

# MARI and PICASSO Updates

MESC Meeting, 2022/09/14

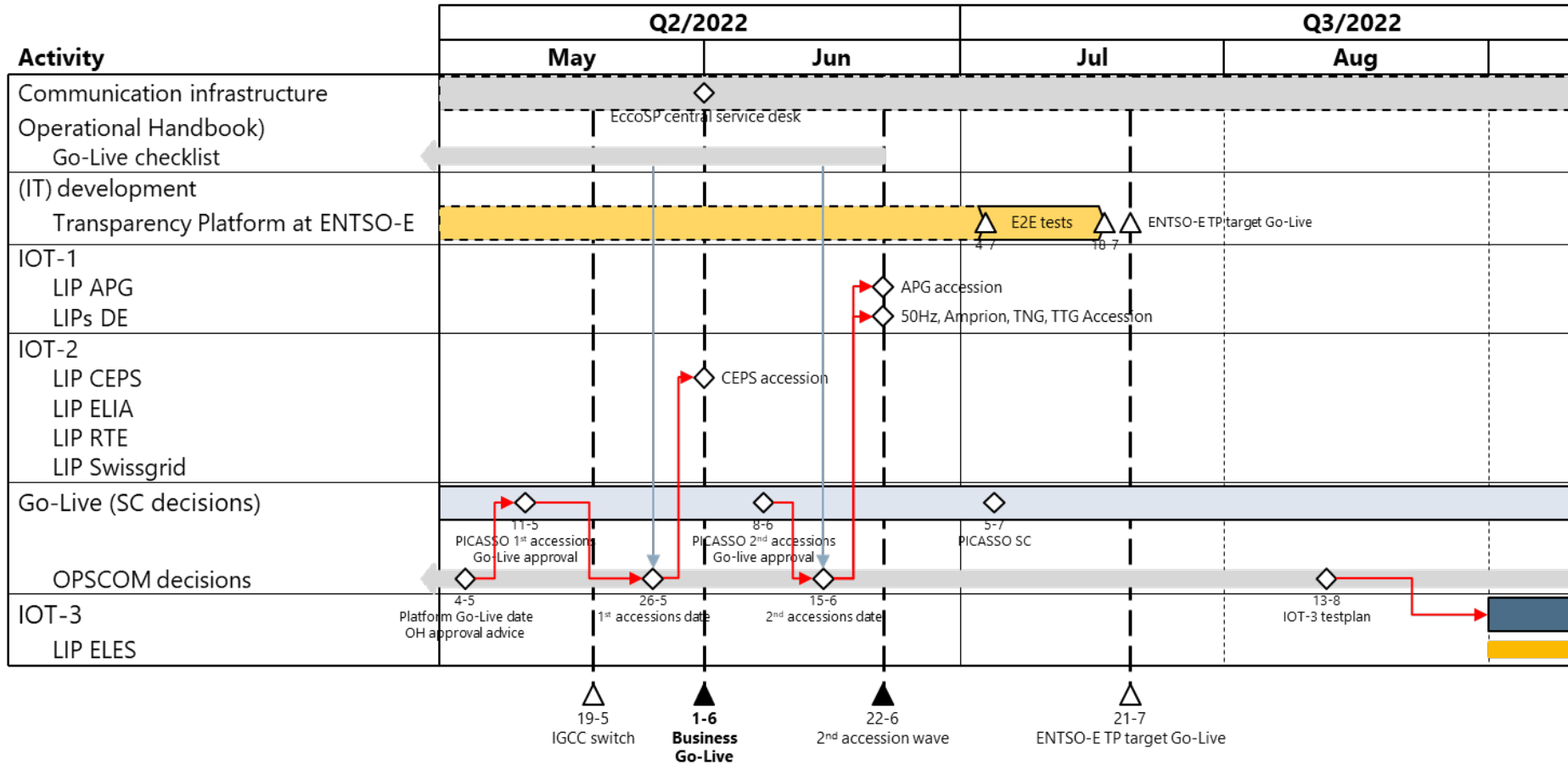


# PICASSO Status Update



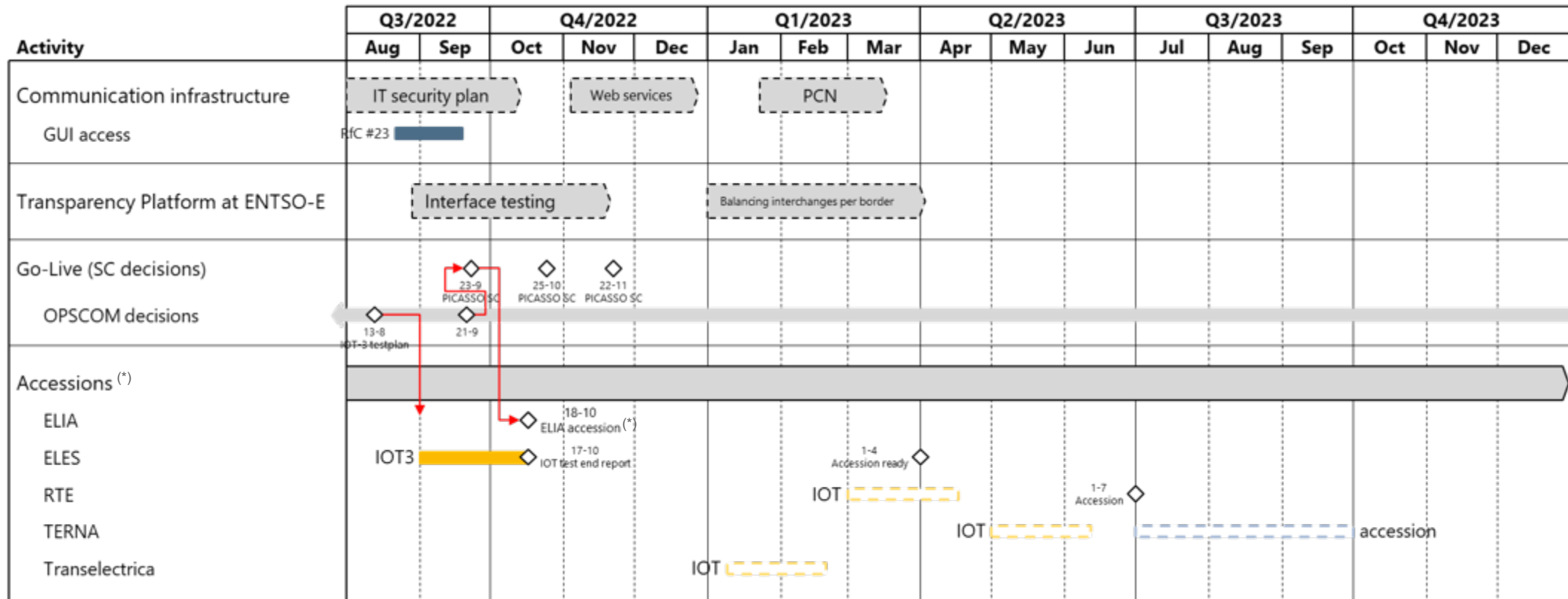
# 1. PICASSO Project Overview

## High-Level Project Plan – What did we achieve in the previous months?



# 1. PICASSO Project Overview

## High-Level Project Plan – What will follow?



(\*) subject to final approval

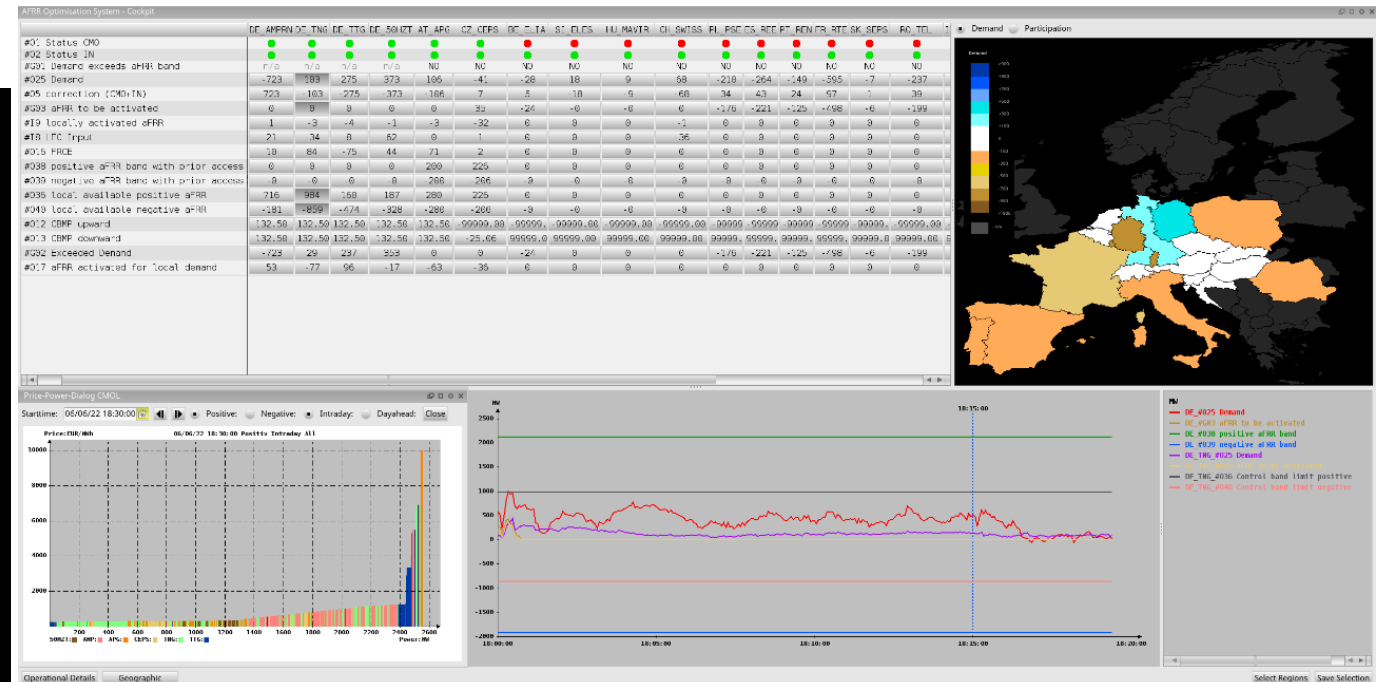
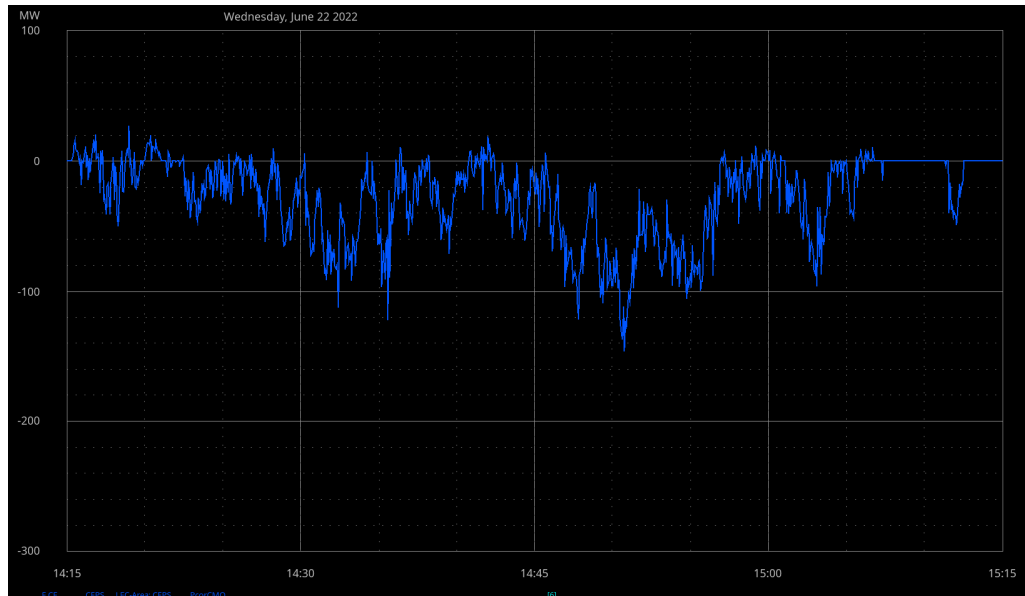


## Go-live of PICASSO and connection of first TSO (CEPS)

- 19<sup>th</sup> May: Go-live of the PICASSO IT-system, switch of IGCC to PICASSO IT-system
- 1<sup>st</sup> June: Go-live of the PICASSO platform together with the connection of the CEPS as first TSO
- since 29<sup>th</sup> May: continuous sending of local MOL from CEPS
- 1<sup>st</sup> June – 9:04: CEPS connected to the PICASSO optimization
- 22<sup>nd</sup> June – day shift: Connection of German TSO, later the day: first exchange of aFRR via PICASSO

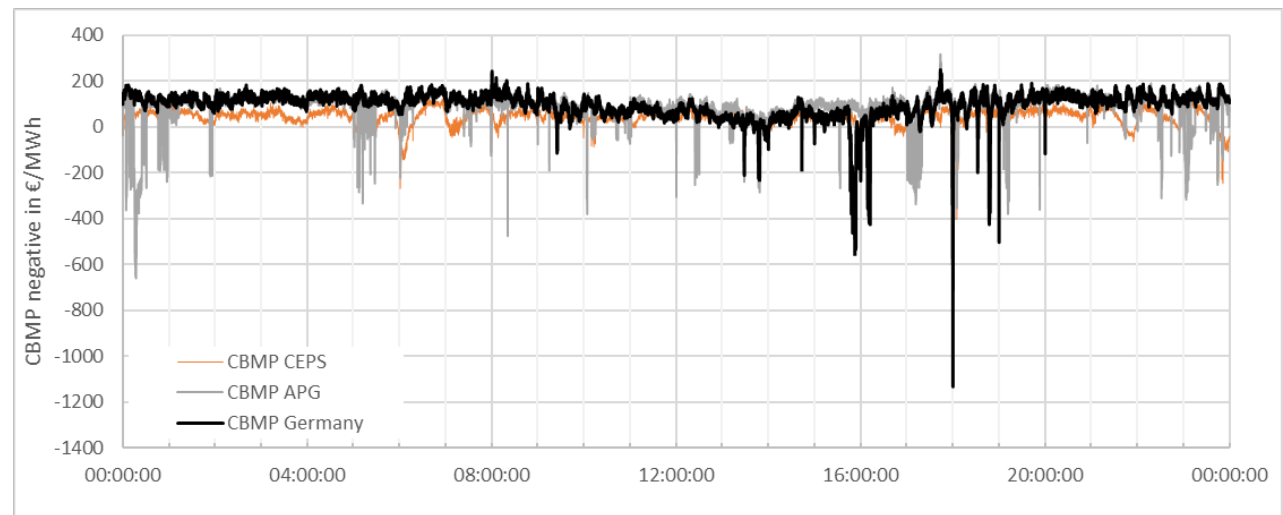
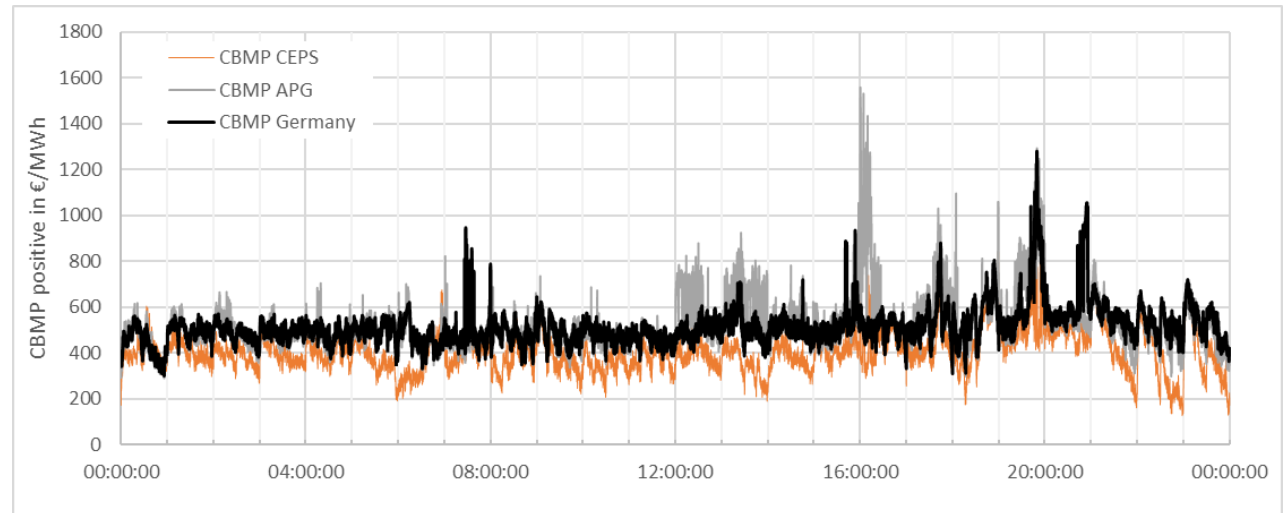
Since then, the operation is stable with continuous “infeed” of local MOLs and no significant disconnections.

## First exchange of aFRR over a longer period with CEPS





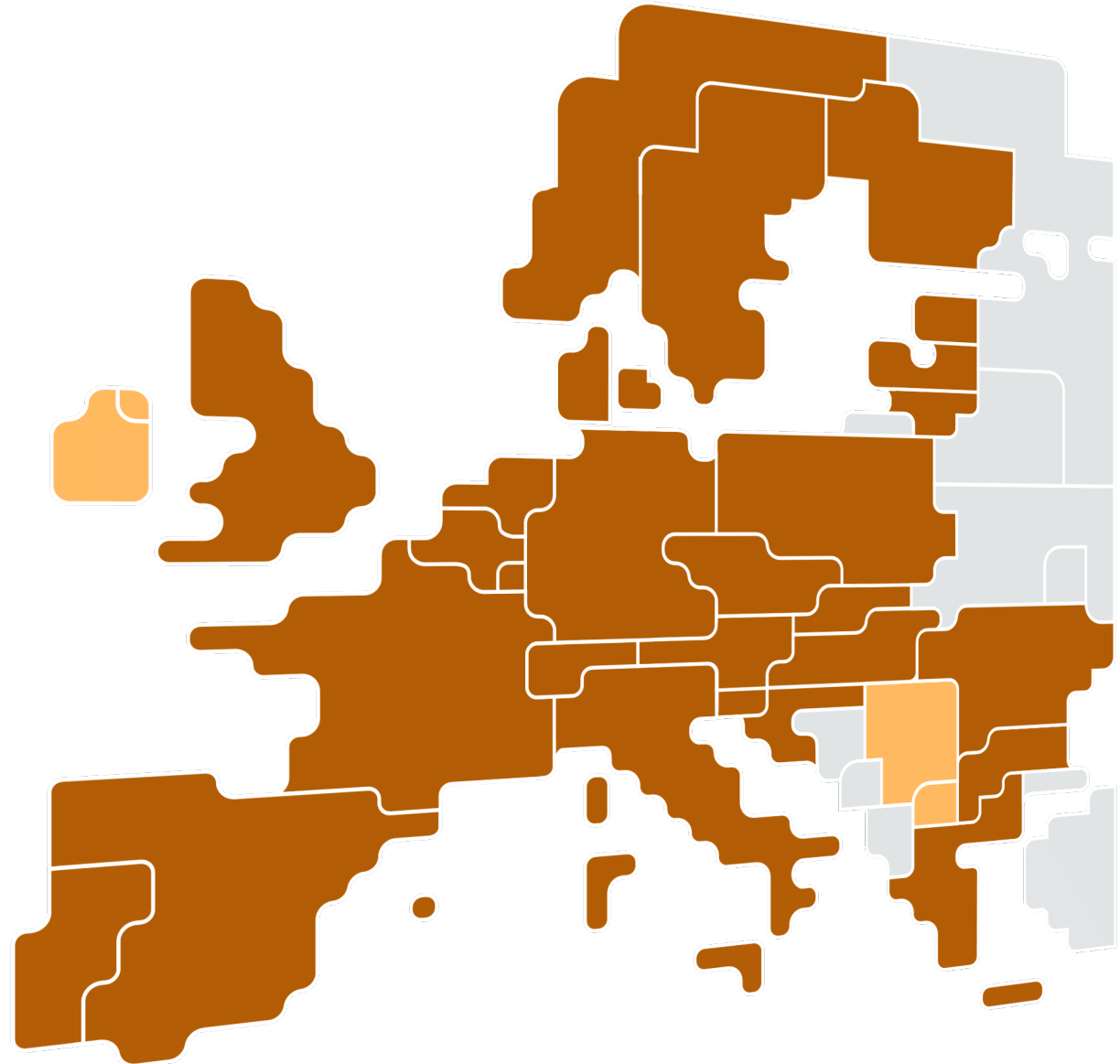
- PICASSO is calculating the CBMP every 4 seconds
- CBMP: „Cross Border Marginal Price“ (most expensive selected bid is defining the marginal price)
- Positive price for the negative demand (-> negative CBMP) represents a payment direction from BSP to grid
- Shown here is the deterministic\* part of the CBMP, based on the data of July and August 2022
- CBMP is always influenced by the activated aFRR (based on the demand) and the bid structure.

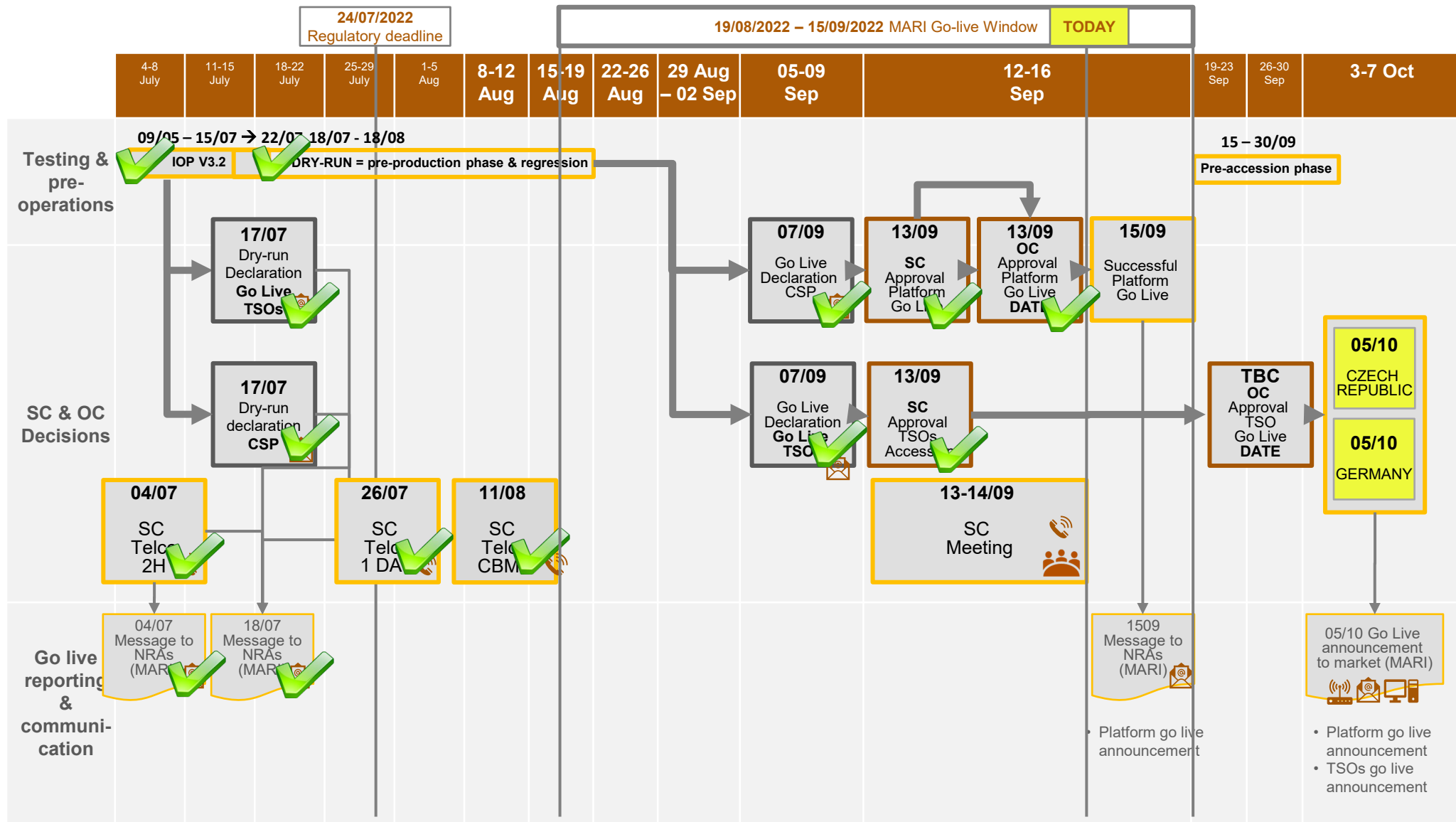
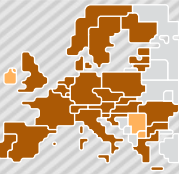


\*deterministic part: Calculated based on the mean value of all available values for one timestamp. So for example: The value at 00:00:12 is calculated based on the mean value from all values at 00:00:12 from all days in July and August. All those mean values form then one „deterministic“ day.

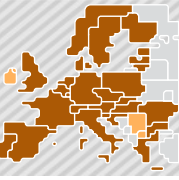


# MARI Status Update









### Go-live approach

- MARI & PICASSO have agreed to the go-live approach, entailing first the approval of the platform's full operational readiness for accessions (step 1), followed by approval of individual accessions, which can be at the same time or at different times (step 2).

### Current status

- On 2022/09/07, Amprion acting as Common Service Provider (CSP) has declared go-live readiness of MARI.
- On 2022/09/07, CEPS, Swissgrid and German TSOs have declared their go-live readiness.
- On 2022/09/13, MARI Steering Committee (MARI SC) has approved go-live readiness of MARI, CEPS and German TSOs.
- On 2022/09/13, MARI Operational Committee (MARI OC) has confirmed go-live readiness of MARI.
- On 2022/09/14, NRAs have been informed accordingly.
- On 2022/09/15, MARI will technical go-live.
- In the next days, MARI OC will confirm accession date of CEPS and German TSOs (currently excepted as of 2022/10/05).

