



aFRR-Platform Accession roadmap

Version	Description	Date
V1	Initial version	24/4/2020
V2	1 st update	27/10/2020
V3	2 nd update	27/4/2021

According to Implementation Framework for a European platform for the exchange of balancing energy from frequency restoration reserves with automatic activation (aFRRIF), Article 5, Paragraph 4 (b) member TSOs shall develop accession roadmap within three months after approval of aFRRIF (date of approval 24/1/2020).

The accession of member TSOs to aFRR-Platform (PICASSO) is planned in accordance with the following accession roadmap. PICASSO member TSOs and ENTSO-E Share this accession roadmap for informative purposes only and does not, in any case, represent a firm, binding or definitive position of PICASSO on the content. The content is subject to change as the implementation progresses and new information becomes available.

This accession roadmap will be updated at least twice a year to give stakeholders current information on the development.

Explanatory notes

Member TSOs below include an explanation for all aspects in the accession roadmap according to the aFRRIF:

5.4.(b)(i) the adaptation and implementation of terms and conditions for BSPs by each member TSO

- Member TSOs deemed relevant to split the development of T&C and their entry into force to provide clarity to stakeholders. Entry into force of T&C in some TSOs does not have to be adherent to the connection and Go-live of such TSOs in aFRR-Platform. In practice, the updated T&C may be applied in advance.

5.4.(b)(ii) the development of the functions of the aFRR-Platform

- Member TSOs provide further detail by splitting this point into the Activation Optimization Function (AOF) development and the TSO-TSO Settlement Function development.

5.4.(b)(iii) the interoperability tests between each TSO and the aFRR-Platform

- The interoperability tests between each TSO and the aFRR-Platform (end-to-end integration tests) start as soon as part of the platform, and TSOs are ready and finish by the Go-Live.

5.4.(b)(iv) the operational tests

- The operational tests provide a period for the TSOs to get acquainted with the new operational paradigm.

5.4.(b)(v) the connection of each TSO to the aFRR-Platform

- The connection of a TSO to the aFRR-Platform indicates the effective TSO business Go-Live after the successful performance of the interoperability and operational test.

5.4.(b)(vi) making the aFRR-Platform operational

- Member TSOs see as one part of this aspect testing of the aFRR-Platform functions and another part of the act of making the aFRR-Platform Go-live itself. That is why it was split in the accession roadmap to give stakeholders a better overview. The legal deadline for the Go-Live is set to 24/7/2022.

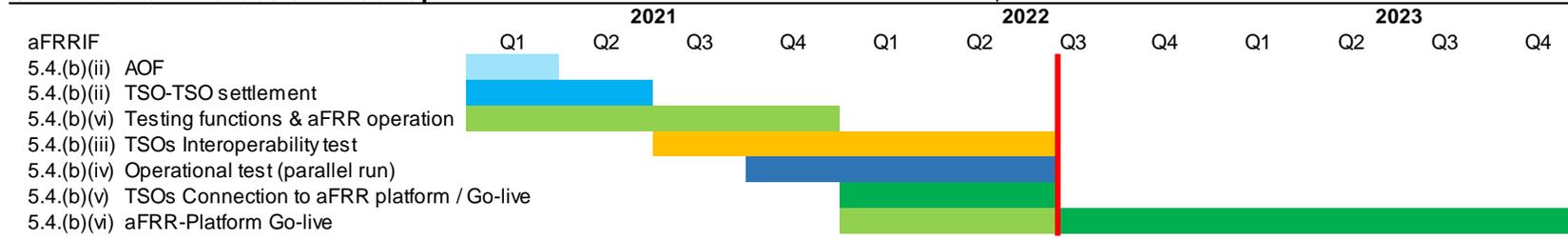
5.4.(b)(vii) the connection of all TSOs that have been granted a derogation by their respective regulatory authorities in accordance with Article 62 of EB Regulation

- TSOs have the possibility to request a derogation to their respective authorities – in the roadmap TSOs that are considering such option or already did request are marked in the accession roadmap.



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Last updated on 27/4/2021 based on latest information available.



Country	Derogation deadline	TSO	2021 Q1	2021 Q2	2021 Q3	2021 Q4	2022 Q1	2022 Q2	2022 Q3	2022 Q4	2023 Q1	2023 Q2	2023 Q3	2023 Q4
EU:														
Austria		APG	Active											
Belgium		Elia	Active											
Bulgaria		ESO	Active											
Croatia		HOPS	Active											
Czech republic		CEPS	Active											
Denmark ¹		Energinet	Active											
Finland ¹		Fingrid	Active											
France		RTE	Active											
Germany		50H,AMP,TNG,TTG	Active											
Greece		ADMIE	Active											
Hungary ²		MAVIR	Active											
Italy		Terna	Active											
Netherlands		Tennet BV	Active											
Poland		PSE	Active											
Portugal		REN	Active											
Romania		Transelectrica	Active											
Slovakia ³	7/2024	SEPS	Active											
Slovenia		ELES	Active											
Spain		REE	Active											
Sweden ¹		SVK	Active											
EEA:														
Norway ¹		Statnett	Active											
Non-EU:														
Switzerland		Swissgrid	Active											

- 5.4.(b)(i) National terms and conditions development
- 5.4.(b)(i) National terms and conditions entry into force
- 5.4.(b)(iii) Interoperability tests between TSO and aFRR-Platform
- 5.4.(b)(v) TSO connection to aFRR-platform / Go-live
- 5.4.(b)(vi) EBGL Article 62 Derogation considered (no deadline listed) / requested (no deadline listed) / granted (new deadline listed)

1) The Nordic TSOs are currently preparing their request for derogation. The detailed steps towards accession to PICASSO will be assessed as part of this process. The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate. The planned connection time is expected in the period Q3 2023 - Q2 2024. 2) MAVIR has already initiated discussions with its NRA with the intention to ask for derogation. 3) Derogation was granted by local NRA until 24. 7. 2024, but SEPS ambition is to join aFRR-Platform in Q1 2023 (depends on advancement of processes related to local implementation).