

Minutes Market Coupling Steering Committee Meeting

22. September 2022, Sheraton Frankfurt Airport

Present SDAC and/or SIDC parties

50Hertz	Creos	EPEX Spot	IBEX	OPCOM	Statnett
Admie	CROPEX	ESO	Kraftnät Åland	OTE	Svk
Amprion	EirGrid (TSO)	EXAA	Litgrid	PSE	Terna
APG	EirGrid / SONI (SEMO PX)	Fingrid	MAVIR	REE	TGE
AST	Elering	GME	Nasdaq	REN	Transelectrica
Baltic Cable	ELES	HEnEx	Nord Pool EMCO	RTE	Transnet BW
BSP	Elia	HOPS	OKTE	SEPS	TTG
ĈEPS	Energinet	HUPX	OMIE	SONI (TSO)	TTN

3rd parties

ARIGA	Artelys	BEA	E-Bridge	Ernst & Young	Indra
JAO					

Observers

ACER	EC	EMS	Entso-E	MEMO	MEPSO
OST	SEEPEX	Swissgrid	ETPA		

Present	By phone	Not attending
---------	----------	---------------

Meeting agenda

#	Topic	For	Presenter	File*
1	Welcome, practicalities		9:00-9:20	
1.1	TSO and NEMO cooperation	Inf	NC Chair	X
1.2	Confirm quorum	Inf	Secretary	■
1.3	Introductory statement by co-chairs	Inf	Co-chairs	X
1.4	Adoption of the agenda	Dec	Co-chairs	■
1.5	Matching of pre-aligned NEMO Vote and TSO Vote	Inf	Secretary	PP Link
2	JOINT – General points		9:20-9:30	
2.1	Approval of minutes (internal & external)	Dec	Secretaries	■
2.2	Review of action points	Inf	Secretaries	■
3	JOINT – Important points to highlight & decisions requested		9:30-10:20	
3.1	LTF input (10 min)	Dec	L TF leaders	■
3.2.	COM SG input (5 min)	Dec	Com TF leader	■
3.3.	Electronic signature survey outcome (5 min)	Dis	SDAC PMO	■
3.4	Further improvements to joint governance (30 min) <i>ToR</i>	Dec	WG governance	■
4	SDAC – Important points to highlight & decisions requested		10:20-12:20	
4.1	Appointment of SDAC MSD co-leader (5 min)	Dec	Co-chairs	■
4.2	SDAC OPSCOM (25 min) <i>Notable changes & events, testing & training, update on finding more time in daily operational processes for algo calculation, measures to avoid reaching max. price</i>	Dec	SDAC OPCOM leader	■
4.3	SDAC MSD (20 min) <i>15 min MTU performance updates, Euphemia/PMB release timeline/expected scopes, NUP: 4th study status, Iteration 8 budget for information</i>	Inf	SDAC MSD leaders	■
4.4	15 min MTU project (15 min) <i>Updated Master Test Plan, overall plan and risk register (Big Bang go-live)</i>	Dec	15 min MTU project manager	■
4.5	SDAC BMTF (20 min) <i>2023 budget</i>	Dis	SDAC BMTF leader	■

4.6	SDAC SF TF (30 min) <i>Measures on guaranteeing immediate SF availability; future of the tool</i>	Dec	SDAC SF TF leaders	■
4.7	MCSC members questions to TF/project reports (5 min) <i>SDAC reports in back-up (NEMO progress report, regional projects)</i>	Inf	Co-chairs	See back-up
5	SDAC – Any other business	12:20-12:25		
3	JOINT – Important points to highlight & decisions requested <i>(This session is to take place without subcontractors)</i>	12:25-13:00		
3.5	SDAC and SIDC Convener/PMO contract prolongation (5 min)	Dis	Co-chairs	Separate submission
3.6	Tendering (30 min)	Dec	Co-chairs	Separate submission
LUNCH BREAK		13:00-13:55		
6	SIDC – Important points to highlight & decisions requested	13:55-15:50		
6.1	Integrated Plan (5 min)	Inf	QARM convener	■
6.2	OPSCOM Status Report (10 min)	Dec	OPCOM convener	■
6.3	QARM Status Report including IDA Topics (20 min) <i>Roadmap, 4th wave go live preparation, XBID 4.0 (IDAs), IDA Testing approach, Euphemia CR on performance test</i>	Dec	QARM convener	■
6.4	MSD Status Report including IDA Topics (45 min) <i>Order types/products to be offered within IDA and EUPHEMIA performance tests results; negative ATC consideration for IDA, Partial decoupling IDA</i>	Dec	MSD convener	■
6.5	BMSG Status Report (30 min) <i>Budget 2023</i>	Dec	BMSG convener	■
6.6	MCSC members questions to reports (5 min) <i>NEMOs and TSOs Report, OTF Report</i>	Inf	Co-chairs	See back-up
7	SIDC – Any other business	15:50-15:55		
8	Closure meeting	15:55-16:00		
8.1	Next meetings venues	Inf	Co-chairs	■

* in these tables: ■ = material included in session file; ? = session file is expected to be delivered later; X = no corresponding session file

List of decisions

#	Topic	Decision
1.4	Adoption of the agenda	The meeting agenda is approved.
2.1	Approval of minutes	The minutes of the MCSC meeting on 14 and 15 June are approved, the presented additions are accepted. The minutes extract of the 14-15 June 2022 meeting is approved for publication under the dedicated SDAC & SIDC section at the ENTSO-E and NC websites.
3.1	LTF input	MCSC grants ETPA observer status under the IDOA for the SIDC.
		MCSC grants ETPA, as observer, access to the MCSC, the other relevant bodies and working groups created under the IDOA and to all documentation related to the SIDC and the IDOA on project place. To this effect ETPA shall be provided the required accesses to Projectplace.
		LTF is assigned the task to take the necessary actions to prepare the draft updated accession forms.
3.4	Further improvements to joint governance	MCSC approves the standard organigram of MCSC for implementation by end of the year 2022. Note: SDAC QARM activation is postponed in relation with the decision on the online Maintenance cost under SDAC Budget for 2023.
		MCSC approves aligned /updated ToRs of existing WGs/TFs, as starting point for future definition of fully consistent ToRs among old and new TFs.
		MCSC approves ToRs of new approved WGs/TFs (ie GOV TF, SDAC QARM WG/Testing SG).
		MCSC approves the memo on regulatory tasks (i.e. how to deal with the list of new tasks assigned to all NEMOs and all TSOs) to be annexed to the GOV TF ToRs. Approved under the assumption that CACM 2.0 will be accepted, otherwise some tasks will be kept as NEMO-only.
		MCSC approves the approach proposed for „process ownership“ (see slides).
		MCSC approves KPIs for Resource Management and agree to perform resource review (including KPIs check) twice per year based on the report provided by BMTF.

4.1	Appointment of SDAC MSD co-leader	MCSC appoints Marja Eronen as SDAC MSD TSO co-leader until end June 2024.
4.2	SDAC OPSCOM	The MCSC gives the SDAC OPSCOM the mandate to approve the go-lives of changing the CCP EIC Code for EPEX in the Norwegian NEMO Hubs, the go-live of Scalable Complex Orders (SCO) in Ireland, for the possible go-lives of PMB12.0 and Euphemia 11.1 (in any case after the go-live of PMB11.3 technological update which is already approved) and of changing the production algorithm version to Euphemia E10.6_fix4 to improve the local search heuristic configuration. The mandate is given for the situation that no special circumstances arise in the SDAC tests; in case of controversy, an ad-hoc MCSC call will be scheduled to approve the go-live.
4.4	15 min MTU Project	The MCSC approves the Master Test Plan, the BB-framing document, the Overall Plan and the Risk Register.
		The MCSC approves that the Overall Plan and the Risk Register will be shared with NRAs/ACER within JET-A.
		The MCSC approves that the work of the Testing Body is put on hold until early September 2023.
4.5	SDAC BMTF	The MCSC approves the categorization of the new maintenance contract Euphemia 8 as Joint NEMOs and TSOs Establishing and Amending cost. Additionally, the MCSC approves retroactive cost sharing up until January 2022.
		The MCSC approves the preliminary 2023 Budget for the SDAC Joint NEMOs and TSOs costs. The re-approval of the portion of Operational PCR Maintenance Contracts is postponed until October 2022 when it is expected that the governance, involvement and transparency are further improved. Only afterwards the budget will be approved as final.
		The MCSC acknowledges the 3 years roadmap (2024-2026) for the SDAC Joint NEMOs and TSOs costs.
4.6	SDAC SF TF	MCSC mandates the SDAC SF TF conveners to ensure that the SF is up and running asap. MCSC mandates the SDAC SF TF to assess future options in safeguarding the Simulation Facility as operations-like tool, including the possibility of a new tender, until the next MCSC meeting on 29-30/11/2022.
6.2	OPSCOM Status Report	MCSC approves May, June and July AM & SIDC Stakeholder reports , i.e. reports are ready to be processed and published by COM SG on SIDC website.
		MCSC approves approval process of AM & SIDC Stakeholder reports with deemed acceptance process within 5 business days from sharing with MCSC in order to make the reports publicly available sooner (after deemed acceptance COM SG convener to ensure reports are published on SIDC website).
		MCSC approves Public Incident Report from 25/07 – LINK . (COM SG convener to share the report with public).
6.3	QARM Status Report including IDA Topics	MCSC acknowledges that due to delay in R3.3 UAT, the GL (hence SIT testing of the 4th wave) will be executed on R3.2 (the performance optimization measures included in R3.3 will be deployed after 4th GL)
		MCSC approves that MCSC members shall be informed once the sanity check of the CIP Contract is completed. In case there are no objections raised within 5 days after circulation the final contract, the contract is considered as approved and NEMOs can start a signature process.
		MCSC approves IDA Test Approach.
6.4	MSD Status Report including IDA Topics	MCSC approves the approach for IDA regarding supported order types and products
		MCSC approves updated IDA implementation timeline
		MCSC gives the mandate to QARM to approve the final price for Unicorn quote regarding PMB changes of Partial decoupling process.
		MCSC mandates SIDC MSD Chair to organize a group of experts in order to assess the various option to manage IDAs partial decoupling from technical, market and legal perspective. The results should be delivered for the MCSC in November 2022.
6.5	BMSG Status Report	The MCSC approves that there will be no historical cost sharing for ETPA due to the fact, that the NEMO share for Netherlands is purely based on the trading volume.
		The MCSC approves the presented items of the SIDC EA budget. The SIDC parties will discuss in the next weeks the amount, which should be allocated for the "doers-work", and agree that this item can be put on the top of the approved items. For the sake of clarity, no other items should be changes or added to the presented EA budget.
		The MCSC approves the presented SIDC Operational budget for 2023. Note: The joint testing is also subject to the doers work. TSOs to confirm this expectation in the MCSC..

Meeting documentation is saved [here](#).

1. Welcome, practicalities

The chairs open the meeting by welcoming TSOs and NEMOs. The chairs greet the new observer to the SIDC project – the Dutch NEMO ETPA. The meeting agenda is approved, and the list of pre-aligned NEMO and TSO votes is established.

2. JOINT – General points

The minutes from the MCSC meeting held on 14-15/06/2022 were approved including the provided additions. The action point list was reviewed and the current status was shared with the MCSC.

3. JOINT – Important points to highlight & decisions requested

3.1) LTF input

The LTF convener presents the work executed for the SIDC project:

Review of the draft CIP agreement with Unicorn is ongoing, in coordination with QARM for technical aspects. The package with the draft contractual documentation has been sent to Unicorn before the summer holidays. Unicorn provided its (limited) feedback end of August 2022 which was reviewed by LTF and QARM and the remaining comments have been sent back to Unicorn. Negotiations will start with Unicorn on 8/9.

LTF was requested to give a first assessment of the planning needed for the amendment of the IDOA for IDA implementation. Based on a first overview of identified changes and on the available information, LTF estimates a 6-month period for the preparation of the amendment documentation. Further input of IDA SG is required to have a more precise view on the planning.

Questions were raised to Legal TF by SIDC OPSCOM convener re the participation of RSCs / RCCs to SIDC OPSCOM meetings and their access to certain systems (e.g., JIRA, Projectplace). A further request was made to verify the terms in this respect of the IDOA. LTF prepared a note with its assessment. Under the IDOA all accesses required by RSC/RCCs (i.e. to documentation or to IT systems) fall within the scope of the terms on subcontracting and can thus be granted provided the conditions of the IDOA regarding subcontracting are fulfilled. According to the LTF, MCSC should decide on the approach to be taken (in this case of RSCs/RCCs, but also more generally for other cases of subcontracting/delegation). Potentially MCSC need to validate the license terms / change (if applicable). The note was provided to OPSCOM for it to discuss and propose the way forward.

By a letter of 15 April 2022 ETPA requested to accede to the IDOA. ETPA signed the Single DA and ID Coupling Observership and Non-Disclosure Agreement (Global NDA) on 2/8/22. In further e-mails, it reiterated its request to become member of the MCSC. ETPA has been informed of the next steps for it to be able to join the MCSC and to accede to the agreements at NEMO-TSO level and at NEMO level. MCSC should decide on 1/ granting observership status to ETPA, 2/ granting ETPA access to SIDC documentation and information and 3/ instruct LTF to start with the preparation of the accession forms / agreements.

3.2) COM SG input

The communication TF have a monthly regular call to discuss and align all the related topics status, the next call will be on 7 September.

The preparation to the SIDC 4th wave pre-launch event (29 September) is ongoing, it will be a virtual event, managed on MCSC's GoToWebinar tool. The first invitation is published and the agenda are published, the registration ongoing.

Similarly the preparation of the PCG slides for the PCG meeting, which is to be held on 27. 9. is on track. The MCSC validated the slides during the meeting. Furthermore COM SG convener informed the audience about CACM Annual Report 2021 Seminar" (28 September), organized by NEMO Committee and ENTSO-E, with the following main topic: the Annual Report from last year (many data), a CORE project summary, and a policy session with guest speakers from EFET, Florence Forum, and ACER.

3.3) Electronic signature survey outcome

During June's MCSC, the outcome of the Legal TF investigations to move to an e-signature process have been discussed. It was evident that there is a deadlock: several companies require all signatories to sign using QES, whereas several other companies stated to not have plans to implement QES (however, most stated to be able signing with AES).

MCSC agreed to stop the investigation at Legal TF level and lift this up to the MCSC level. The proposal was made to contact those MCSC members with the most limiting requirements to check if their company could reconsider their position, respectively provide justification why not.

An action point was formulated for the Legal TF leaders and MCSC Secretaries to follow-up. They have reviewed the answers provided to the questionnaires to identify the parties with the most limiting requirements. Since not all NEMOs and TSOs answered the Legal TF questionnaire, a new questionnaire was issued to all MCSC members to ensure all positions are collected. At the same time, the companies with the most limiting requirements were requested to reconsider their position.

The new / respectively reconsidered responses received to the survey from all but four companies show that the deadlock remains:

- Fourteen companies stated that all signatories must sign using QES, mainly referring to the fact that only QES is „per se” assimilated to a written form agreement (pursuant to Article 25 section 2 of eIDAS).
- Ten companies stated to not be able to implement QES at their companies within the next six months.

Together with the MCSC co-chairs it was concluded to monitor the development and table the topic next summer for decision (voting to be applied).

3.4) Further improvements to joint governance

A group of volunteers from NEMOs and TSOs further progressed in identifying areas for improvement in the current MCSC organisation and identify proposals for improvements:

Terms of References

The standard ToR template approved at the last MCSC has been applied to existing TFs by themselves. New ToRs are being proposed for new proposed TFs, e.g. Governance TF (which is proposed together with list of tasks expected to be addressed in the next years following CACM 2.0 approval) and SDAC QARM

A new organigram

A new organigram is proposed which includes all changes above and which is expected to be implemented by end of 2022.

Process ownership

As a principle for each TFs both NEMOs and TSOs should appoint one co-leader each, to be paid under common costs, with eventual costs exceeding the standard man rate to be paid respectively by NEMOs or TSOs. Co-convenors “Doers” and PMOs (where relevant) are to be paid under common costs at the standard project man day rate. In case “doers” are not provided by the Parties, they can be selected from a pool of experts to be procured. As for the co-leaders, NEMO propose to apply the proposed principle by default, while selecting only one TF leader where complexity and workload do not justify more (examples for that could be Communication TF, BMTF); in such cases, either a balance between NEMOs and TSO can be reached or a third party expert can be appointed as common cost.

Multi-layering

NEMOs and TSOs are working to share a list of inefficiencies identified under current organization and to further details potential implementing solutions. A dedicated workshop with MCSC members is scheduled on 30/9, to allow MCSC debate on the outcomes obtained so far and provide further guidance.

The outcome of the workshop on 30/09 is to be reflected in the proposal for a decision on the Multi-layering improvements in the MCSC of November 2022

Cost sharing

Costs related to tasks delivered under joint governance shall be treated as common costs; furthermore the cost approval will apply to the “type” of decision and not to each individual “decisions”, so to speed up recurrent analogous decisions.

Resources management: MCSC should perform regular resource analysis twice per year based on the inputs from BMTF to evaluate the new way of working in the MCSC organisation, re-plan recourses if needed and provide feedback to the resources in the project. During regular analysis, MCSC should mainly focus on the basis KPIs which are presented for MCSC approval.

4. SDAC – Important points to highlight & decisions requested

4.1) Appointment of SDAC MSD co-leader

The previous MSD leaders announced not to be available for another turn after June 2022 and during April’s MCSC a call for candidates was initiated. While for the NEMO co-leader a candidate was identified and appointed during June’s MCSC, a TSO candidate was still missing.

4.2) SDAC OPSCOM

Since the last MCSC, the number of incidents slightly increased also due to the go-live of CORE in this period which required some “tuning” even though not all incidents were caused by it. One RfC related to increase of C01 blocks in EPEX went live. Concerning the work on finding more time in daily operational processes for the algorithm calculation, the timing subgroup was reactivated, and a first call will be scheduled shortly. The next testing with market participants will take place in October.

4.3) SDAC MSD

After MCSC mandated SDAC MSD and ICG to re-plan the big-bang go-live in 2025, MSD worked on identifying the new work timeline and improvements from R&D. Latest results from R&D tracks showed that new tests with Outer Approximation feature greatly improves performances on batches with “one party delayed”. Big Bang performance simulations were not completed due to the summer holiday period, and MSD will have a better view on the performance in the upcoming weeks.

After finalising the 3rd NUP study, NEMOs and TSOs made internal assessments on how to continue with the 4th study. Outcomes of the assessments showed that NUP needs to be further assessed in the context of side payments and there is a need for a prototype update. The first part of the 4th study has been initiated with N-Side and tests are being performed with the prototype NUP update to be completed end September. Second part of the 4th study will continue in Iteration 8 (until December 2022).

4.4) 15 min MTU project

The MCSC decided in June 2022, supported by the guidance from NRA/ACER, to implement the 15 MTU via the big-bang approach in January 2025. Based on this shift from the stepwise to the big-bang approach, the master test plan, the overall plan, and the risk register have been updated. Further a document was prepared framing the big-bang approach.

4.5) SDAC BMTF

The 2023 budget for the SDAC joint NEMOs and TSOs costs as prepared by the SDAC BMTF is tabled for approval.

4.6) SDAC SF TF

Following an upgrade, the Simulation Facility is unavailable since more than 3 months. This causes issues for the Nordic FB parallel run, but also for other parties who wanted to run simulations. Escalation with the provider is ongoing. For the future alternative options shall be regarded.

4.7) MCSC members questions to TF/project reports

No questions are raised.

5. SDAC – Any other business

Data collection for the bidding zone review is raised.

6. SIDC – Important points to highlight & decisions requested

6.1) Integrated plan

The QARM Convener highlighted the major milestones of the project achieved over the course of the summer. The operation run smoothly, the transit shipper switch was successfully executed, OTF is developing IDA procedures. On the development side, the release 3.3 experienced a delay, as a result the testing period is extended until 12/2022. Regarding R4.0 the scope was agreed and managerial documents and functional specifications are under preparation. The QARM is also intensively working on the IDA development and preparation of the CIP contract.

Concerning the 4th wave go-live, everything goes according to the plan and the go-live is expected by the end of the year.

6.2) OPSCOM Status Report

The OPSCOM chair presented the operational details of the SIDC project. He stressed that the operations are successful as the number of incidents felt by more 50% when compared with the last year. Furthermore he highlighted that 15 minutes resolution and products on Romanian-Bulgarian border shall go live on 1.10.2022

6.3) QARM Status Report including IDA Topics

The QARM convener provided details on the recent work of QARM, in particular:

- **XTG - R3.3** – Delay in testing, the testing was optimized, still it is extended till 12/2022. UAT –R/I is finalized, UATVI – is finalized.
- **JET-A – NRAs'** guidance on CPM is reflected in the project planning.
- **CIP Contract** –. A substantial progress was made in the negotiations though contact is not finalized yet.
- **2022-2023 Roadmap** – optimized in the way to mitigate delay of R3.3 testing (still the risk of the negative impact on the next releases is high). Simplification of R4.0 leads to the R4.1 which shall be implemented immediately after R4.0.
- **4th wave Go Live** – Following activities are completed - FIT tests, planning of SIT tests, planning of GL and Trial Period, initiation of the preparation of GL configuration data, Preparation for the pre-GL event, agreement with DBAG on supporting services
- **IDA Test Approach** - completed and ready for approval.
- **IDA CIP Functional Tests** - Preparation for the IDA CIP functional test in ongoing in line with the plan (test cases and detailed planning is under preparation). Active participation of all parties is the major issue at this point.
- **R4.0** – scope is agreed. CR, in line with MCSC mandate, is agreed. Managerial documents and functional specification for R4.0 are under preparation. DBAG has started development on 03/08/2022 (to be ready for UAT by 03/02/2023)

RIPs – Template for RIP reporting is agreed. The regular reporting process starts as of September 2022. Note that not all the Nordic TSOs can fulfil the request of capacity allocation of the IDA go-live in Q1 2024

6.4) MSD Status Report including IDA Topics

MSD Convener provided update on the recent work of the MSD Group:

- Intraday Auctions
 - Detailed analysis of IT changes with providers completed (including XBID, CIP, EUPHEMIA, PMB) and development started
 - IDA Joint Coordination Team (SIDC, SDAC, PCR) meets on a monthly basis
 - EUPHEMIA performance test with basic product completed, second phase with optional products is addressed in dedicated slides
 - Additional EUPHEMIA/PMB changes under discussion
 - Contractual aspects clarifications ongoing (IDA CIP, SLAs for PMB & EUPHEMIA)
 - IDOA/ANIDOA amendments process started (steps, scope, timeline under assessment by LTF in cooperation with IDA SG)
 - Procedures review ongoing
- FBA Solution design 2 (MSD + DBAG)

- DBAG is preparing technical document on basis of high-level design from MSD and clarifications organized in Q2 2022
- Losses
 - Alignment with DBAG regarding new solution suggested by Nordic TSOs on hold - DBAG's indication on performance impact and related analysis being dependent on work regarding FB design
- Technical questions/specs clarifications
 - Number of questions were answered in relation to R3.3. preparation (specs/design clarifications, bugs)

6.5) BMSG Status Report

The BMSG convener reported that the cost share of the historical development cost for the new entrant ETPA was resolved and ETPA will be informed accordingly.

The SIDC operational budget was approved. The Establish and Amendment budget is to approved in October.

7. SIDC – Any other business

No topics were raised under this agenda point.

8. Closure meeting

8.1) Next meetings/calls

The MCSC meeting agreed that MCSC in 2023 are to take place in central location unless agreed otherwise.