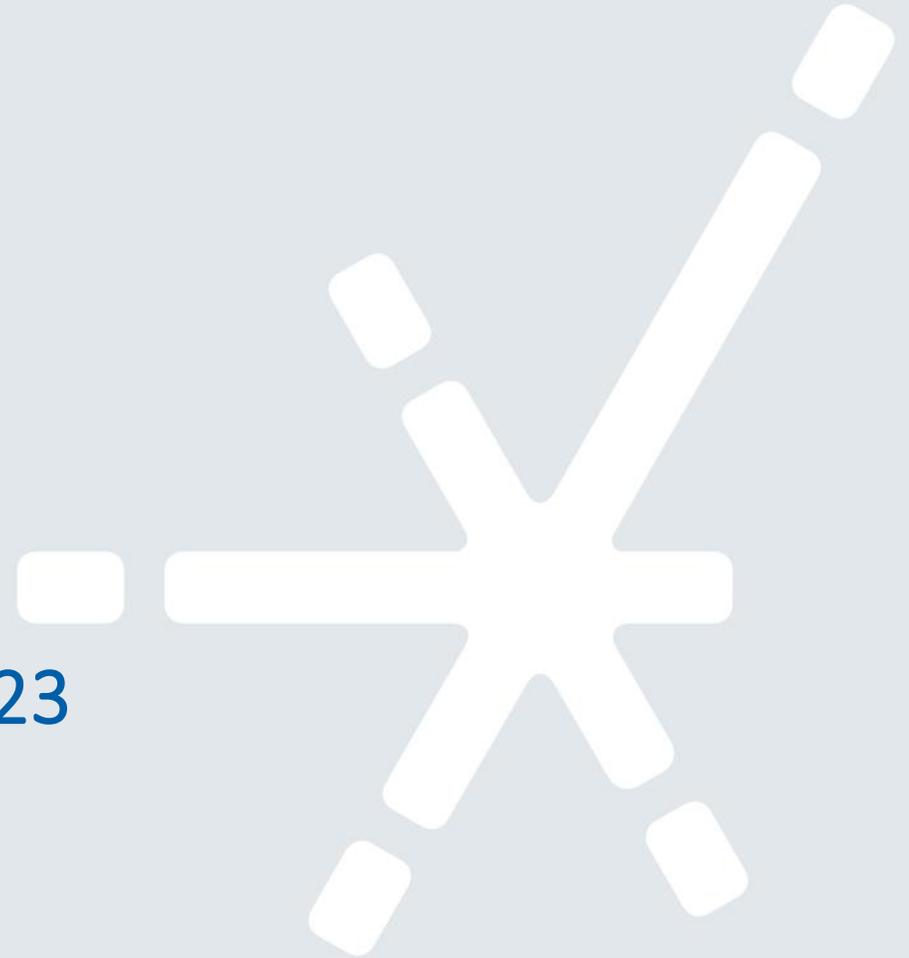




Stakeholdersoverleg / PDG Flex - 21/04/2023



# Product Design Group

## Flexibility 21/04



# Virtual meeting rules

- Please turn off your microphone when you are not intervening
- Questions:
  - Post your questions in the chat (with the slide number if applicable)
  - Raise your hand in teams if you want to intervene
  - Room for Q&A at the end of each topic is foreseen

# Agenda

- Welcome & introduction
- Common ambitions, Roadmap Flex & document releases
- Q&A 1
- Ten-minute break
- Document release 1:
  - Scope
  - High level overview of changes
  - Timing and practicalities of consultation
- Q&A 2

# Common ambitions, Roadmap Flex & document releases



# Flex @ Synergrid

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- Participation DSO & TSO common Flex-journey governed by Synergrid.
- Participators as Datamanager :
  - Arewal
  - Elia
  - Fluvius
  - Ores
  - Resa
  - Sibelga

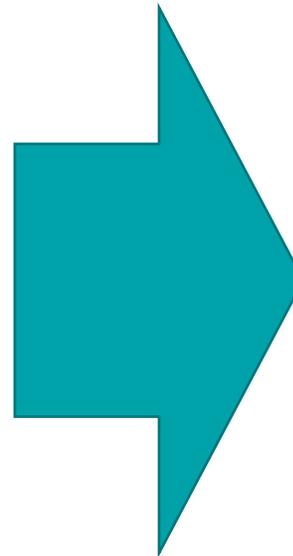
# TSO/DSOs: Data Mgt and common operationalization

## Role Data Manager

- Activity datamanager DSO/TSO grid as described in regulation.
- Scope limited to access and delivery points on own grid

Activities (inter alii) :

- Collect, manage and validate metering/measurement data
- Mgt and validation of structural, technical and relational data
- Provide necessary data to other SOs for grid mgt and operational safety
- Provide necessary data to other market parties to execute tasks or to facilitate market
- Mgt of Access register
- Mgt of Flex Access and Activation register
- Calculate flexibility volumes, incl. for Transfer of Energy (ToE)
- Facilitate innovative services & products in line with GDPR



- Some data mgt activities for delivery points connected to distribution and PVN/local transmission grid are **operated via common platforms** such as
  - **FlexHub**
  - **RTCP**
- Activities are governed via **Operational Agreement (cf. SOK)**

# Scope Roadmap Flex

- **Roadmap Flex:** Activities wished for upcoming months on the products FCR, aFRR/mFRR & CRM (FRP: Elia), splitted in
  - **Initiatives on Short Term (Q2 2023):** Ongoing Initiatives decided to conduct under Synergrid
  - **Initiatives on Mid Term (by end of 2023):** Initiatives for which scope, business case & planning are not yet validated and for which no certainty exist if and when they will be conducted. Progressive insight and consultation are key. Examples given:
    - Transfer of Energy:
      - Scope of application, relevancy and application of principle of individual vs aggregated compensation
      - Applied solution for Transfer of Energy, use of Exchange of Energy Blocks (EoEB)
    - Flex on Main meter or submeter
    - Necessity baselining
  - **Other Initiatives:** Initiatives depending of Flex-Roadmap or Initiatives of which Flex-Roadmap is dependent, including IoE.
- **“Roadmap Flex” is Flexible... Evolution in function of new regulations, new Flex products,...**

# Flex Roadmap 2023 – short term (by Q2 2023)

## FCR

- Design and implement changes to make current implementation of FlexHub/RTCP ecosystem & business processes scalable to accommodate towards 20k DPs
- Move asset register FCR to production & improve performance Flex-portal
- This includes tooling, business processes, resources

## aFRR

- **Fast Track aFRR LV w/o ToE:** opening aFRR service to LV to extend the current service catalogue towards higher volumes
- Temporary solution and will evolve after Fast Track. Service catalogue based on “no ToE”, current setup local/central gateway, individual data, AMR and Digital Meter mandatory with SMR3 if available
- Conditions for participation are described in Terms of Reference (ToR) and will be documented in MG Flex, C8-01 and DSO-FSP contract (cfr next agenda topic)

## mFRR

- **For MV: test feasibility of alternative ToE process** applying individual compensation using EoEB to provide input for decision on application of current (AS IS) or alternative ToE process for MV
- **For LV: investigate whether to apply ToE.** If yes, whether to apply current (AS IS) or alternative ToE process (also in function of legal framework and feasibility test above)

## CRM

- CRM functioning rules (incl. LV) for Y-1 tender (Oct '24) and ~~Low Carbon tender (Oct '23)~~

# Flex Roadmap 2023 – mid term (by end 2023)

## FCR/a/mFRR

- Design and implement changes to make current implementation of FlexHub/RTCP ecosystem & business processes to be ready to have accommodate > 20k DPs. Includes tooling, business processes, resources

## aFRR

- Based on experience from Fast Track LV, outcome of study on need of ToE for LV and outcome of feasibility study with alternative ToE process

→ **prepare for aFRR with alternative ToE on MV/LV in 2024** (subject to regulatory framework) :

- scalability of tools & processes
- product design aFRR
- service catalogue with for aFRR on MV/LV on (semi-)regulated (sub)meters

## mFRR

- Based on outcome of study on need of ToE for LV and outcome of feasibility study with alternative ToE process

→ **prepare for mFRR with alternative ToE on MV/LV in 2024** (subject to regulatory framework):

- scalability of tools & processes
- product design mFRR
- service catalogue with for mFRR on MV/LV on (semi-)regulated (sub)meters

## CRM

- Design and implement changes/tooling to accommodate CRM business processes for LV (subject to legal framework)

# Document Release

- Risk:
  - Continuous updates of documents, leading to
    - Individual documents out of sync
    - Multiple (parallel?) consultations
    - Higher time to market of documents
- Mitigation:
  - Bundle changes into Document Releases
  - Limited annual number of Document Releases
- 2023:
  - Doc Release 1: consultation 21/4-2/6 (see next topic on agenda)
  - Doc Release 2: planning to be defined (after summer)

# Q&A



# Document release 1



# Consultation of 'document release' flexibility

## Scope

- Scope for current document release
  - aFRR LV
  - CRM new functioning rules
  - FCR LV: pool updates via csv (FCR asset register in Flex Data Hub)
- Considered documents
  - Market guide flexibility – part of consultation
  - C8/01 (document on NFS) – part of consultation
  - FSP-DSO contract – part of consultation
  - C8/02 (document on mFRR & SDR) – not affected (no ToE for CRM)
  - C8/06 (technical requirements aFRR) – no changes needed for defined scope

# Consultation of 'document release' flexibility

## Overview of changes for aFRR LV

- Remove limitation on voltage level (> 1kV) → FSP-DSO contract
- Quarter values must be used in the allocation (SMR3)\* → FSP-DSO contract
- CCC is not needed for low-voltage → FSP-DSO contract, C8/01, MG Flex
- NFS is also applicable for low-voltage → C8/01, MG Flex
- Only 1 SDP-Flex at headpoint level for low-voltage → MG Flex
- Best effort for SLA's LV → MG Flex

*\* Unless not yet supported by the DSO or specified otherwise by regional legislation*

# Consultation of 'document release' flexibility

## Overview of changes for CRM

- Update process NRP computation → MG flex
- Pre-delivery monitoring → MG flex
- Secondary market → C8/01
  - No exemption for NFS result when trading obligations
- Shift to MG Flex → FSP-DSO contract, MG flex
  - Information on operational processes
  - SLA communication

# High level overview changes

## MG Flex

New version of MG Flex -> version 1.1

Goal: update MG Flex with recent changed processes

Most important changes:

### 1. CRM

Determine NRP: adapted process flow

Pre-delivery control added

Format added on how to request NRP calculation

# High level overview changes

## MG Flex

### 2. aFRR LV: included changes from Terms of Reference (ToR)

Only 1 SDP-Flex at headpoint level

Only NFS (no CCC) required for aFRR LV

SLA's LV: Best effort

### 3. FCR

POC finished => removed from MG Flex

Format to request FCR LV added

### 4. Split MV/LV

Added as scope in Product overview table

Added as scope in process steps where relevant

# High level overview changes

## MG Flex

### 5. Pool Update

Info on how to request per product

### 6. FSP-DSO contract

Template Identification delivery point: moved from FSP-DSO contract to MG Flex

Template Pool: moved from FSP-DSO contract to MG Flex

### 7. Market parties, roles and responsibilities

New chapter created including diagrams

# High level overview changes

## C8-01

1. Definitions of the Flemish Energy Decree prevail
2. Referral to MG Flex for:
  - when qualification via C8-01 is required
  - Procedure of pool updates
3. CCC: only applicable for voltage level  $> 1$  kV
4. NFS requests:
  - SLA alignment with MG Flex (5 instead of 10wd)
  - Template updated: alignment with LV and referral to MG Flex (see above)
5. No exemption for NFS result when trading obligations

# High level overview changes

## FSP-DSO contract

1. Reference to the Definitions of the Flemish Energy Decree
2. Referral to MG Flex for:
  - Procedure of pool updates / Delivery point identification
  - Qualification
  - Notification of activation
  - Data quality requirements
3. Move to MG Flex:
  - Annex 2: Request Identification of new SDP-F
  - Annex 3: Pool update
4. Changed liability limits

# High level overview changes

## FSP-DSO contract

5. Referral to FRP for combinability rules
6. Contract parties must acknowledge and apply MG Flex
7. Internal shift from annex to contract (articles)
  - Qualification procedure via C8/01 (art. 5)
  - Requested flex power may not exceed the prequalified power (art. 6)
8. aFRR LV
  - Remove limitation on voltage level ( $> 1\text{kV}$ )
  - Quarter values must be used in the allocation
9. CRM
  - Update according new functioning rules

# Consultation of 'document release' flexibility

## Consultation of stakeholders

- Stakeholder meeting (this event)
- Formal consultation
- Publication of consultation report, including SO handling of each comment

# Consultation of 'document release' flexibility

## Planning formal consultation

- Six weeks consultation:

- Start consultation: 21/04 15u00
- Closing of consultation: 02/06 18u00

- Consultation via tool Synergrid website:

<https://www.synergrid.be/nl/documentencentrum/openbare-raadpleging> or <https://www.synergrid.be/fr/centre-de-documentation/consultation-publique>

- Only responses received via tool on website will be taken into account

# Consultation of 'document release' flexibility

## Consultation tool

### Antwoordformulier

Naam \*

Bedrijf \*

Email \*

Zichtbaarheid antwoord in consultatie rapport \*

Kies een zichtbaarheid



### Formulaire de réponse

Nom \*

Société \*

Courriel \*

Visibilité des commentaires \*

Choisir une visibilité



# Consultation of 'document release' flexibility

## Consultation tool

**Comments**

Bestand \*

Kies bestand >

Sectie \*

Kies bestand >

Comment type \*

Kies comment type >

Voorstel tot gewijzigde tekst

Opmerking

+ -

**Commentaires**

Fichier \*

Choisir le fichier >

Rubrique \*

Choisir le fichier >

Type de commentaire \*

Choisir le type de commentaire >

Proposition de texte modifié

Justification - Commentaire

+ -

# Q&A

