



Agenda



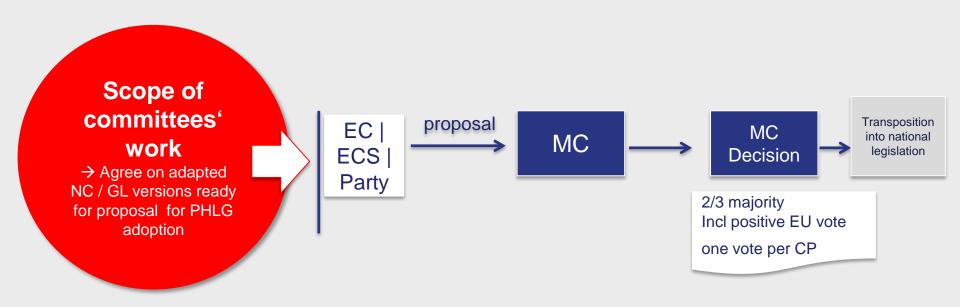
- 1. Procedures
- 2. Introduction
- 3. Geographical scope
- 4. Methodologies existing vs new | pan-European vs regional
- 5. Voting
- 6. Others



1. Procedure

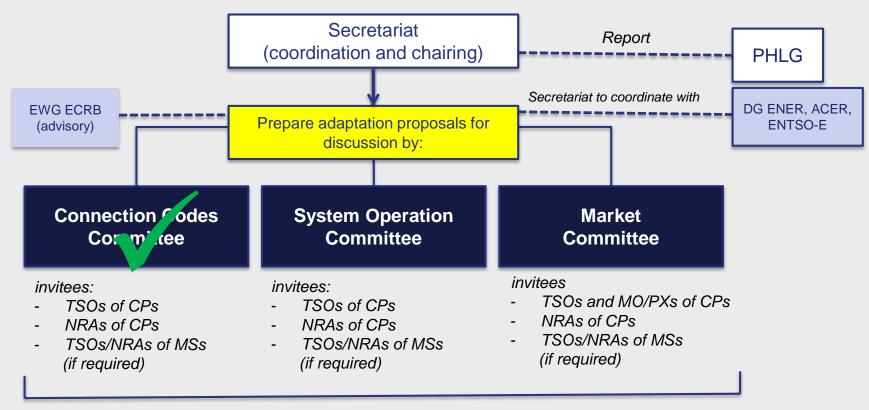
Procedural aspects





Governance proposal





All: open for participation by DG ENER, ACER, ENTSO-E

General



- Standard adaptations
 - EC → ECS | ACER → ECRB | MS → CP
- ad-hoc adaptations
- Implementation in one step
- Implementation deadlines
- Reciprocity relevant
 - Title III
 - Alternative Title IV

Roles



Standard adaptation+





ECS (+EC as necessary) intervenes when no agreement is reached on proposals by TSOs / NEMOs





ECRB's role in adopting methodologies in case of failure by TSOs/NRAs ACER's role is for information only







ENTSO-E's role in assessments, drafting, facilitation, coordination, reporting, etc. Requirements coordinated with EU CACM



2. Introduction

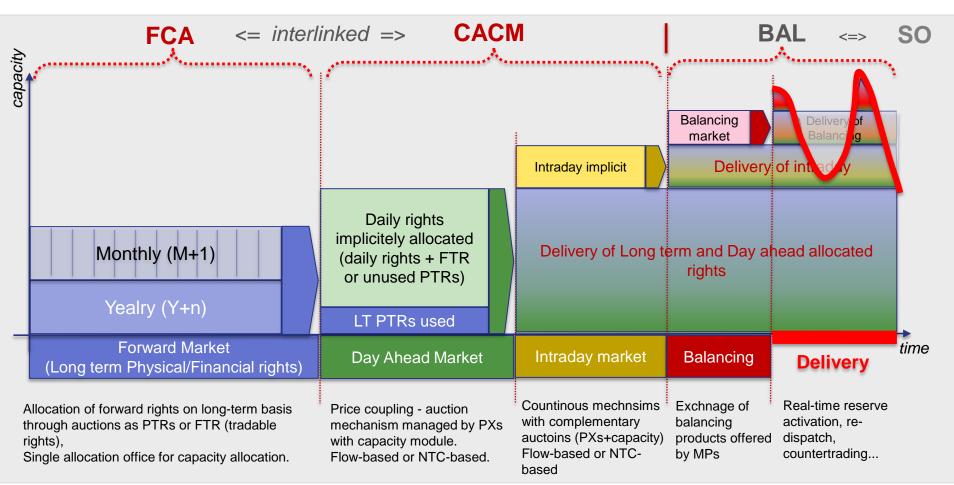
Towards completion of the framework ...



- Electricity Regulation 714/2009 (part of 3rd package) adopted by the MC in October 2011
 - Third package sets the basis for a liberalized market (unbundling, nondiscriminatory access, etc.)
 - Network codes and guidelines established according to EU 714/2009 sets to target model for European market
 - Requirements for forward cross-zonal transmission rights
 - DAM through single and IDM through continuous market coupling algorithm
 - European and regional balancing platforms and close system operation coordination
 - ... and technical and operational requirements

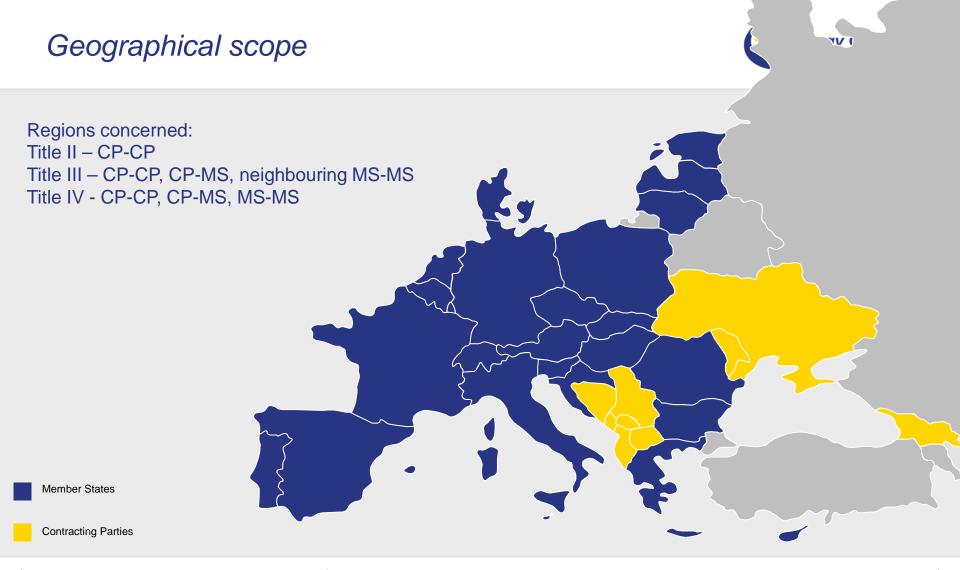
Target model = market network codes







3. Geographical scope



Synchronous area applicability – Title IV Continental Europe SA IPS/UPS - Baltic SA +UA/MD/GE

Possible solution for CPs that are not in CE SA



Similar approach as for Lithuania, Latvia and Estonia could apply:

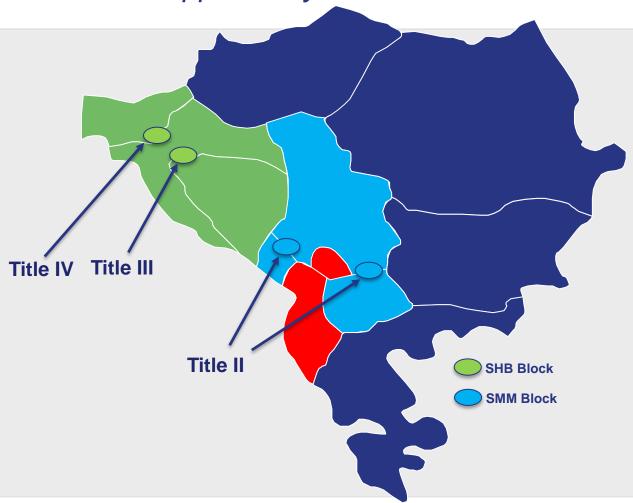
Article 2(4)

The TSOs of Lithuania, Latvia and Estonia are, as long as and to the extent that they are operating in a synchronous mode in a synchronous area where not all countries are bound by Union legislation, exempted from the application of the provisions listed in Annex I to this Regulation, unless otherwise foreseen in a cooperation agreement with third country TSOs setting the basis for their cooperation concerning secure system operation pursuant to Article 13.

Annex I – list of Articles for which they are exempted

LFC block applicability - Title IV /Title III/ Title II





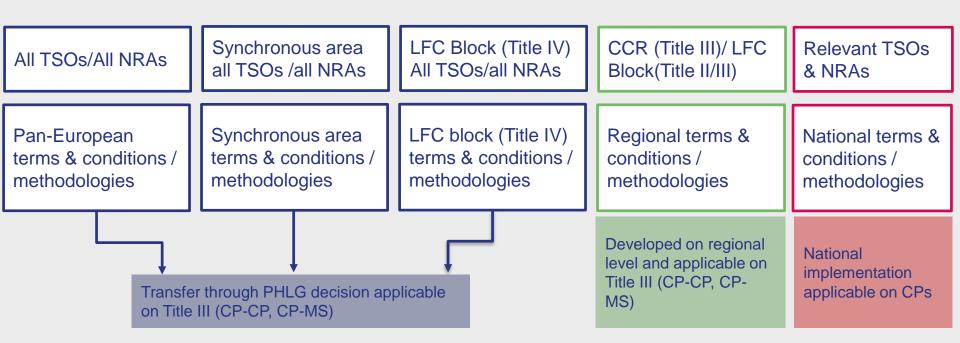
Article 6 – Approvals of terms and conditions or methodologies of TSOs - applicability



- Article 6(2) all TSOs proposals/NRAs approvals (Title IV)
- Article 6(3) regional approvals:
 - (a) Synchronous area-level (Title IV)
 - (b) Capacity calculation region (Title III)
 - (c) At least synchronous area-level (Title IV)
 - (d) Synchronous area-level (Title IV) (synchronous area operation agreements Article 118)
 - (e) LFC block-level (Title II/Title IV) (LFC block agreements Article 119)
 - (f) Synchronous area or LFC block-level (Title IV)
 - (g) Synchronous area-level (Title IV)
- Article 6(4):
 - National approvals (Title II)

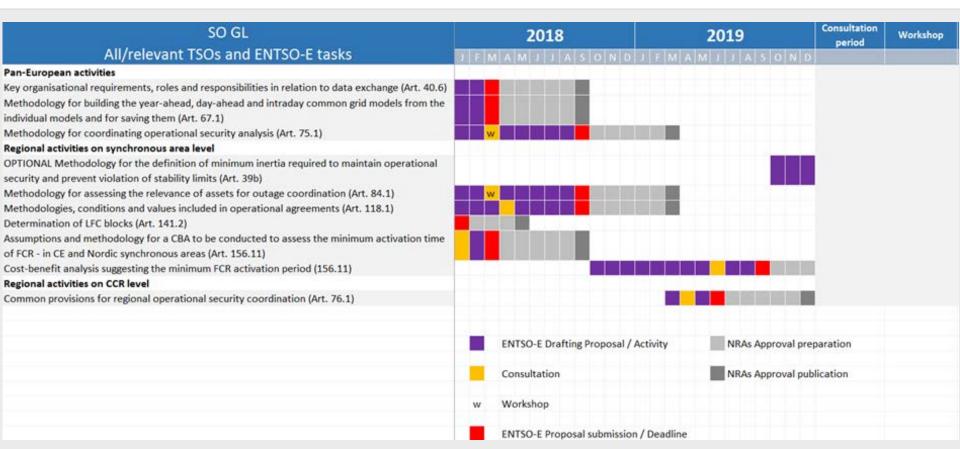
Possible approach to adaptation for the EnC





Development of methodologies at EU-level - status





Source ENTSO-E website

Synchronous area terms and conditions or methodologies Energy Community open questions

- Open question:
- If and to which extent adaptations of terms and conditions or methodologies adopted at EU-level for synchronous area and LFC block (Title IV) would be needed?
- Example:
- Article 6(3)(g) common proposal per synchronous area for the determination of LFC block in accordance with Article 141(2)
- Article 141(2)
 - > By 4 months after entry into force of this Regulation, all TSOs of a synchronous area shall jointly develop a common proposal regarding the determination of the LFC blocks
 - Will a proposal approved at EU-level include LFC blocks including CPs?
 - If not included, what will be a procedure to include them? Annex to PHLG decision?
 - > Participation of EnC CPs TSOs in developing proposals at EU-level would simplify adoption for EnC

LFC block (Title IV) terms and conditions or methodologies Energy Community open questions

- Open question:
- If and to which extent adaptations of terms and conditions or methodologies adopted for LFC block (Title IV) would be needed?
- Example:
- Article 6(3)(e) methodologies and conditions included in the LFC block operational agreements in Article 119
- Article 119 LFC block operational agreements
 - > By 12 months after entry into force of this Regulation, all TSOs of each LFC block shall jointly develop common proposals for...
 - How will this be implemented for SHB block?
 - This Article shall be applicable to LFC blocks between CPs only (e.g. SMM block) and decision shall be subject to regional all NRAs approval

Part IV – Load-frequency control and reserves Title 1 – Operational agreements



Subject to all NRAs concerned approval:

- Article 118 Synchronous area operational agreement
- Article 119 LFC block operational agreements

Following agreements shall be established among all TSOs concerned:

- Article 120 LFC area operational agreements
- Article 121 Monitoring area operational agreement
- Article 122 Imbalance netting agreements
- Article 123 Cross-border FRR activation agreement
- Article 124 Cross-border RR activation agreement
- Article 125 Sharing agreement
- Article 126 Exchange agreement

Possible intermediary solution – Article 13



Article 13

Agreements with TSOs not bound by this Regulation

Where a synchronous area encompasses both union and third country TSOs, within 18 months after entry into force of this Regulation, all Union TSOs in that synchronous area shall endeavour to conclude with the third country TSOs not bound by this Regulation an agreement setting the basis for their cooperation concerning secure system operation and setting out arrangements for the compliance of the third country TSOs with the obligations set in this Regulation.

- ⇒ Could be applied to all EnC CPs
- ⇒ Not binding for EnC CPs, is voluntary approach enough?

Missing Directive in EnC



Article 26

Security plan for critical infrastructure protection

1. Each TSO shall specify, taking into account Article 5 of Council Directive 2008/114/EC*, a confidential security plan containing a risk assessment of assets owned or operated by the TSO, covering major physical or cyber threat scenarios determined by the Member State.

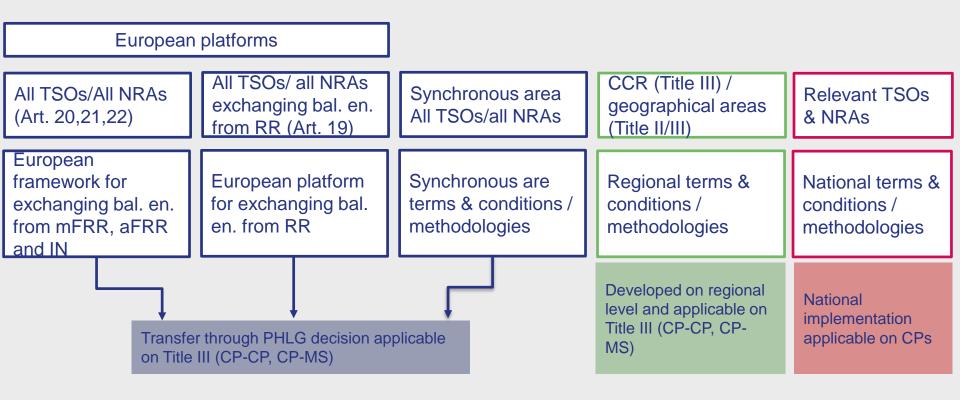
*COUNCIL DIRECTIVE 2008/114/EC of 8 December 2008

on the identification and designation of European critical infrastructures and the assessment of the need to improve their protection

⇒ Article 5 of Directive 2008/114/EC could be adapted for the EnC or to propose adoption of this Directive in the EnC

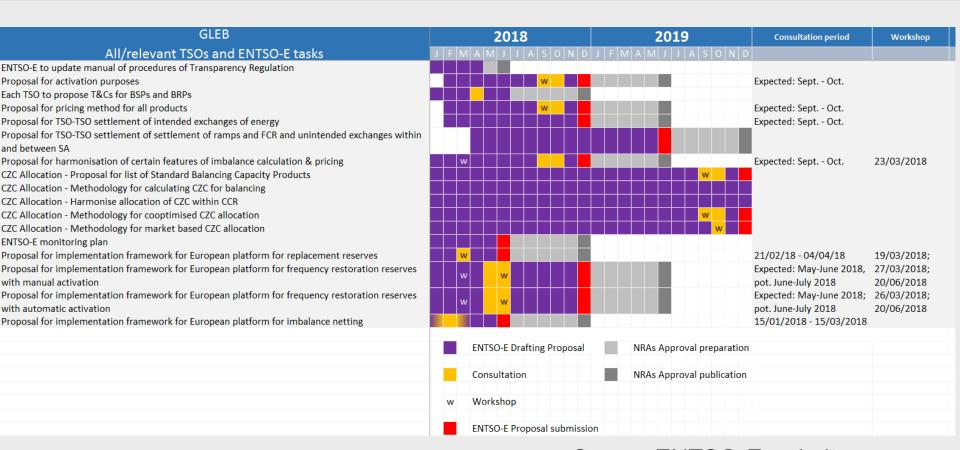
Possible approach to adaptation of EBGL for the EnC





EBGL - Development of methodologies at EU-level





Source ENTSO-E website







Background slides



Methodologies

EU: high-level structure of market network codes



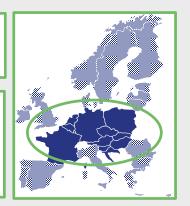
All TSOs /(NEMOs) All NRAs

Pan-European terms & conditions / methodologies / platforms



Relevant TSOs /(NEMOs) & NRAs

Regional (CCR) terms & conditions / methodologies / platforms



Relevant TSOs /(NEMOs) & NRAs

National (CCR) terms & conditions / methodologies / platforms



EC intervenes when no agreement is reached on proposals by TSOs / NEMOs



ENTSO-E's role in assessments, drafting, facilitation, coordination, reporting, etc.



ACER's role in adopting methodologies in case of failure by TSOs/NRAs

Adapted approach for the EnC



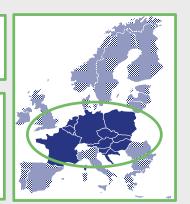
All TSOs /(NEMOs) All NRAs

Pan-European terms & conditions / methodologies / platforms



Relevant TSOs /(NEMOs) & NRAs

Regional (CCR) terms & conditions / methodologies / platforms



Relevant TSOs /(NEMOs) & NRAs

National (CCR) terms & conditions / methodologies / platforms

Transfer through PHLG decision applicable on Title III (CP-CP, CP-MS)



Developed on regional level and applicable on Title III (CP-CP, CP-MS)



National implementation applicable on CPs





Voting

Agreeing on methodologies: Voting



EU GLTSOs/NEMOs voting



EnC GLTSOs/NEMOs voting

Pan-European methodologies:

Qualified majority
 55% of MS + 65% of population of the EU

Regional methodologies:

Qualified majority of the region

72% of MS + 65% of population of the region

Region <5: consensus

Pan-European methodologies:

 Unchanged taken as part of EU acquis, applicable under PHLG decision requiring national transposition in CPs

Regional methodologies:

Qualified majority of the region

2/3 of the CPs/MSs of the region

Region <3: consensus