



## mFRR-Platform Accession roadmap

Version	Description	Date
V1	5th Update of Accession Roadmap	26/10/2022

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

The accession of member TSOs to mFRR-Platform (MARI) is planned in accordance with the following accession roadmap. MARI 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 MARI 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 mFRRIF:

#### 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 mFRR-Platform. In practice, the updated T&C may be applied in advance.

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

- The interoperability tests between each TSO and the mFRR-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 mFRR-Platform

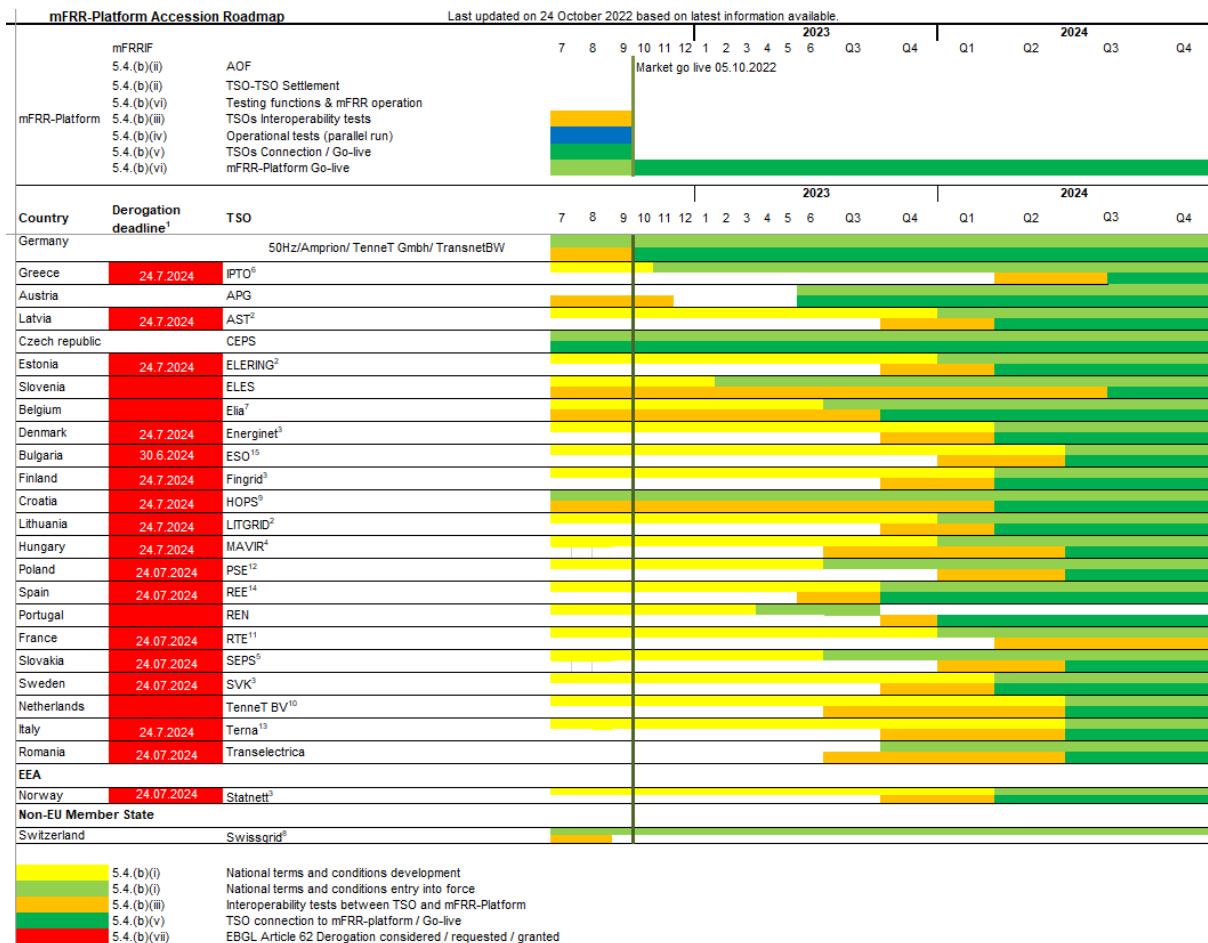
- The connection of a TSO to the mFRR-Platform indicates the effective TSO business Go-Live after successful performance of the interoperability and operational test.

#### 5.4.(b)(vi) making the mFRR-Platform operational

- Member TSOs see as one part of this aspect testing of the mFRR-Platform functions and another part of the act of making the mFRR-Platform Go-live itself. That is why it was split in the accession roadmap to give stakeholders 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.



<sup>1</sup> The technical Go Live of the MARI platform was 15 September 2022, while the first TSOs connected 5 October.

<sup>2</sup> Derogation request submitted by Baltic TSOs is approved by the Baltic NRAs. According to the NRAs decision, the planned connection time will be aligned with the Nordic TSOs, expected in Q2 - Q3 2024, but not later than 24.07.2024.

<sup>3</sup> The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate. The planned connection time is expected in Q2 2024.

<sup>4</sup> MAVIR - derogation was granted by local NRA until 24.07.2024.

<sup>5</sup> SEPS - derogation was granted by local NRA until 24.07.2024.

<sup>6</sup> IPTO was granted a derogation by the NRA until 24.07.2024. The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate.

<sup>7</sup> Elia was granted a derogation by the NRA until 24.07.2024. The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate.

<sup>8</sup> The technical readiness of Swissgrid has been acknowledged. The participation of Switzerland in the mFRR-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.

<sup>9</sup> HOPS - derogation was granted by local NRA until 24.07.2024., but HOPS's ambition is to join MARI Platform earlier (depends on progress of processes related to local implementation).

<sup>10</sup> 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 mFRR platform and TenneT will enter into discussions with relevant stakeholders if it becomes clear that the risks already in the planning manifest themselves.

<sup>11</sup> RTE was granted a derogation by the French NRA until 24.07.2024. However, at least one additional year will be required for RTE to connect to the MARI platform in order to ensure the operational security of the French electrical system

<sup>12</sup> PSE - derogation was granted by local NRA until 24.07.2024.

<sup>13</sup> TERNAL - derogation was granted by local NRA until 24.07.2024

<sup>14</sup> REE - derogation has been granted by the NRA until 24.07.2024. However, REE is urged to make its best effort to connect before 24.12.2023 (i.e 17 months after the legal date of implementation)

<sup>15</sup> ESO - derogation was granted by local NRA until 30.06.2024.