



*Flowbased Implementation (FBIMP)*

*NEMO Involvement*

2022.06.29

# *FBIMP phase 1 External Parallel Runs*

NEMOs are responsible for operating the External Parallel Runs jointly with NRSC according to an agreed rooster, 50/50 distribution between NEMOs and NRSC.

Tool for running the External Parallel Runs is the Simulation Facility, web based tool to run simulations using the SDAC algorithm Euphemia.

- Grace Period, 14 days

Main NEMO activities as part of Phase 1 External Parallel Runs

- Topology mapping and keeping the relevant topology up to date so it possible to run the simulations
- Support and clarification in relation to the Grace Period discussions
- The actual operating of the Simulation Facility
- Various checks that inputs and output files, when responsible for the actual simulations
- Add-hoc questions and clarification in case of issues along the way

NOTE: NEMOs are not directly part of the daily work in the CCM project, thus we are not part of analyzing the data nor preparing the various reports, but we have provided our feedback in the official channels! Furthermore, a market impact analysis is on-going to which NEMOs will take part in.

# *FBIMP phase 2 Design and Implementation*

The Nordic Flow Based Implementation Project kicked off in Jan 2020

Main objectives:

- Agreed on the Technical design to update the production systems
- Develop and Test the solution
- Update Nordic procedures and agreements to reflect change to FB
- The actual go-live of FB in the Nordics

Phase 1 and Phase 2 are happening in parallel at the moment but with very different activities.

Main NEMOs involvement and effort is in Phase 2 of this project, as this is the project that will in the end go-live with FB in the Nordics.

Note: that there is a hard time dependency between the Phase 1 External Parallel Runs and the Phase 2, due to the need to successfully finalize the External Parallel Runs before Phase 2 can go live.

Prolonged delays in External Parallel Runs will impact the earliest possible go live for Phase 2.

NEMOs support efforts towards NRAs to finalize the criteria of the KPI reporting period, in order to lock the project planning.



# *FBIMP phase 2 status*

- Pre-coupling and coupling design completed, also important for other main projects coming in the Nordics after FB.
- Post-coupling design is a bit delayed, however these activities are not on the projects critical path at them moment.
- Development on NEMO side can start from Week 24 for pre-coupling & coupling phases - it is indeed a shared view that it will be beneficial for the project to go ahead with what is readily available, even though uncertainties remain on the global planning.
- Operational procedures are being updated based upon the agreed design, main changes due to the different input files.
- Test activities will start after the summer vacation, new test manager is still to be hired expected right after the summer vacation.

# Questions?



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