

Network Code Demand Response CE4EUislands #4

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Brussels

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Establishment of DSO Entity in June 2021 – a united voice for DSOs in the EU

An EU association legally mandated by EU Regulation 2019/943



A body of cooperation and expertise between all DSO in the EU

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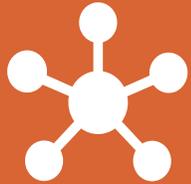
“ Art. 52.1: Distribution system operators shall **cooperate at Union level through the EU DSO Entity**, in order to promote the **completion and functioning of the internal market for electricity**, and to promote optimal management and a coordinated operation of distribution and transmission systems.

”

900+ DSOs
connecting 2
50 million
customers in
the EU

- DSO – TSO cooperation
- Network Codes & Guidelines
- Facilitating demand side flexibility and users access to market
- Facilitating integration of RES
- Digitalising the DSO systems
- Data management/cybersecurity

DSO Entity is the main European organisation for representing DSOs



Network Codes & Guidelines

Participates in drafting of Network Codes and Guidelines relevant for DSO grids

- Joint proposal with ENTSO-E on **Network Code Cybersecurity (14/1/22)**
- **Upcoming Network Code Demand-side Flexibility**
- **Review of existing network codes**



DSO/TSO cooperation

Promotes optimal and coordinated planning and operation of DSO/TSO networks

- **MoU** with ENTSO-E (DSO-TSO work plan)
- Cooperation on **Network Codes**
- Joint initiative on **Vision 2050**



Sharing best practice

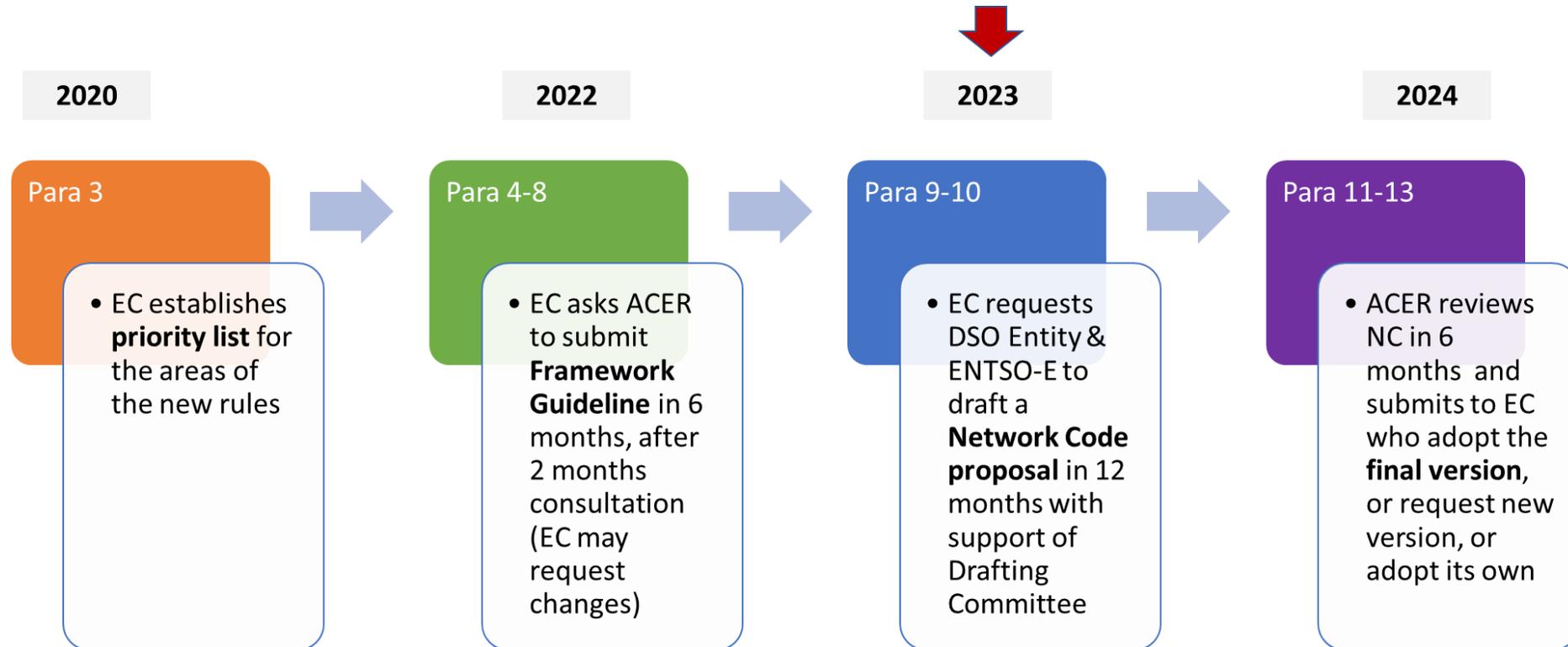
Expert Groups and forum provide expertise and enable exchange of views

- **Various forms of knowledge sharing** with DSO Entity's members
- Via **project teams** (e.g. events, expert tables)
- **DSO radar reports**

The NC DR will help to unlock flexibility

- Following the entry into force of the **Clean Energy Package**, the DSO Entity and ENTSO-E have been tasked to develop a **new Network Code on Demand Response**.
- The overall aim is to provide an EU-framework for the **integration of technology-agnostic distributed flexibility** in transmission and distribution-related services for the overall benefit of consumers and contributing to **decarbonization goals**, by:
 - Simplifying **market access** requirements such as registration and prequalification procedures, and the definition of aggregation models;
 - Establishing principles for the **market design** for congestion management and voltage control services;
 - Facilitating the standardisation of **products** for these services at national level;
 - Enhancing the framework for **cooperation between TSOs and DSOs** by ensuring access to the necessary data from each other and from grid users to operate the system.
- The Network Code will be complemented by **national terms, conditions and methodologies**.

Timeline



- The [Public consultation on NC DR](https://consultations.entsoe.eu/markets/public-consultation-networkcode-demand-response/) took place from 29 September to 10 November 2023.
 - Second public workshop on the NC Demand Response took place on 13 October 2023.
- <https://www.entsoe.eu/events/2023/10/13/dso-entity-entso-e-public-workshop-on-network-code-for-demand-response/>

Stakeholder involvement

- Timely and **transparent communication** about discussions in the Development Team
- Support required from stakeholders to ensure that the text to be submitted **reflects the requirements of all major parties:**
 - Drafting Committee
 - Modelled on the **ACER Expert Group**
 - Public consultation
 - Stakeholder workshops

Questions and Answers



DSO
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DSOs FOR EUROPE

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Thank you!

