

A detailed map of Europe and its surrounding regions, including parts of North Africa and the Middle East. The map is overlaid with a dense network of lines representing electricity transmission infrastructure. The lines are color-coded: red for high-voltage lines, green for medium-voltage lines, and blue for low-voltage lines. The map includes labels for various countries such as Norway, Sweden, Finland, Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Austria, Hungary, Romania, Bulgaria, Turkey, Greece, Italy, Spain, Portugal, France, Germany, Netherlands, Belgium, Luxembourg, Ireland, United Kingdom, Denmark, and Russia. It also shows major bodies of water like the North Sea, Baltic Sea, Black Sea, and Caspian Sea. A legend in the top left corner provides information about the map's scale and symbols.

## 3.2 Implementation of electricity network codes and guidelines

### DEFINITION OF CAPACITY CALCULATION REGIONS

Pascale Fonck, Market Committee  
Chair

30th Florence Forum

3 March 2016



# Capacity Calculation Regions (CCRs)

The first task of “All TSOs” in CACM: Determination of the CCRs

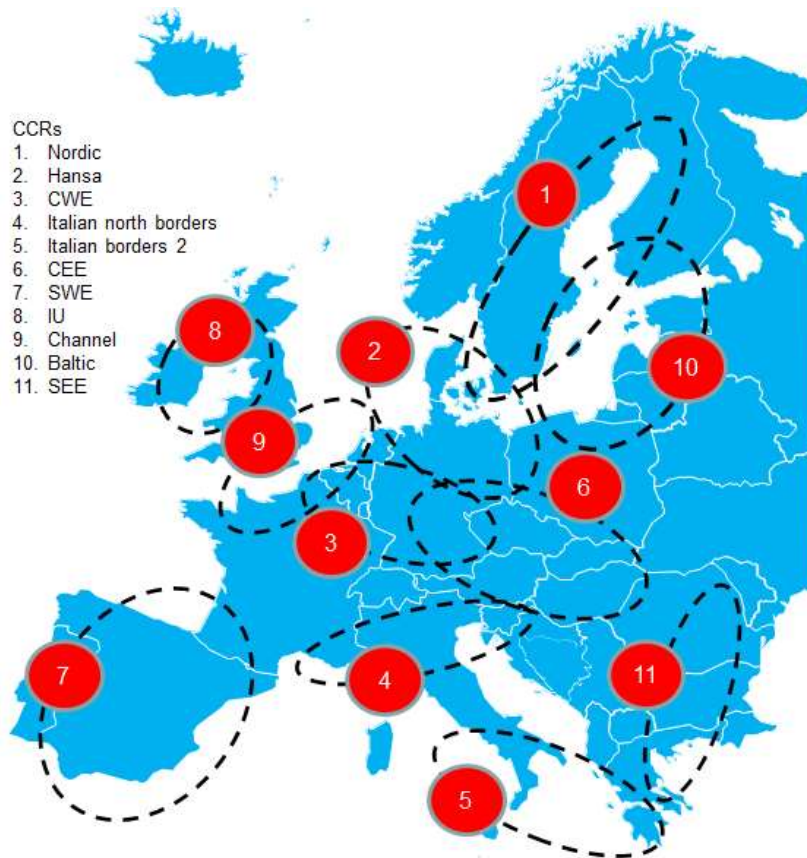
TSOs approved the CCR proposal  
on the 29 October

11 CCRs based on a dynamic and pragmatic approach

Strategic elements:

1. CWE- CEE commitment to merge
2. Croatia – Slovenia, Croatia – Hungary and Romania – Hungary borders since the start in CEE CCR
3. The consideration of the German-Austrian border

Next step: NRAs approval (May 2016)



# CWE- CEE Regions Commitment to Merge

Following the “All TSOs CCR proposal”, the CWE and CEE TSOs jointly finalized and agreed on a Memorandum of Understanding including a High Level Roadmap and project plan for common activities

The Memorandum of Understanding covers two main objectives

1. Activities towards the development of a common DA FB capacity calculation methodology for the merged CWE and CEE region
2. Activities towards the establishment of the merged region

The MoU in its unsigned version is shared with NRAs on local basis and the signature process has been launched aiming to submit the signed version to NRAs, ACER and ENTSO-E by 5th of March 2016

Since it is confirmed the Flow Based Day Ahead processes will be managed commonly, the CWE and CEE regions are currently investigating the impact on their existing regional activities and organisation for FB DA and other timeframes



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# Back up slide

Approval / non approval / no consensus between NRAs on the CCR proposal:

- If approval: CCRs determined → **The Regional work starts**
- If no approval: amendments proposed by All NRAs - All TSOs have 2 months to resubmit the new proposal to All NRAs. All NRAs have 2 months to approve (Art 9.12)
- If no consensus by NRAs: ACER decides (Art 9.11)

# CWE-CEE commitment to merge

## Article 9 Merger of the CCRs CWE and CEE (CCRs proposal)

*Under ENTSO-E facilitation the TSOs from the CCRs CWE and the CEE shall closely cooperate from the moment of the submission of this CCRs Proposal to all regulatory authorities towards the merger of the two CCRs, which shall take place as soon as possible. In order to define a clear roadmap, the TSOs from the CCRs CWE and the CEE shall submit within four (4) months after the submission of this CCRs Proposal to the relevant regulatory authorities of the proposed CCRs CWE and CEE a joint roadmap on how to merge the two CCRs. This joint roadmap shall use, as a basis, existing solutions on the flow-based day ahead and intraday capacity calculation methodology, which shall be amended where necessary to adapt, among others, to the different grid structures of CWE and CEE TSOs.*

# Croatia – Slovenia, Croatia – Hungary and Romania – Hungary borders since the start in CEE CCR

The comment most repeated in the public consultation (mostly from Romanian stakeholders) is the support to include the Romania-Hungary bidding zone border since the beginning in the CEE CCR.

Croatia and Romania Members States and TSOs had also supported this approach.

The approved proposal includes the assignment of Croatia – Slovenia, Croatia – Hungary and Romania – Hungary bidding zone borders to CEE Region from the start

# The consideration of the German-Austrian border

CCR Proposal includes this border in the CEE CCR.

The inclusion of this border does not influence the implementation of capacity allocation on this border → The proposal clarifies that such capacity allocation will be introduced in line with the implementation calendar agreed upon by the relevant regulatory authorities and TSOs in accordance with the ACER Opinion No 09/2015 and at the latest when implementation of flow-based capacity calculation takes places in the CEE CCR in accordance with the CACM Regulation.



All TSOs have decided on a proposal on CCRs achieving to deliver the first CACM Regulation task of all TSOs on time.

The proposal, defines 11 CCRs and is based on a dynamic and pragmatic approach.

It supports coordination across the bidding zone borders where interdependence is the highest while taking into account the already achieved results and ongoing projects on capacity calculation and allocation.

The explanatory document accompanying the proposal includes also non-EU TSOs' borders and provides the complete technical picture of Europe.