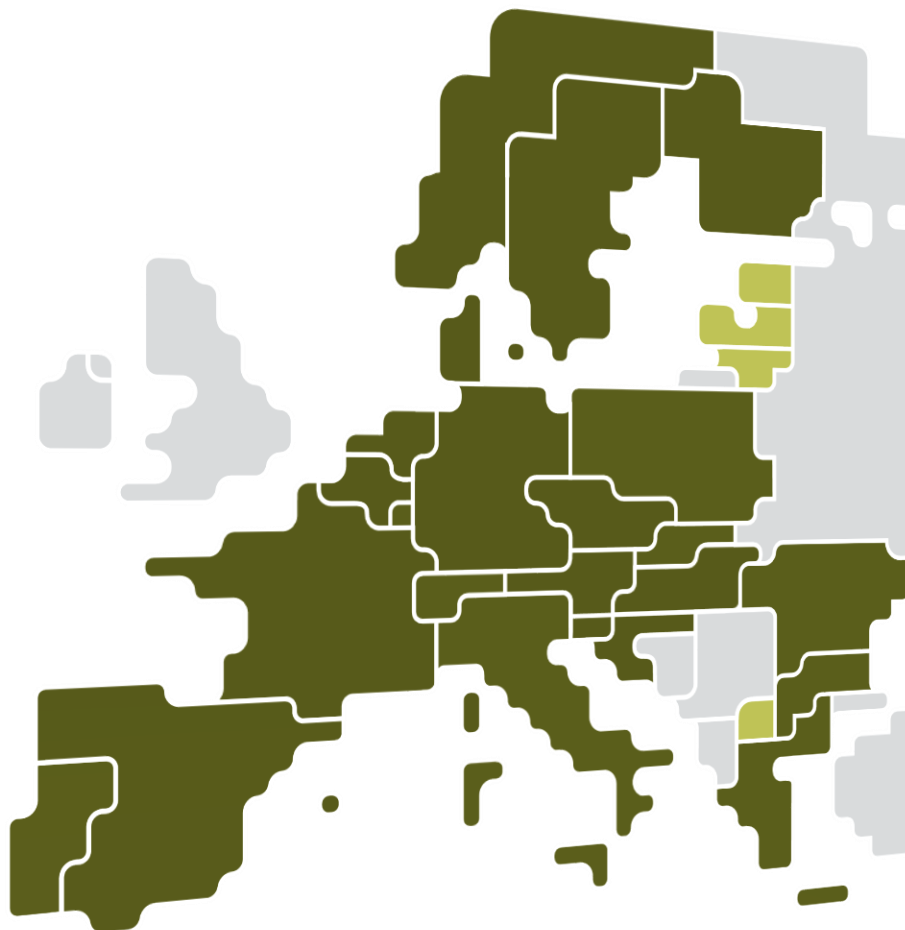


PICASSO project update



EBSG, 12 May 2022



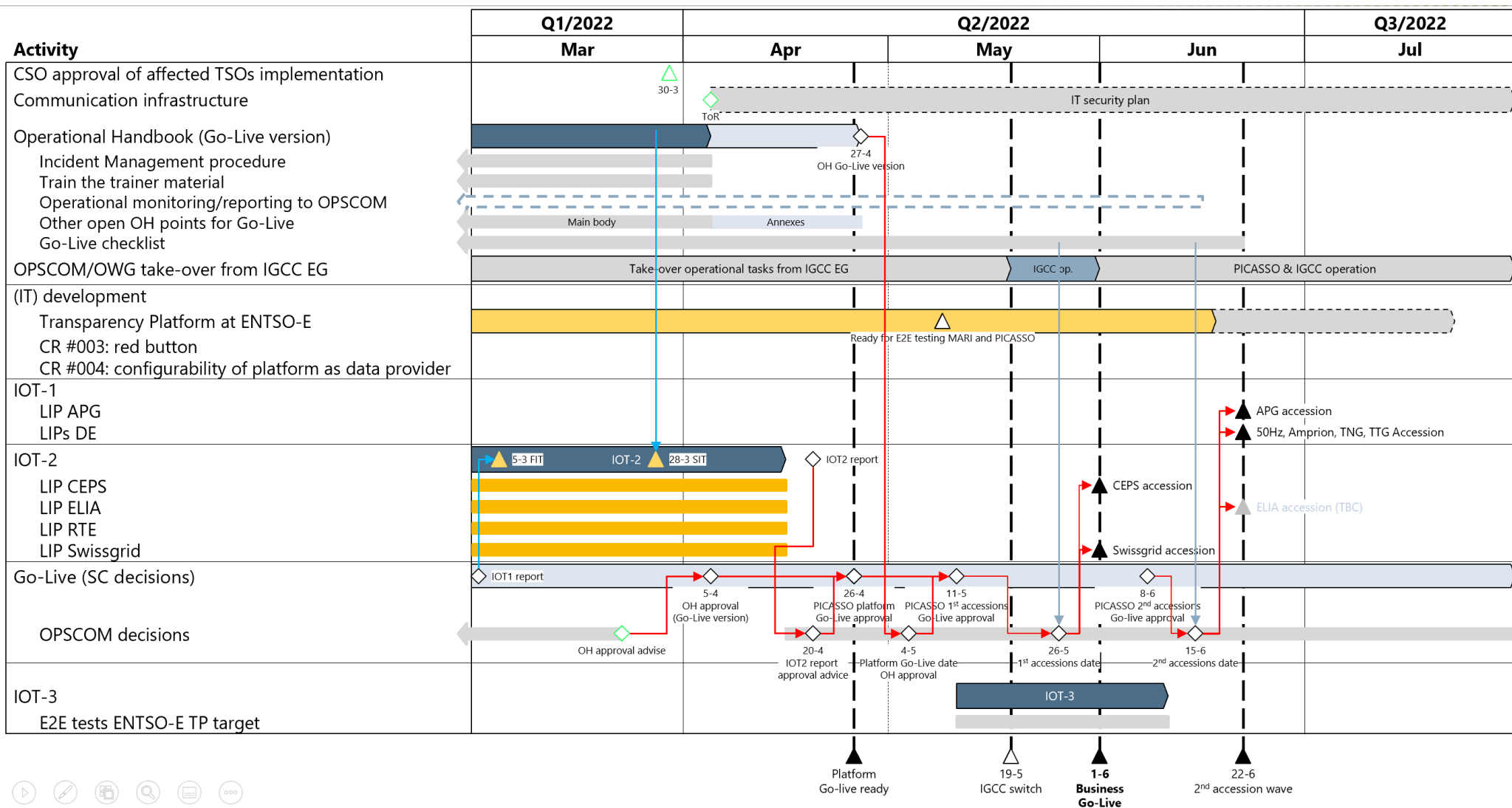


SUBJECT

- 1 **Project overview**
 - Detailed Go-live planning
- 2 **Project Management**
 - Accession Roadmap

1. PICASSO Project Overview

Detailed Go-live planning



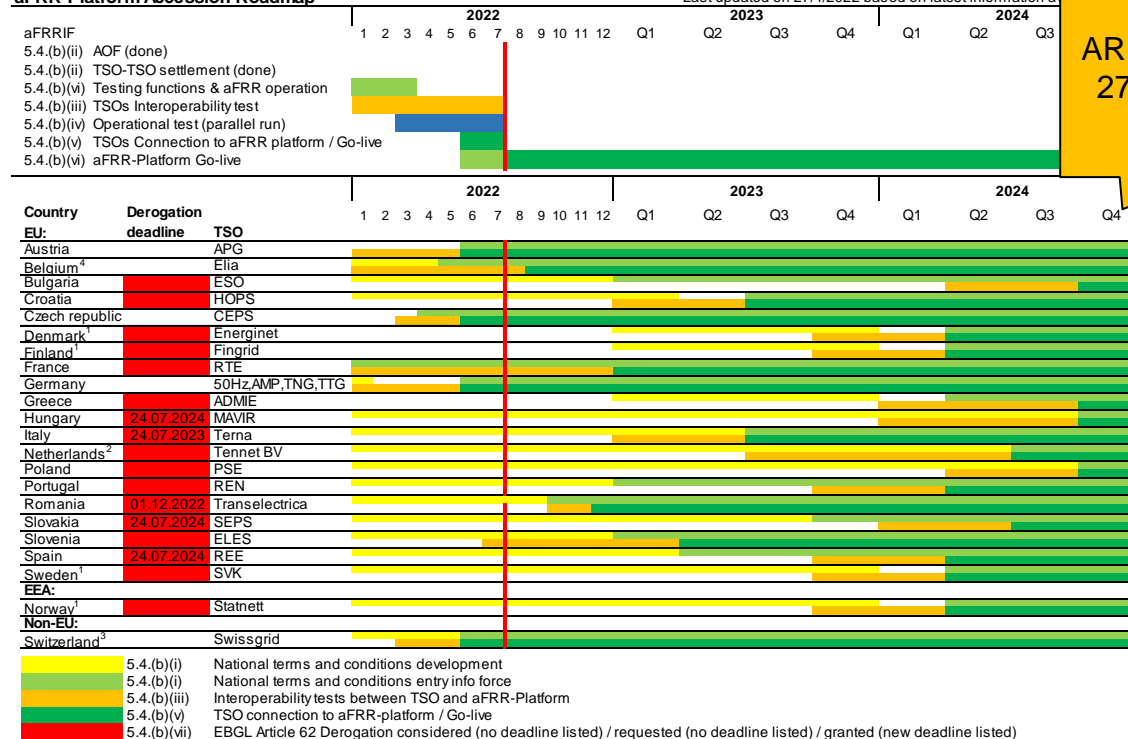
2. PICASSO Project Overview

Access Roadmap



The **Platform for the International Coordination of Automated Frequency Restoration and Stable System Operation (PICASSO)** is the implementation project endorsed by all TSOs through the ENTSO-E Market Committee to establish the European platform for the exchange of balancing energy from frequency restoration reserves with automatic activation or aFRR-Platform, pursuant to Article 21 of the Commission Regulation (EU) 2017/2195 of 23 November 2017 establishing a guideline on electricity balancing (EB GL).

aFRR-Platform Accession Roadmap Last updated on 27/4/2022 based on latest information available



AR to be published on 27-04 including final updates

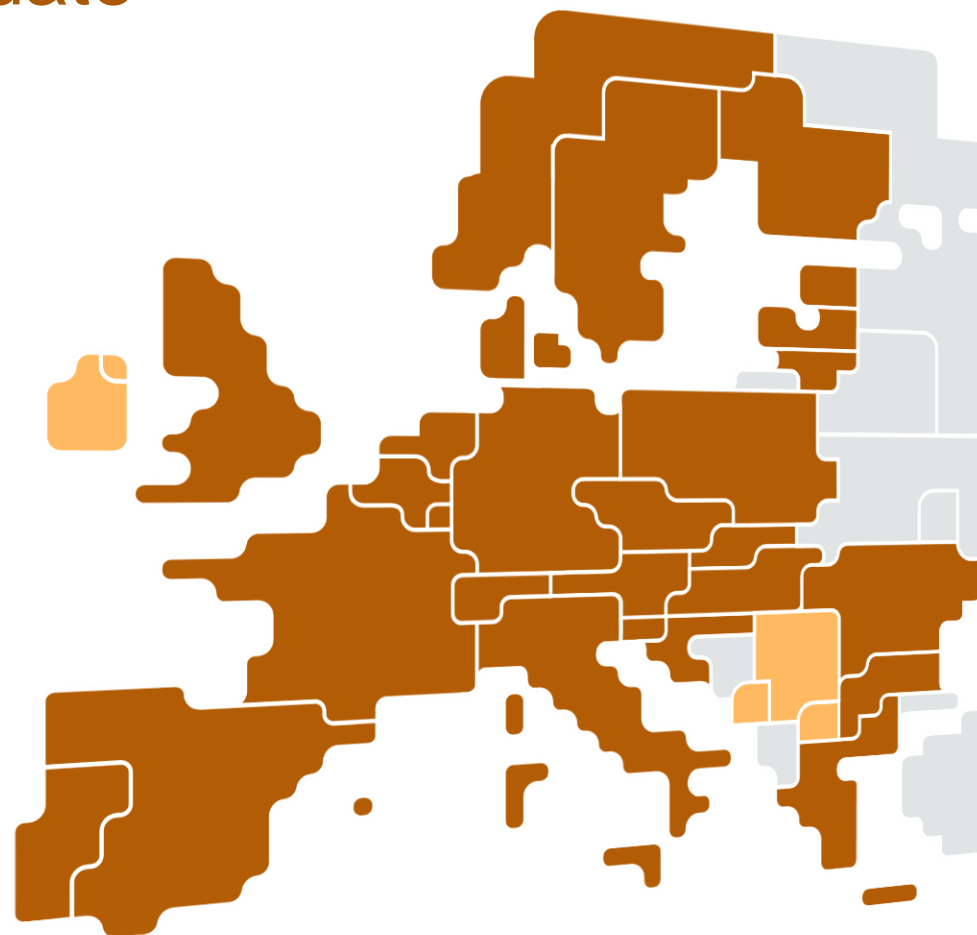


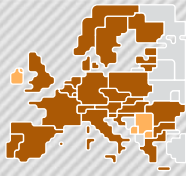
1) The Nordic TSOs sent their requests for derogation to their respective NRAs in January 2022. The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate. The planned connection time is expected in Q2 2024. 2) TenneT NL aims for implementation and go-live by July 2024 and has a requested a derogation until then. However, there is a real risk that the final derogation will take place even later than the requested derogation period. If TenneT takes these risks into account, TenneT expects to participate in the summer of 2025 to participate in the aFRR platform and TenneT will enter into discussions with relevant stakeholders if it becomes clear that the risks already in the planning manifest themselves. 3) The participation of Switzerland in the aFRR-Platform is regulated based on article 1.6 and 1.7 of the EB Regulation and currently the subject of litigation by Swissgrid at the General Court of the European Union. 4) A first version of the T&C will entry into force early May when local bidding will be adapted and a second one when ELIA will connect to PICASSO



MARI Project Update

EBSG, 12 May 2022





SUBJECT

Project overview

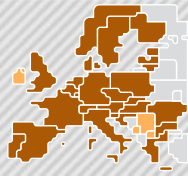
- 1
 - Updated go-live planning
 - Project planning

Project Management

- 2
 - Risks
 - Accession Roadmap
-

1. MARI Project Overview

MARI go-live planning update

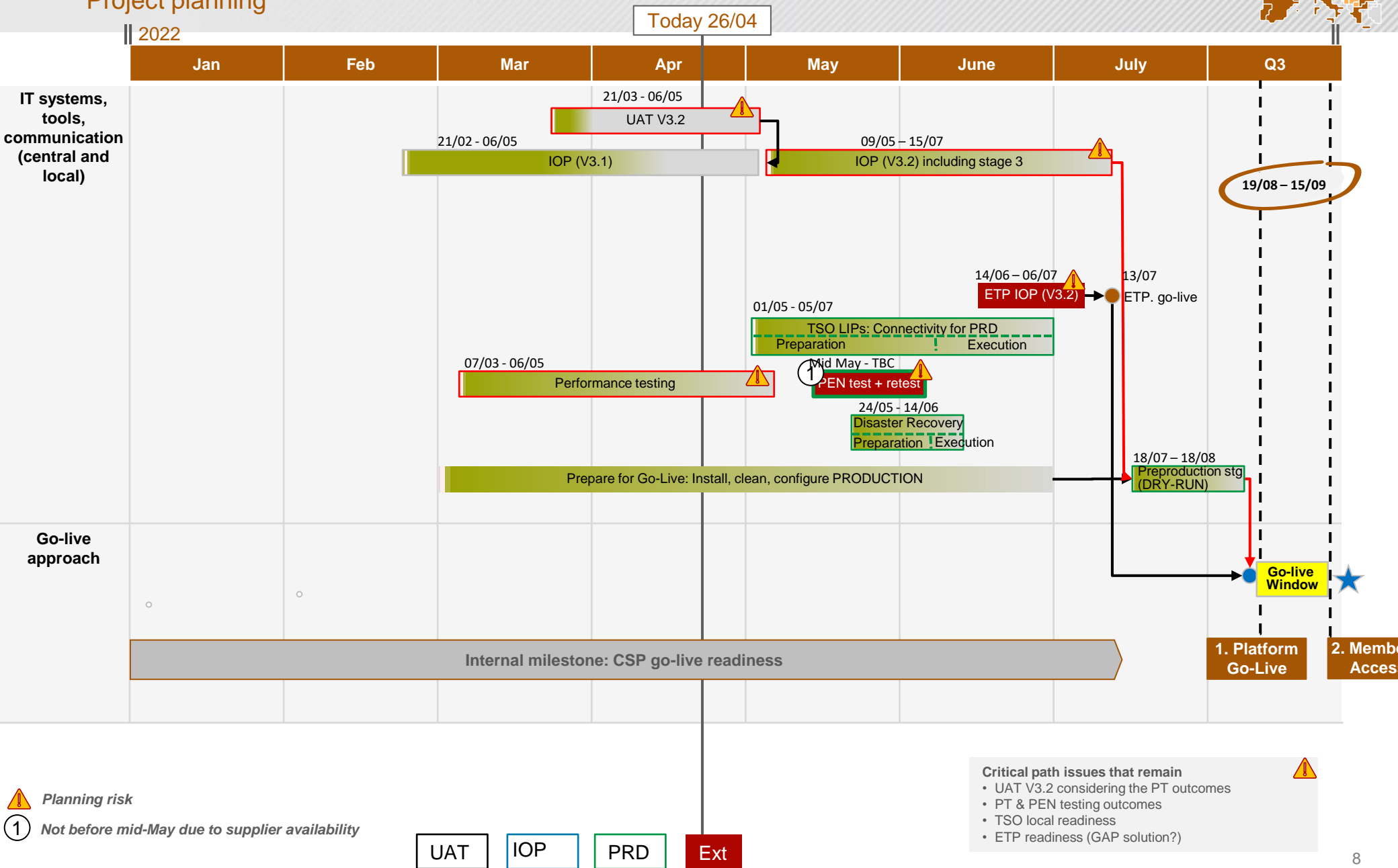


Update MARI go-live planning

- All slack in the planning has indeed been absorbed.
- The crisis in the Ukraine has impacted the project planning directly.
 - Part of the IT providers' staff (1/5) is located in the Ukraine.
 - The urgent synchronization request from Ukraine has been prioritized.
- Additionally, one of the internal project risks has materialized (performance testing) and this is currently being mitigated.
- After revising the activity planning and taking into account the materialized risk, MARI TSOs announce a go-live window from mid August to mid September.
- To ensure the updated go-live planning is achieved, TSOs intensify the already ongoing monitoring of the IT provider and general project activities.
 - Nonetheless, some internal project risks remain (reported in dedicated slide).
- TSOs aim to report on go-live readiness by mid July and confirm the go-live date end of July.

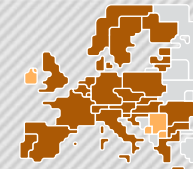
1. MARI Project Overview

Project planning



2. MARI Project Management

Accession Roadmap – 4th update



MARI Accession Roadmap

- The Manually Activated Reserves Initiative ('MARI') is the implementation project endorsed by all TSOs through ENTSO-E's Market Committee on 7 September 2017 to establish the European platform for the exchange of balancing energy from frequency restoration reserves with manual activation, i. e. the 'mFRR-Platform' pursuant to Article 20 of the EB Regulation.
- All MARI member TSOs (CREOS not listed as it is a non-operational member) are →
- Final version of the Accession Roadmap to be published on 27/04. Some information still to be confirmed.

Approved format updates

- Monthly granularity is introduced for all in Q2 2021 – Q2 2022, the rest is in quarter-year granularity.
- TSOs that have derogation granted have to include the derogation deadline when known.

