Work Plan of the MCSC for 2027

26.11.2026

1. Introduction

Role of the Market Coupling Steering Committee

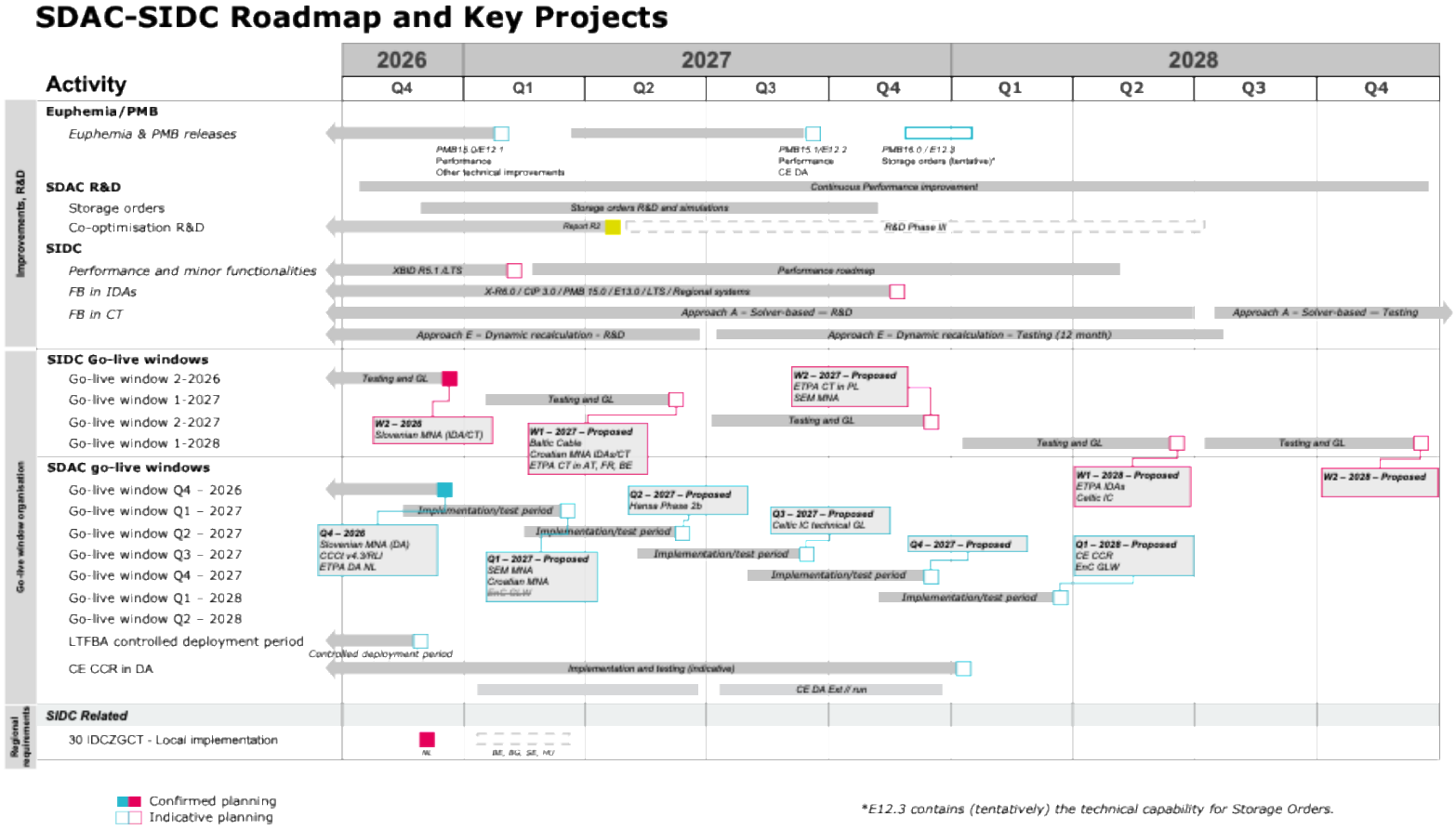
The Market Coupling Steering Committee (MCSC) is the contractually established body of the Nominated Electricity Market Operators (NEMOs) and Transmission System Operators (TSOs) responsible for facilitating the cooperation between NEMOs and TSOs in relation to the operation and further development of the Single Day-Ahead Coupling (SDAC) and Single Intraday Coupling (SIDC).

Purpose of this Work Plan

This Work Plan outlines the key strategic objectives, deliverables and major activities foreseen for 2027. It provides stakeholders with a consolidated overview of the initiatives supporting the continued expansion of SDAC and SIDC.

2. Roadmap of Key Deliverables

The MCSC is hereby presenting its Work Plan for 2027, which includes the overview of its expected common tasks (not necessarily listed in order of relevance), as well as the visualization of the timeline via a roadmap which describes the expected key projects with a go-live in 2027 and 2028.



Picture 1 – Roadmap and Key projects (as of November 24 2026)

The roadmap above presents only the most crucial projects. Further information on further developments is provided in the breakdown of expected tasks and deliverables below.

3. Joint SDAC and SIDC Activities

3.1 Governance and Stakeholder Management

The MCSC will continue supporting transparent and effective stakeholder engagement through:

- Regular reporting and communication towards MESC, MCCG, PCG and other stakeholder forums.
- Continuous improvement of the MCSC governance and decision-making processes to foster robust collaboration in compliance with the CACM Regulation.
- Coordination of joint NEMO-TSO activities.
- Assessment and management of cooperation-related legal matters.

3.2 CACM Compliance and Regulatory Activities

Main activities include:

- Preparatory work on any potential joint NEMO-TSO Terms, Conditions or Methodologies (TCMs) arising from the recast of CACM.
- Addressing any relevant legal aspects arising from the cooperation.

3.3 Market Integration and Development

The MCSC will support:

- Integration of the Energy Community Contracting Parties into SDAC and SIDC.
- Assessment of day-ahead improvements for market coupling operations.
- Development of the post-XBID Release 6.0 SIDC Continuous Trading roadmap.

3.4 Financial and Budget Management

Activities include:

- Management of SDAC and SIDC budgets.
- Introduction of the revised budget management and invoicing framework.
- Monitoring of expenditures and cost allocation arrangements.

4. SDAC Activities

4.1 Simulation Facility Enhancement

The Simulation Facility (SF) remains a key tool supporting market stakeholders.

Planned activities include:

- Organization of dedicated training sessions and providing continued operational support to SF users.
- Implementation of new versions of the Simulation Facility in line with EUPHEMIA production releases in PCR.
- Improvements related to IDAs functionalities.
- Development of the Application Programming Interface (API) functionality to support the automatization of simulation tasks.
- Improve the error handling for failed simulations and data imports.
- Implementation of a new functionality that supports the tracking of historical topology changes.
- Revision and update regarding internal and external documentation surrounding the Simulation Facility.

4.2 Testing Related to Cross-Border Projects

- Hansa Phase IIb.
- Celtic interconnector and EirGrid accessions to the Single Day-Ahead Coupling (SDAC) via the Single Electricity Market (SEM).
- Central Europe Capacity Calculation Region (CE CCR) related to the go-lives in 2027 of EUPHEMIA 12.1 and PMB 15.0.

4.3 Coordination of Testing Activities of Geographical Extensions and Central/Regional/Local Integration (Planning, Execution and Follow-Up)

- Croatian Multi-NEMO Arrangement (MNA).
- Expansion of BSP to Croatia.
- Expansion of Nord Pool EMCO to Croatia.
- SEM MNA.
- Expansion of Nord Pool EMCO to SEM.

4.4 Further Testing Activities

- Daylight Saving Time (DST) 2027 tests.
- Corrective Measures test.

4.5 Improvements to the Request for Change (RfC) Process

Activities include:

- Harmonizing cross-regional coordination for RfC implementation.
- Improving RfC data provision process for scalability report and algorithm assessment.
- Optimization of RfC Roadmap and testing activities.

4.6 Tasks Related to System Operations and to the Market

- Monitoring, solving and reporting any (potential) incidents in SDAC.
- Continuous improvements of the operational procedures.
- Ensuring robustness of the SDAC systems.
- Procedural updates for changes to SDAC (topology changes, MNAs, and other aspects).

4.7 Major Deliverables Include

- Further work on co-optimisation via the delivery of the R2 report, aligning on the scope of the R3 phase - and initiating it - while engaging with external stakeholders.
- Performance improvement of the EUPHEMIA algorithm and addition of a new Solver - Xpress - in production with Release E 12.0.
- Continuous developments to the corrective measures list.
- Finalization of a new order type: storage orders.
- First results of the Phase Shifting Transformers optimisation in EUPHEMIA (only for SDAC).
- Finalization and implementation of a new Adequacy Patch in EUPHEMIA.
- Discontinuation of the Cplex license.
- Implementation of the Central Europe CCR in SDAC.

5. SIDC Activities

5.1 Geographical Expansion and Integration – Testing Activities

The MCSC will coordinate testing activities of geographical extensions and central/regional/local integration (planning, execution and follow up):

- MNA in Croatia.
- MNA for Austria, France, Belgium, Nordic Region and Poland due to the extension of services of the ETPA NEMO.
- Integration of Baltic Cable in Continuous Trading (CT) and in Intraday Auctions (IDAs).
- Geographical extension to Ireland (in CT and in IDAs).
- Local/regional/central integration and go-live of Flow-Based (FB) in IDAs.

5.2 General Testing Activities and Testing Activities of New Software Releases

Key activities include:

- XBID Release performance improvements package (finalization of the testing).
- XBID Release 6.0 /Central Interface Point (CIP) 3.0 / PMB 15.1 / EUPHEMIA 12.2 – FB implementation in IDAs and losses enhancement implementation.
- Management of RfCs.
- Performance of DST testing.
- Management of testing environments.
- Further performance optimization in continuous trading.

5.3 Research and Development Work in Relation to Future Releases and Functionalities

- FB in CT (Dynamic ATC - Interim): scoping, analysis, specification and Minimum Viable Product (MVP) follow-up with DBAG.
- FB in CT (R&D): outcomes leading to the definition of new studies with optimization experts/IT providers and/or adjustments to the R&D plan.

5.4 Tasks Related to the Operation of the System and the Market

- Solving, monitoring, and reporting any (potential) incidents in SIDC.
- Enhancing procedures and strengthening operational resilience.
- General monitoring of performance and communication with the system supplier.

6. Conclusion

The MCSC Work Plan for 2027 focuses on delivering critical market integrations, major platform releases and regulatory preparedness. Through coordinated efforts across NEMOs, TSOs, working groups and task forces, the MCSC will continue supporting the efficient evolution of SDAC and SIDC in line with the European market integration objectives.