

Training market participants, 15 min MTU & MNAs

MESC meeting

Brussels, 18th December 2019

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TSO Co-chair

Agenda

1. Training market participants
2. 15 min MTU implementation and planned derogations/ go-live
3. MNA update

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SDAC's analysis on the implementation of 15 min MTU shows that multiple aspects challenge its introduction

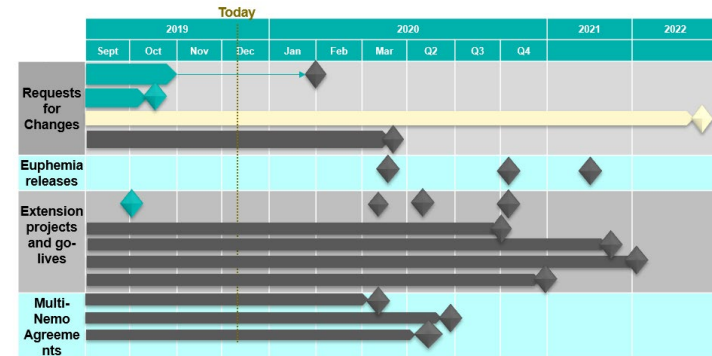
Algorithm performance is impacted

First diagnosis on performance has been carried out, reflecting difficulties to obtain a first solution

Further analysis required



Concurrent implementation of many other changes takes place in the SDAC market coupling process

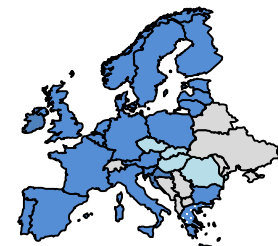


Heterogenous 15 min Imbalance Settlement Period (ISP) introduction across the EU affects design options and timeline

- 15 min MTU are linked with 15 min ISP
- Derogations of ISP introduction in many countries make a simultaneous introduction of 15 min MTU in whole SDAC market before 2025 impossible (end of last derogation)
→ Stepwise implementation makes introduction before 2025 possible
- Aspects to be integrated in the design of algorithm & related systems as well

Many stakeholders with their specificities and corresponding systems are involved

- Coordination of many parties
- Analysing & updating of all impacted systems



The multiple challenges the 15 min MTU implementation encounters make an earlied introduction very risky and could stress the whole market coupling

- Clean Energy package (Regulation (EU) 2019/943, Art. 8) brought forward the expectations to 1/1/2021 from 8/2022 (demanded by the Algorithm Methodology (Art 4.14 d))
- Possible solutions where the use of other requirements are reduced have to be analyzed with care
- Readiness of the 15 min MTU will be challenging and very unlikely by 1/1/2021
 - Additional R&D required + industrialisation + implementation
 - Next to performance, many other aspects influence the introduction
 - 15 min MTU might have impact on other projects in the pipeline
- Next steps
 - Further R&D on impact on performance required
 - Continue analysis on stepwise introduction/solutions for having different MTU across EU
 - Ensure coordination on implementation with other planned projects

Agenda

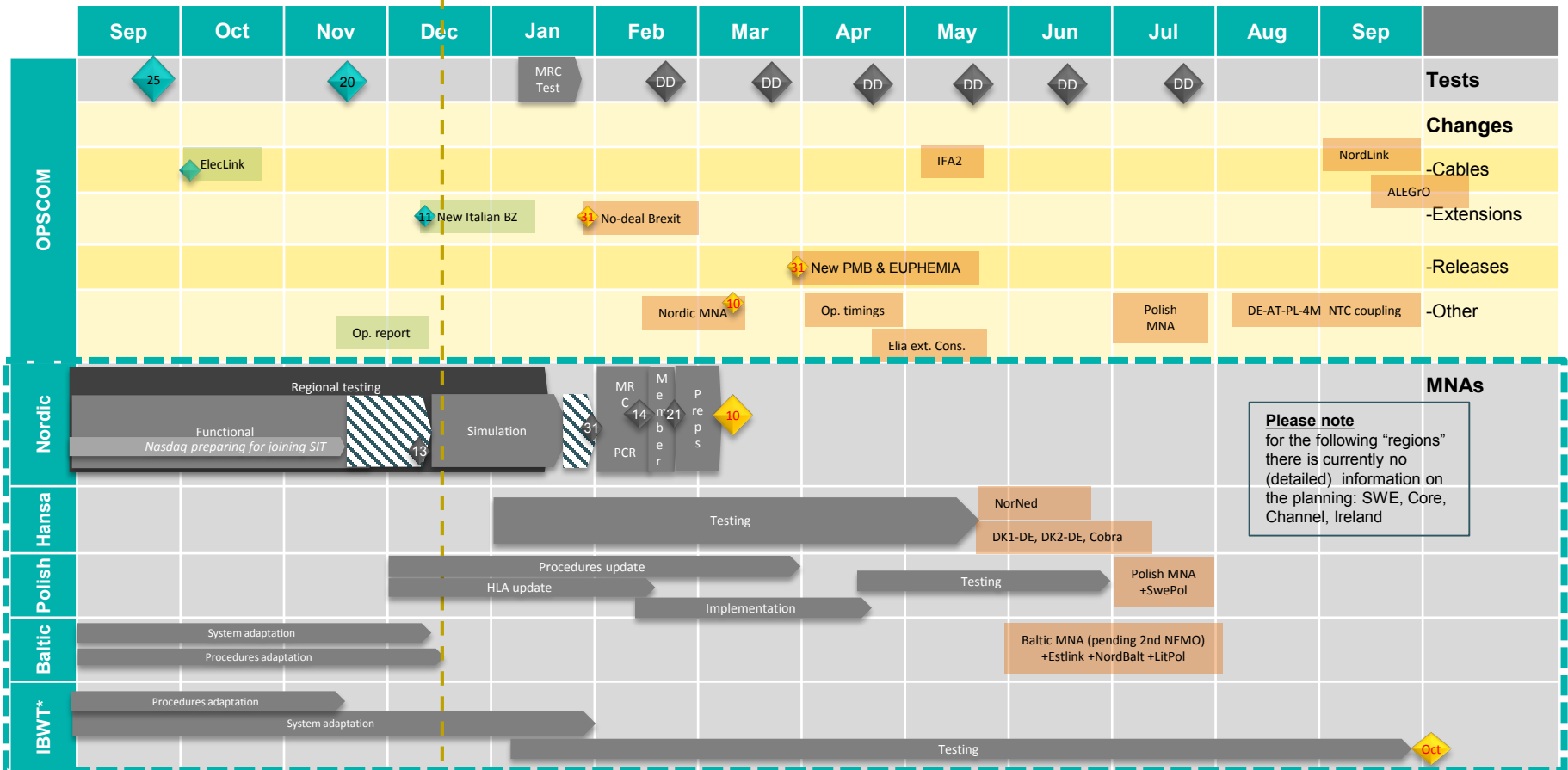
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MNA update – progress made since last MESC

- **Interdependencies between different MNA** implementation projects have been discussed. This has led to an update in the Go-Live sequence.
- The **Nordic MNA** project is in the middle of the regional Functional Integration Testing and about to make a transition to the Simulation Integration Testing. The testing stays challenging. A delay has been absorbed without putting the Go-Live date at risk.
- The **Polish MNA** project is detailing the technicalities of the solution, while taking into account the work for the intraday timeframe.
- The **Baltic MNA** project is reflecting on how to handle the fact that there will not be a second NEMO active in the Baltics this year. Agreement has been reached on what work needs to be completed by the end of 2019.
- An alignment call of CCRs on MNAs was held, during which the following topics were discussed: overall planning, external interconnectors, fallbacks, rollbacks, synergy potential, Go-Lives sequence.

MNA update: Calendar

Today



Please note
for the following "regions" there is currently no (detailed) information on the planning: SWE, Core, Channel, Ireland

Legend:

- DD Planned
- DD Missed
- DD Completed
- DD Partially completed
- Process
- Go-Live window
- Contingency
- Go-Live date

*IBWT MNA Roadmap under revision, since it is different MNA implementation than other MNA projects