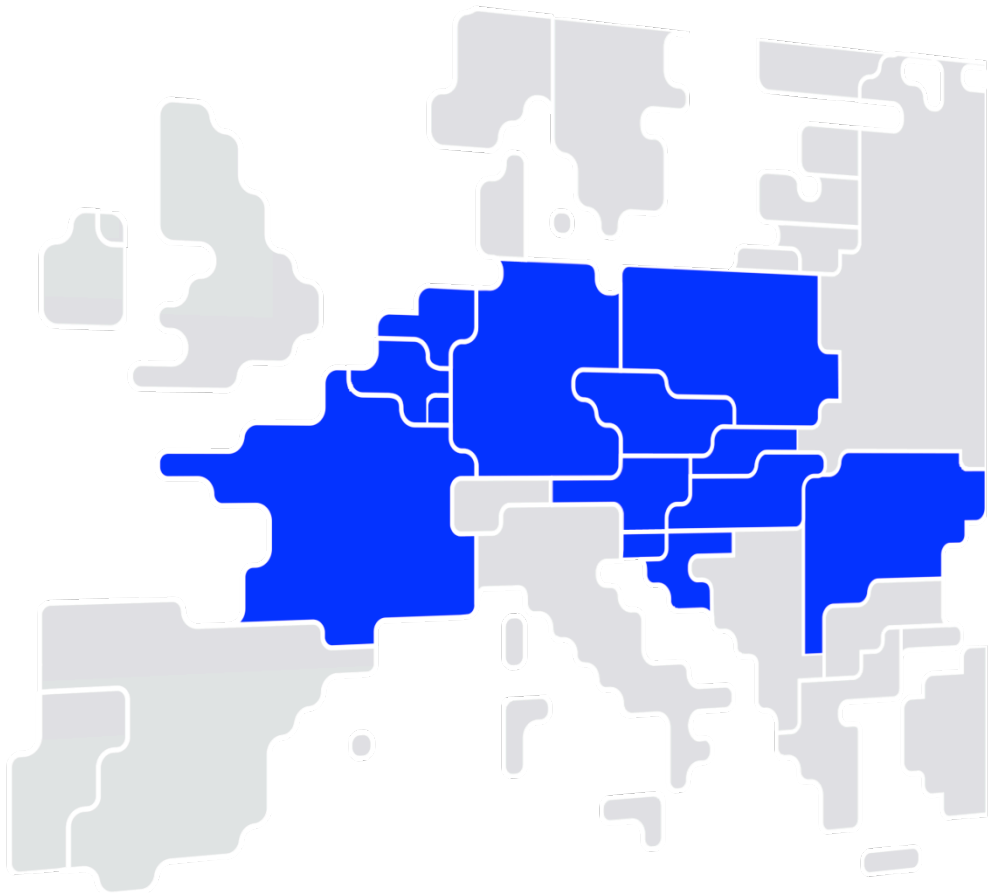
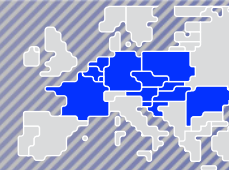




Core Consultative Group meeting

6th of July 2017
10h00 – 16h00 CEST
Munich Hilton Airport Hotel

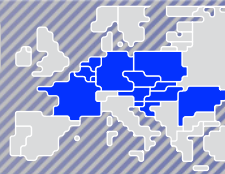




	SUBJECT	WHO	TIMING
1	Welcome and introduction	C.PFLANZ	10:00 – 10:15
2	Core CCR status <ul style="list-style-type: none"> • General developments • Public Consultation & Approvals 	C.PFLANZ	10:15 – 10:30
3	High level roadmap Day Ahead and Intraday	C.PFLANZ	10:30 – 10:45
4	Day-ahead flow-based capacity calculation (DA FB CC) methodology	D.GARREC	11:00
LUNCH (13:00-13:45)			
			14:30
5	Intraday flow-based capacity calculation (ID FB CC) methodology	C.PFLANZ	14:30 – 14:45
6	Transparency	C.PFLANZ	14:45 – 15:00
7	Other market integration developments <ul style="list-style-type: none"> • DE/AT BZB 	C.PFLANZ	15:00 – 15:45
8	AOB	PMO	15:45 – 16:00

Coffee

Coffee



Core TSOs welcome all Market Participants, representatives of associations, NRAs and NEMO representatives.

Objective for today's meeting:

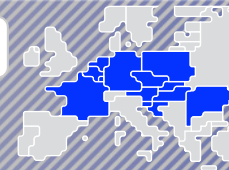
- Ensure alignment on expectations and timelines between TSOs and market participants on developments in Core CCR:
 - Explain the Core DA and Core ID FB CC methodologies as submitted for public consultation
 - Provide opportunity for MPs to raise questions related to the public consultation documents
- Continue positive exchanges between all parties related to market integration developments in Core CCR

Reminder last Core Consultative Group meeting (28/02/2017)

Terms of Reference – Co-chair

- Outcome first Core CG: all Core CG participants approved the Terms of Reference for the Core CG meeting
- H el ene Robaye (ENGIE) was nominated as co-chair for the Core CG meetings.
 - No objections received, therefore, Core TSOs are happy to announce H el ene Robaye co-chairing on behalf of MPs & Association.

2. Core CCR

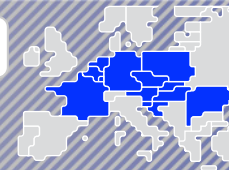


Status update developments Core

Network Code/ Guideline		Art.	CCR Obligation*	NC/GL milestone delivery method	
CACM	Day ahead	20.2	• Common Capacity Calculation Methodology for DA	Sept 2017	→ Public Consultation launched 30/06
		27.2	• Setting up Coordinated Capacity Calculator	Jul 2018	
	Intraday	20.2	• Common Capacity Calculation Methodology for ID	Sept 2017	→ Public Consultation launched 30/06
		27.2	• Setting up Coordinated Capacity Calculator	Jul 2018	
	Re dispatch & Countertrading	35.1	• Proposal for a coordinated RD & CT	March 2018	
		74.1	• Proposal for RD&CT cost sharing	March 2018	
		74.7	• Further harmonize re dispatching and countertrading cost sharing methodologies with other CCRs	Dec 2018	
	General	35.3	• Report assessing the harmonization of coordinated RD&CT	March 2018	
		44	• Fallback procedures for DA FB MC	May 2017	→ Submitted to Core NRAs
	80.4	• Proposal for sharing regional costs (#NEMOs and TSOs cooperating in a region)	2017		
FCA	Long Term	31.3	• Regional design of LTRs in CCRs where LTRs exist	Apr 2017	→ Submitted to Core NRAs
		10.1	• Common Capacity Calculation Methodology for LT	Sept 2018	
		16.1	• Methodology for splitting LT capacities	Sept 2018	
		21.1	• Operational rules for merging the individual grid models	Jun 2018	
		42	• IF PREFERRED by TSOs: alternative coordinated fallback solutions	Jun 2018	
		21.2	• Operational rules for coordinated capacity calculators	Sept 2019	

* The obligations shall take into account all potential bidding zone configuration, amongst others the DE-AT border

* Regulatory procedures can delay some of the deadlines



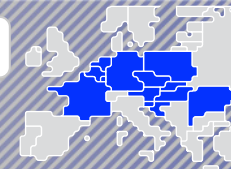
Core TSOs have been working on the development of the Core DA and ID common capacity calculation methodologies, leading to two Proposals which have been published on the ENTSO-E consultation hub last week for Public Consultation.

1. Consultation phase

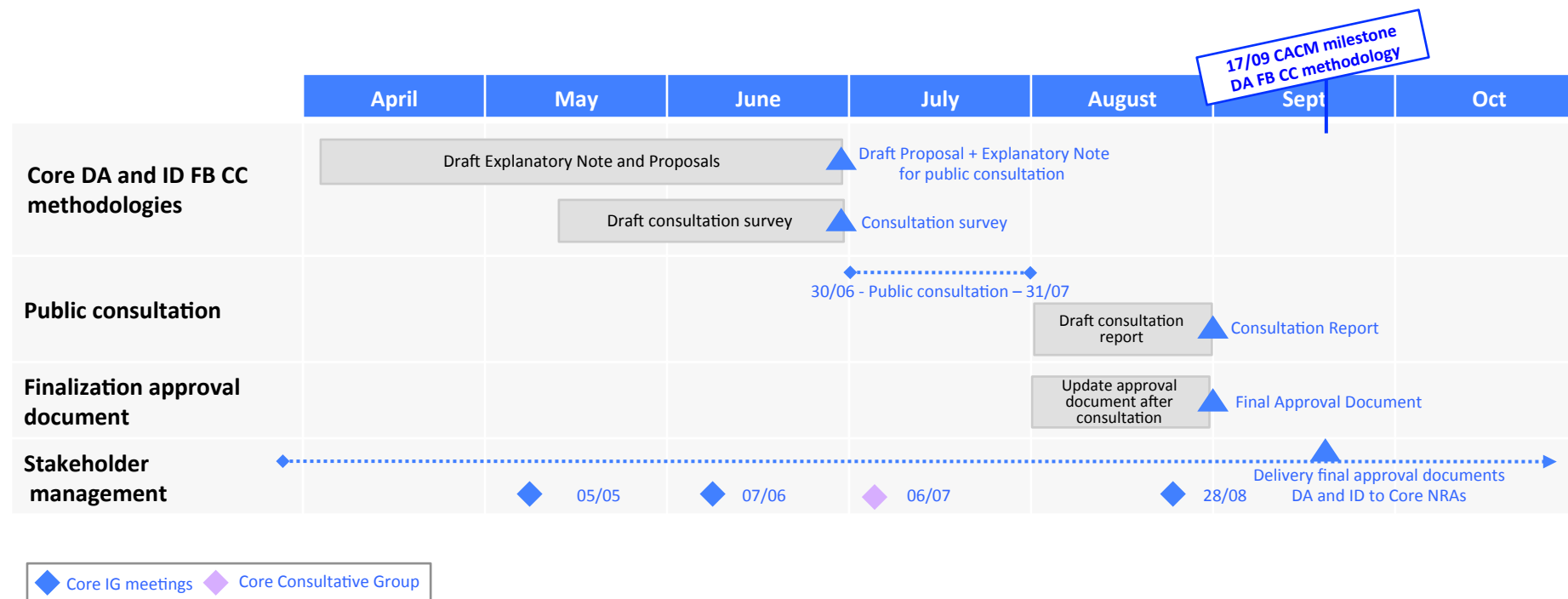
- In line with CACM art.12(1) & FCA art 6(1), Core TSOs launched public consultation via the ENTSO-E consultation hub to receive feedback from MPs & Associations on the Core DA and ID common capacity calculation methodologies.
- Consultation was initiated at the 30th of June and will last up until the 31st of July
 - Due to the challenging deadlines for finalization of the methodologies, TSOs are bound to stick to the legally required duration of one month public consultation.
 - This time-frame is confirmed and agreed upon by Core NRAs.
- After the public consultation, all responses will be carefully analysed and assembled in a Consultation Report for DA and one for ID. These reports will be included in the final approval documents that will be submitted to NRAs.

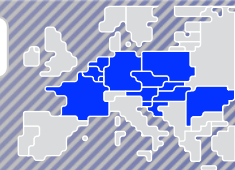
2. NRA approval phase

- 17/09: foreseen submission of Core DA and ID capacity calculation methodologies and supporting document to Core NRAs for formal approval
 - Proposal DA and ID: legally binding description of the methodology (for approval by NRAs)
 - Explanatory Note DA: detailed descriptions of the methodology (for information purposes only)
 - Consultation Report DA and ID
- Duration of the NRA approval process is 6 months



A time line consultation for finalization of the DA and ID capacity calculation methodologies can be found below:





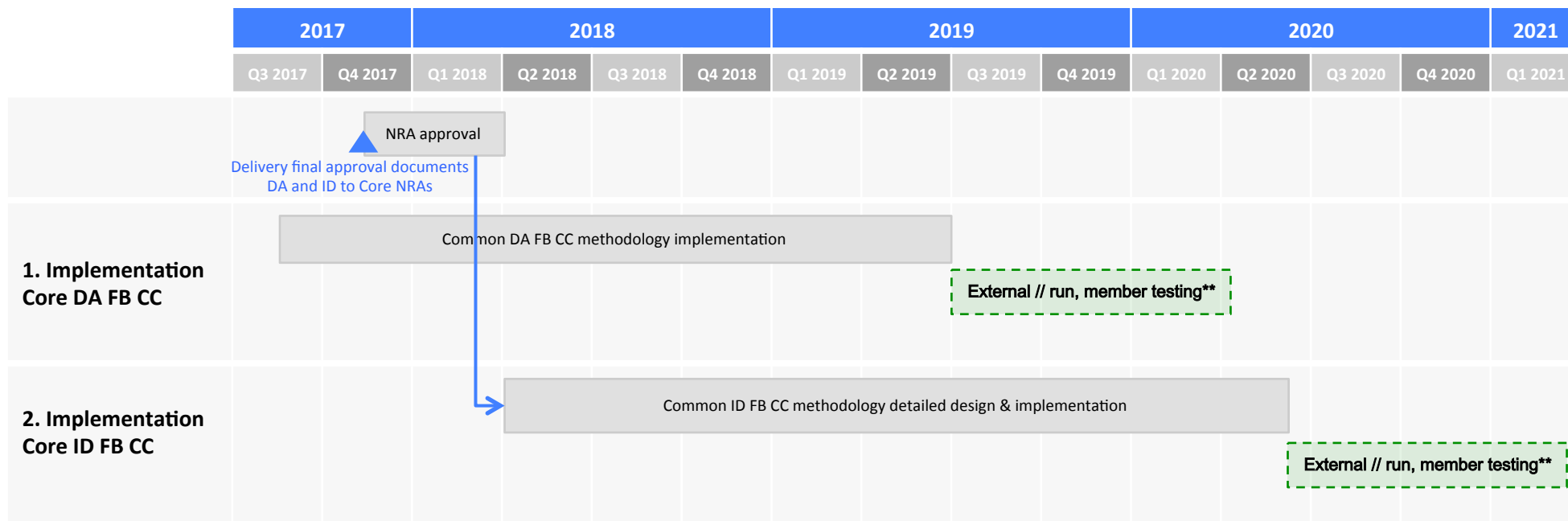
Foreseen implementation time lines *

1. Day-ahead

- Core TSOs aim to implement the Core DA FB CC methodology to launch the external parallel in S1-2019
- S1-2020 is the target go-live window for the market, as part of the MRC coupling.

2. Intraday

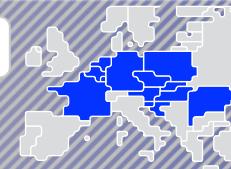
- Core TSOs aim to implement the Core ID FB CC methodology to launch the external parallel in S2-2020
- S1-2021 is the target go-live window for the market



* Time lines are subject to several dependencies: e.g. progress of the internal parallel run, implementation, proposed changes to the concept after public consultation, NRA approval of the methodology

** Market Coupling project (out of scope Core TSOs CCM-project)

4. Core day-ahead flow-based capacity calculation methodology

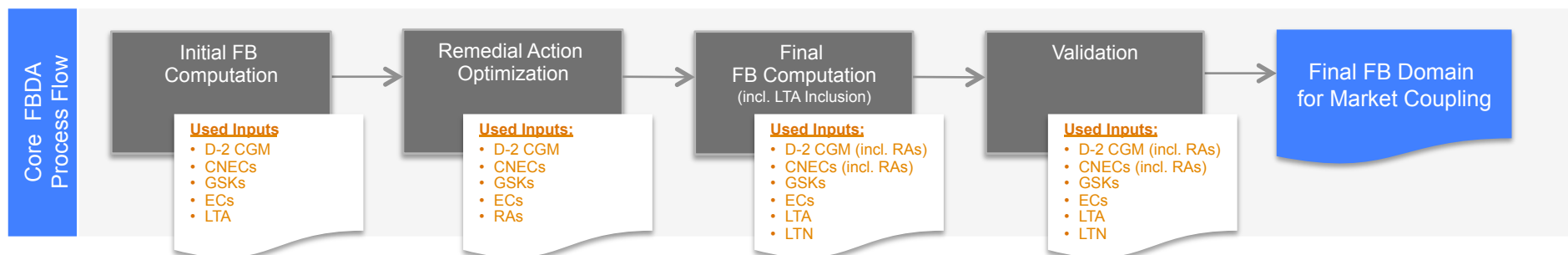


Explanation Core DA FB CC methodology (as described in consultation document)

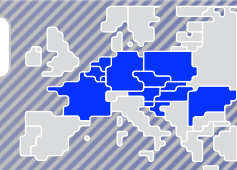
During last Core CG, the Core DA FB CC methodology currently being developed was explained to MPs

- Target solution for Core is flow-based capacity calculation
- The Core day-ahead flow-based capacity calculation methodology is based on CWE systems and tools. Core TSOs are re-using these tools as much as possible, also given the tight deadlines.
- If feasible within the set time-lines, improvements will be taken into account.

The following high level process for DA FB CC in the Core Region is foreseen:



Q&A: D.GARREC to explain the Core DA FB CC method & MPs to ask questions



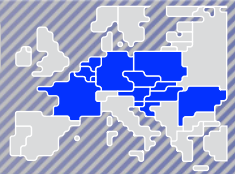
Explanation Core ID FB CC methodology

Approach for Core ID FB CC methodology

- Core TSOs decided to use the FB DA CC methodology as a starting point for the intraday FB CC concept
- The design phase to further detail the ID methodology is foreseen to be launched after the NRA approval for DA (expected Q1 2018). This to take into account the feedback and final DA design as input for ID.

Core ID FB CC methodology

- FB DA CC methodology Proposal forms the basis for Core ID FB CC (where applicable)
- Amongst others, the following principles for intraday are included in the Proposal:
 - **Article 5 - Intraday capacity calculation**
 - Core TSOs shall provide the coordinated capacity calculator with the last updated information on the transmission systems in a timely manner for the first IDCC that is performed in the end of D-1 and for the second IDCC performed during the day. In case it turns out feasible and of added value during the project implementation, more additional computations will be performed during day D.
 - The capacity calculation process includes Remedial Action Optimization methodology which aims to find optimal secure capacity based on the inputs provided by the TSOs.
 - The Coordinated Capacity Calculator (CCC) shall define FB-parameters for each market time unit up to the first unsecured situation. These values shall be provided to Core TSOs for validation.
 - The CCC of the Core CCR or the Core TSOs shall provide the NEMOs with the validated FB-parameters of the Core CCR. In case the allocation mechanism expects ATCs for each bidding-zone border, the CCC or the Core TSOs shall derive these from the coordinated FB-parameters and provide it to the NEMOs.
 - Core TSOs shall review the frequency of recalculation two years after the implementation of ID FB CC by performing a cost-benefit analysis on the Core CCR.



Given the importance of the topic, Core TSOs would like to elaborate on the transparency propositions described in the DA and ID Proposals

Guidance received from Core NRAs on transparency

- During last Core IG meeting (07/06), Core NRAs asked TSOs to apply at least the CWE level of transparency
- Core TSOs acknowledged obligations stemming from EU legislation must be fulfilled. It was however indicated that the CWE transparency level goes beyond what is allowed by some countries national laws.
- NRAs will align on how to adopt the CWE transparency level in Core and provide feedback in their Shadow Opinion

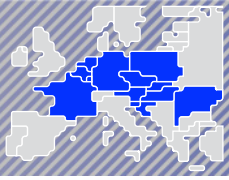
Description in DA and ID Proposals

- **Day-ahead Proposal Article 22 “Publication of data”**
 - In paragraph 1 to 4, Core TSOs describe the data that at least will be published to the Market
 - In paragraph 5 and 6 it is indicated that, when compliant with national regulations, additional data will be published such as:
 - On D-1: real names of CNEC, CNE EIC code and Contingency EIC code, detailed breakdown of RAM (Fmax, FLTN, FRM, FAV)
 - Ex-post D+2: publication of vertical load, production, best forecast of Net position.
- **Intraday Proposal Article 21 “Publication of data”**
 - Publication of data shall be in line with Article 3 of the CACM Regulation aiming at ensuring and enhancing the transparency and reliability of information and will be based on the definitions of Commission Regulation (EU) No 543/2013 on submission and publication of data in electricity markets.

7. Other market integration developments

DE/AT BZB

C.PFLANZ



< shift to DE-AT presentation >

