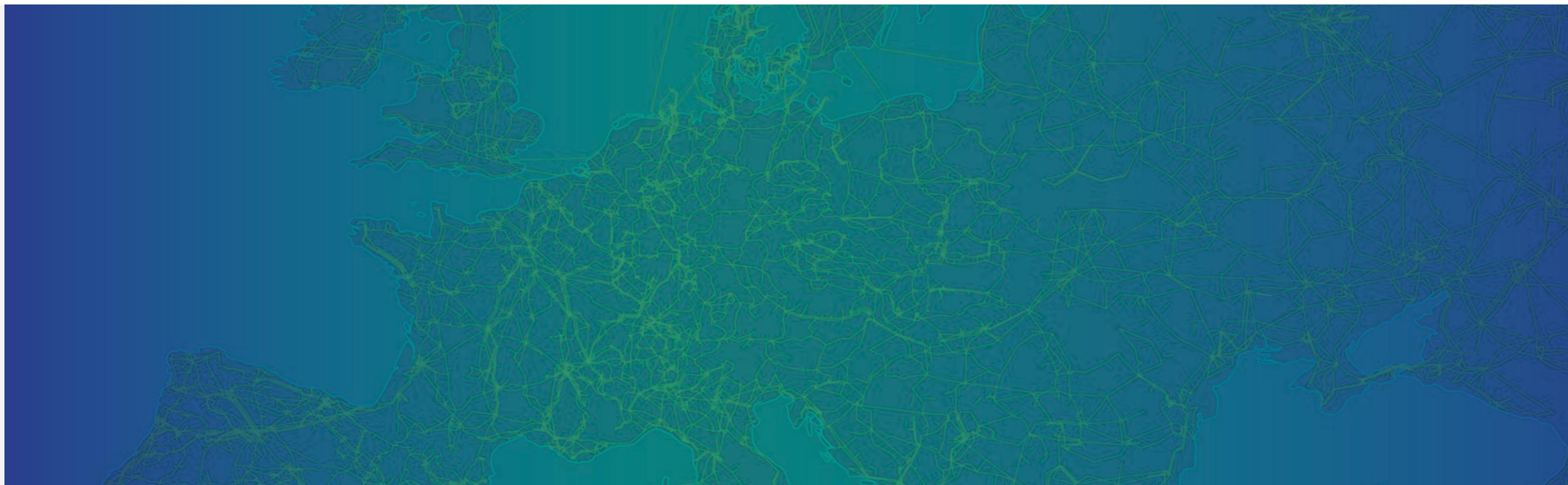


TOP.3 - IGDs planning update

9 December 2025 – 40th GC ESC in Ljubljana



Juan Giner (ENTSO-E) – Grid Connection Specialist

Non-binding guidance: Legal mandate for ENTSO-E



Implementation Guidance Documents (IGDs)

- Legal mandate for ENTSO-E
- No later than six months after the CNCs 2.0 enter into force
- Non-binding guidance to support CNCs national implementation
- Existing IGDs can be found [here](#)

Art. 58 in NC RfG

Art. 56 in NC DC

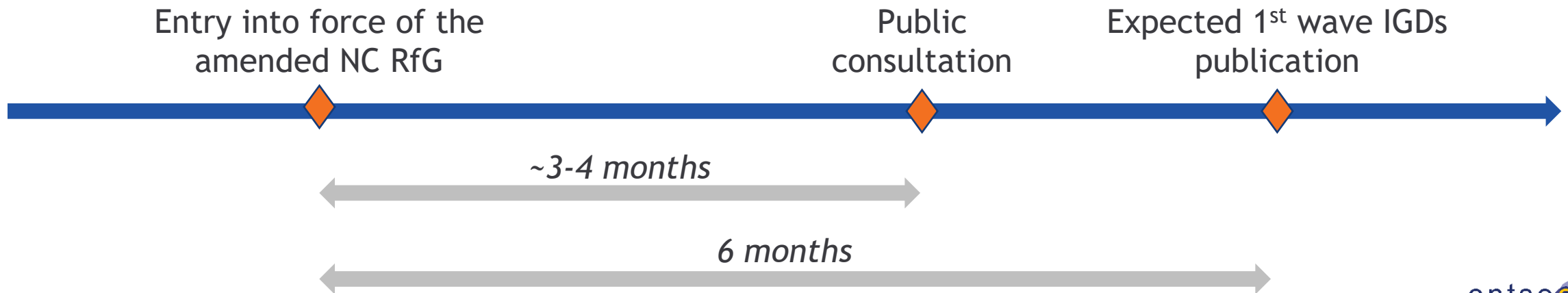
Art. 75 in NC HVDC

Non-binding guidance on implementation

1. No later than six months after the entry into force of this Regulation, the ENTSO for Electricity shall prepare and thereafter every two years provide non-binding written guidance to its members and other system operators concerning the elements of this Regulation requiring national decisions. The ENTSO for Electricity shall publish this guidance on its website.
2. ENTSO for Electricity shall consult stakeholders when providing non-binding guidance.
3. The non-binding guidance shall explain the technical issues, conditions and interdependencies which need to be considered when complying with the requirements of this Regulation at national level.

Three subsequent waves based on the sequential CNCs 2.0 publication

- In the GC ESC meeting of **September 2024**, ENTSO-E presented the initial work planning ([link](#)) for both new IGDs and existing IGDs becoming obsolete based on CNCs 2.0
- However, it has now been **updated given the timing of the entry into force of the amended CNCs**:
 - EC deprioritization of the CNCs 2.0 adoption
 - NC RfG 2.0 and NC DC 2.0 to enter into force sequentially
- Due to the available resources and the sequential publication of the CNCs 2.0, the IGDs will be developed in **three subsequent waves**
- The **following timeline** is expected for each wave after the entry into force of each CNC 2.0 (e.g. for NC RfG 2.0)



The first wave focuses on NC RfG 2.0 topics

Topic

Grid Forming

Forced oscillations

Certification

Limited Frequency
Sensitive Mode (LFSM)

Scope

Guidance on the implementation of the Article Y(7), and Articles for type A,B,C, and D PPMs based on the **TG GFC report**

Recommendation on the selection of values within the proposed ranges in the Article 21 and Article 26 and detection and monitoring methodology, based on the **TG FO report**

Guidance of national certification processes based on the results of the **EG HCF report**

Update of **existing IGD** considering the NC RfG 2.0. If needed, it will be updated again after other CNCs 2.0 enter into force

The timeline and topics for the 2nd and 3rd waves will be updated and presented to GC ESC based on the CNCs 2.0 publication timing

- While the 2nd wave of IGDs will be mainly focused on new topics from the NC DC 2.0, the 3rd wave will be mainly related to the new topics from the NC HVDC 2.0
- Besides, ENTSO-E will also update existing IGDs that will become obsolete after the CNCs 2.0 publication
- The expected timeline and topics will be presented to the GC ESC once updated based on the CNC 2.0 publication timing
- Some topics for these waves may be:

Aggregation of different
type of facilities

Electrical Storage
Modules

Low Frequency Demand
Disconnection (LFDD)

Frequency Sensitive
Mode (FSM)

NC HVDC 2.0 non-
exhaustive requirements

Heat Pumps

PtG Demand Units