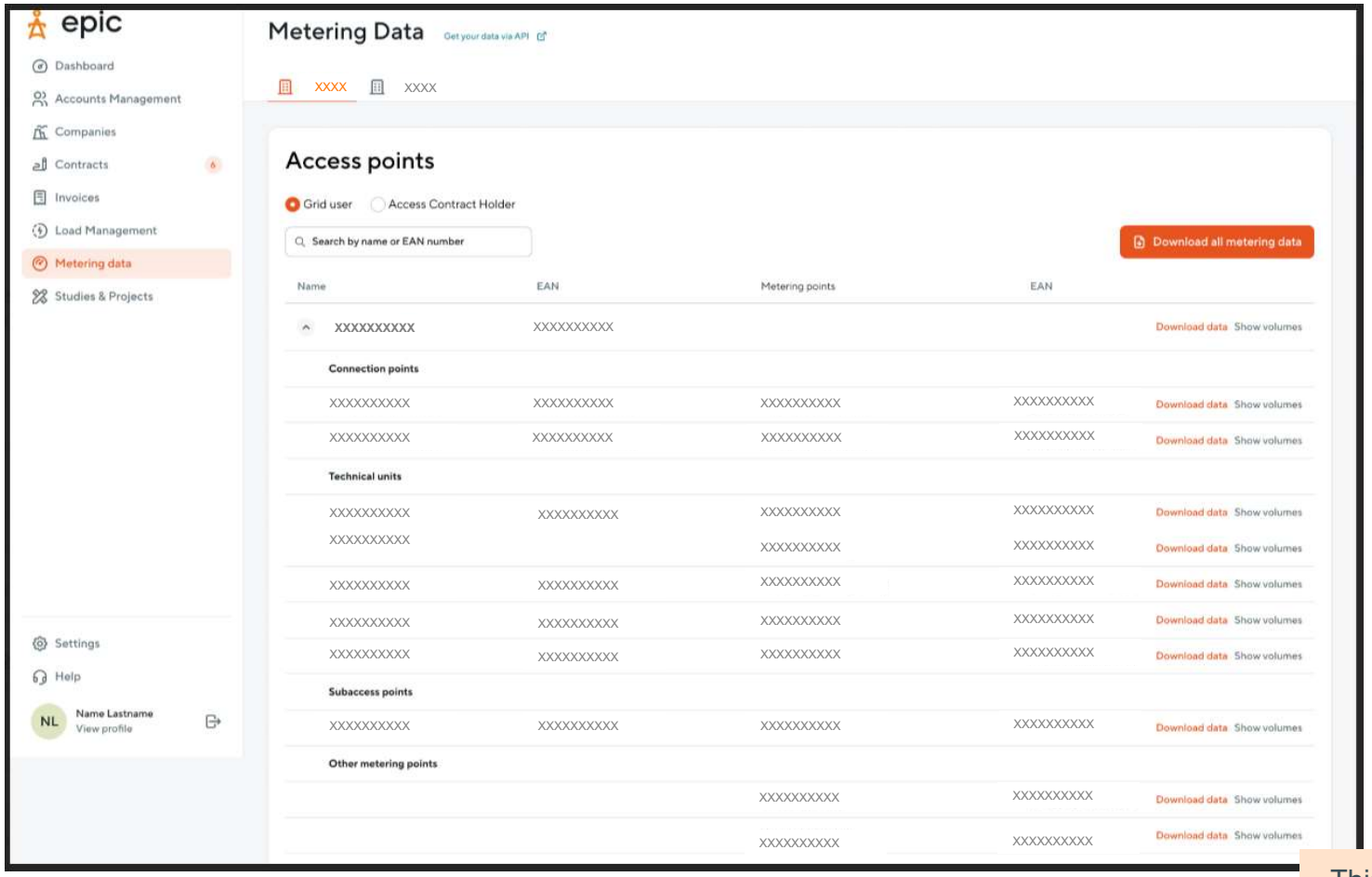
Metering API for Grid Users

Live as of the week of 16/12/2024



ACH Metering in EPIC

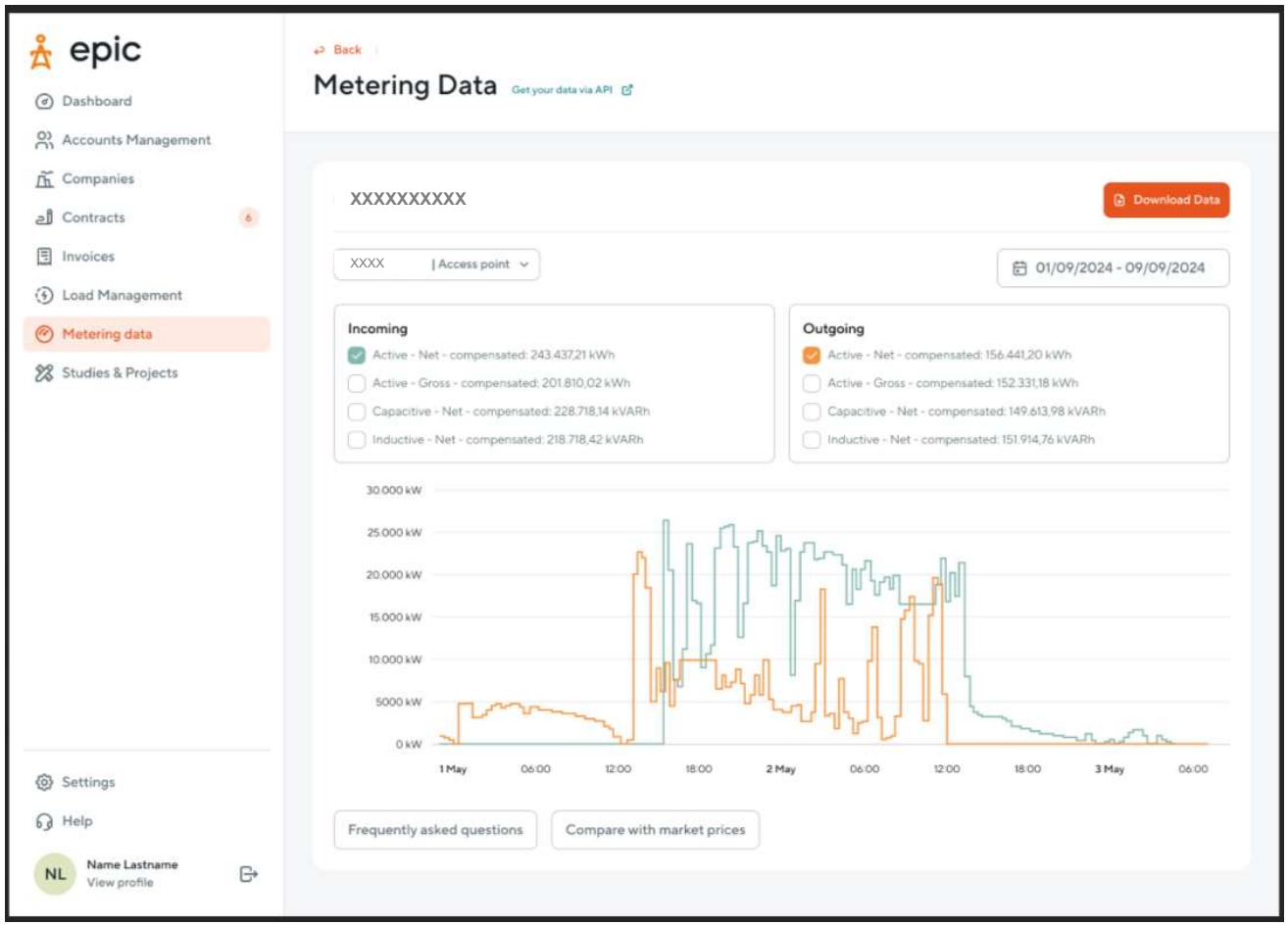
Coming in 2025



This is a fictitious example

ACH Metering in EPIC

Coming in 2025



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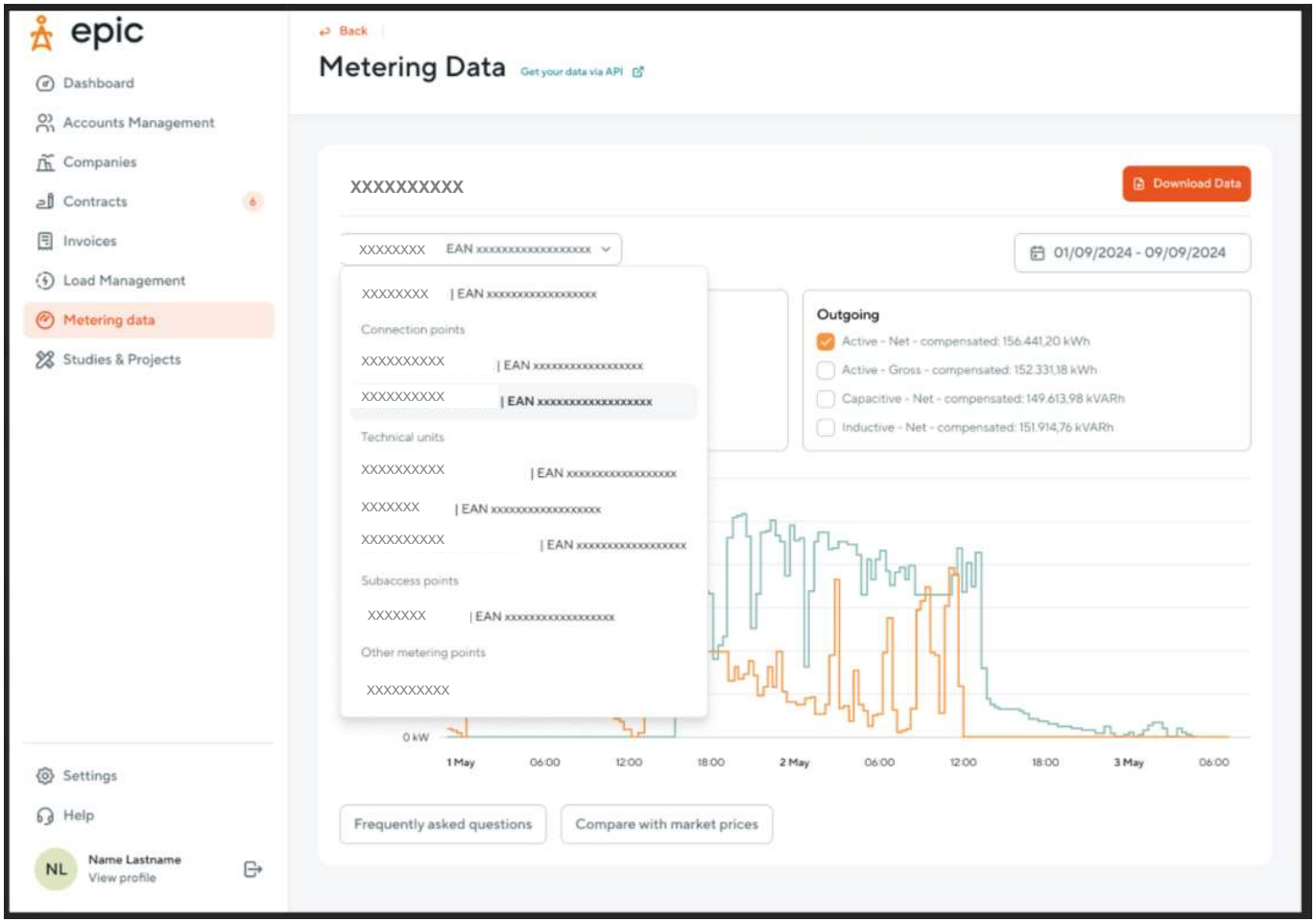

This is a fictitious example

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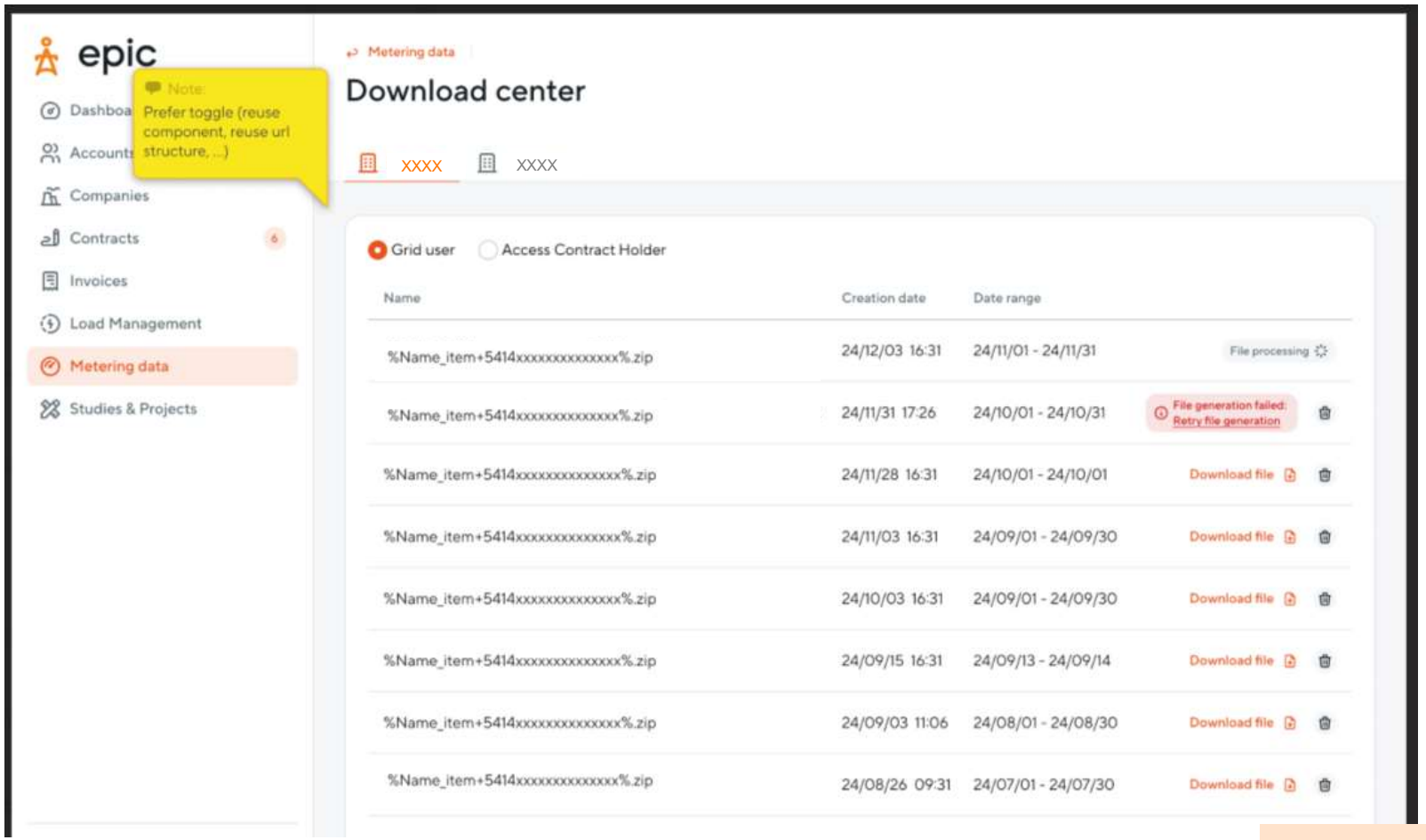

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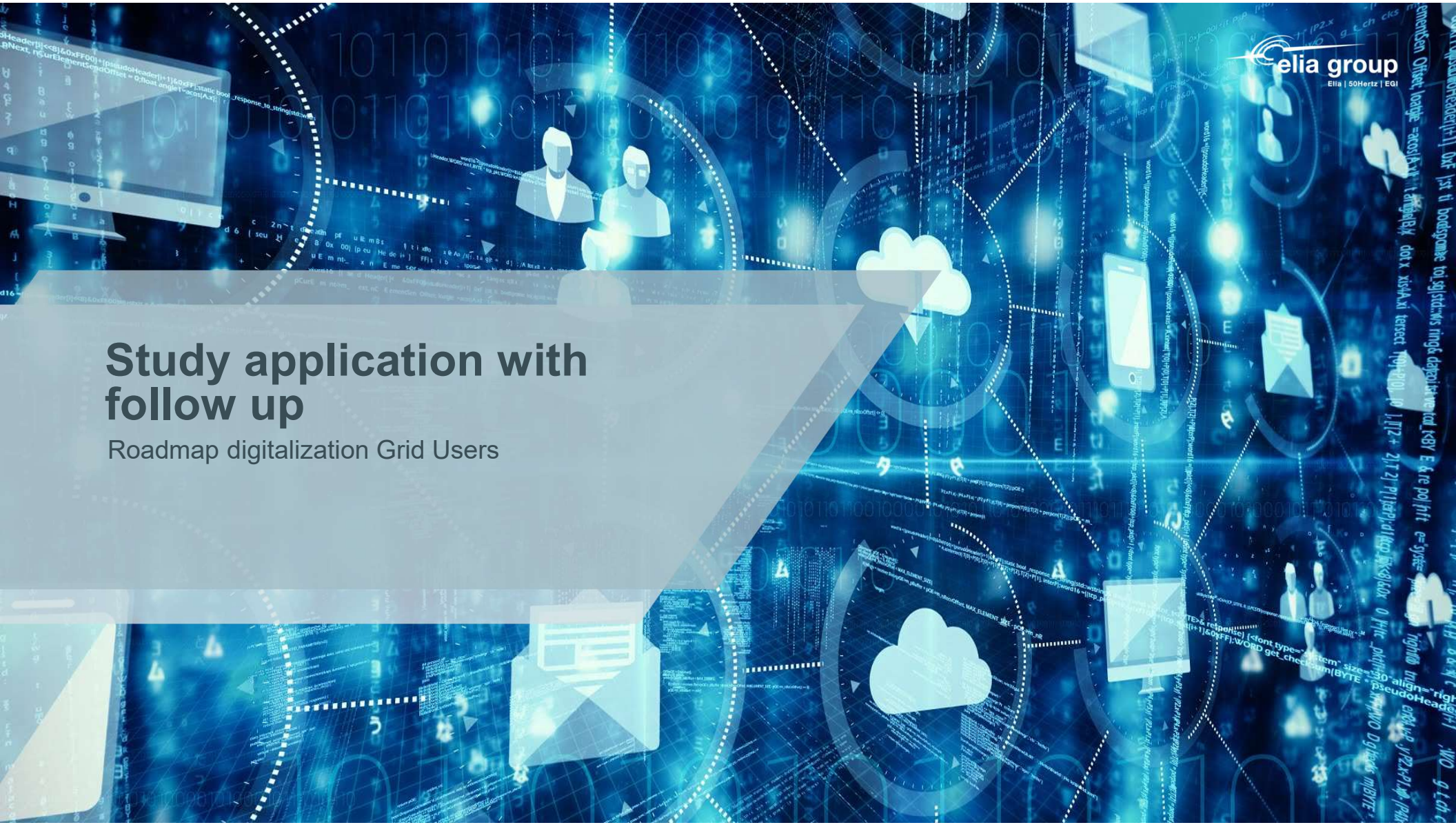


Study application with follow up

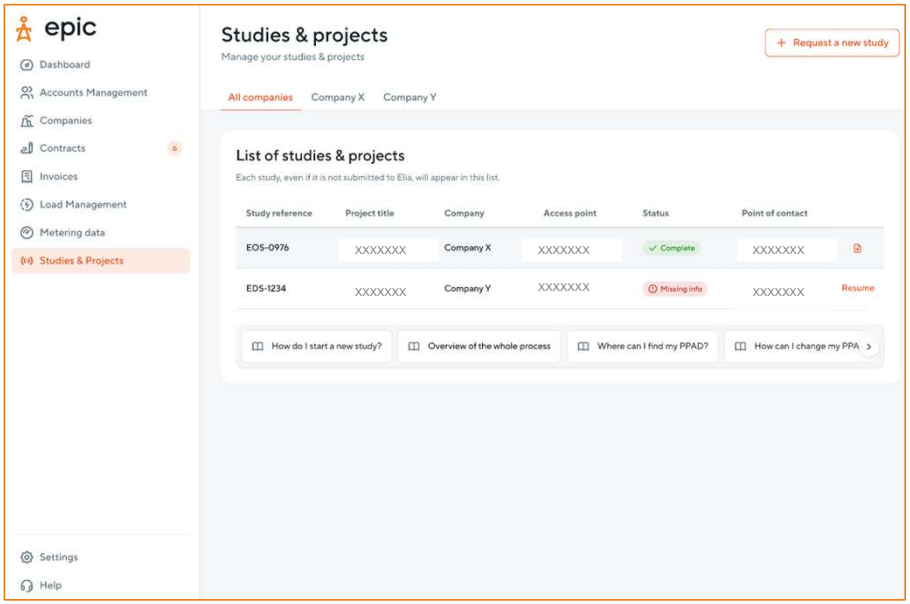
Roadmap digitalization Grid Users

EPIC – Connection Lifecycle

From

What is the status of my study?

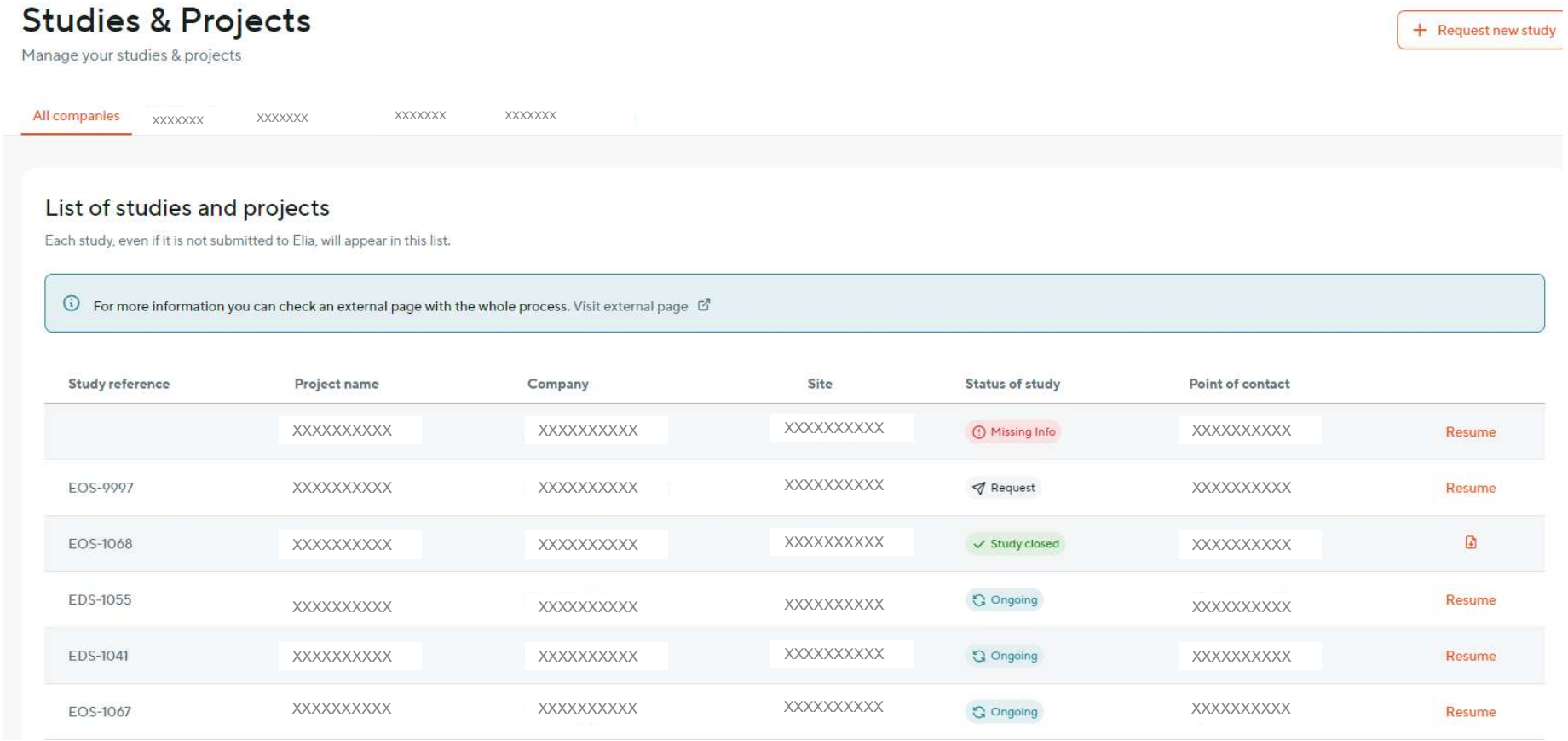
To



elia
Elia Group

Study overview

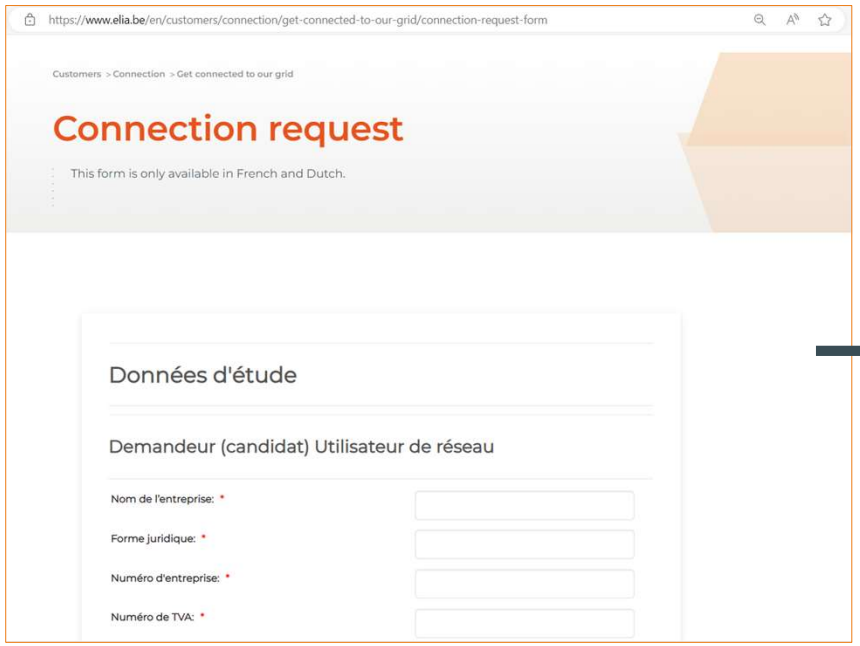
Live as of January 2025



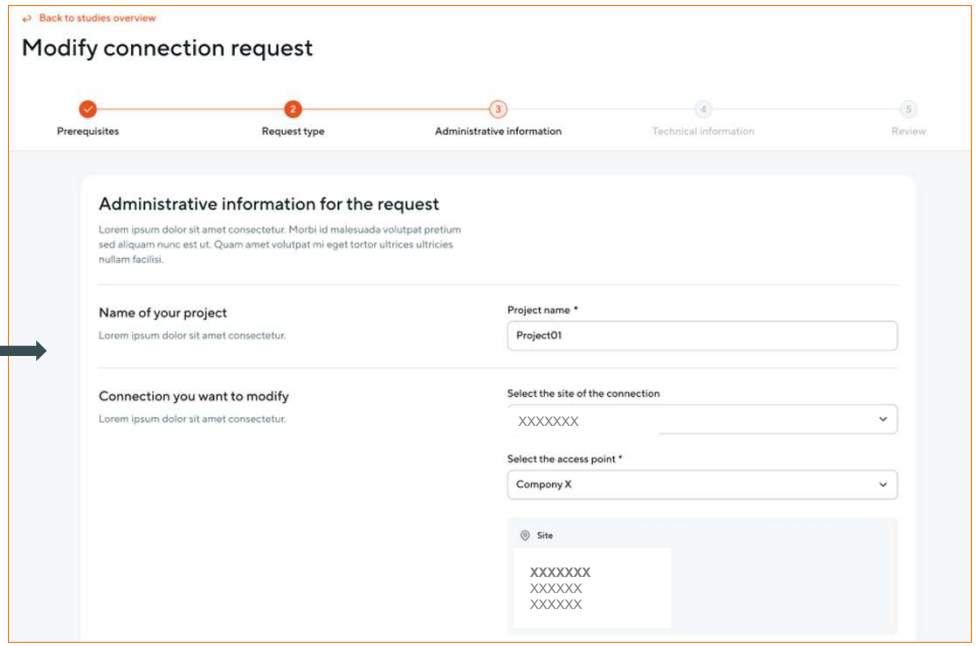
This is a fictitious example

EPIC – Connection Lifecycle

From



To



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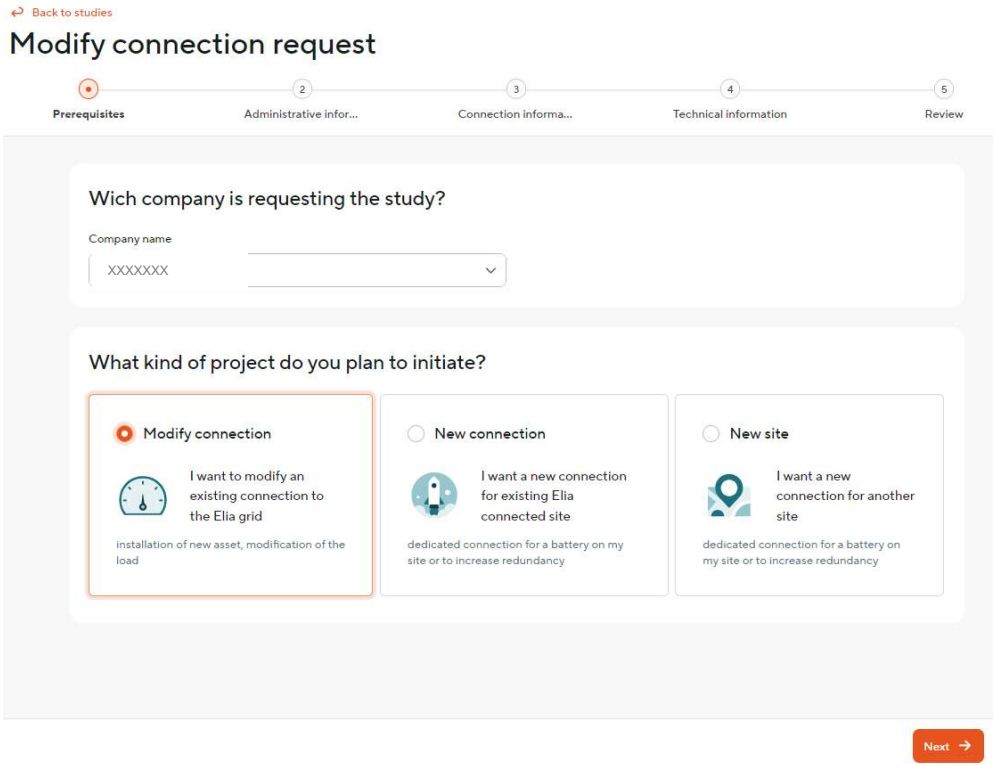
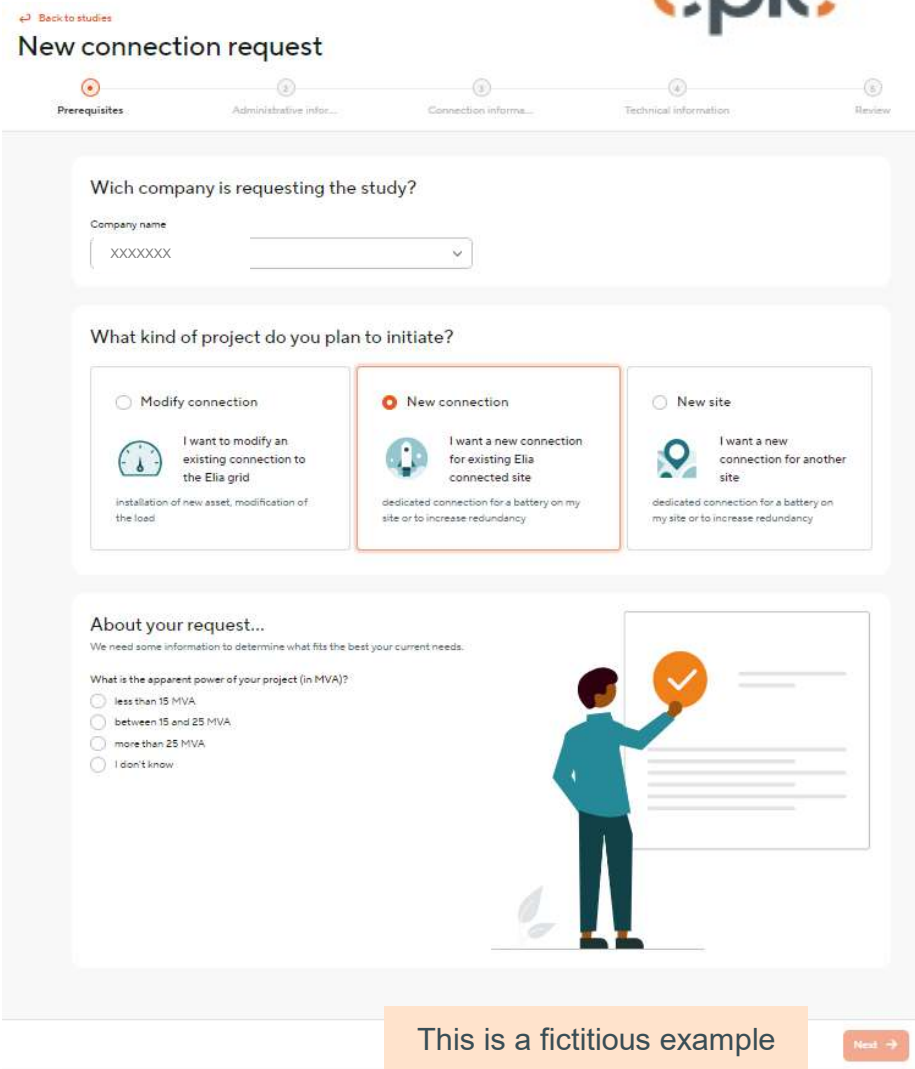
Elia Group

Study request: Select type of project
Step1 - Prerequisite



Coming in 2025

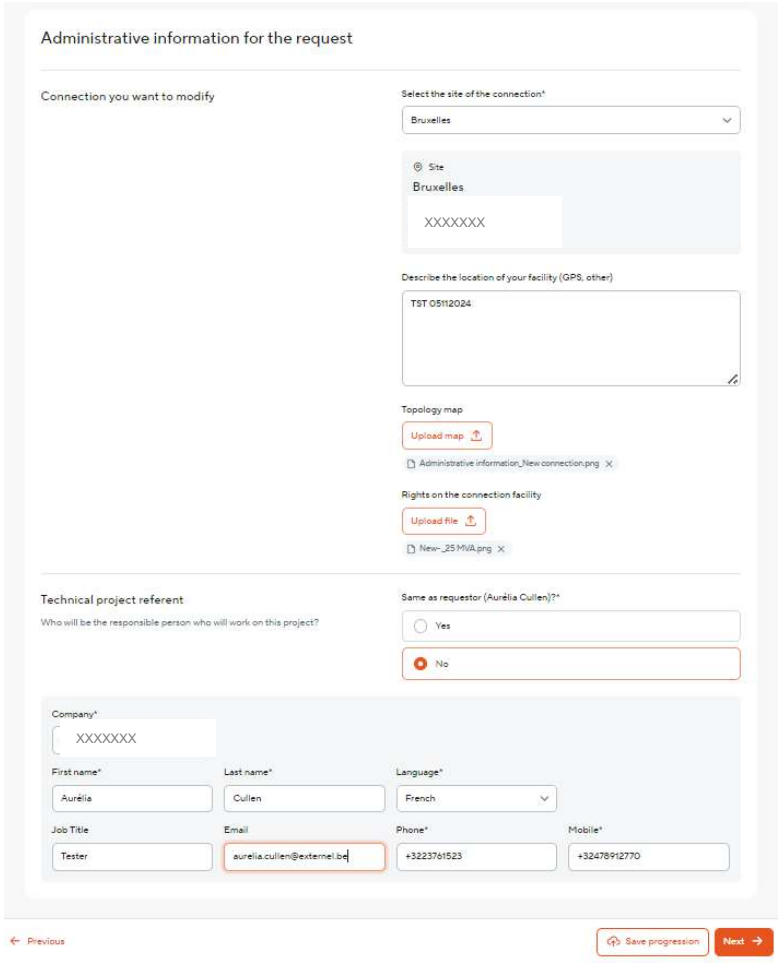


This is a fictitious example

Study request: Fill/edit administrative info

Coming in 2025

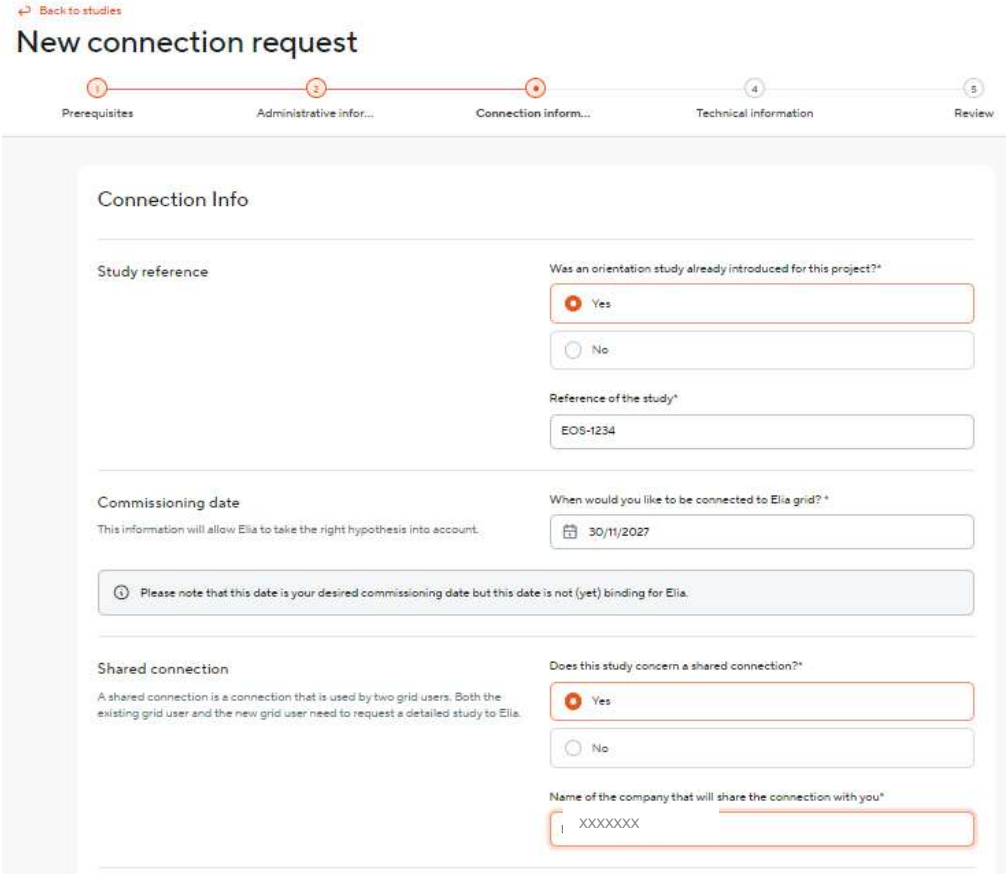
Step2 – Administrative information

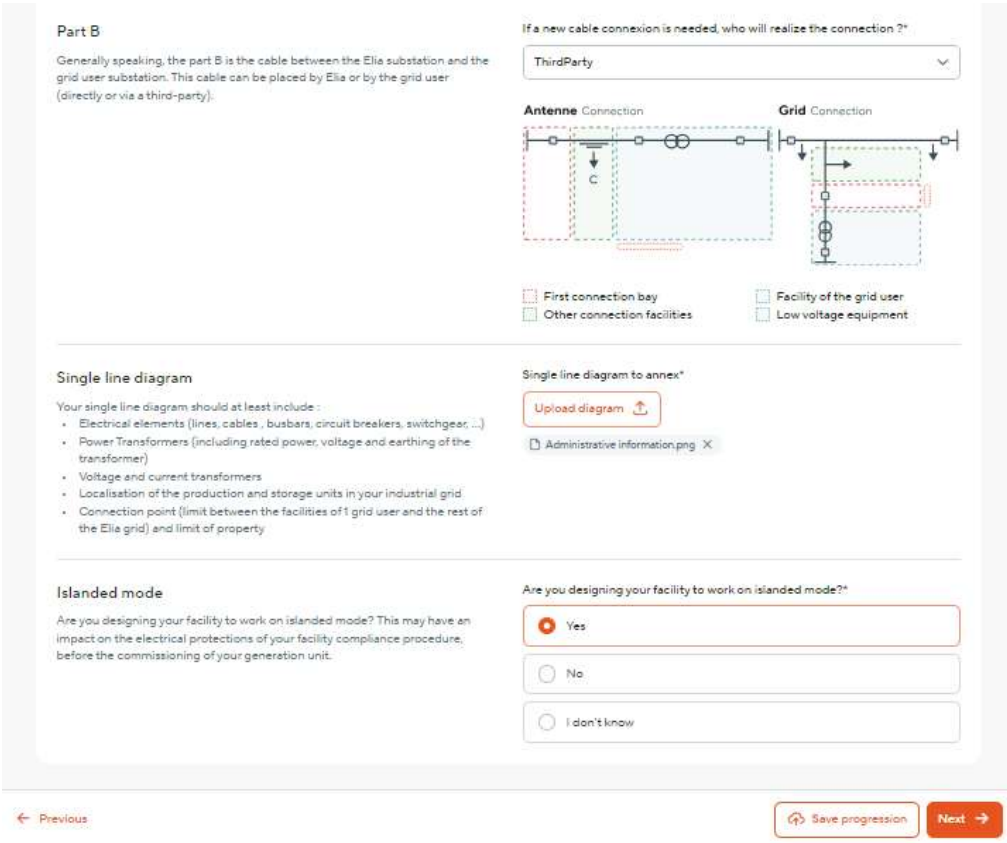


This is a fictitious example

Study request: Fill and upload connection info Coming in 2025

Step3 – Connection information

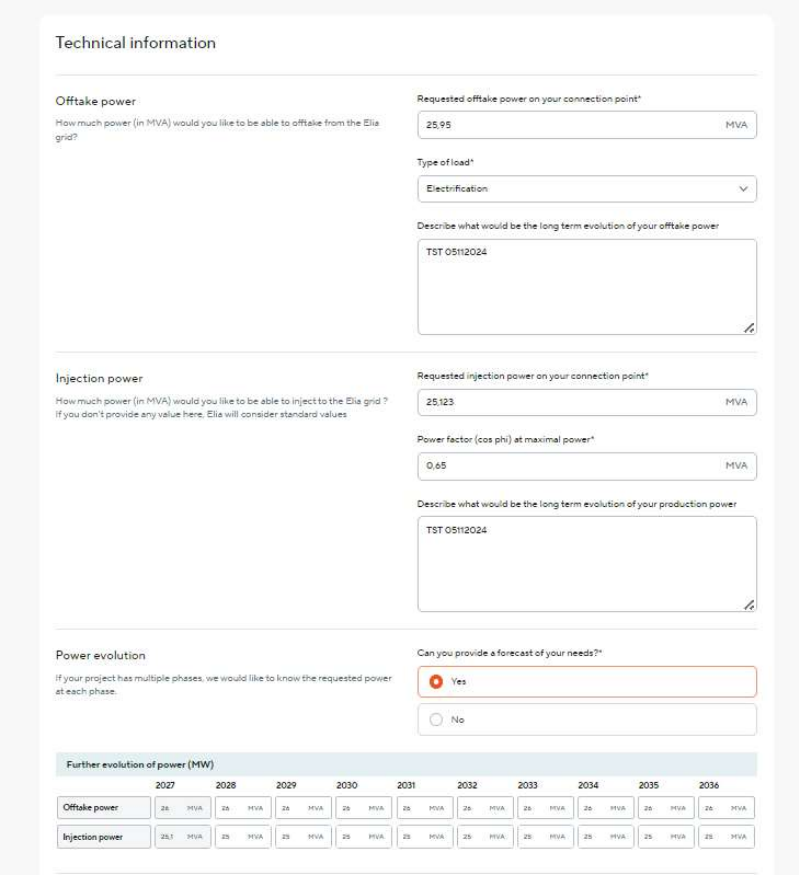




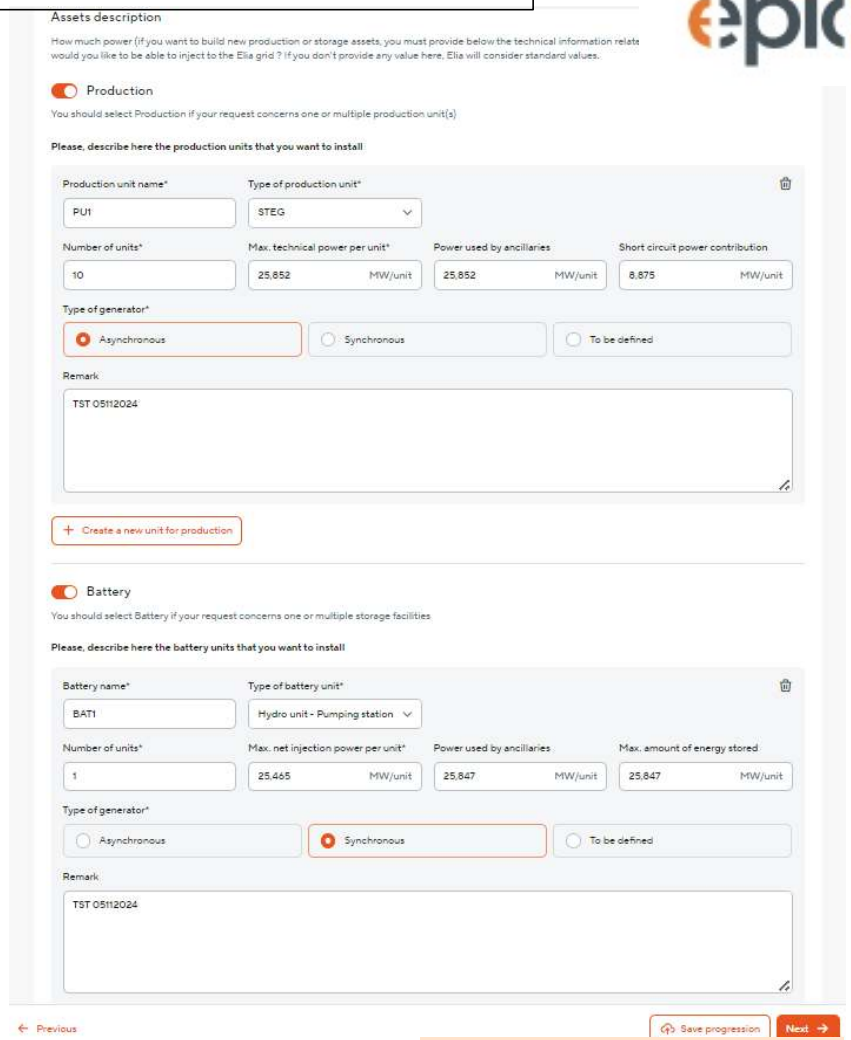
This is a fictitious example

Study request: Fill technical info

Step4 – Technical information



Coming in 2025

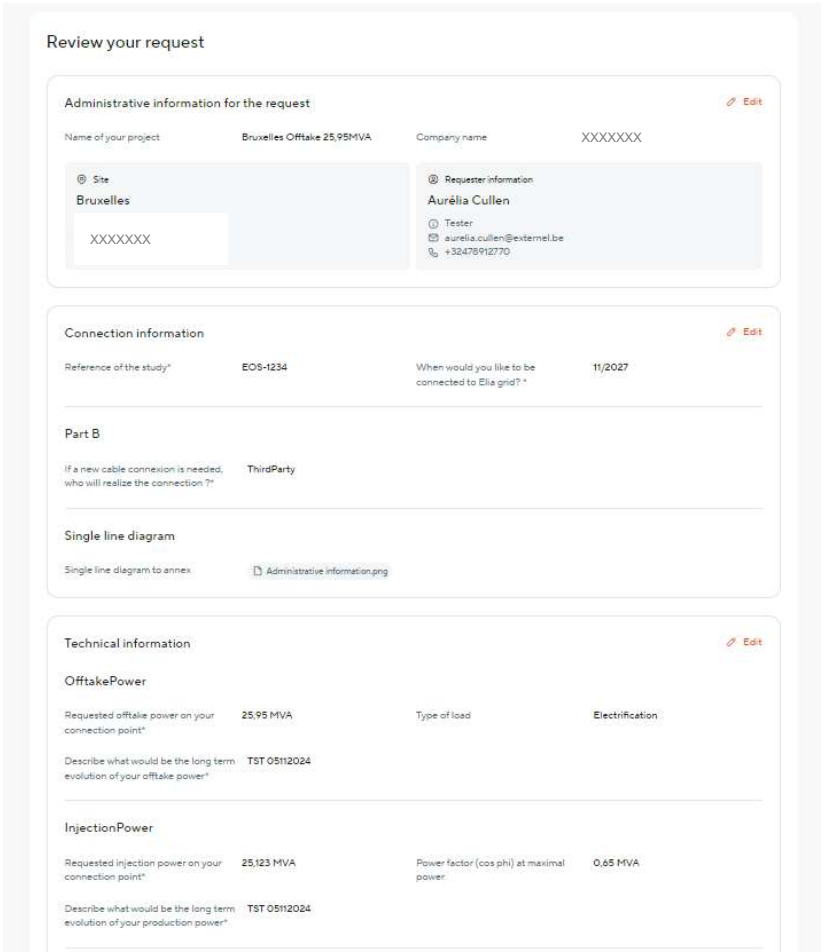


This is a fictitious example

Study request: Review and submit

Step5 – Review

Coming in 2025



Review your request

Administrative information for the request — Edit

Name of your project: Bruxelles Offtake 25,95MVA
Company name: XXXXXXX

Site: Bruxelles — XXXXXXX

Requester information: Aurélia Cullen
Tester
aurelia.cullen@externel.be
+32478912770

Connection information — Edit

Reference of the study*: EOS-1234
When would you like to be connected to Elia grid? *: 11/2027

Part B

If a new cable connexion is needed, who will realize the connection ?*: ThirdParty

Single line diagram

Single line diagram to annex: Administrative information.png

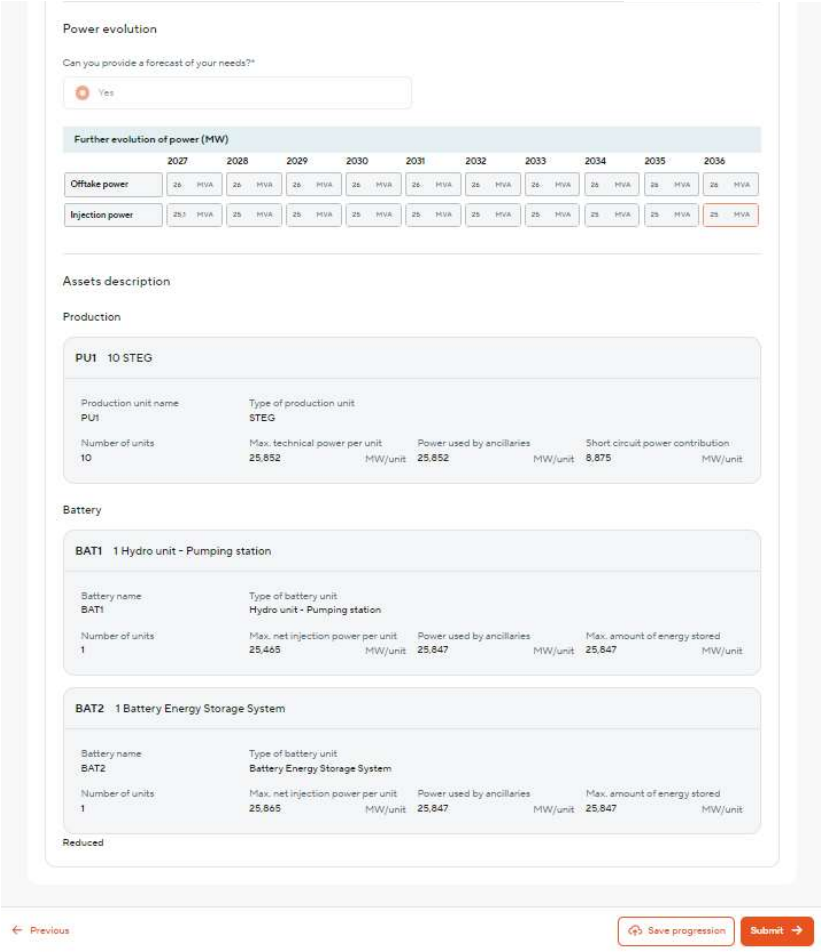
Technical information — Edit

OfftakePower

Requested offtake power on your connection point*: 25,95 MVA
Type of load: Electrification
Describe what would be the long term evolution of your offtake power*: TST 05112024

InjectionPower

Requested injection power on your connection point*: 25,123 MVA
Power factor (cos phi) at maximal power: 0,65 MVA
Describe what would be the long term evolution of your production power*: TST 05112024



Power evolution

Can you provide a forecast of your needs?*: Yes

Further evolution of power (MW)

	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Offtake power	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA	26 MVA
Injection power	25,1 MVA	25 MVA	25 MVA	25 MVA	25 MVA	25 MVA	25 MVA	25 MVA	25 MVA	25 MVA

Assets description

Production

PU1 10 STEG

Production unit name	Type of production unit			
PU1	STEG			
Number of units	Max. technical power per unit		Power used by ancillaries	Short circuit power contribution
10	25,852	MW/unit	25,852 MW/unit	8,875 MW/unit

Battery

BAT1 1 Hydro unit - Pumping station

Battery name	Type of battery unit			
BAT1	Hydro unit - Pumping station			
Number of units	Max. net injection power per unit		Power used by ancillaries	Max. amount of energy stored
1	25,465	MW/unit	25,847 MW/unit	25,847 MW/unit

BAT2 1 Battery Energy Storage System

Battery name	Type of battery unit			
BAT2	Battery Energy Storage System			
Number of units	Max. net injection power per unit		Power used by ancillaries	Max. amount of energy stored
1	25,865	MW/unit	25,847 MW/unit	25,847 MW/unit

Reduced

Previous — Save progression — Submit

This is a fictitious example

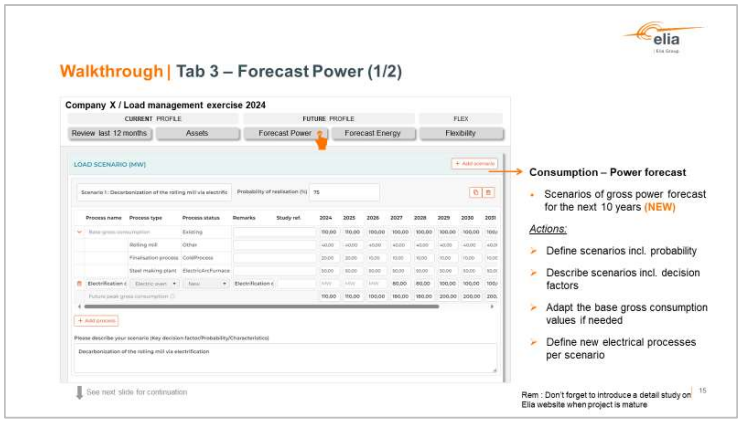
Others (load mgmt. + insights Invoices)

Roadmap digitalization Grid Users

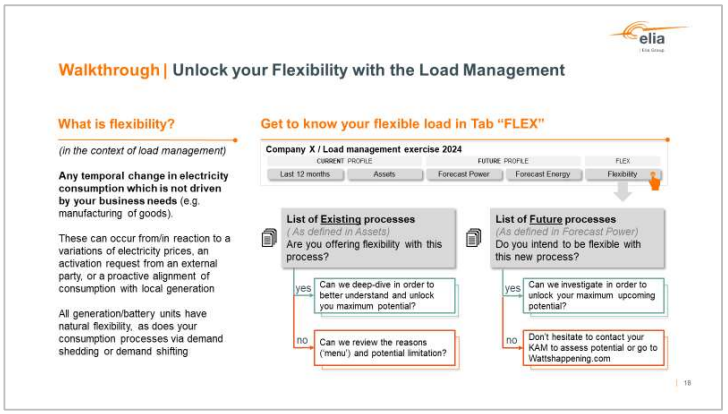
The Load management tool (Elia Grid users) : what's new this year ?

Already live

NEW - Scenarios for estimates in MW and MWh



NEW - Flexibility of processes



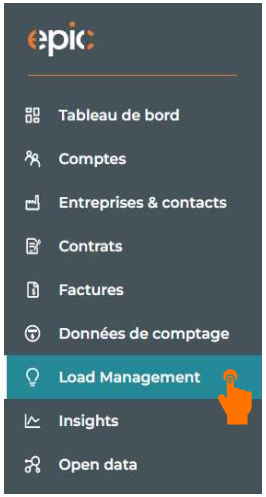
NEW – Description of existing and new **processes**

NEW – 2 webinars in order to explain the goals and give guidance to the grid users

NEW – Load management open all-through the year

Already live

The load management tool : 5 tabs and 3 angles of view



Company X / Access point Y / Load management exercise 2024

CURRENT PROFILE		**FUTURE** PROFILE		**FLEX**
Review last 12 months	Assets	Forecast Power	Forecast Energy	Flexibility
		Angle 1	Angle 2	Angle 3
Review & validate your last 12 months activity	Review pre-filled **power generation** module (PGM) data	Enter scenarios with probability & for each • Enter new processes • Forecast power for existing & new ones	Forecast energy per scenario & process	Describe flexibility for existing processes
	Define current electrical **consumption** processes	• Enter future PGMs • Forecast power for existing & new ones	Forecast energy for existing & new PGMs	Describe flexibility for new processes by scenario
		• Enter future **batteries** • Forecast power		
Tab 1	Tab 2	Tab 3	Tab 4	Tab 5

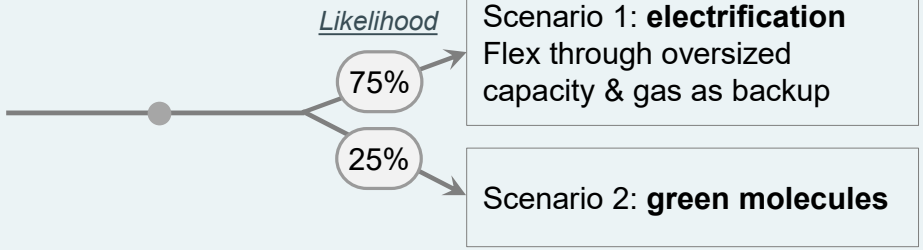
Rem : selection of tabs for secondary access points, new access points or generation

Already live

Example of use case : Decarbonization of steel plant

How to use the tool for my decarbonization plans ?

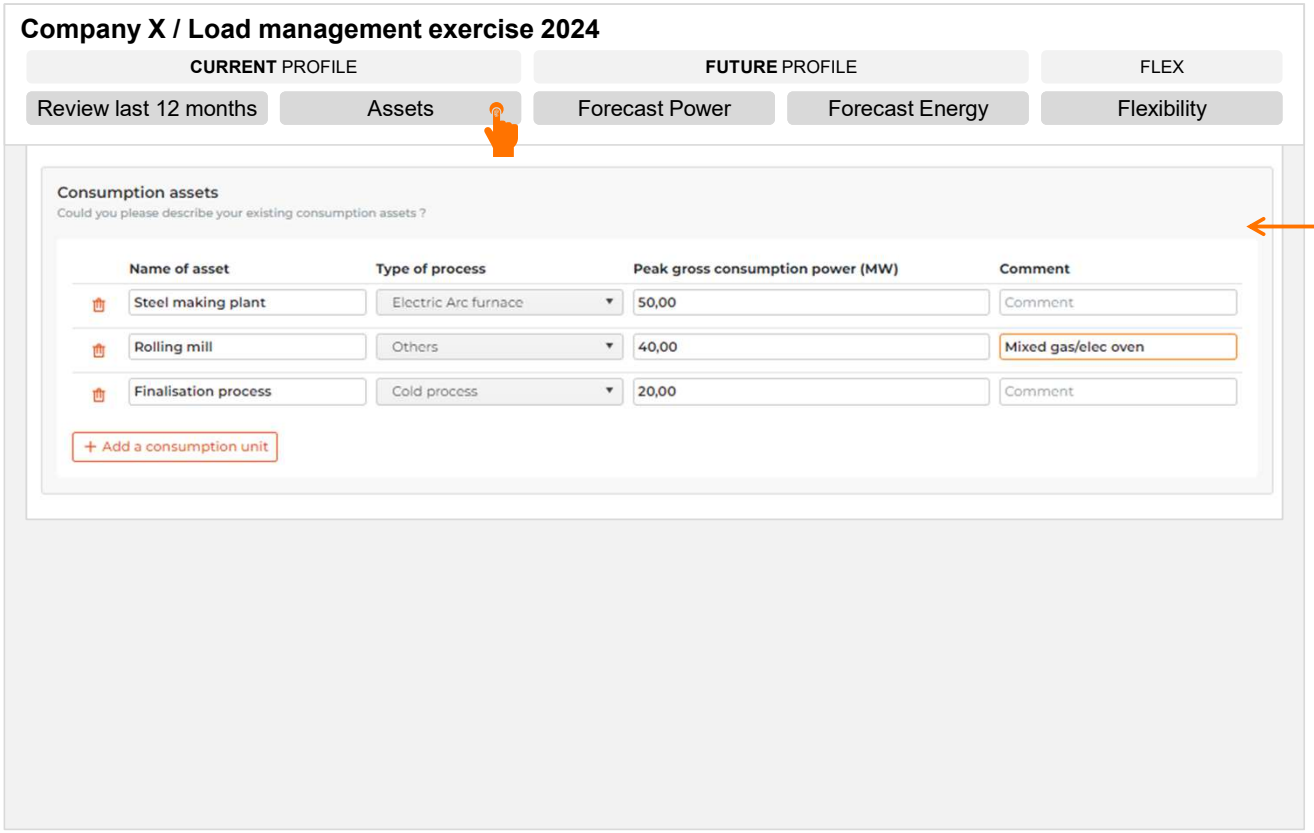
	State today	Roadmap	
		Step 1: Optim cold process	Step 2: Decarb rolling mill (2027)
Consumption	**Three main processes** • **Steel making plant** Gross peak power: 50 MW • **Rolling mill (gas & elec)** Gross peak power: 40 MW • **Finalization (cold) process** Gross peak power: 20 MW		*Scenarios for **different tech***



This is a fictitious example

Already live

Example of use case : Define my consumption assets



Define three main electrical processes

- **Steel making plant**
  Peak power: 50 MW
- **Rolling mill**
  Peak power: 40 MW
- **Finalization (cold) process**
  Peak power: 20 MW

This is a fictitious example

Example of use case :
Introduce power forecast related to scenarios (1/2)

Already live

Company X / Load management exercise 2024

CURRENT PROFILE		FUTURE PROFILE		FLEX
Review last 12 months	Assets	Forecast Power	Forecast Energy	Flexibility

LOAD SCENARIO (MW) — + Add scenario

Scenario 1 : Decarbonization of the rolling mill via e — Probability of realisation (%) 75

Process name	Process type	Process status	Remarks	Study ref.	2024	2025	2026	2027	2028	2029
Base gross consumption		Existing			110,00	110,00	100,00	100,00	100,00	100,00
	Rolling mill	Other			40,00	40,00	40,00	40,00	40,00	40,00
	Finalisation process	ColdProcess			20,00	20,00	10,00	10,00	10,00	10,00
	Steel making plant	ElectricArcFurnace			50,00	50,00	50,00	50,00	50,00	50,00
Electrification c	Electric oven	New	Electrification c		MW	MW	MW	80,00	80,00	100,00
Future peak gross consumption ⓘ					110,00	110,00	100,00	180,00	180,00	200,00

Please describe your scenario (Key decision factor/Probability/Characteristics)

Scenario 1: **electrification**
Flex through oversized capacity & gas as backup

Define scenario

Optimisation of process (step 1)

Add new process for electrification (step 2)

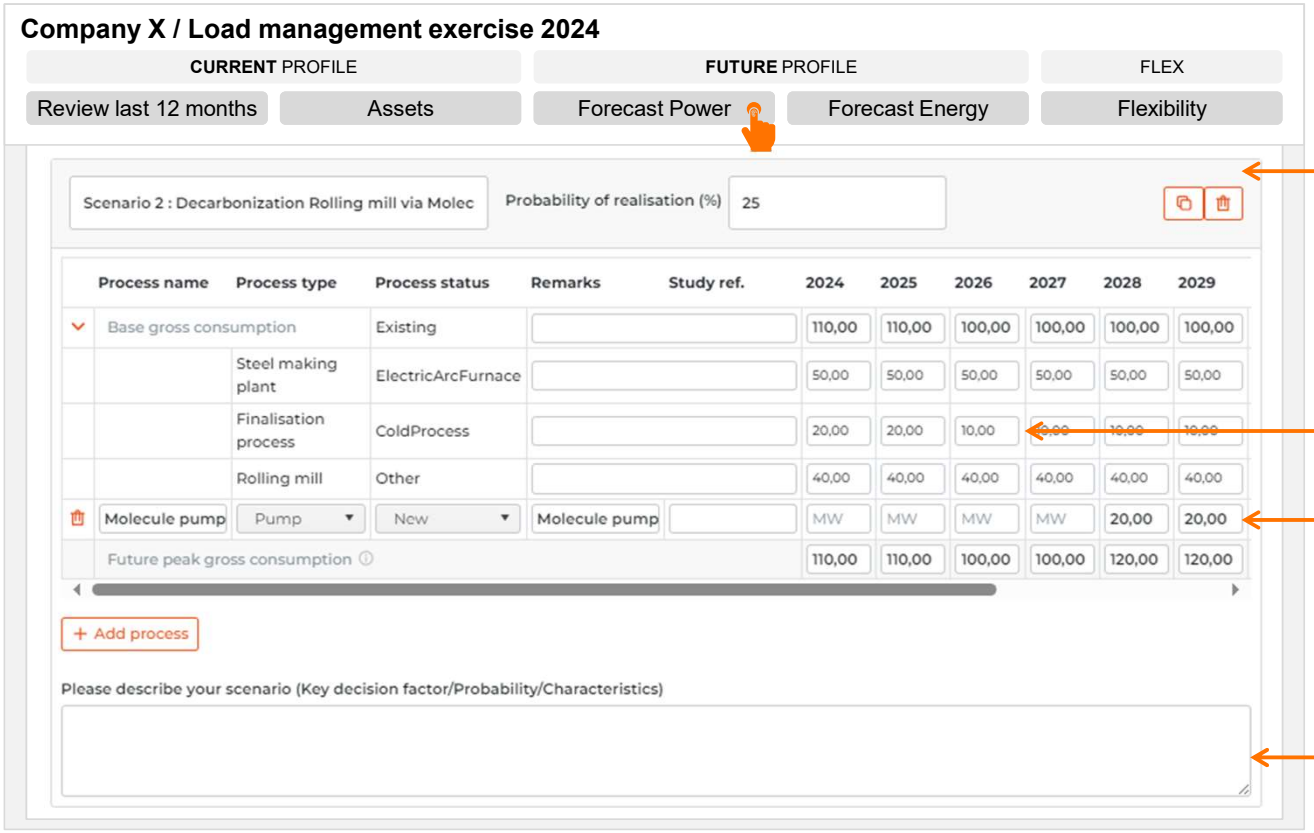
Describe scenario

See next slide for second scenario

This is a fictitious example

Example of use case :
Introduce power forecast related to scenarios (2/2)

Already live



Scenario 2: **green molecules**

Define scenario

Optimisation of process (step 1)

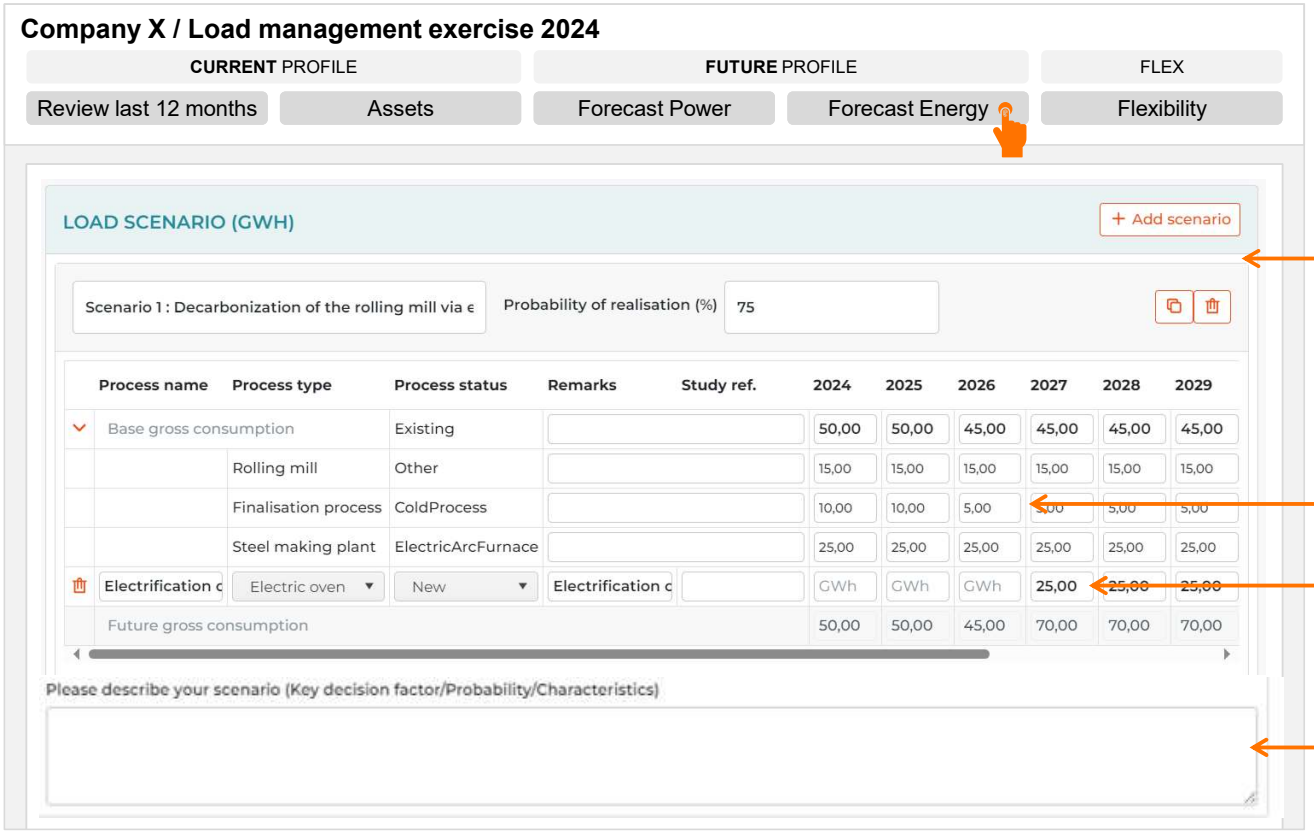
Add new processes for the molecule pump (step 2)

Describe scenario

This is a fictitious example

Already live

Example of use case : Introduce energy forecast related to scenarios



Scenario 1: **electrification**
Flex through oversized capacity & gas as backup

Define scenario

Optimisation of process (step 1)

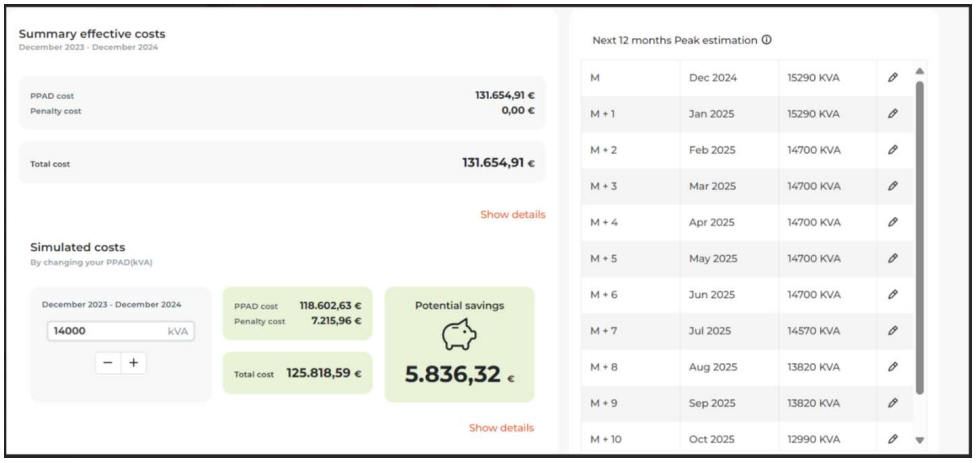
Add new process for electrification (step 2)

Describe scenario

This is a fictitious example

Insights on PPAD forecast in EPIC

Live since the week of 16th of December



- ✓ Forecast of peak PPAD based on historical values
- ✓ Possibility to edit peak PPAD
- ✓ Calculation of PPAD costs, penalties and potential savings

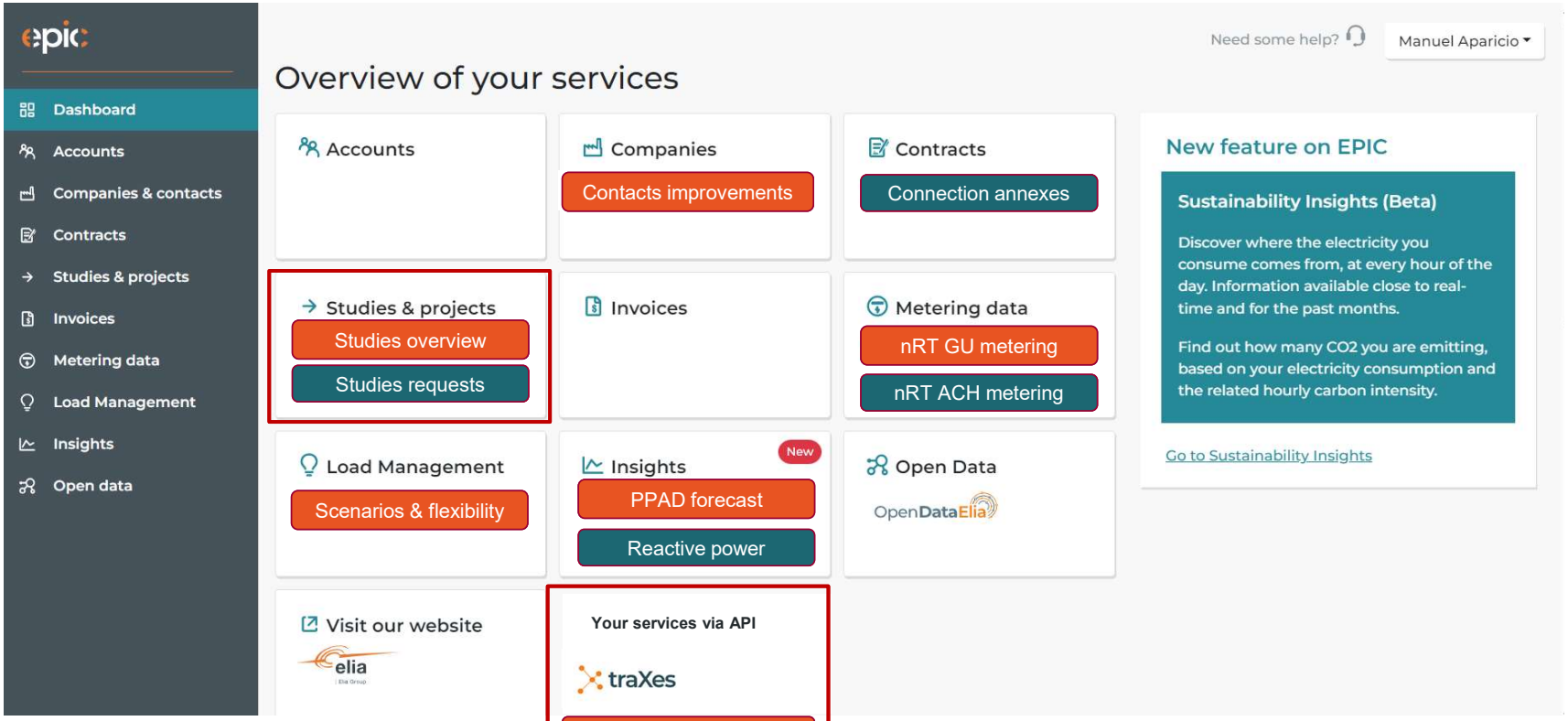
This is a fictitious example

Wrap-up

Roadmap digitalization Grid Users

Roadmap digitalization Grid Users

2024 2025

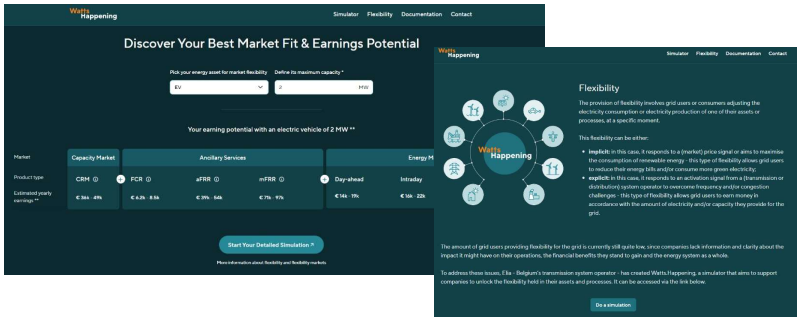


Watts.happening

Estimate your potential flexibility

Watts.happening, informing you on the value of the potential flexibility in your assets and processes

Watts.happening - Monetise your power portfolio



- **Better understand what is flexibility**
- **The different products offered by Elia to valorize this flexibility**
- **Estimate the value of the potential flexibility**
- **Get to know potential partners**

1300+ visitors since 2023 (200 in past 30d)

4000+ Session since 2023 (460 in past 30d)

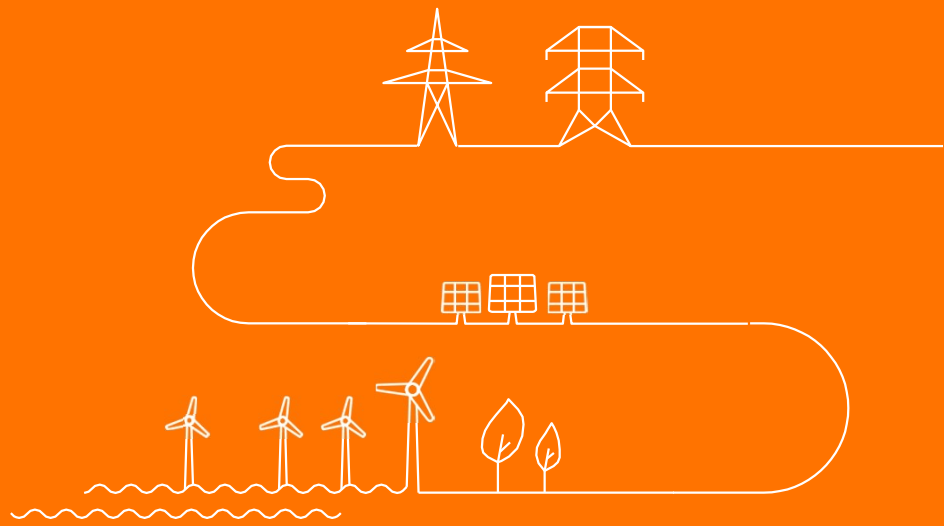
2024

- Market value simulation for CRM, FCR, aFrr, mFrr and **now also Day ahead, intraday and imbalances** markets
- **Updated calculation period**: May 2023 to April 2024
- Improved experience with among others:
  - A **quick estimation tool**, providing average values for each asset type
  - A more **user friendly simulation tool**

2025

- **Thematic (asset specific) case studies** of companies discovering and unlocking and leveraging the value of their flexibility
- **Improved matching** of Flex owners with Flex valorizers (BSP/BRP) and flex unlockers (aggregators, ESPs, etc.)
- **EV Flexibility** content to help the growing sector live to its potential
- **Support and engagement** campaigns to raise awareness and knowledge of the market

Thank you.



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GUFlex – roadmap 2025

Anna Tsiokanos

Recap workshop of 15/11 : ST and LT vision for congestion management

What we have done so far

- We provided increased **transparency** regarding the **methodology** for **client connection studies** and flexibility **activations**
- We proposed a design with a **balanced approach between risks for grid users and harmonious development of the grid :**
  - **right incentives** by letting the GU with flex access bear the costs up to the applicable caps in order to avoid unharmonious development of the grid
  - **firm guarantees** (cap in volume, duration and price) allowing GU with flexible access to take appropriate decisions for their business case
- Key limitation is the RT character of the flex access activations: more appropriate for **RES**, **production& storage** than **demand**
- Still design elements that need to be further finetuned

We foresee **2 main track** for evolutions in the **future**

ongoing

Continue evolution of the ST target
Industrialized flex access for customers waiting for grid reinforcement
- ✓ ***for all technologies***
- ✓ ***For all regions***

This will include, amongst others:

- The **impact** on the **BSP** and **CRM** in case of flexibility activations
- The management of **mixed sites** (baselining, how to treat the signal amongst the different Delivery Points)
- The exploration of products activated before RT (preceded by POCs)…
- The **extension of design** in regional grids with (where necessary) a harmonization of all regulations
- …

Launch LT Target: *optimal use of flexibility from Grid Users*
- ✓ ***from grid planning*** *(trade off between flexibility & infrastructure)*
- ✓ ***to operations*** *(optimal merit order)*
- ✓ ***with a consistent set of products*** *(RT→ <DA for flex & firm access)*

- Allows to avoid over-building the grid, cutting the tail of the grid-investment need uncertainties thanks to flexibility
- Societal optimum in operations by using the cheapest flexibility

⚠ Requires an important paradigm shift with, several design challenges and a high implementation impact

Recap workshop of 15/11 : Roadmap towards ST and LT vision

ST

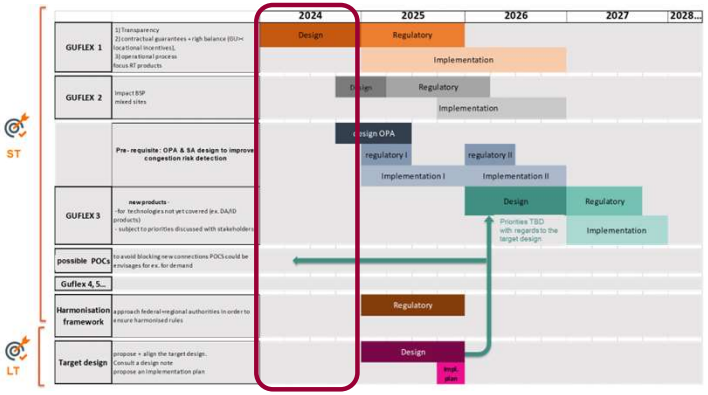
LT

		2024	2025	2026	2027	2028...
GUFLEX 1	1) Transparency 2) contractual guarantees + righ balance (GU>< locational incentives), 3) operational process focus RT products	Design	Regulatory			
			Implementation			
GUFLEX 2	Impact BSP mixed sites	Design	Regulatory			
				Implementation		
	Pre-requisite: OPA & SA design to improve congestion risk detection	design OPA				
			regulatory I	regulatory II		
			Implementation I	Implementation II		
GUFLEX 3	**new products** - - for technologies not yet covered (ex. DA/ID products) - subject to priorities discussed with stakeholders			Design	Regulatory	
				Priorities TBD with regards to the target design	Implementation	
possible POCs	to avoid blocking new connections POCS could be envisages for ex. for demand					
Guflex 4, 5...						
Harmonisation framework	approach federal+regional authorities in order to ensure harmonised rules		Regulatory			
Target design	propose + align the target design. Consult a design note propose an implementation plan		Design			
				Impl. plan		

This plan is based on the design submitted by Elia in the CoC proposal.

Additional requirements for the first next iteration may delay the go-live of GUFlex 1 beyond 2026 and may need to reconsider the milestones of other swimlanes.

What has been done in 2024



GUFlex 1

- ❑ Grid Study Methodology
  - ✓ Transparency and improvements on methodology
  - ✓ Template of study results
  - ✓ Grid Study Methodology will be published by end of 2024
- ❑ Improved EOS/EDS & capacity reservation process
- ❑ Definition of contractual guarantees for the GU
  - ✓ cap on volume, duration and imbalance price exposure
  - ✓ Definition of settlement principles (baseline…)
- ❑ Operational principles
- ❑ Reporting and Monitoring

⇒ **Design Note + Proposal for a CoC**

GUFlex 2

- ❑ First design elements on mixed sites
- ❑ First design elements on BSP

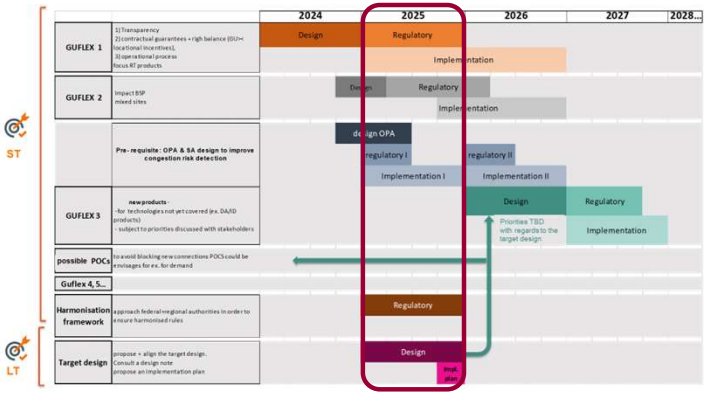
Harmonisation

- ❑ Initiation of discussions with Regional Authorities

LT Target

- ❑ HL Vision
- ❑ Identification of necessary prerequisites & analyses

Work ahead of us - part 1



- ❑ Impact analysis CoC & design finetuning

GUFlex 1

- ❑ Design fine-tunings & Public documents
  - ✓ Bank Deposit (in WG grid)
  - ✓ Baseline Note
  - ✓ Revision process related to grid study methodology (in TF scenarios)
- ❑ **3 to 6 Regulated documents**
  - ✓ Connection Contract
  - ✓ Coordination Rules
  - ✓ T&C BRP
  - ✓ Other (e.g. T&C BSP)

GUFlex 2

- ❑ Design for mixed sites
- ❑ Mitigation principles BSP
- ❑ Mitigation principles CRM

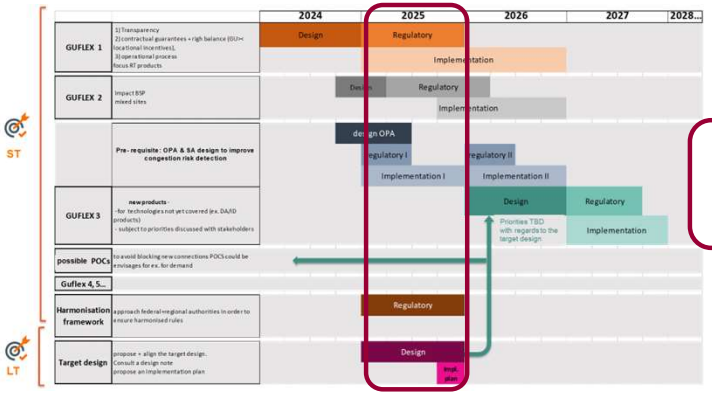
GUFlex 3

- ❑ Possible POCs (exact number of cases and complexity can vary)

Harmonization

- ❑ Transposition of EMDR in regional legislation
- ❑ Collaboration with DSOs and regional regulators

Work ahead of us - part 2



Optimal usage of flex in Grid planning

Optimal usage of flex in operations

LT Target

Consistent set of products able to use all existing flexibility

- ❑ Methodology flex vs grid reinforcements
  - ❑ Boundaries
  - ❑ Definition future scenarios

<u>Market Design considerations:</u>

- ❑ Reconsider remuneration modalities for a future where there is “INC-DEC gaming” paradox
- ❑ Costs reallocation methodology

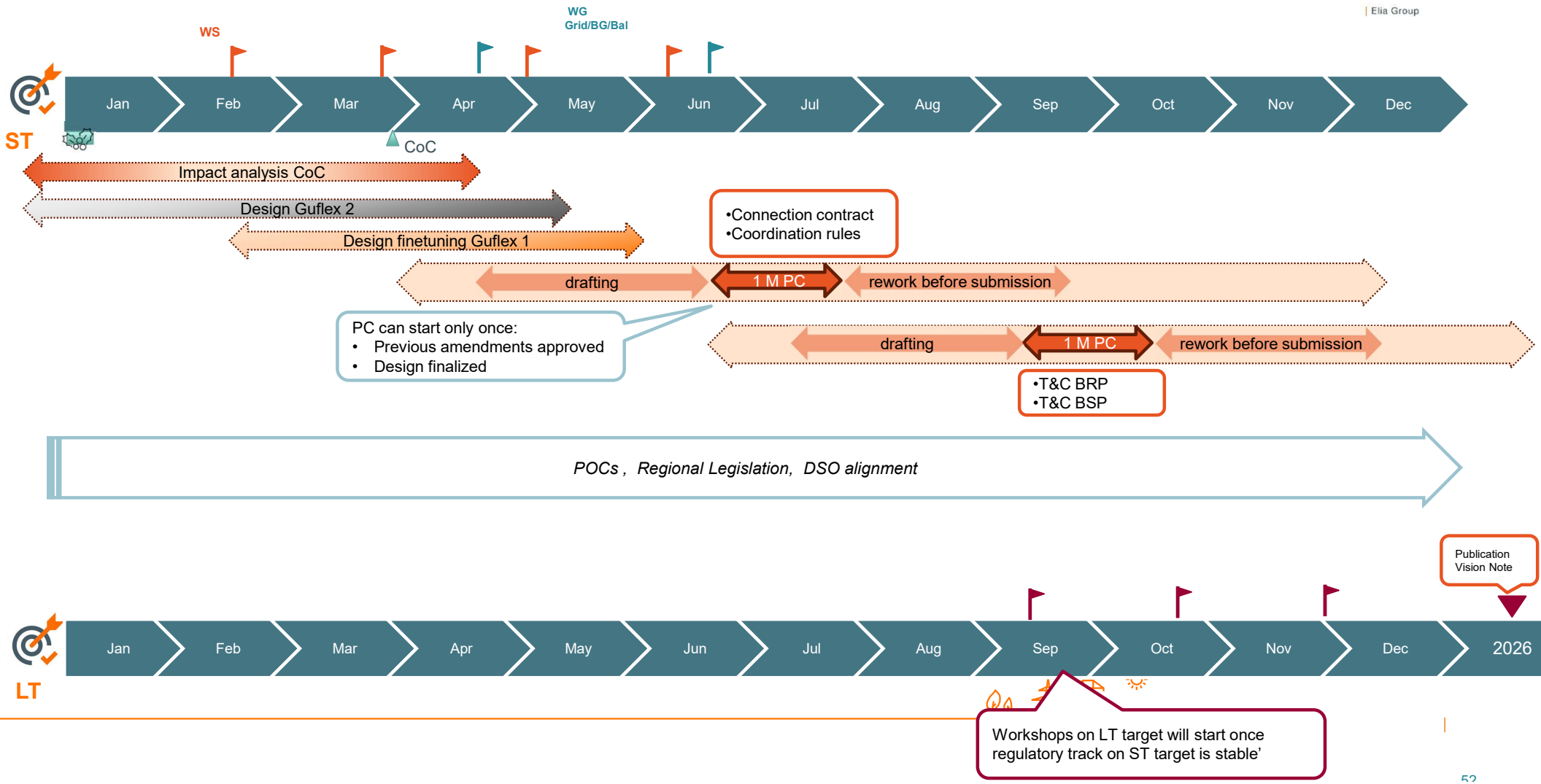
<u>Operational prerequisites</u>

- ❑ RAO & operational processes
- ❑ OPA SA data improvement (iCAROS)

<u>Product design</u>

- ❑ Separate financial & technical modalities of flex. access
- ❑ Define new congestion products (link wit ICAROS)
  - ❑ all timeframes
  - ❑ all technologies

Indicative Planning 2025



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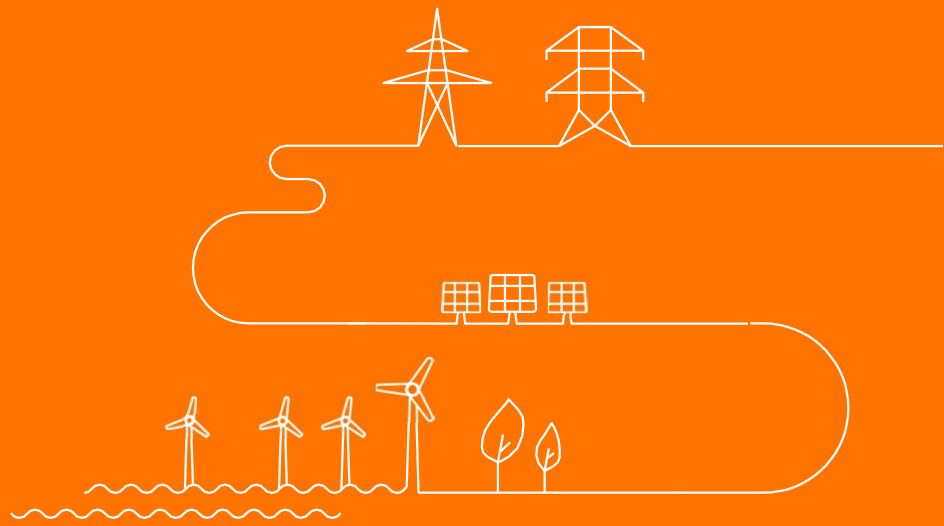

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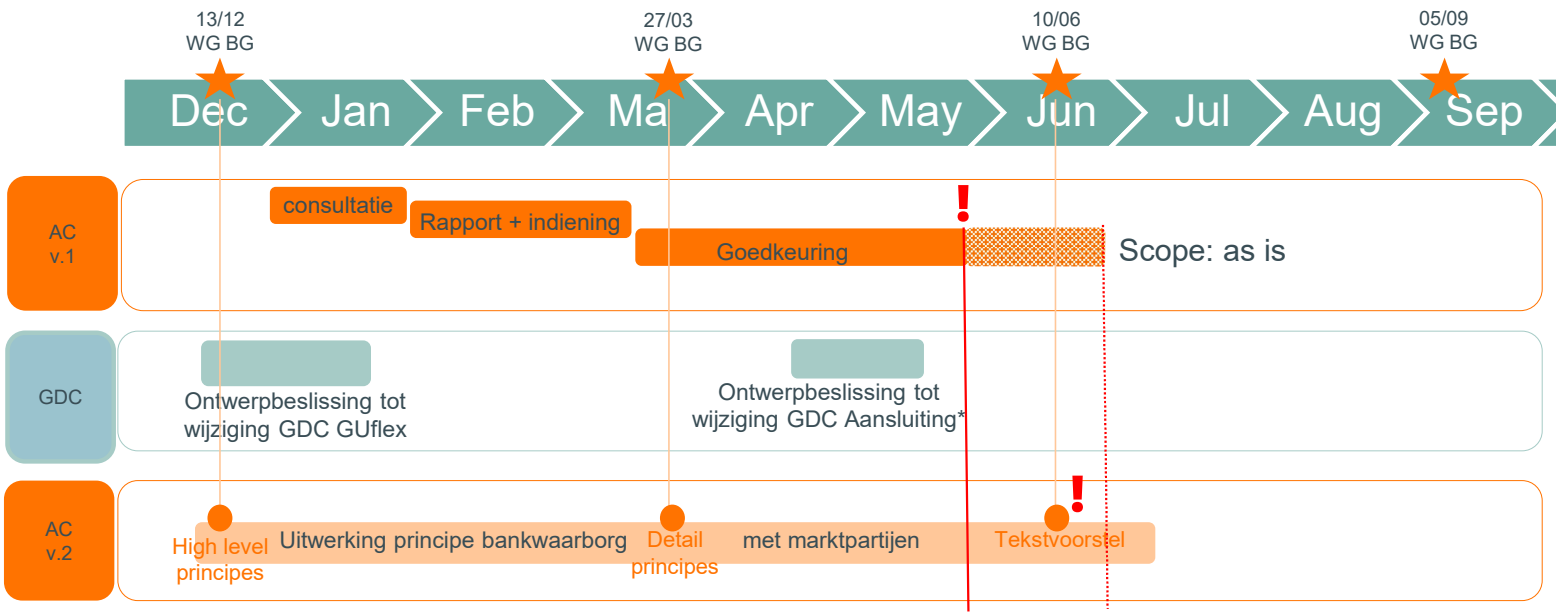
Bankwaarborg

Cindy Bastiaensens

Capaciteitsallocatie - Bankwaarborg

Ambitie: Integratie van het principe, voorwaarden en procedures in v.2 van het aansluitingscontract (samen met principes van GUFlex)



VOORSTEL ELIA:

Art 57 bis: De financiële waarborg voor de toegewezen capaciteit zoals bedoeld in artikel 57 wordt door de aanvrager verleend voor de periode die eindigt bij de effectieve ter beschikking stelling van de capaciteit.

De modaliteiten van deze waarborg worden opgenomen in het type-aansluitingscontract.

! Afhankelijk van goedkeuring v.1

* Aanname Elia op basis van input CREG in ontwerpbeslissing tot wijziging GDC GUFlex – “CREG zal hier begin 2025 werk van maken”

Capaciteitsallocatie - Bankwaarborg

AS IS: there is no payment for the reservation or allocation of the relevant capacity before the related access point comes effectively in service and the allocated capacity is invoiced based on the tariff for Power Put At Disposal (PPAD).

Elia propose to request a bank deposit that has to be paid by the (candidate) Grid User as from the ordering of the realization.

Formula: open for discussion

Original suggestion (design note)

Amount of the deposit = Number of years x MVA x yearly tariff PPAD

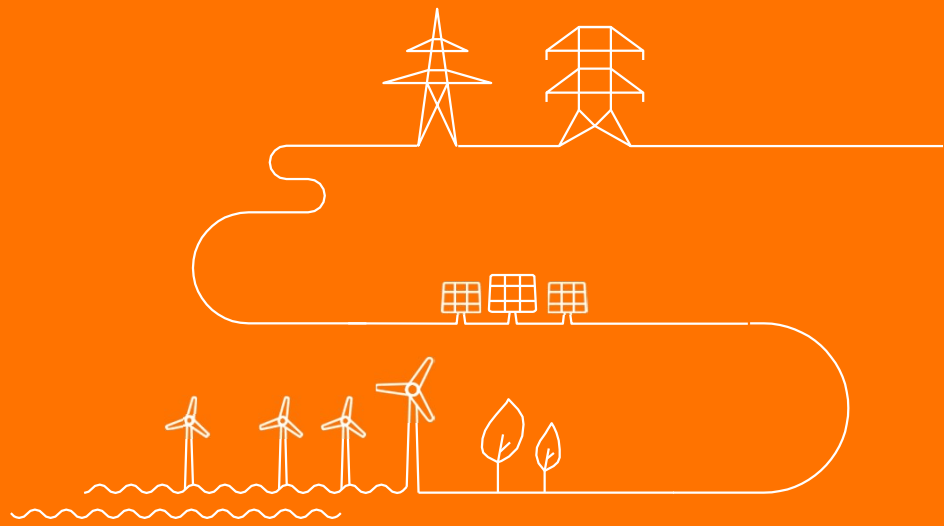
1. If the connection commissioning happens as planned the Grid User is reimbursed for the amounts blocked and the tariff for PPAD is applied.
2. If the realization is abandoned, Elia keeps from the bank deposit the yearly bank deposit amount for the number of years the capacity has been unduly blocked. The rest is reimbursed.
3. If the project is realized but delayed, Elia keeps the yearly bank deposit amount for each full year of delay and reimburses the rest

Capaciteitsallocatie - Bankwaarborg

Based on comments on design note - discussion in WG BG 28/8

- Follow-up by milestones as alternative for bank deposit: partly covered by new connection contract
- Need to adapt the formula (too high)
  - No link with # years (# often determined by time to realize the connection) -> covers stop, not delay
  - No double bank guarantee (CRM, PEZ)
  - For storage: no ‘double’ capacity
  - No link with PPAD f.e. no PPAD for injection
  - ➔ Fixed amount / MVA : 20k€ (//CRM) or lower 10k€ (suggested 28/8)

Thank you.



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Hosting Capacity Map

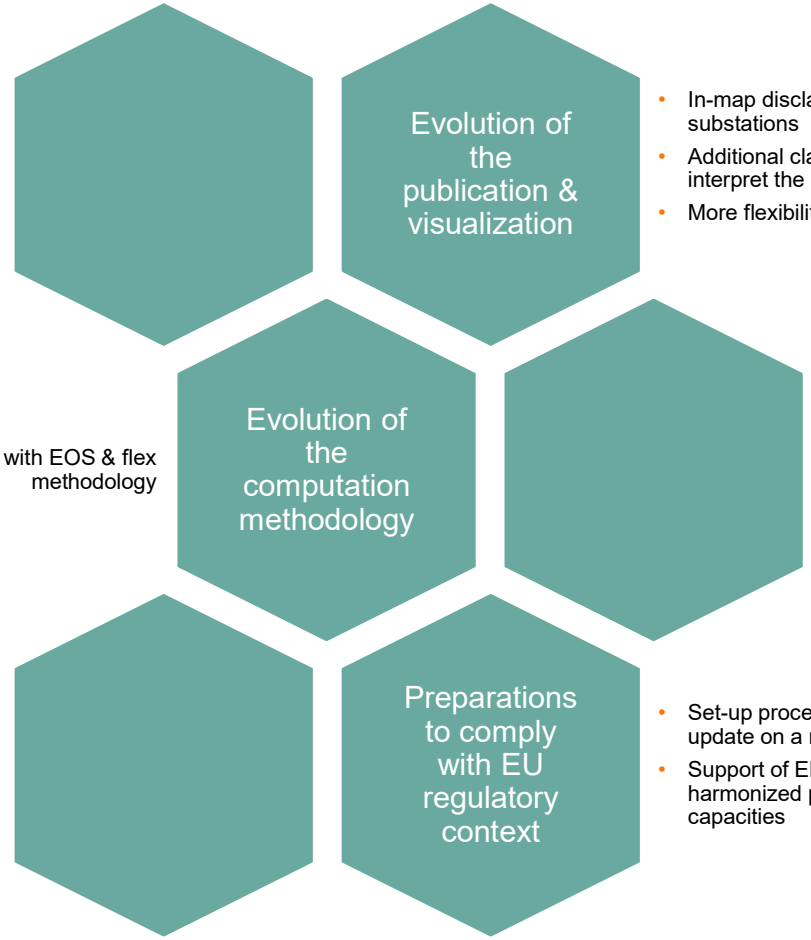
Status December 2024

13/12/2024 | Igor Verbruggen & Jonathan Sprooten

Agenda

- Reminder: Proposed changes for 2024
- Planned changes for end 2025
- Timeline
- Expected results

Planned changes for end 2025



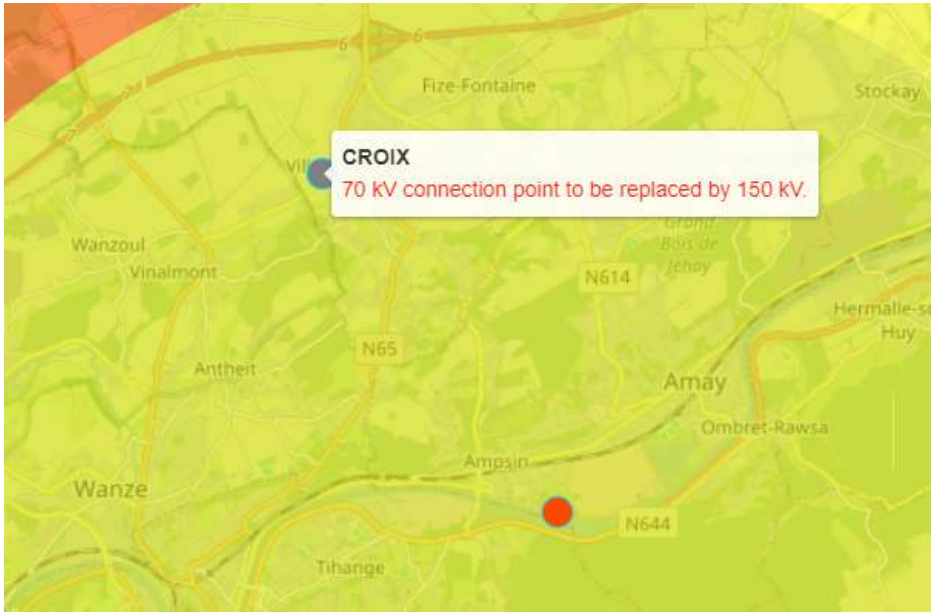
- In-map disclaimer for unavailable substations
- Additional clarifications on how to interpret the map
- More flexibility levels (5%, 10%, 20%)

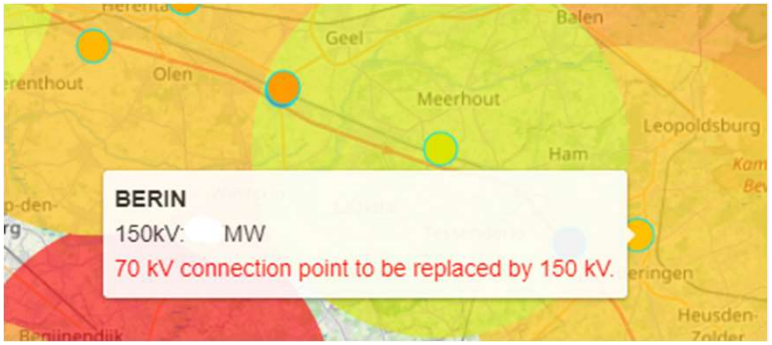
- Further alignment with EOS & flex methodology

- Set-up process to publish a map update on a monthly basis
- Support of ENTSO-e initiative for harmonized publication of hosting capacities

Planned changes for end 2025

Unavailable substations will be shown with an explaining note





Short-term timeline Hosting Capacity Map

EU

Start of discussions ENTSO-e harmonized HC* definition

ENTSO-e survey on HC* definitions

ENTSO-e to publish pan-EU overview of available HC*

Alignment with ENTSO-e requirements

Update

CREG & WG BG validation of scope

Start of 2024 grid study

We are here

Second publication

Evaluation of update capability

Monthly publication to be expected from end January 2025

BE

*HC = Hosting Capacity

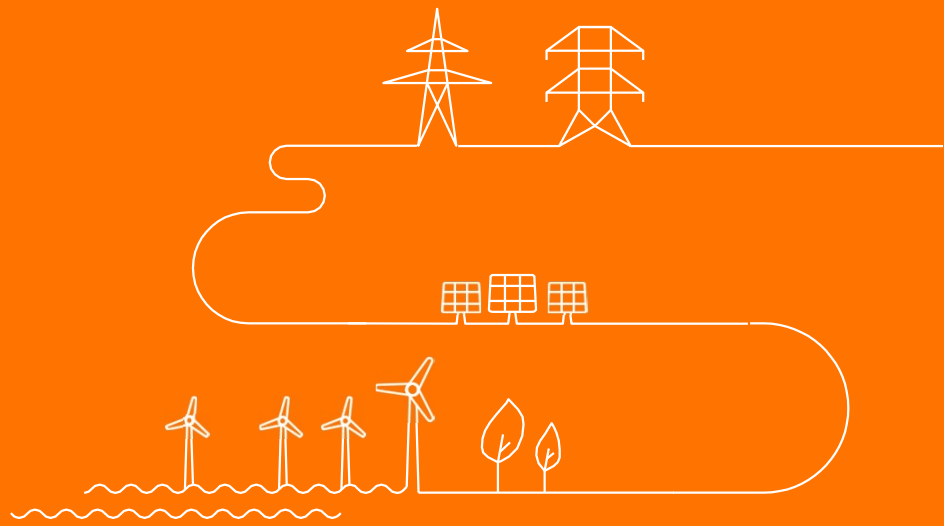
Expected results by end of January 2025

- In 2024, Elia saw a very high number of new reserved and allocated capacities which will have an impact on the remaining hosting capacities.

- The HCM will be published for different time horizons
  - 2027
  - 2031 (situation after commissioning Ventilus & Boucle du Hainaut)

- In addition to the hosting capacity map, Elia will provide information about the quantity of reserved and allocated capacities, the existing capacities as well as a comparison with the capacities considered in the scenarios of evolution of the Belgian energy mix (e.g. Adequacy and Flexibility scenario)

Thank you.



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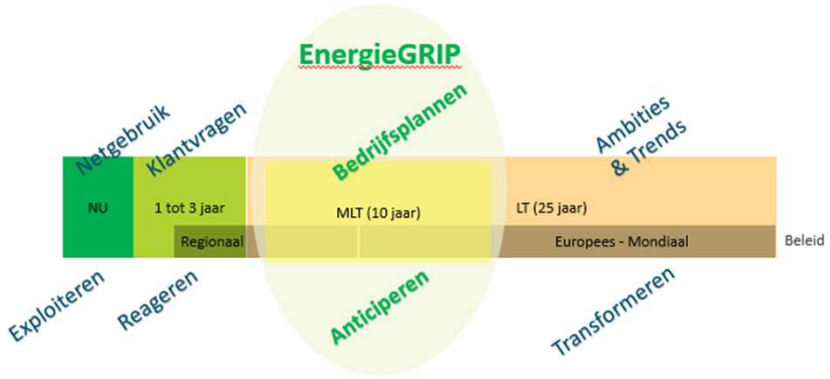
FULLY CHARGED FOR CHANGE

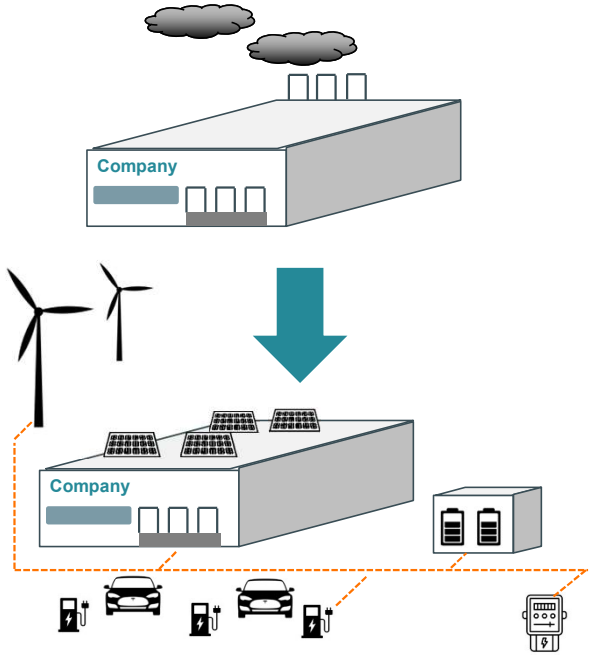
Users Group
13/12/2024

De energie transitie brengt veel vragen met zich mee voor zowel bedrijven als netbeheerders

Netbeheerders willen klantenvragen anticiperen en het elektriciteitsnetwerk zo goed mogelijk voorbereiden



Bedrijven willen maatregelen nemen in functie van economisch voordeel en fiscaliteit en/of om EU of lokale doelstellingen te volgen



Verschil in timing tussen uitbouw infrastructuur (+/- 10 jaar) en investeringsplannen van bedrijven (+/- 3 jaar)

Waar start de decarbonisatie van mijn bedrijf? Met welke assets? Hoe ver kan ik gaan? Wat zal het kosten?

energie GRIP

Samen anticiperen op de energietransitie van de Vlaamse industrie

EnergieGRIP

Elektrificatie

- **Beperken CO2-uitstoot**
- **Toename** in **elektriciteitsverbruik**
- **Anticiperen** op de versterking en uitbreiding van het **energienetwerk**
- Alles aan een zo laag mogelijke kost voor de samenleving

Uitdaging

EnergieGRIP

- Digitaal **platform** om lokale **data** over energie verbruik en transitie te **capteren**
- **Bottom-up data** inzichten

Oplossing

Fase 1

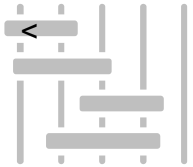
- PoC EnergieGRIP in regio **Bornem** Juni – September
- Business traject voor **lange termijn ambitie** (IT, legal governance, financieel) samen met Athumi
- Enprove **desktop studie**

Try out

EnergieGRIP is een win-win voor iedereen

Richting bepalen en kenbaar maken

Een intern afgestemd energietransitie plan voor doelgerichte investeringen en het kenbaar maken van maatschappelijke noden.

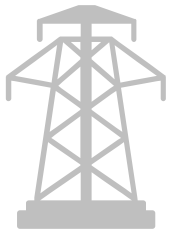


Op tijd geconnecteerd

Hogere zekerheid op beschikbaarheid van netcapaciteit voor de decarbonisatie of nieuwe toepassingen.

Leverbetrouw -baarheid

Verhoog de engergiezekerheid door een beter inschatting. Voorb eeld: callibratie van CRM met betere prognoses.



Beperk nettrarief

Beperkt de netkosten door een gepaste netinvestering, op de juiste plaats en op het juiste tijdstip toe te laten.

Beperk energiekost

Alternatieve oplossingen zoals eigen productie, opslag en flexibiliteit bieden opportuniteiten om de energierekening te beperken.

Le Plan de Puissance

- Pourquoi?
- Pour quel résultat?
- Comment il s'articule?

Le Plan de Puissance

Pourquoi un plan de puissance ?

- **Identifier les besoins** en énergies de la Wallonie liés aux enjeux climatiques
- **Accompagner** le **développement industriel** de la Wallonie

- Deux aspects fondamentaux :

La temporalité
« Qu'est-ce qui doit être disponible quand ? »

La localisation
« Qu'est-ce qui doit être disponible où ? »

Les gestionnaires de réseaux gaz et électricité au travers d'une démarche commune souhaite délivrer une vision globale multi énergies à court, moyen et long termes, cela avec le soutien des ADTs et du Gouvernement Wallon.

Le Plan de Puissance

Comment s'articule le plan de puissance ?

2024	2025				2026	
Q4	Q1	Q2	Q3	Q4	Q1	...

Phase 1 - Communication

Objectif : **communiquer** sur la démarche

- Elle s'articule autour d'Events Clients sur l'ensemble de la Wallonie

Phase 2 - Collecte

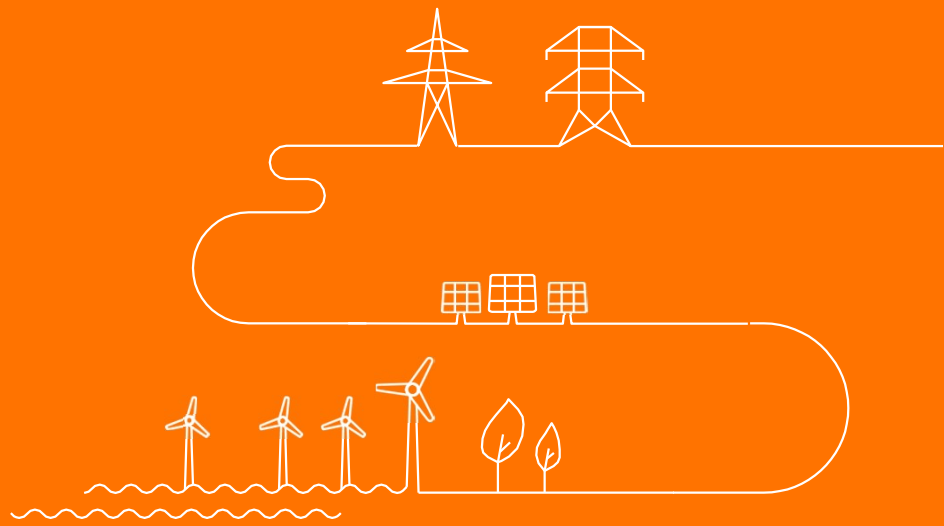
Objectif : vous solliciter afin d'exprimer **vos besoins en énergie** sur les 15 années à venir

- Cette phase prend toute son importance avec votre mobilisation
- Il est important que vous soyez au rendez-vous et que vous exprimiez au mieux vos besoins

Phase 3 – analyse et intégration

Objectif: analyse et **intégration progressive des informations** dans les plans d'investissements respectifs en coordination entre Gestionnaires de réseaux

Thank you.



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1 Liability Regime

Evolution des clauses de responsabilité

- Alignment avec la CREG sur le futur des clauses de responsabilité
- Harmonisation des clauses de responsabilité à plusieurs contrats régulés
- Nécessité d'adapter les montants aux évolutions du marché

Clauses de responsabilité - Overview

Cf. exercice d'harmonisation

=> Le lieu de l'incident ne doit pas avoir d'impact sur l'utilisateur du réseau

=>dispositions similaires

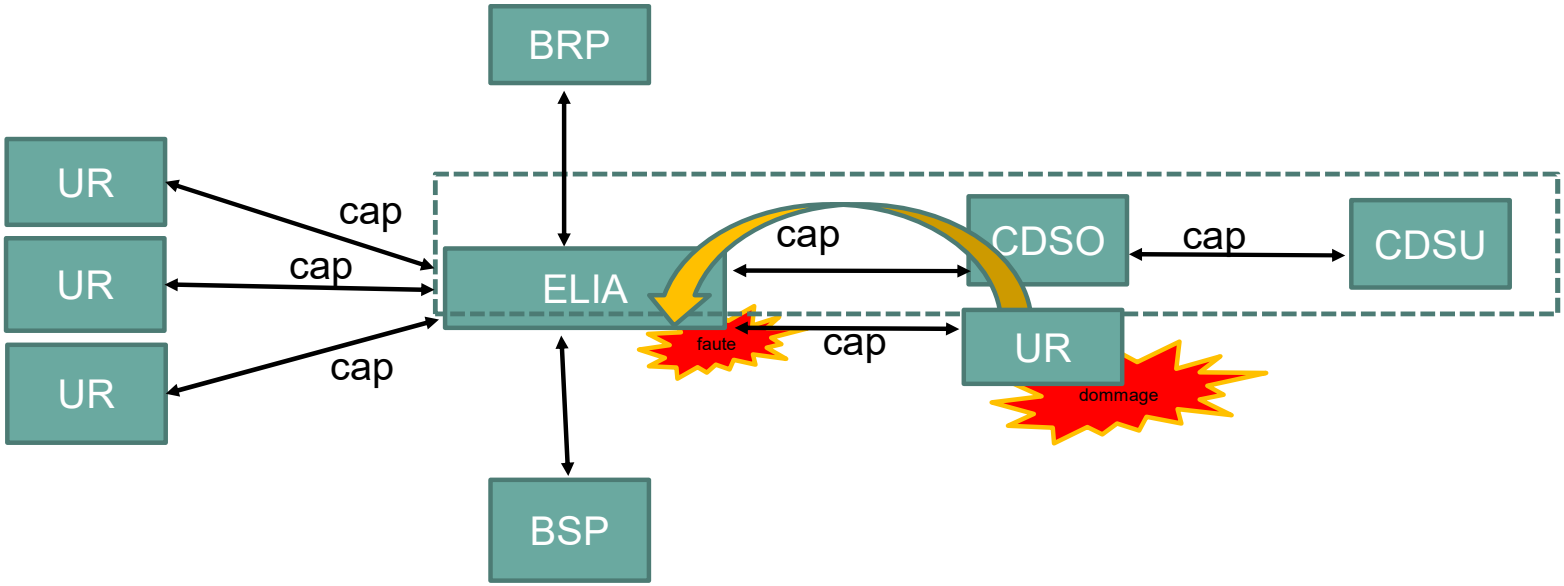
=> Caractéristiques:

- Obligation de limitation des dommages
- Date limite pour la déclaration des réclamations
- Principe d'indexation
- Pas de régime différencié faute moyenne-grave ; Notion d'événement dommageable
- Indemnisation limitée aux dommages directs (matériels et physiques)
- Plafond à la rupture : 300 => 3000€/MWh
- Plafonnement des autres sinistres => 6000€/MW
- Plafond total par sinistre et par an (2,5 M/(global) 5 M)
- Les limitations ne s'appliquent pas en cas de faute intentionnelle ou de fraude
- **Limitations de responsabilité au profit et à l'encontre d'autres UR (en cas de dommages causés à ou par d'autres UR, y compris leurs préposés)**
- Effet des limitations dans les contrats entre NG et les utilisateurs sous-jacents (de par la continuation (doorwerking) des clauses)

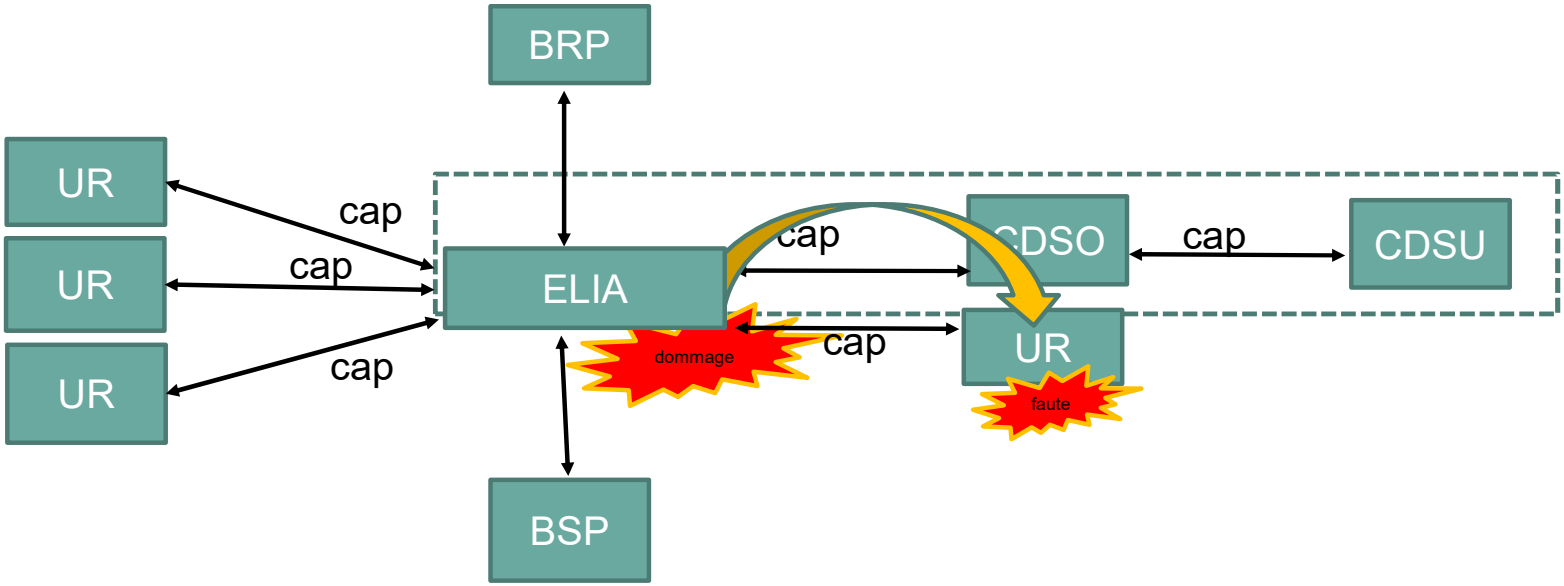
Quid relations indirectes?

- Avec le nouveau code civil, la théorie de la quasi-immunité de l'agent d'execution ne s'applique plus.
- Au contraire, le code civil – de droit supplétif – permet de dévier des principes:
  - ⇒ le contrat vise à obtenir le même effet en travaillant avec la stipulation pour autrui (*qui protège l'autre UR contre un claim du co-contractant*).
  - ⇒ un pas en plus: stipulation à l'encontre d'autrui (*qui limite le claim de cet autre UR contre le co-contractant et protège donc le co-contractant*)
- Donc la stipulation pour et à l'encontre d'autrui dépasse la seule relation Elia - co-contractant et étend l'application des limitations au-delà de cette relation.
- Nécessité de 'continuation' (doorwerking) et de garantie
- Avantages: assurabilité, meilleure gestion des risques et des inconnus.
- Condition: harmonisation des clauses de responsabilité (transparence !)

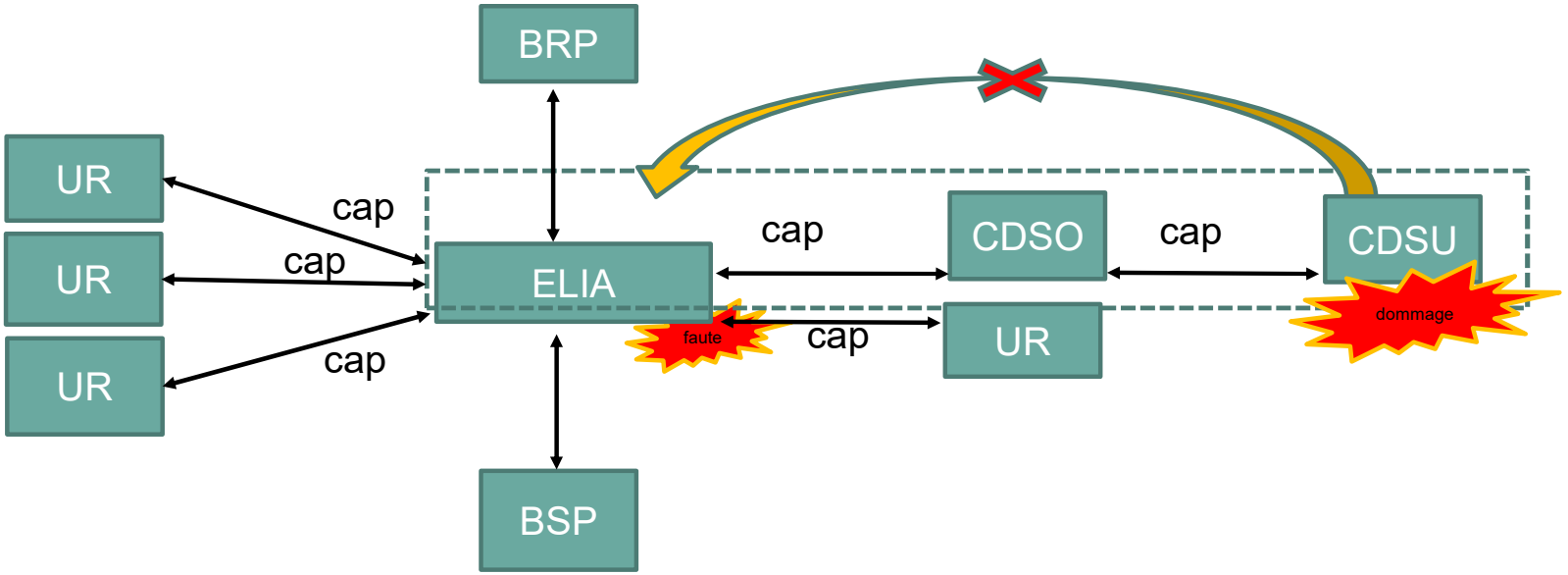
Relations contractuelles (raccordement)



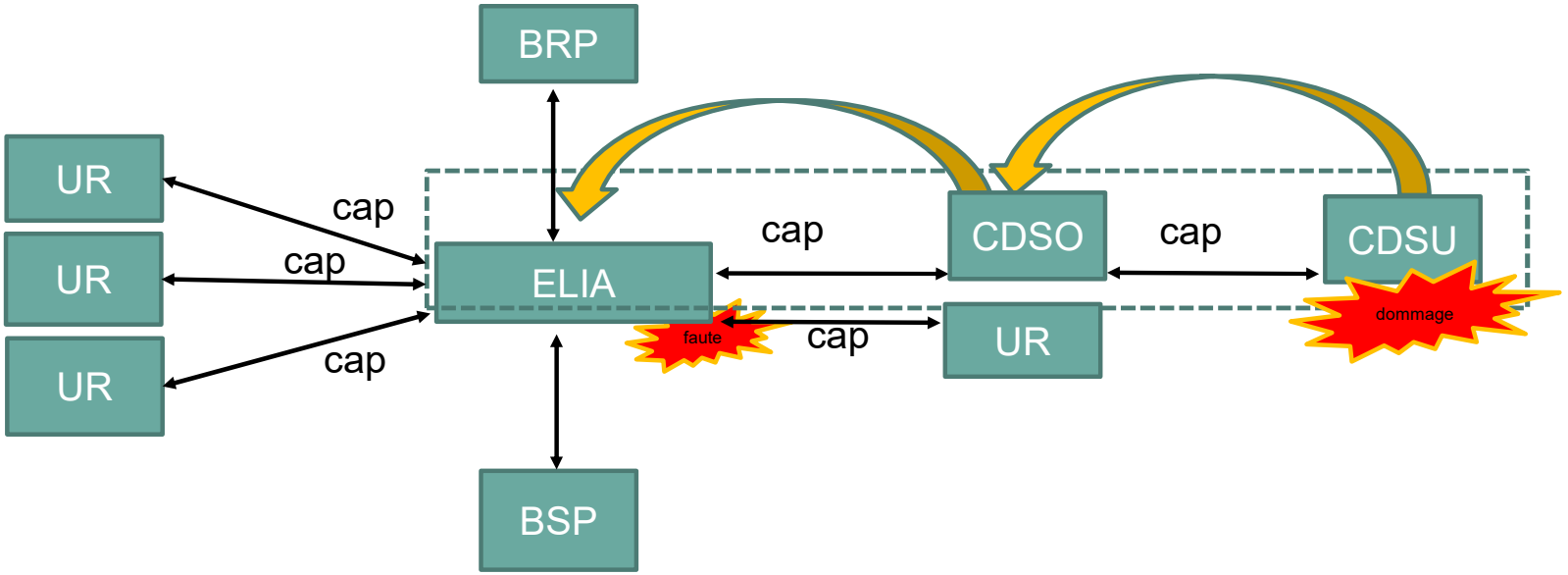
Relations contractuelles (raccordement)



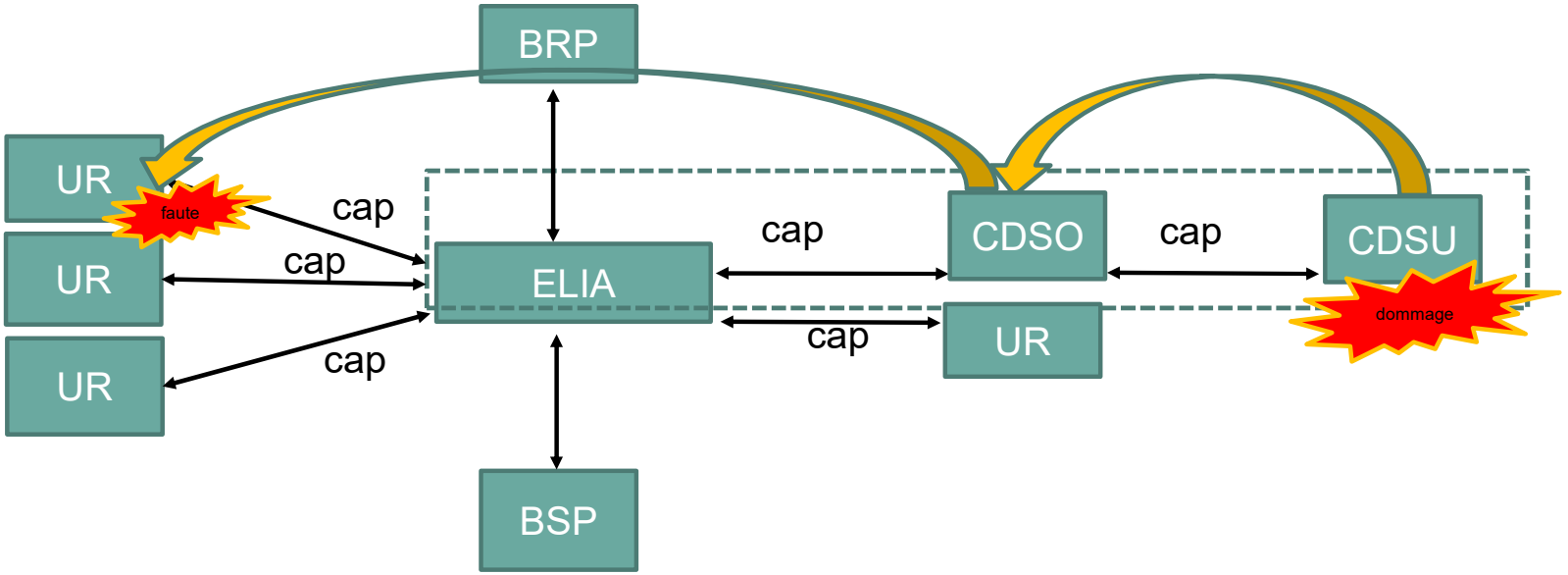
Relations contractuelles (raccordement)



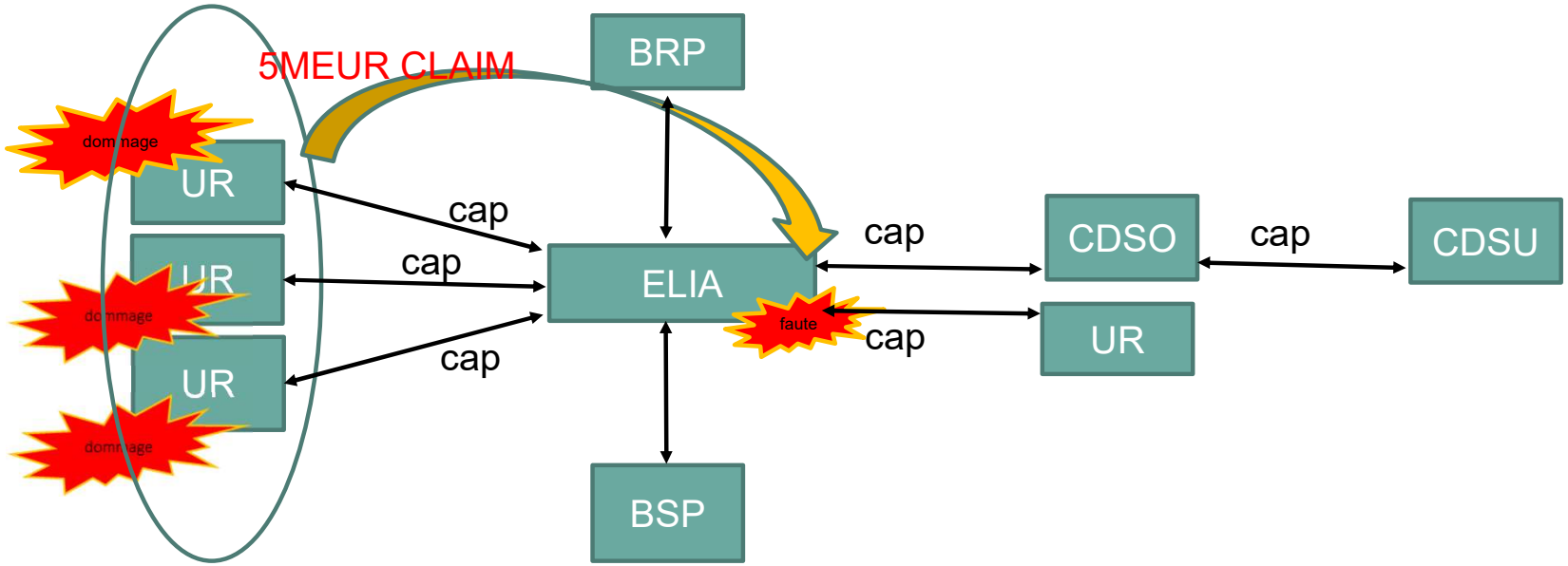
Relations contractuelles (raccordement)



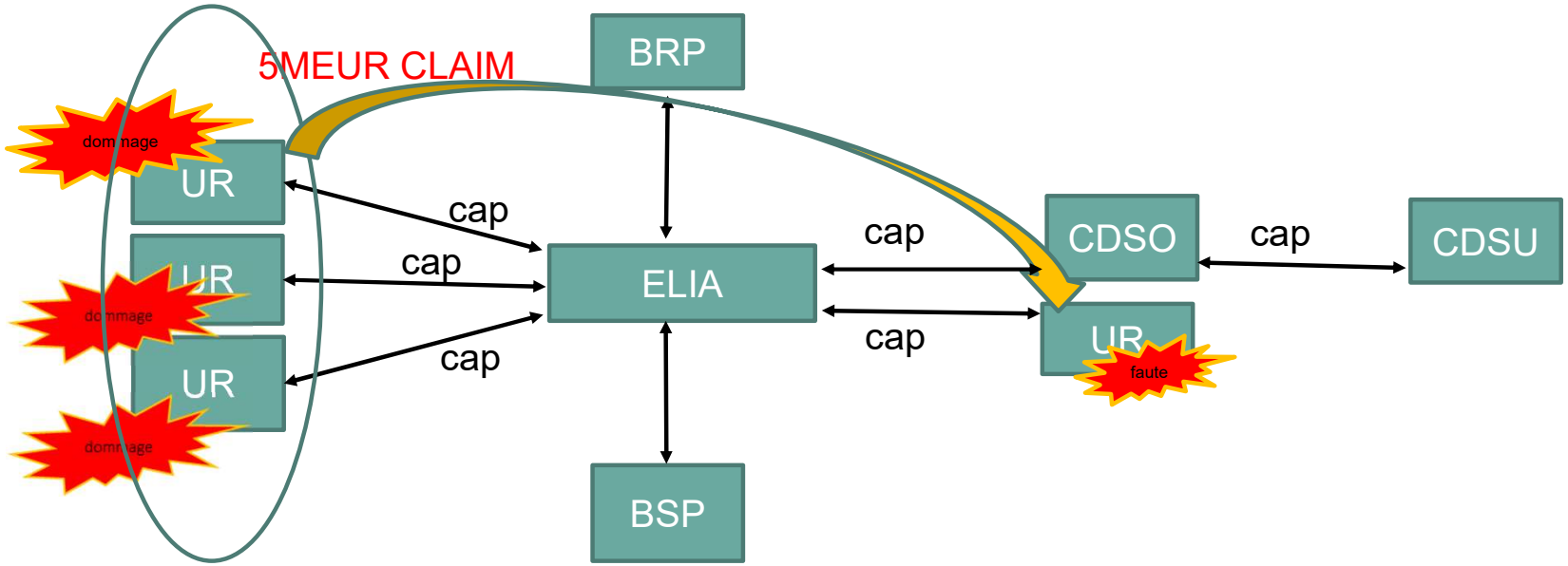
Relations contractuelles (raccordement)



Relations contractuelles (raccordement)



Relations contractuelles (raccordement)



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2. Digitalisatie Netgebruikers - roadmap
3. GUFlex - roadmap
4. Bankwaarborg – 2025
5. Hosting Capacity Map
6. Fully Charged for change – energieGRIP / Plan de Puissance
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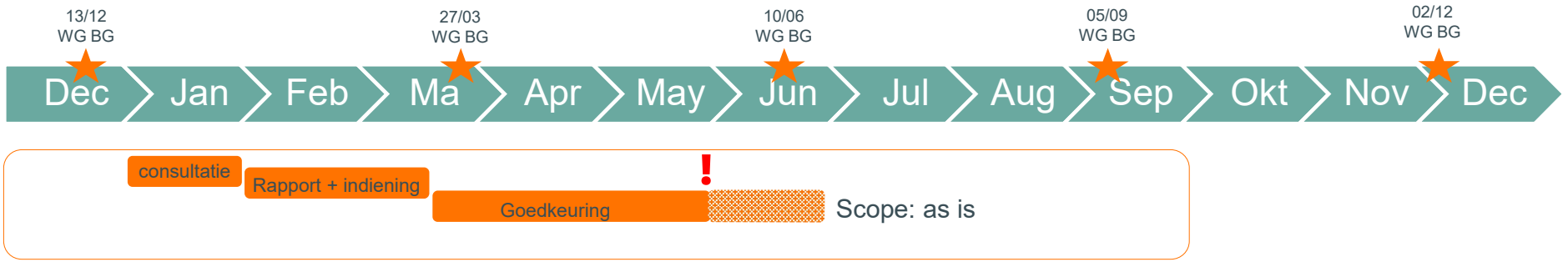
1 Connection Contract

Aansluitingscontract

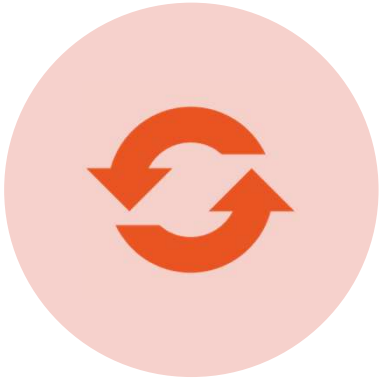
- Timelines
- LFDD
- Aansprakelijkheid: cfr point before
- By article with substantial changes

Timelines


13/12
WG BG
27/03
WG BG
10/06
WG BG
05/09
WG BG
02/12
WG BG
Dec
Jan
Feb
Ma
Apr
May
Jun
Jul
Aug
Sep
Okt
Nov
Dec
consultatie
Rapport + indiening
Goedkeuring
!
Scope: as is

LFDD

KEEP LFDD PROPOSITION INCL THE CDS CASE



LFDD GROUP NOTION WILL BE POSTPONED TO NEXT ITERATION

Main Textual changes (1/2)

Art 1 Def:	**Aansluitingsaanvraag** **HP & SBP** **Verbruiksinstallatie**
Art 4 Verklaringen	clarificatie over verplichtingen betreffende vergunnigen
Art 8.2.2 LFDD verplichtingen : geen groep voor het moment	
Art 11. 2 Betalingsmodaliteiten : 2026=> Peepol	
Art 20.3 Onderhoud: rechte van partijen aan toegang voor inspectie	
Art 23.3 Structurele gegevens: zelfde principe voor Energieopslagfaciliteit: info geven => beoorderling van Risico op vlak van Veiligheid, betrouwbaarheid en efficientie	

Main Textual changes (2/2)

Bijlage 1: Aansluitingsinstallaties ipv Installaties + toevoegen van totaal aansluitingscapaciteit

Bijlage 1 : Energieopslagfaciliteiten ipv Energieopslageenheden

Bijlage 2: flexibiliteit van toegang: vermelding van compensatie/vergoeding

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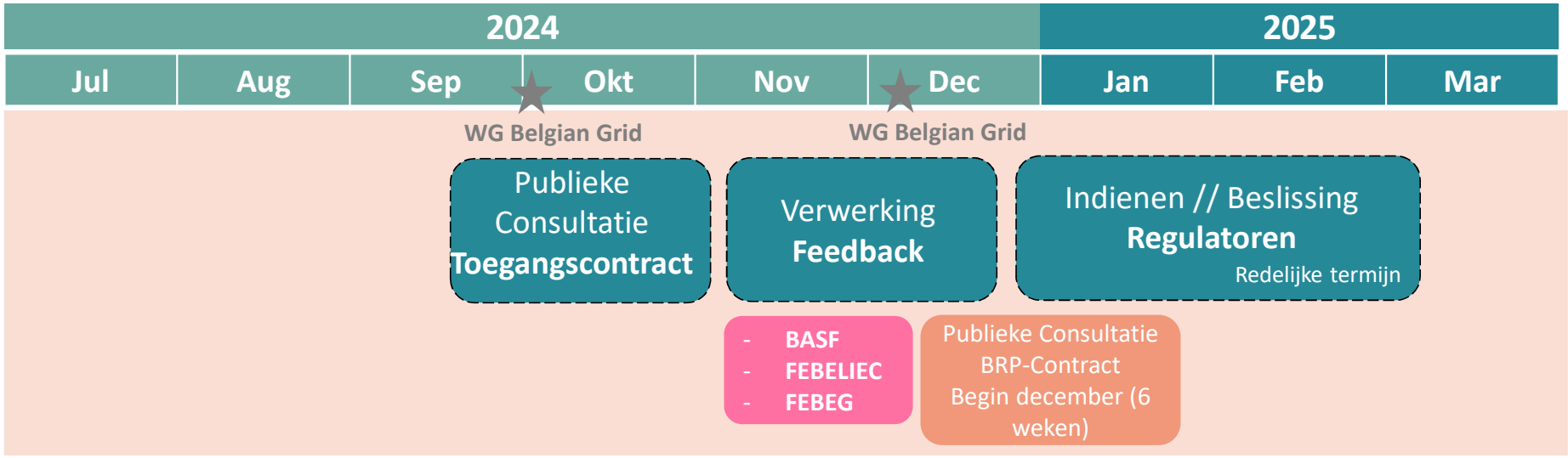
Toegangscontract

Publieke consultatie

13/12/'24 | Eva Heerinckx

Publieke consultatie Toegangscontract: **27 september – 27 oktober**



De ***Letter of Intent*** voor Service Multiple Balance Responsible Parties (xBRP) wordt verlengd en opnieuw ondertekend. Het proces voor de verlenging is momenteel gaande, en de nieuwe vervaldatum is vastgesteld op december 2025.

Belangrijk om te vermelden: de *LoI* vervalt automatisch zodra zowel het Toegangscontract als het BRP-Contract goedgekeurd zijn.

Publieke consultatie Toegangscontract: **voornaamste feedback**

1. Aansprakelijkheidsartikel en de definities gelinkt aan dit artikel
   - ✓ “Aangestelde(n)”
   - ✓ “Directe schade”
   - ✓ “Installaties van de Medecontractant”
   - ✓ …
2. Alignatie Aansluitingscontract
   - ✓ Aanpassingen van de Marktpartijen (n.a.v. publieke consultatie 20/12/’23 – 16/02/’24)
   - ✓ Feedback van de regulatoren
   - ✓ Nieuwe publieke consultatie start December 2025

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1 AOB

Proposed next dates for WGBG in 2025

Use traditional Outlook invite to block the agendas?

Thank you.