

ENTSO-E Operational Planning and Scheduling Network Code

in the context of ACER's framework guidelines and the objectives of the 3rd package

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ENTSO-E Operational Planning and Scheduling Network Code*

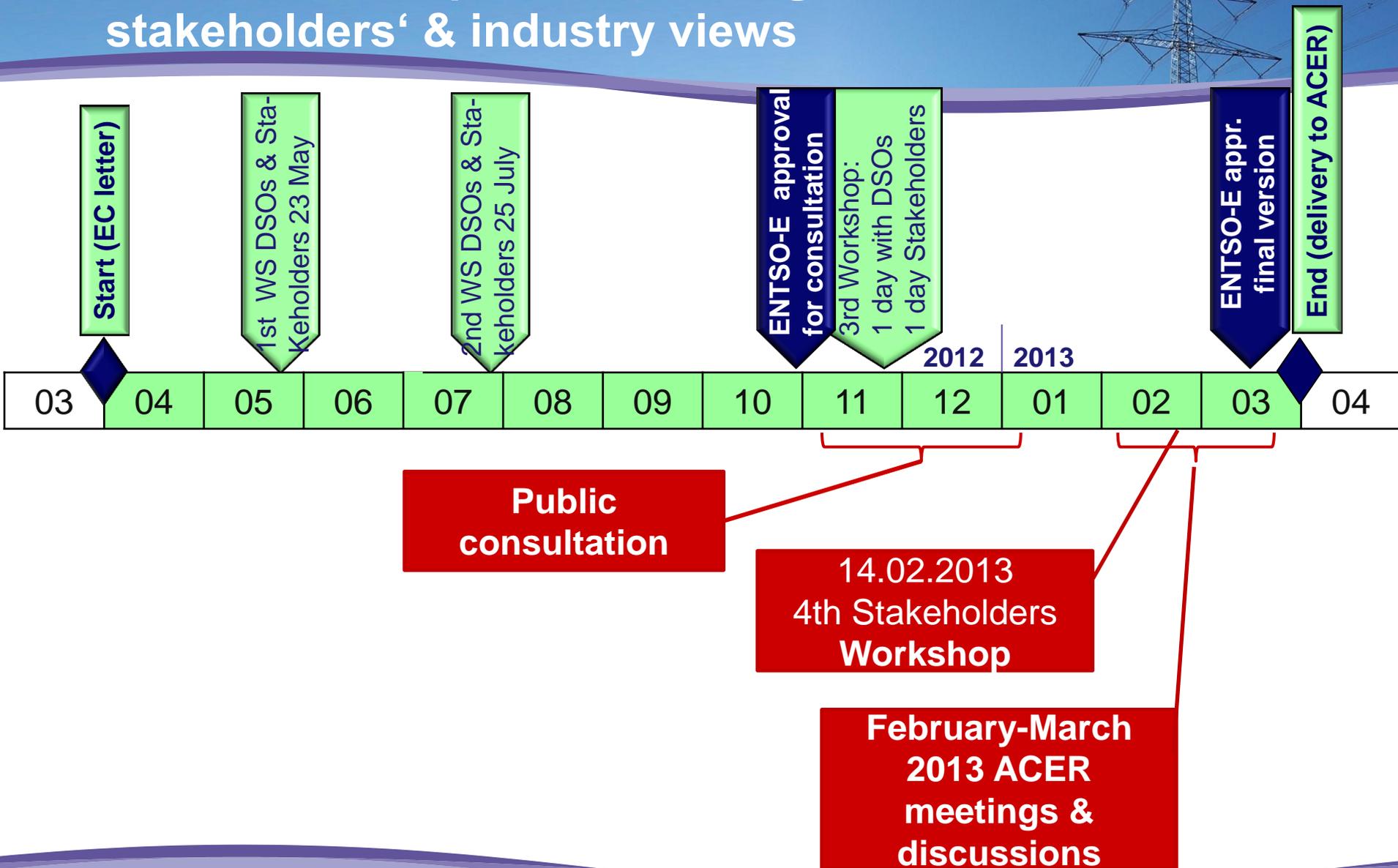
**ACER workshop on NC OPS
26th April 2013, Ljubljana**

NC OPS development & integration of stakeholders' and industry views

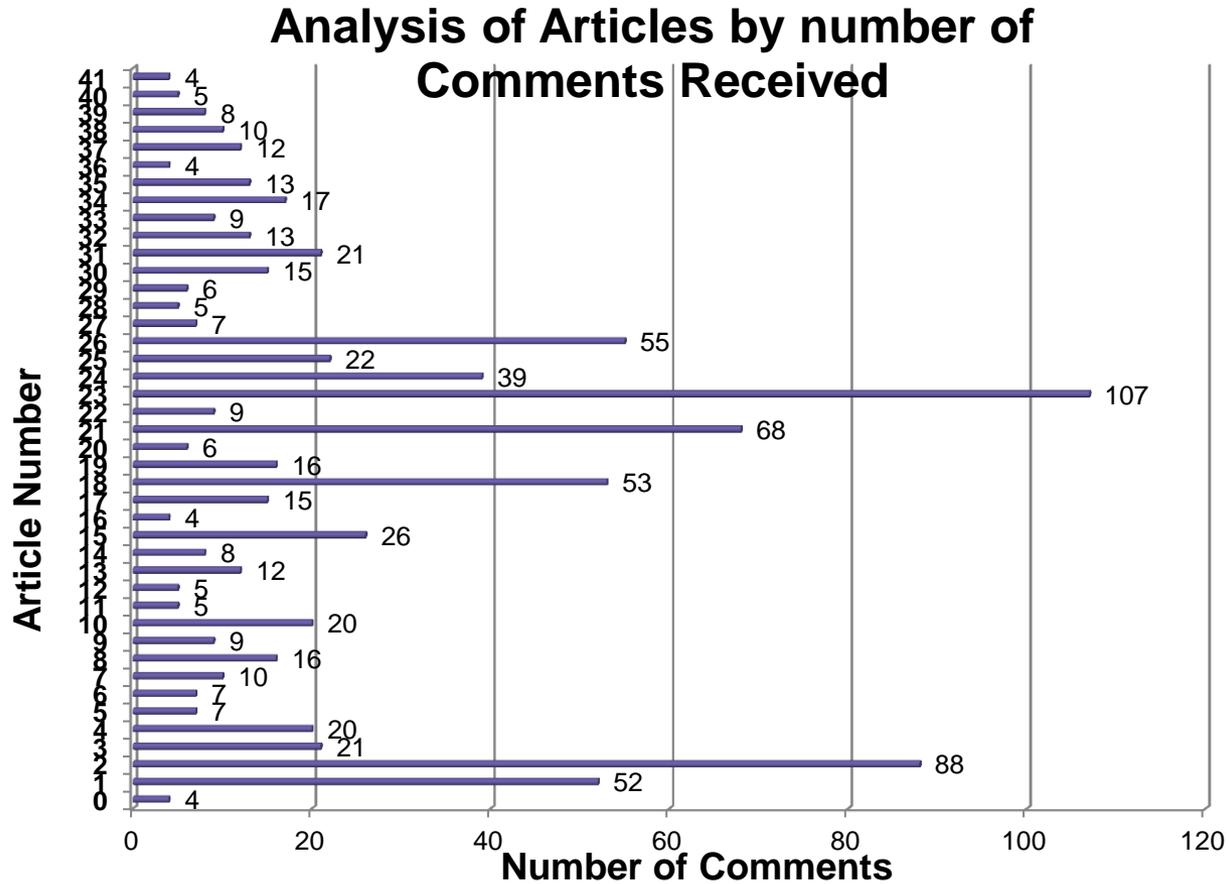
NC OPS requirements in the context of EC legislation and ACER Framework Guidelines

NC OPS requirements to ensure Operational Planning and Scheduling activities meeting Operational Security objectives throughout the EU

NC OPS development and integration of stakeholders' & industry views



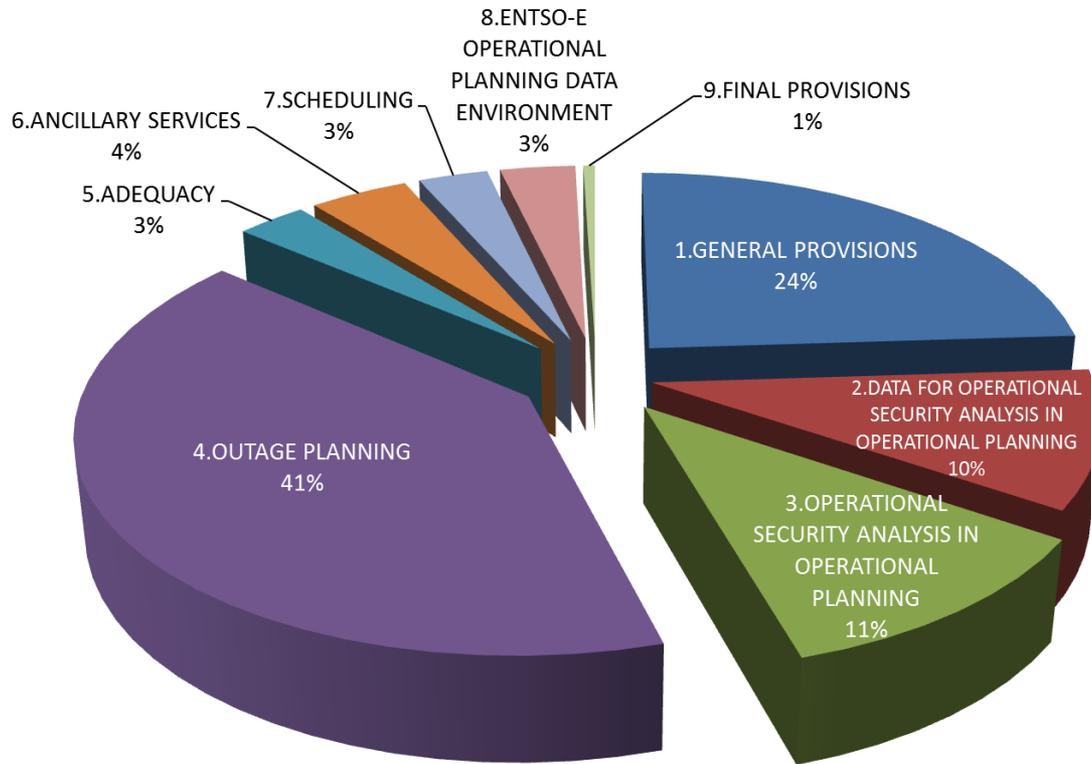
NC OPS development and integration of stakeholders' & industry views – public consultation (1/2)



854 comments

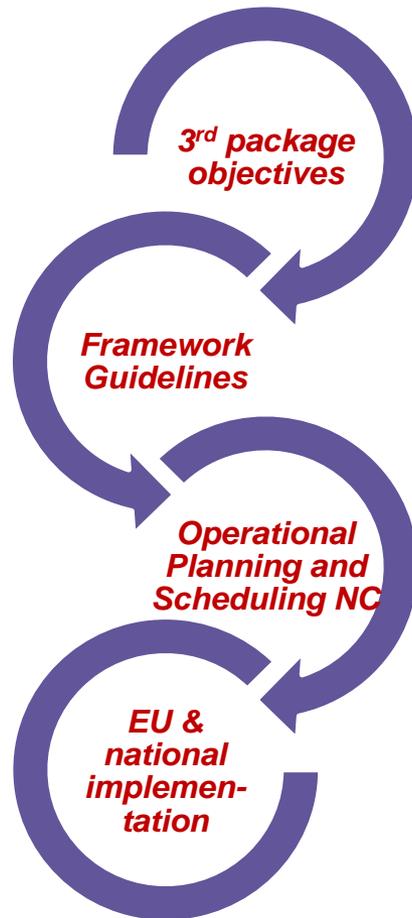
NC OPS development and integration of stakeholders' & industry views – public consultation (2/2)

Percentage of different comments per each chapter



854 comments

NC OPS in light of ACER Framework Guidelines' principles (1/2)



NC OPS general requirements

- Covering all provisions mentioned in the Framework Guidelines
- Complementary with other NCs, most notably OS as umbrella code, CACM, FCR, RfG, DCC

Scope and objectives

- Coherent and coordinated operational planning of interconnected Transmission Systems
- Preparing a secure operation of the interconnected Transmission Systems with a high level of coordination, reliability, quality and stability

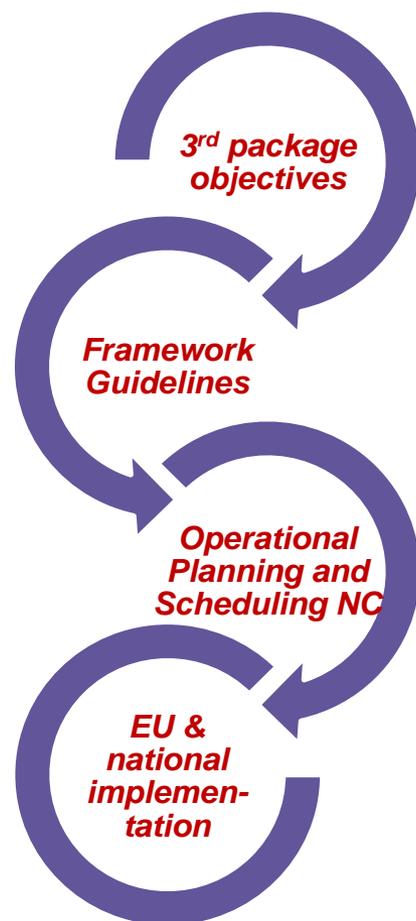
Criteria

- Operational Planning Performance Indicators -> monitoring events of significance regarding Operational security with causes which could potentially lead to necessary changes in operational planning processes

Processes methodologies and tools

- Minimum coordination standards for processes involved: and for all time frames: building CGM, coordinated security analysis, outage planning and adequacy analysis for all time frames
- Detailed Scope of common methodologies to be applied in these processes
- Provisions for a Common data environment to be used

NC OPS in light of ACER Framework Guidelines' principles (2/2)



Roles and responsibilities

- Minimum set of Operational Planning coordination provisions to be met by any TSO, DSO or SGU
- Scope and key features for Common methodologies to be developed by TSOs and approved by NRAs

Information exchange

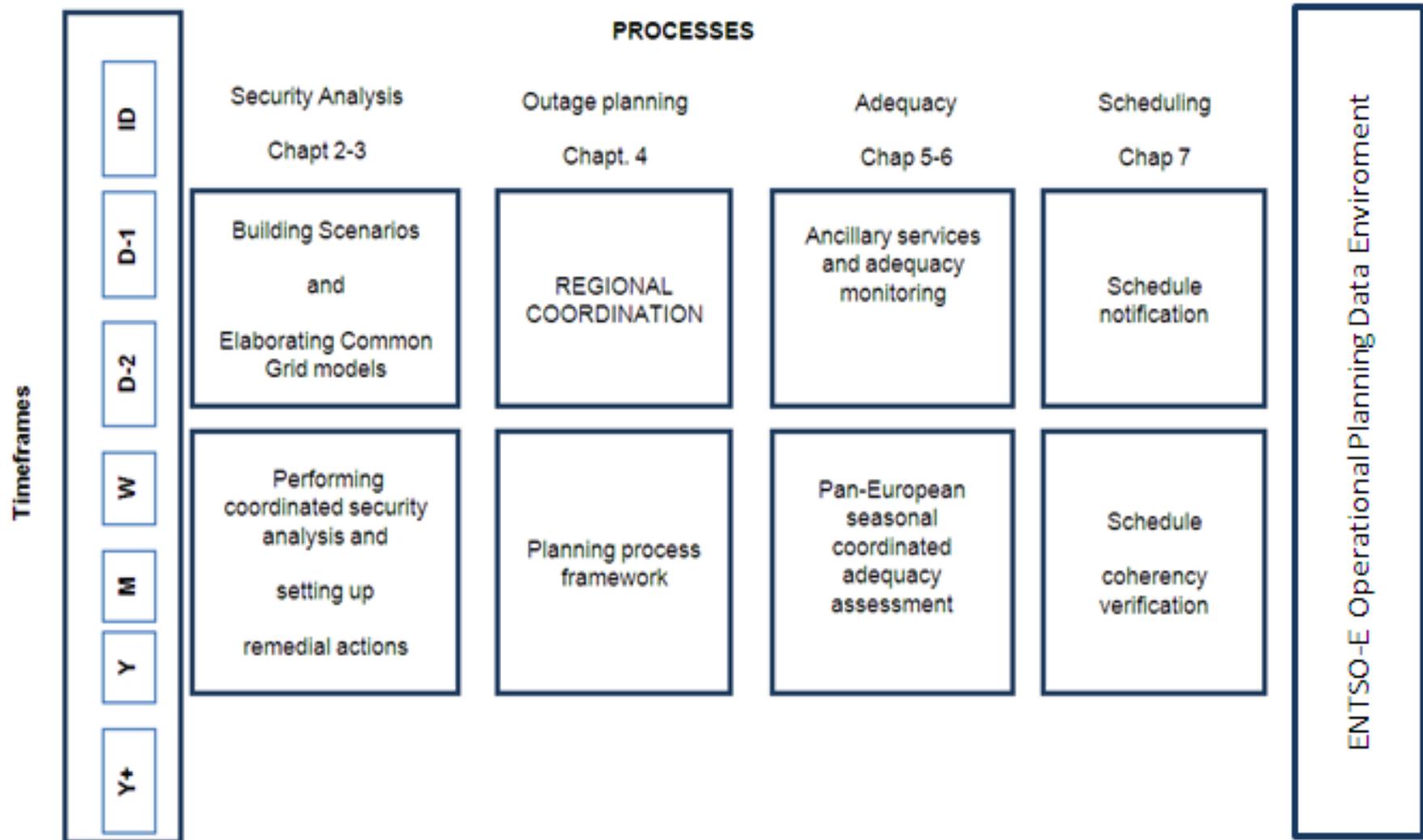
- Timing and content of data exchange between TSOs, TSOs and DSOs, and SGUs, regarding each planning and scheduling process and for all time frames
- Common ENTSO-E data environment to support exchange of data and coordination addressing CGM, outage planning and adequacy processes

Implementation

- A global framework addressing in coherency three levels:
 - pan European level between Synchronous Areas
 - synchronous zones for common methodologies
 - regional level within MLA minimum sets of provision for organizing operational processes
- Perspective and relation to other network codes (most notably system operation, RfG and DCC)

- **Operational Planning requirements in terms of processes principles and methodologies**
- **Coordination principles applicable to all TSOs, DSOs and SGUs**
- **Specific and detailed provisions related to coordination principles for each process**
- **Detailed scope of methodologies to be developed and applied by TSOs for each process**
- **Detailed scope of MLAs to be developed concerning security analysis coordination**

NC OPS – Preparing a secure operation of the interconnected Transmission Systems with a high level of coordination in the EU (2/2)



Summary and next steps

- The NC OPS specifies **provisions for** preparing a secure operation of the interconnected Transmission Systems with a high level of coordination in the EU, addressing all processes and time frames required and referring to operational security principles as set up by the NC OS – umbrella code for all Operational NCs
- ENTSO-E is grateful for **extensive stakeholder cooperation and valuable feedback** during the workshops, public consultation and discussions, enabling NC OPS improvements and preparing it for adoption as EU Regulation
- ACER's current task to assess that the Network Code complies with the **principles and objectives of the Framework Guidelines**, is essential for the successful final implementation of the code

Thank you for your attention

Further information on the development of the NC OPS:

<https://www.entsoe.eu/major-projects/network-code-development/operational-planning-scheduling/>

Further information on the whole portfolio of Network Codes:

<https://www.entsoe.eu/major-projects/network-code-development/>



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