



Bundesnetzagentur

Data Accessibility – Regulatory Perspective – Review of KORRR

Thomas Hölzer

CEER Webinar on Data Accessibility #2 System Data
17.02.2021



www.bundesnetzagentur.de



1. Context & history of KORRR
2. Main content of KORRR & recalling NRAs' RfA
3. Conclusions & next steps

Context & history of KORRR



- **KORRR =**
Key Organisational Requirements, Roles and Responsibilities related to data exchange:
→ a methodology according to Art. 40(6) System Operation GL
- **All EU TSOs' proposal** developed by ENTSOE, reviewed & ultimately **approved by NRAs**
- Definition of **a common framework** for **data exchange** between parties mainly **for operational security analysis of the electric system**
- Complements the GLDPM* (Art. 16 CACM, referring to data exchange up to D-1) by including data exchange up to **real time**
- KORRR establishes a minimum level of **harmonization**, but also provides sufficient **room for national / regional specificities** and **details** on data exchange among parties as provided by SO GL

- **Art. 40(5) SOGL:**

TSOs to determine **data exchange applicability & scope** (in coordination with DSOs/SGUs) & NRAs to approve it nationally

[→ for instance done by BNetzA for DE on 20.12.2018]



- **Art. 40(6) SOGL: KORRR = EU methodology**



- **Art. 40(7) SOGL:**

TSOs to agree with DSOs on **processes & format** for data exchange (incl. on DS/SGU data, if necessary); **no NRA approval required** *[→ for instance done & published by TSOs in DE in March '19]*





All TSOs

Public Consultation

1st draft KORRR
31.10.-1.12.
Workshop 15.11.

Draft KORRR

of 27.2.
submitted by
TSOs to NRAs

**Amended
KORRR** of 1.10.
submitted by
TSOs to NRAs

**National
Implementation
& Monitoring**
(1st ENTSOE survey
in Q4/20)

Q4/2017

Q1/2018

Q3/2018

Q4/2018

2019 - today

All NRAs

**Informal
feedback &
suggestions** on
1st draft KORRR
13.12.

**Draft
KORRR**
received by
last NRA
6.4.

**Request for
Amendment**
23.7., last
nat'l decision
4.9.

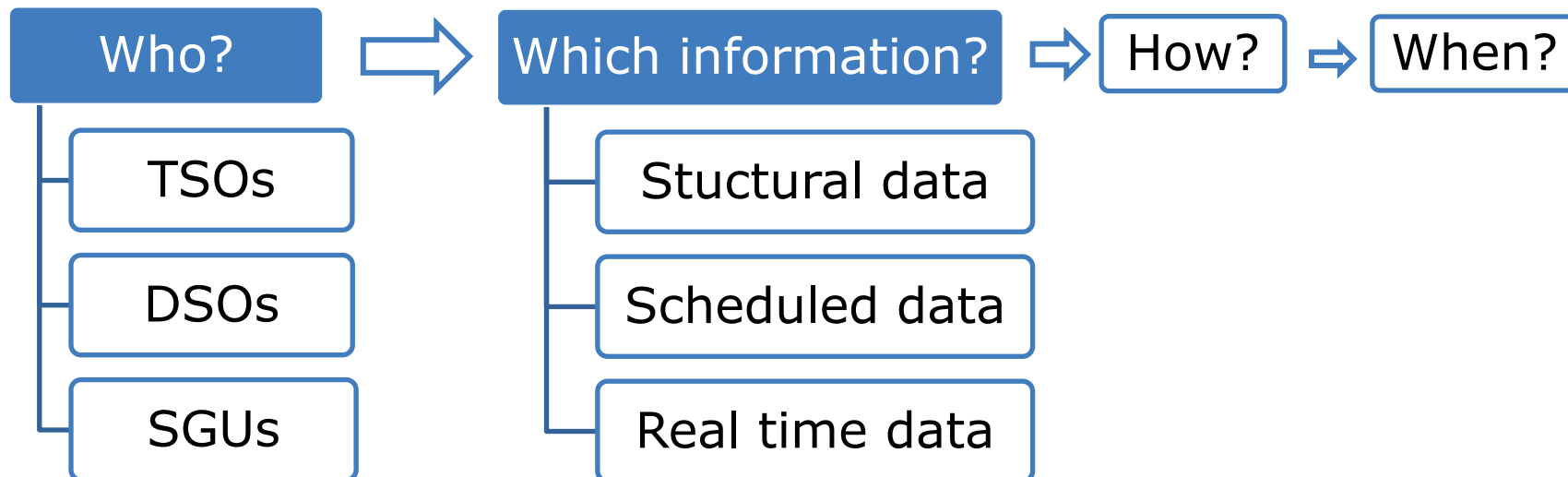
**Amended
KORRR**
received by
last NRA on
20.11.

NRA agreement
of 19.12. to
nationally
approve KORRR
by 21.1.19

14.9.17 SO GL
entry into force

Main content of KORRR & recalling NRAs' RfA

- KORRR establishes rights & responsibilities on data exchange



- **TSO \leftrightarrow TSO** direct communication
(on changes in protection settings, thermal limits, technical capacities at interconnectors)
 - **DSO \rightarrow TSO**
 - **DSO \leftrightarrow DSO**
 - **SGU \rightarrow TSO/DSO**
- } information on changes in data
(pursuant to Title 2 „Data Exchange“ of the SO GL)



Approved final KORRR included all points made by NRAs in their **Request for Amendment** in Q3/18, such as:

- **specifying cases** for sharing **confidential data** among TSOs
- removing hurdles for **reciprocity** of data exchange
- TSOs to share un/planned **unavailability** of **network elements** with SGUs
- list & format for content of **Real Time data** to be published by TSOs
- limiting **review** of **structural data** to connected SGUs (and not all PGMs)
- readapting **advance notice period** for changes in structural data to 3 months
- including SGUs in **coordination** of **format specification** for structural data exchange
- other changes to improve clarity & accuracy

Conclusions & next steps



- ✓ **KORRR provides some harmonisation, but also sufficient room for national specificities in relation to data exchange between TSOs/DSOs/SGUs**

(flexibility e.g. on data exchange models (direct/cascading), TSO/DSO relationship, data granularity / quality checks, responsibility for communication links etc.)

- **Implementation is key!**

As ENTSOE's initial Implementation Monitoring (IM) in Q4/20 shows (→ cf. ENTSOE presentation), national implementation of KORRR and of Art. 40(5) & (7) SO GL requirements is (still) not yet completed by all TSOs

- **Request**: Individual IM results (per TSO) to be shared by ENTSOE with ACER/NRAs
- **Proposal**: ACER / NRAs to follow up on implementation monitoring



Thank you for your attention!
Do you have any questions?

Thomas Hölzer
Project Leader SOGL KORRR

0049 228 14 5370
Thomas.Hoelzer@bnetza.de