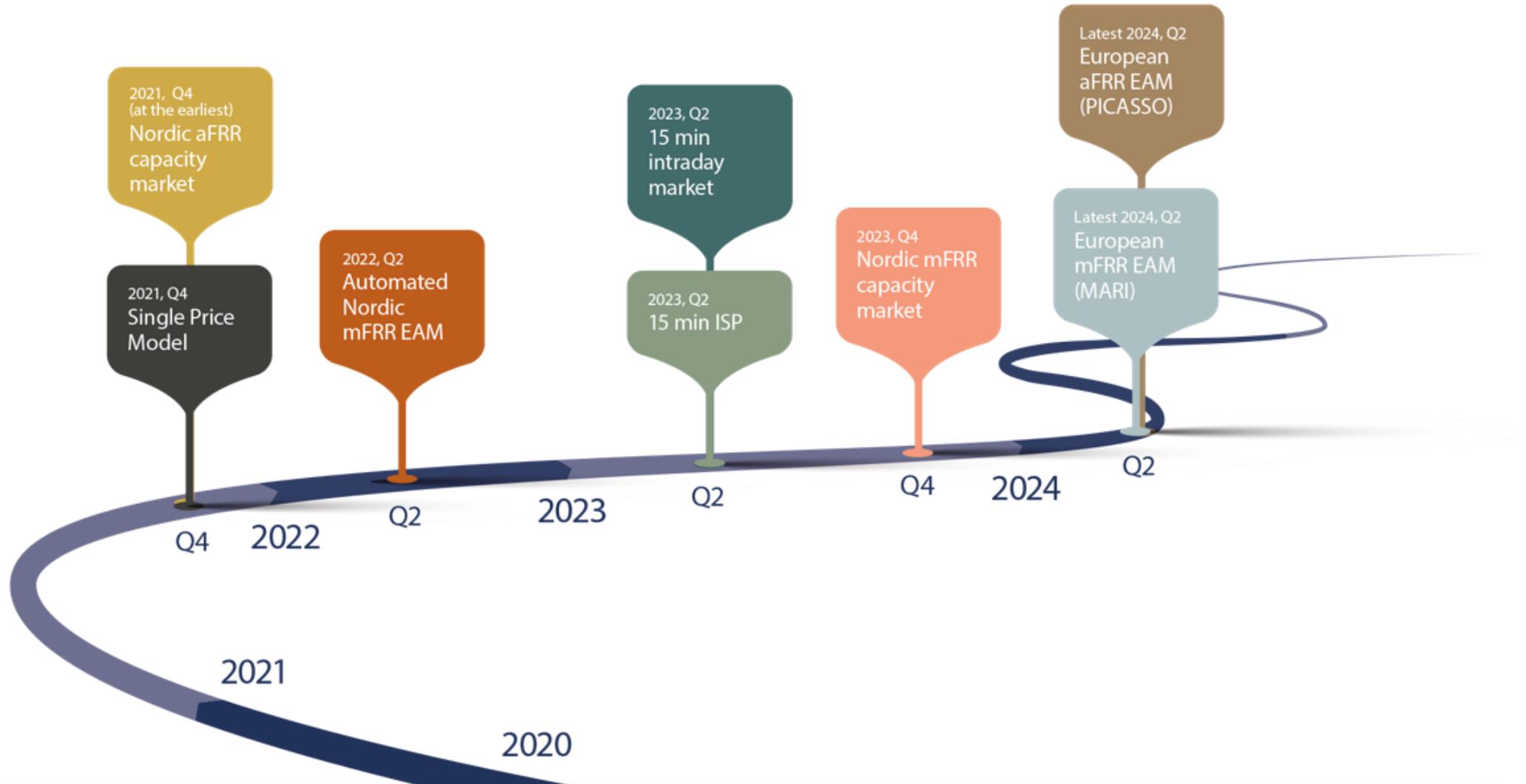


High level NBM roadmap



Updated NBM roadmap

Go live will be Q4 2021 at the earliest, subject to dialogue with the NRAs. The IT solution is ready. National markets are considered as bridge towards the Nordic market.

Singe Price on-going according to plan towards go-live Q4 2021

Nordic project for 15 minutes MTU in the ID and DA being established

On hold until aFRR CM is delivered

Latest 2024, Q2 European aFRR EAM (PICASSO)

Connection in Q3 2023 – Q2 2024

2021, Q4 (at the earliest) Nordic aFRR capacity market

2021, Q4 Single Price Model

2022, Q2 Automated Nordic mFRR EAM

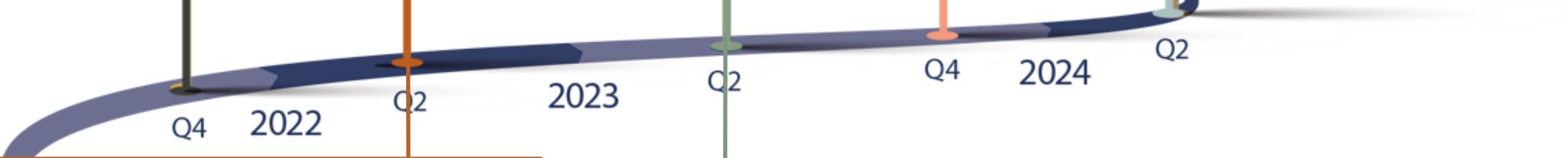
2023, Q2 15 min intraday market

2023, Q2 15 min ISP

2023, Q4 Nordic mFRR capacity market

Latest 2024, Q2 European mFRR EAM (MARI)

Connection in Q3 2023 – Q2 2024 Stakeholder workshop will be Dec 18 th.



First major milestone, electronic ordering of mFRR EAM achieved. Next major milestone is presenting imbalance forecast in the control centers. The switch to automated Nordic market represent the major milestone for stakeholders as they need to have systems ready. Based on more detailed description of the target model for the mFRR EAM we are reassessing the implmentation .

15 minutes ISP monitoring and coordination project established Four national implementation projects.