

The background of the slide is a dark blue image of a globe with glowing blue energy lines and nodes connecting various points across the continents, symbolizing a global energy network.

## *Regional Cooperation of TSOs in the EnC*

Workshop – Session 1

6 July 2023, Vienna

# Recap: The new EnC Electricity Integration Package

## ➔ Full market integration of EnC CPs into the EU internal electricity market enabled

- Decisions of the Ministerial Council in Dec 21 and Dec 22 incorporated 9 acquis completing the legal framework for electricity markets (full alignment with EU) with the deadline for transposition by 31 December 2023.
- Basic principles:
  - Reciprocity between EnC CPs and neighboring EU MSs ensured
  - ACER mandated to take decisions on the interconnections between EU MSs and EnC CPs
  - ENTSO-E responsible to perform tasks concerning the Contracting Parties
  - Scope: binding on CPs & neighboring EU MSs defined in Article 27 of Energy Community Treaty
- Emphasis on regional cooperation of TSOs

Focus of this session/workshop

**Electricity Regulation 2019/943**

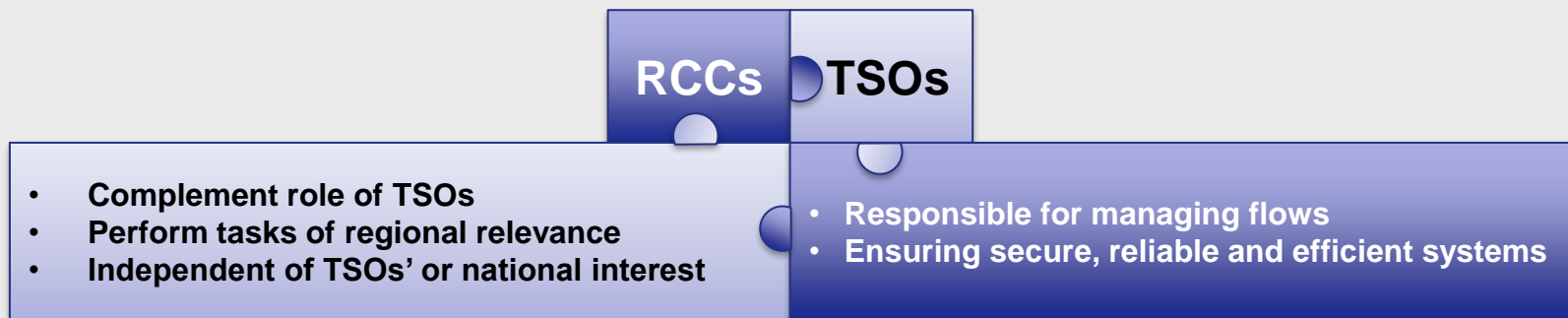
**CACM Regulation 2015/1222**

# ***TSOs and their cooperation*** (Art. 28 Electricity Regulation)

- TSOs shall cooperate at EnC level through ENTSO-E to
  - promote the completion and functioning of the internal market for electricity;
  - promote cross-zonal trade; and
  - ensure optimal management, coordinated operation and sound technical evolution of the European electricity transmission network.
- If CP TSOs are not members, they shall conclude agreements with ENTSO-E to cover the costs of the tasks performed by ENTSO-E related to them.
- Costs related to activities of ENTSO-E shall be borne by TSOs and taken into account in the calculation of tariffs.
- NRAs shall approve those costs if reasonable and proportionate.

# Regional cooperation of TSOs (Art. 34/35/36 Electricity Regulation)

- TSOs shall establish regional cooperation covering different geographical areas, so-called **system operation regions (SORs)**.
- TSOs shall participate in **regional coordination centres\* (RCCs)**. In case the control area of the TSO is part of various synchronous areas, it may participate in two RCCs.



(\*) RCCs shall have a legal form referred to in Annex II to Directive (EU) 2017/1132.

# System operation regions and RCCs *(Annex IV&V Electricity Regulation)*

## Shadow SEE SOR

- BZ borders between CPs - RCC in EU MS or CP
- BZ borders between MSs and CPs - RCC in Thessaloniki (Greece) or Munich (Germany); unless all concerned neighboring EU TSOs agree to RCC in CP & decision according to Art. 35(1) of EU Electricity Regulation is adopted until expiry of transposition deadline

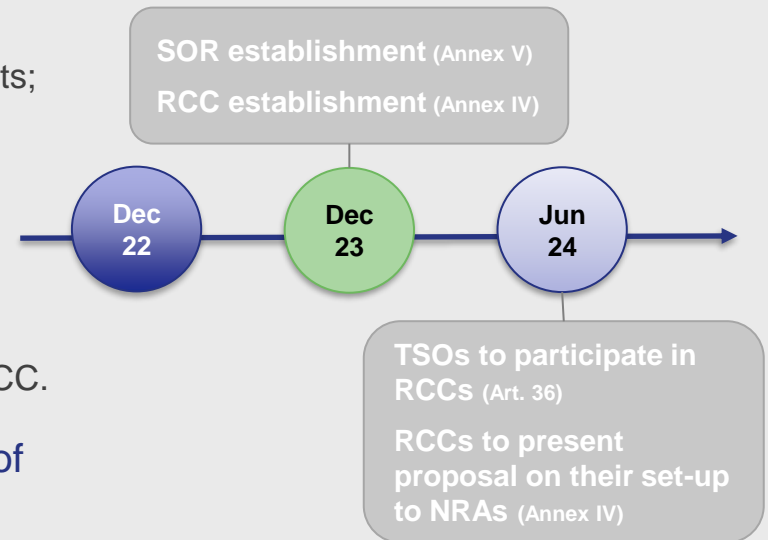
## Eastern Europe SOR = RCC(s) for Central Europe SOR

- Adjustments to SORs: proposal by ENTSO-E according to Art. 36(1) of EU Electricity Regulation (ACER decision)
- Adjustments to RCCs: proposal of all TSOs of SOR according to Art. 35(1) of EU Electricity Regulation (decided upon by relevant NRAs)



# Implementation of RCCs (Art. 36 & Annex IV Electricity Regulation)

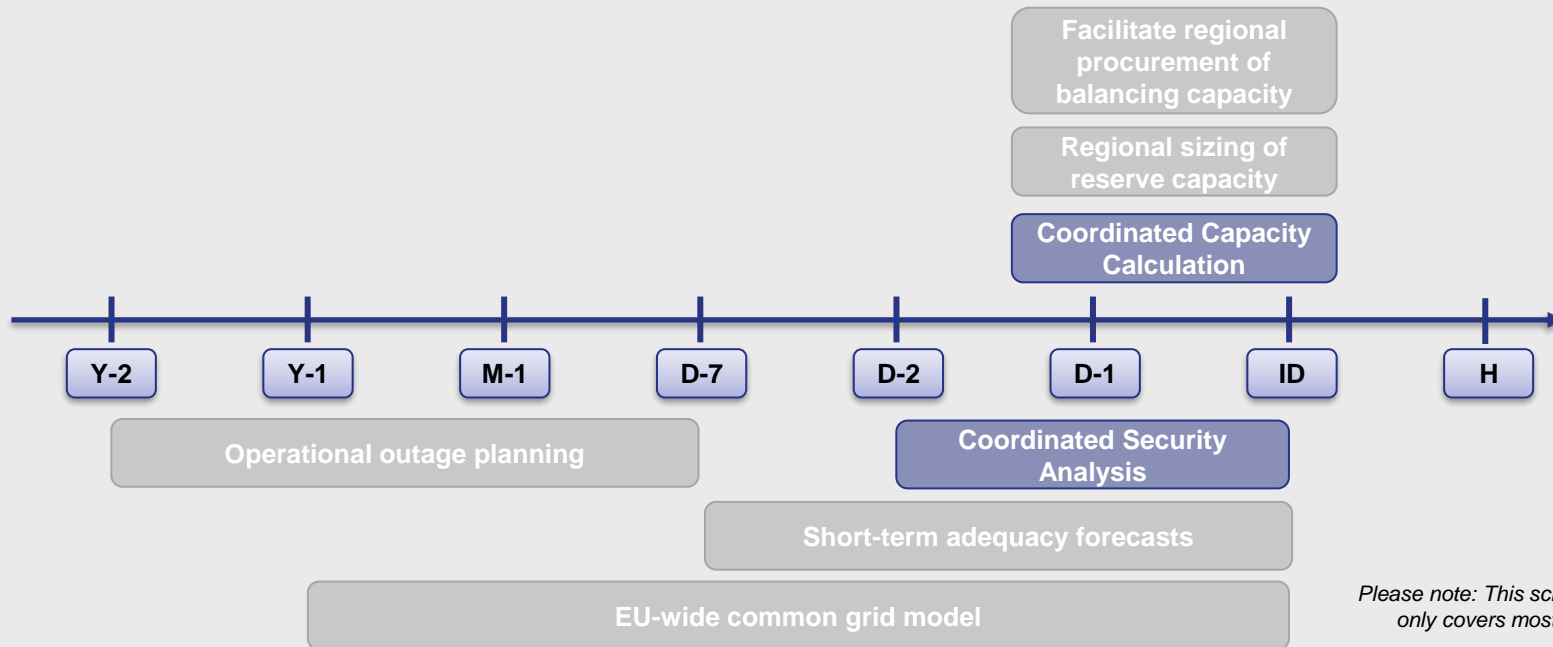
- RCCs' proposal on their set-up (6 months after establishment) shall include
  - organisational, financial and operational arrangements;
  - implementation plan for entry into operation;
  - statutes and rules of procedure of RCCs;
  - description of cooperative processes; and
  - description of arrangements concerning liability of RCC.
- Where activities of RCCs overlap in a SOR, TSOs of SOR to decide either for one RCC or for task(s) performed on a rotational basis in cooperation.



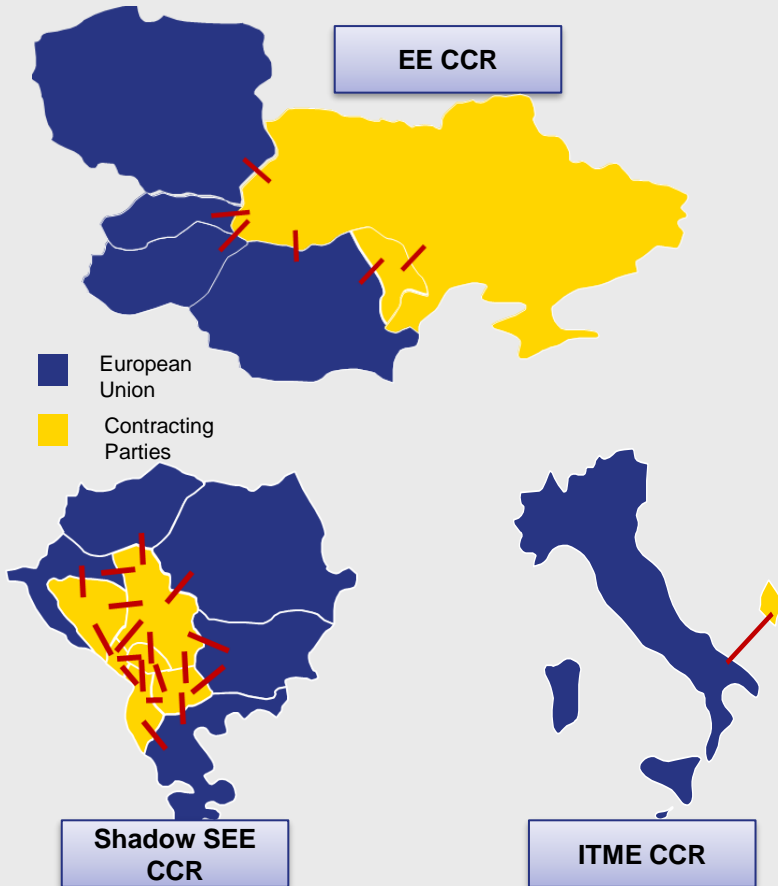
● MC Decision on adoption ● Deadline for transposition

# RCC tasks (Art. 37 & Annex I Electricity Regulation)

- RCCs shall carry out tasks of regional relevance and cooperate with RCCs carrying out tasks in the same SOR.
- Tasks of RCCs not yet covered by NCs/GLs: performed based on methodology proposed by ENTSO-E and approved by ACER according to Art. 37(5) EU Electricity Regulation.



# Capacity calculation regions (CCRs)

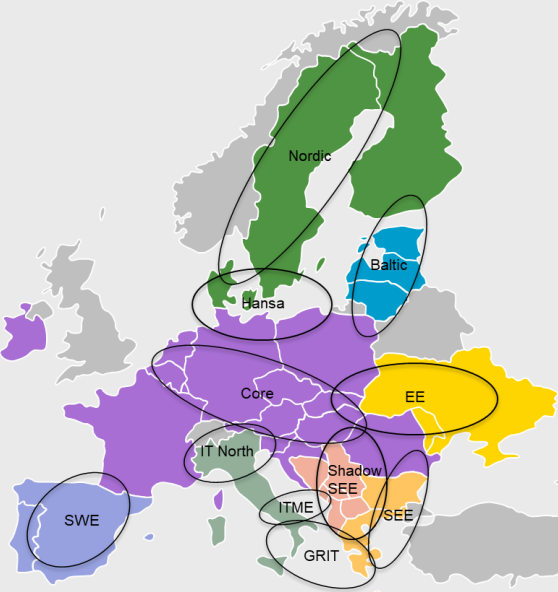


- EC and Athens Forum confirmed that EnC CACM Annex I established new CCRs covering both BZBs between CPs and BZBs between CPs and MSs.
- ACER's proposal to include all EnC CCRs in CCR definition according to Art. 15 of EU CACM by means of an all TSOs proposal to amend relevant TCM (together with next amendment in autumn) was welcomed.
- TSOs of established EnC CCRs should submit a proposal for a **common coordinated capacity calculation methodology** and start working on the conclusion of the legally required **cooperation agreements** as soon as possible.

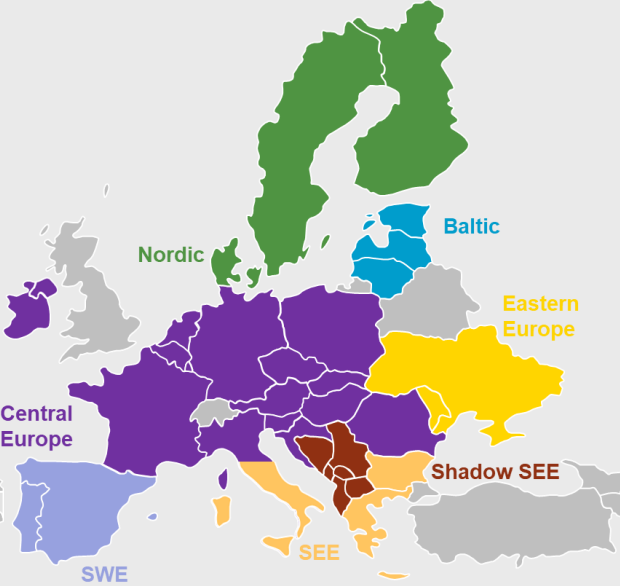


# Status Quo - Regional TSO Cooperation across Europe

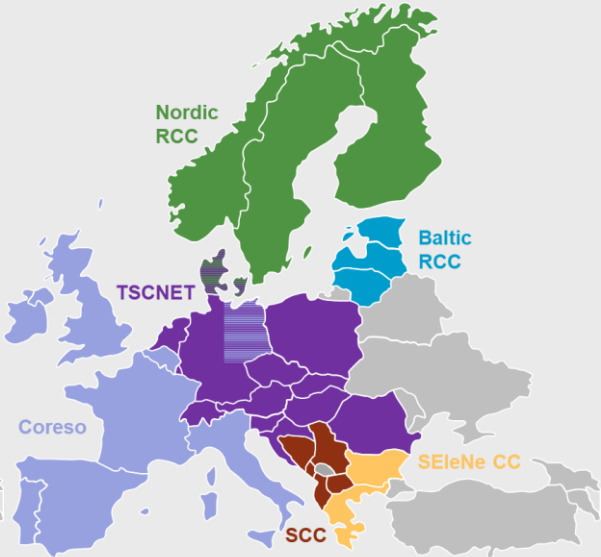
11 CCRs



7 SORs



5 RCCs + SCC



The background of the slide is a satellite-style image of the Earth at night, showing city lights. Overlaid on this is a complex network of glowing blue lines and nodes, representing a global energy or communication network. The lines connect various points across the globe, with some nodes appearing as bright blue circles.

*Thank you  
for your attention!*

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# Legal framework

2021

[Decision 2021/13/MC-EnC](#)

[Directive \(EU\) 2019/944  
\(Electricity Directive\)](#)

[Regulation \(EU\) 2019/941  
\(Risk Preparedness\)](#)

2022

[Decision 2022/03/MC-EnC](#)

[Procedural Act 2022/01/MC-EnC on Regional  
Market Integration](#)

[Regulation \(EU\) 2019/943 \(Electricity  
Regulation\)](#)

[Regulation \(EU\) 2019/942 \(ACER Regulation\)](#)

[Regulation \(EU\) 2016/1719 \(FCA\)](#)

[Regulation \(EU\) 2015/1222 \(CACM\)](#)

[Regulation \(EU\) 2017/2195 \(EB GL\)](#)

[Regulation \(EU\) 2017/1485 \(SO GL\)](#)

[Regulation \(EU\) 2017/2196 \(E&R NC\)](#)

[Energy Community Acquis in force](#)