ELECTRICITY BALANCING GUIDELINE UPDATE

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MESC

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entsoe

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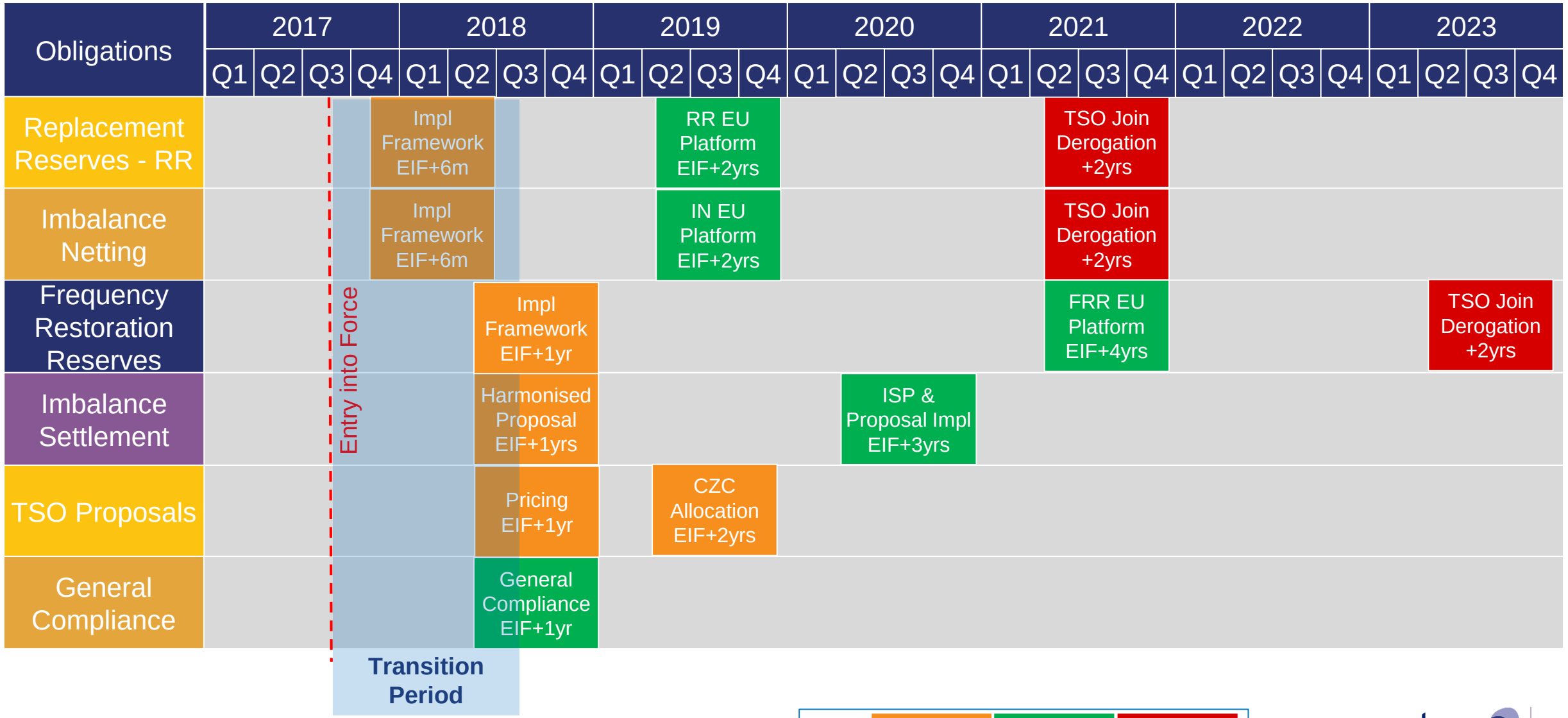
Update on EBGL process

- 9 February 2017 ECBC meeting
- 15 & 16 March 2017 ECBC meeting with vote foreseen

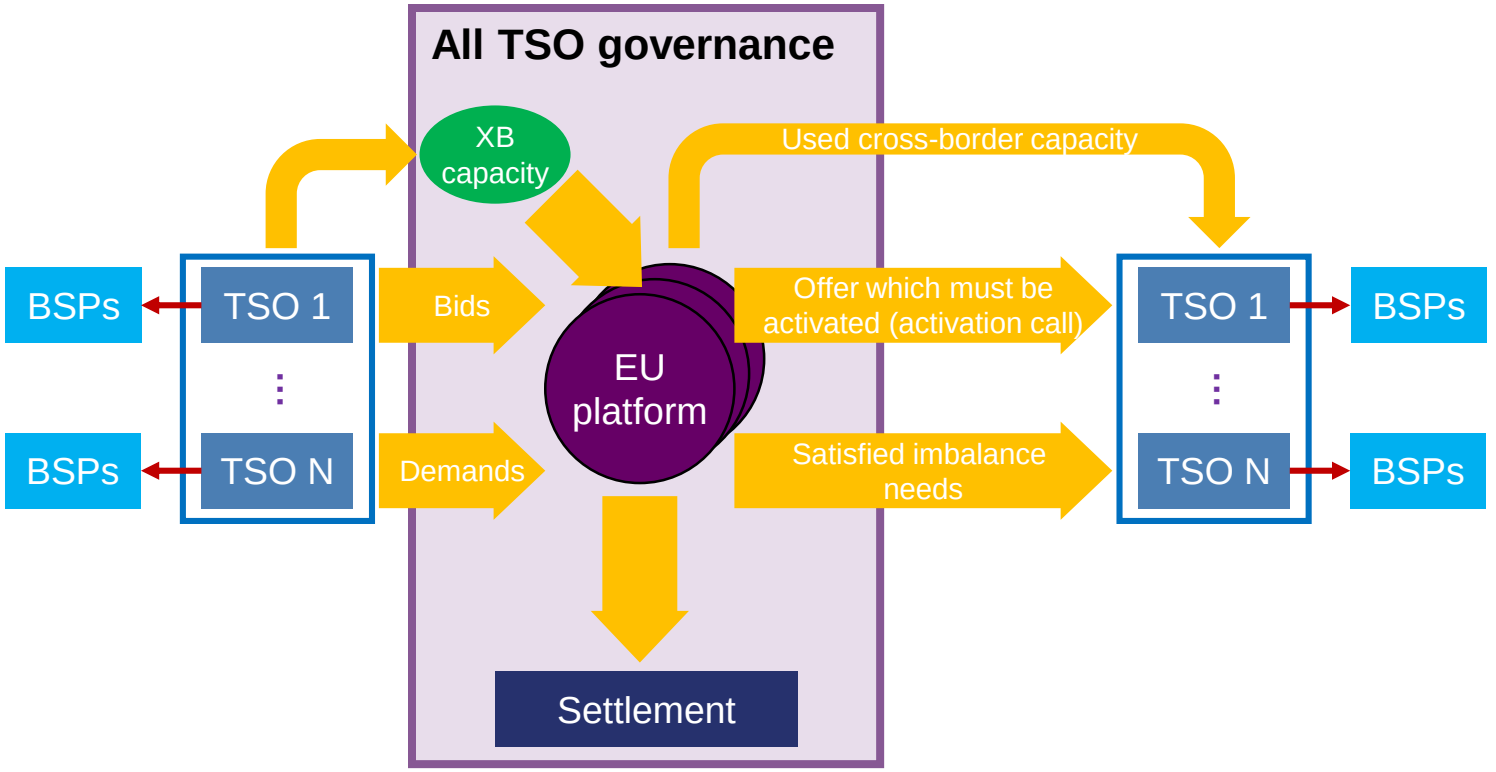
EBGL Timelines



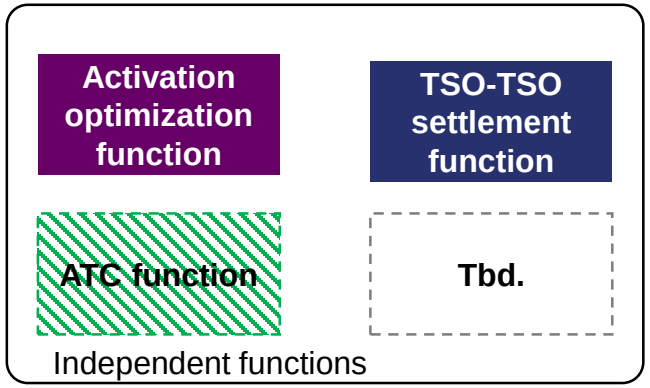
European Platforms

- European platform coordinates balancing energy activation requests of TSOs.
- As a TSO-TSO model is applied, activation requests and communication with national BSPs remains local.
- European platform comprises independent functions closely interacting with different (local) IT systems.

» Platform describes business processes on European level supported by different functions potentially performed by different IT systems.



European processes



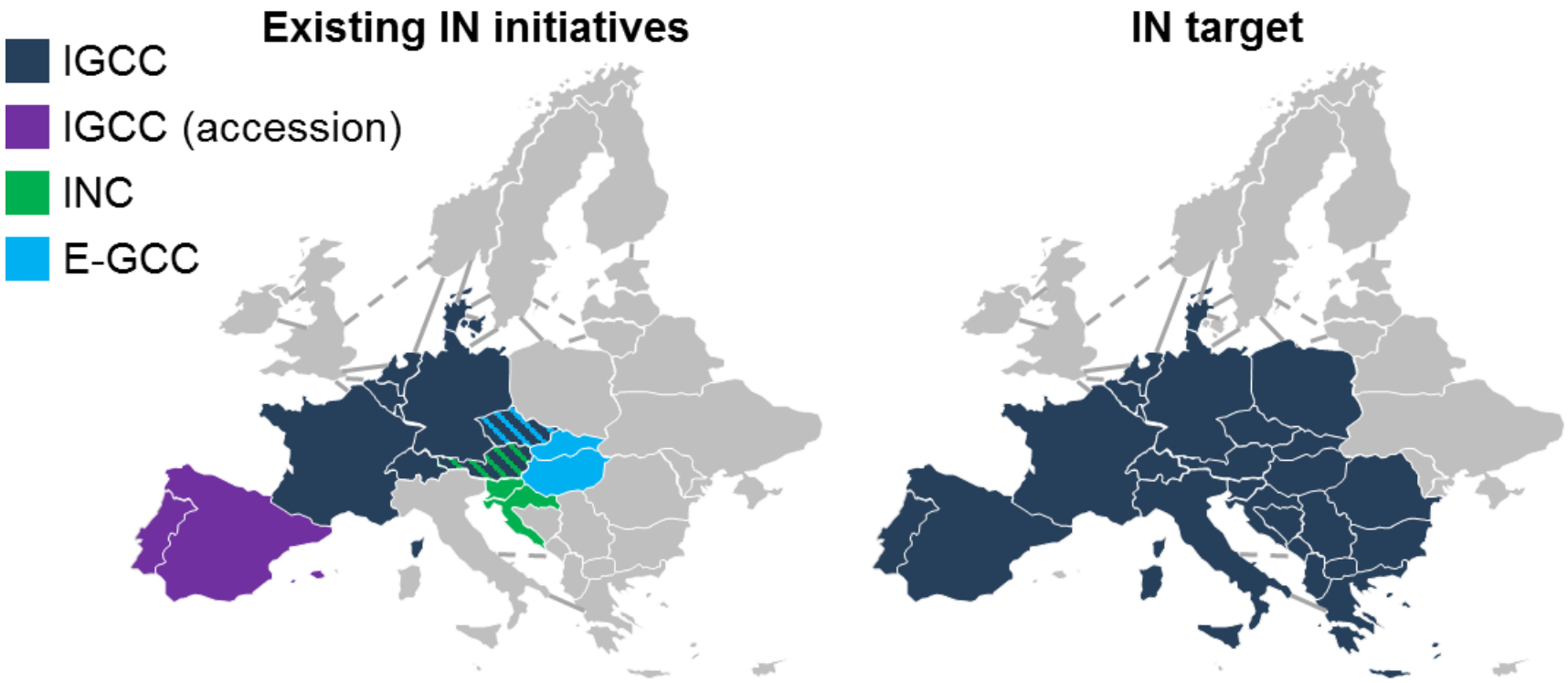
General Way forward to reach European FRR Targets

Constraints regarding timings

- According to GL EB, a proposal for the implementation framework of the European platform has to be submitted for approval one year after entry into force (i. e. Q3/2018).
  - Experience from TERRE: 1½ year required to put in place the high-level design for RR.
  - mFRR assumed to be equivalent to RR regarding timings.
  - aFRR might be more complex.
  - » However, there are some lessons learned from the ongoing discussions.
- » As a consequence, staring points have to be identified rather soon.
- » On the other hand, too early nomination of starting points/reference projects comes along with the risk of failing projects.

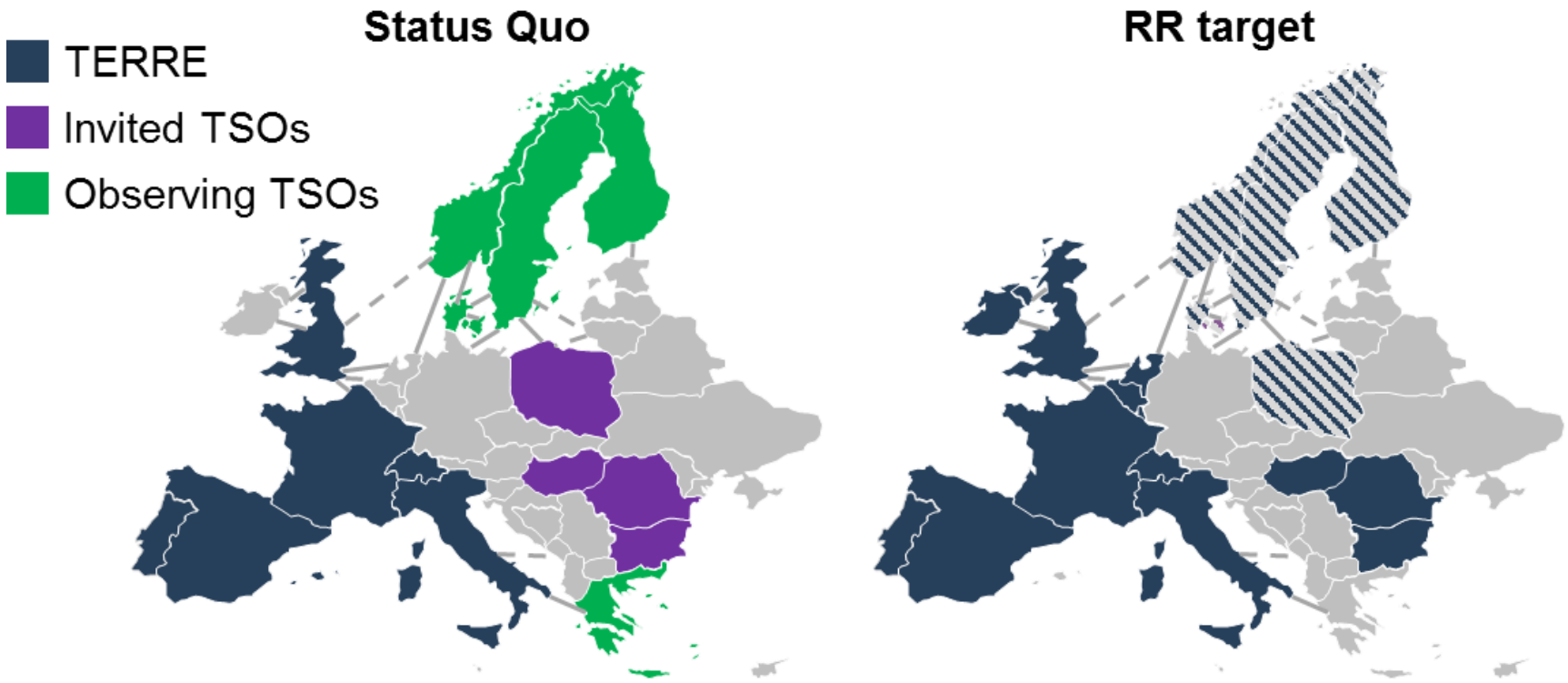
IN: Current Status

Starting point/reference project formally identified



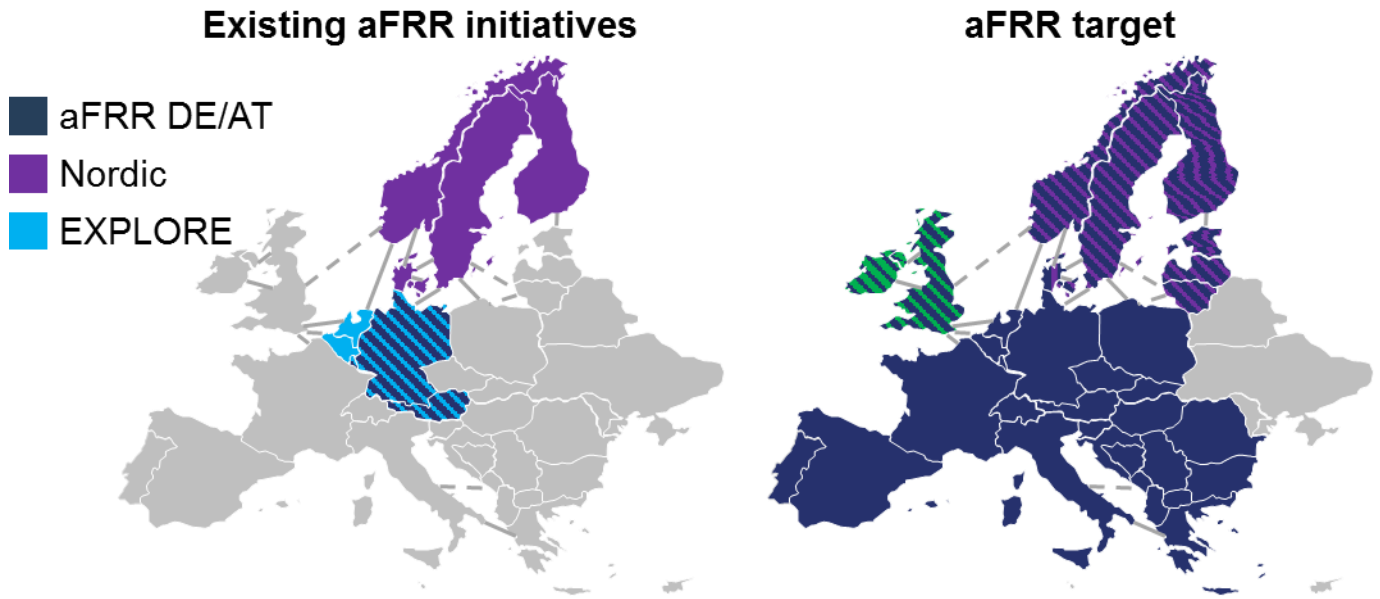
RR: Current Status

TERRE has been formally endorsed as RR implementation project.



aFRR: Current Status

- Currently, different European aFRR initiatives (not all mutual exclusive)
  - aFRR cooperation DE/AT (in operation)
  - Nordic
  - EXPLORE study (report finalized, next steps discussed)

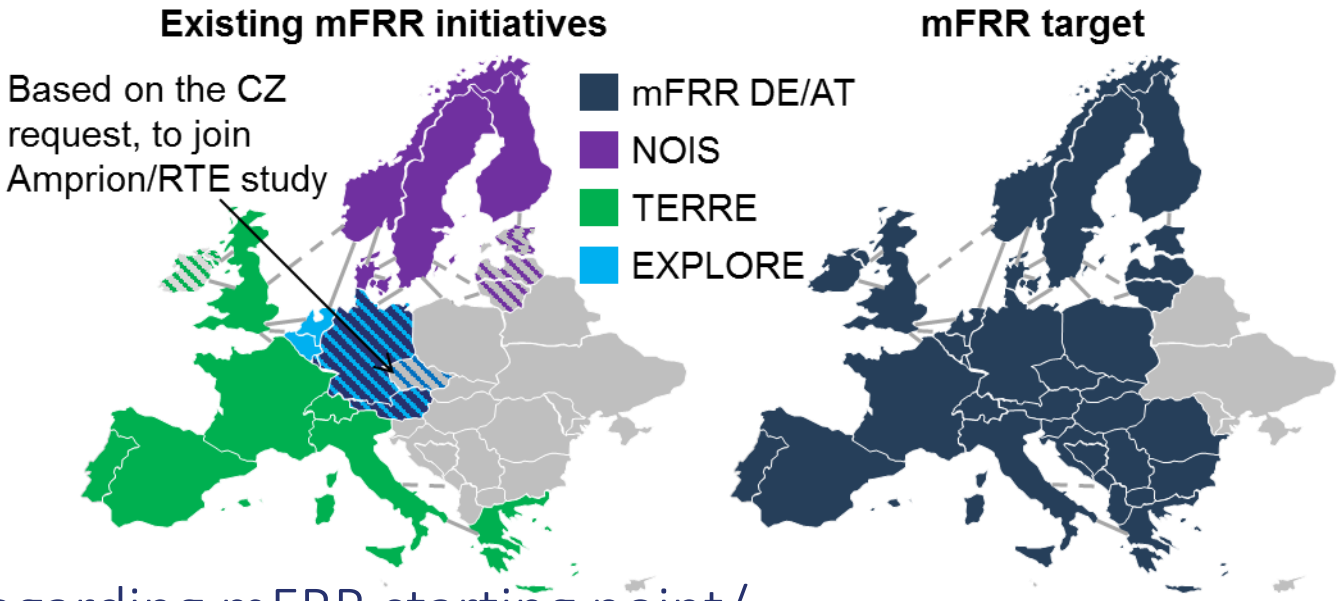


» Exact layout of EU target model depending on applicability of aFRR (UK, Baltics) and/or technical feasibility of cross-synchronous area exchange of aFRR (Nordics)

» Discussions regarding aFRR starting point/reference project ongoing

mFRR: Current Status

- Various existing/discussed initiatives
  - mFRR cooperation DE/AT (under development, go-live in next months)
  - EXPLORE study (report finalized, next steps under development)
  - TERRE
  - NOIS
  - Amprion/RTE study
- Attempt of European TSOs to combine efforts on mFRR



» Discussions regarding mFRR starting point/ reference project ongoing

Conclusions

- More detailed planning required to meet GL EB deadlines on EIM
- Starting point/reference projects for IN and RR have already been formally identified.
- Discussions regarding starting points/reference projects for mFRR and aFRR ongoing.
- As a consequence, too early to make decisions for starting points/reference projects.

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