

## Minutes SDAC Joint Steering Committee Meeting

05/11/2019, 11:00 – 17:00 CET, Munich airport

### Present parties

50Hertz	Cropex	EPEX Spot	Litgrid	PSE	Terna
Admie	EirGrid (TSO)	ESO	MAVIR	REE	TGE
Amprion	Eirgrid (SEMO PX)	EXAA	Nasdaq	REN	Transelectrica
APG	ElecLink	Fingrid	Nemo Link	RTE	Transnet BW
AST	Elering	GME	NGIC	SEPS	TTG
BritNed	ELES	HEnEx	OKTE	SONI (SEMO PX)	TTN
BSP	Elia	HOPS	OMIE	SONI (TSO)	
ČEPS	EMCO Nord Pool	HUPX	OPCOM	Statnett	
Creos	Energinet	IBEX	OTE	Svk	

Attending in person	Attending by phone	Proxy arranged	Not present
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### Present chairs, TF leaders, PMOs, observers

BMTF leader	JSC Secretary	MSD NEMO co-leader	OST	TSO co-chair
EC	MEPSO	MSD TSO co-leader	Procedures TF leader	
Entso-e	MRC OPSCOM leader	NEMO co-chair	Swissgrid	

Attending in person	Attending by phone	Proxy arranged	Not present
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### Meeting agenda

#	Topic	For
<b>1</b>	<b>Welcome, practicalities</b>	
1.1	Confirm quorum	Inf
1.2	Adoption of the agenda	Dec
1.3	Approval of minutes of past meetings/calls (incl. external part for publication)	Dec
1.4	Review open action points	Inf
<b>2</b>	<b>Governance &amp; legal/contractual</b>	
2.1	JSC Rules of Internal Order	Inf
2.2	Legal TF a) Status report b) Implementation joint SIDC-SDAC governance principles c) Role of CSE – outcome analysis re. direct assignment	Inf Dec Inf
<b>3</b>	<b>Finance</b>	
3.1	BMTF a) Status report b) Approval of 2019 underspending allocation to cover new TF budget	Inf Dec
<b>Lunch</b>		
<b>4</b>	<b>Operations and development</b>	
4.1	MRC OPSCOM (45 min) a) Notable changes b) Notable events c) Joint testing and training d) Decoupling: follow-up on lessons learned e) Operational timing – high-level timeline for implementation	Inf Inf Inf Inf Dec
4.2	Procedures TF (10 min) a) Status report	Inf

4.3	MSD (45 min) a) Status report b) Status 15 min MTU c) R&D program Euphemia Lab d) Roadmap e) Extension projects	Inf Dec Dec Inf Inf
4.4	MNA Implementation Coordination Group (10 min)	Dec
4.5	NEMOs – status report (10 min)	Inf
<b>5</b>	<b>External communication</b>	
5.1	Important points for SDAC cooperation from ENTSO-E/ NC/ NRA/ ACER/ EC meetings a) Feedback from 17/09 MESC and 25/09 TCG meetings b) Feedback from 24/10 WS on reporting c) ID Auctions d) Algorithm Methodology – status	Inf Inf Inf Inf
5.2	Communication TF a) Status report b) Communication plan incl. preparation process upcoming TCG & MESC	Inf
<b>6</b>	<b>Any other business</b>	
6.1	Baltic Cable – status update on TSO certification	Inf
6.2	Next meetings	Inf

### List of decisions

#	Topic	Decision
1.2	Adoption of the agenda	The meeting agenda is approved.
1.3	Approval of minutes of past meetings/ calls	The minutes of the JSC meeting on 11/09/2019 are approved. The minutes extract of the 11/09/2019 meeting is approved for publication under the dedicated SDAC section under the ENTSO-E and NC websites.
2.1	JSC Rules of Internal Order	The suggested improvements to the JSC meetings, especially the proposed escalation process are acknowledged by the JSC.
2.2 b)	Legal TF – Implementation joint SIDC-SDAC governance principles	JSC validates the clarifications made in the slide set containing the joint SIDC-SDAC governance principles. JSC instructs the Legal TF (leader in a first stage) to commence with implementation in the DAOA of the (clarified) joint SIDC-SDAC governance principles in accordance with the proposed timeline for implementation.
2.2 c)	Legal TF – Role of CSE	JSC mandates the BMTF (without JAO) with the help of the Legal TF leader, to work out the tender process including recommendation how to run the tender process (potential involvement of SIDC), who will run the tender, what type of tender which, steps need to be taken, impact on the existing SLA with JAO, indicative timeline and deadline for completion. The recommendation should be preferably be put forward for decision during the next JSC.
3.1	BMTF	JSC approves 1) The proposal for the 2019 Budget Updates of the TF leaders' costs for the amount of 249.8K€, by using the underspending of the following cost elements as well as the given cost categorization: (i) PCR R&D: 192K€, (ii) PCR MNA: 50K€ and (iii) Contingency: 7.8K€. JSC acknowledges the fact that above given amounts are estimated underspending and JSC accept the fact that this could lead to go over the budget. 2) The split of the remaining already approved budget of "Legal TF Coordination" (47,683€): • 75% Joint Establishment costs: 35,762 € • 25% Joint Operational costs: 11,921 € 3) The Quarterly Report and Account for Q3 2019 for the SDAC Joint NEMOs and TSOs costs. 4) The JSC expressly records the deemed approval of the final 2020 Budget and the 3 years roadmap for the SDAC Joint NEMOs and TSOs costs granted by 01/11/2019.
4.1	MRC OPSCOM	JSC acknowledges the go-live on the 3rd of December of the new Italian bidding zone representing the Italy-Montenegro cable. JSC approves the proposed implementation plan for changing the operational timing. It is confirmed that with implementing the new operational timing, the 15:30 nomination GCT is not moved (neither by the joint nor by the local procedures).
4.3 b)	15 min MTU	1) JSC acknowledges the status for the 15 min MTU approach as well as the conclusion that "Big Bang" design cannot be discarded at this point in time given the status of the discussions held in the Trilateral Coordination Group. 2) JSC mandates MSD to prepare input for the TCG and MESC for 15 min MTU and gives following guidance for the storyline a. Derogation timeline of 15 min ISP and its link with 15 min MTU implementation in

		<p>Europe</p> <p>b. Overview of both design options (Big Bang &amp; Stepwise) with their respective advantages and challenges</p> <p>c. Clarify the approach how to “meet” (all) the ambitious targets for the 15 min MTU and implement them safely into the operations within a reasonable and feasible timeline</p> <p>d. Explain implementation challenges (particularly for 15 min MTU, and also other challenges in SDAC) which need to be implemented as well, which can (partly) justify the argumentation for a later implementation than 1/1/2021</p> <p>3) JSC gives MSD TF the mandate to continue the work on 15 min MTU related to R&amp;D, design and impact assessments.</p> <p>4) JSC mandates MSD to look into the creation of a separate coordination structure (as from 2020) for the coordination of the 15 min MTU project implementation on European level. MSD should report back to JSC with a first proposal in Q1 2020.</p>
4.3 c)	R&D program Euphemia Lab SDAC MSD TF	<p>JSC approves the following proposal for the R&amp;D iteration validation process:</p> <ul style="list-style-type: none"> <li>• Prior to the start of each new iteration, MSD and N-Side will prepare a proposal of the iteration content with tangible deliverables. Deadline: two months before the start of the iteration.</li> <li>• JSC will either: <ul style="list-style-type: none"> <li>○ Validate the proposal</li> <li>○ Request MSD to make amendments to the proposal (JSC validation will be postponed to next JSC meeting where the updated proposal shall be delivered)</li> </ul> </li> <li>• The budget associated to an iteration (~350.000 €/each iteration for R&amp;D topics) will be released with the JSC validation of the content proposal. MSD discretion: MSD may shift budget on topics within an iteration (excluding to relocate budget to topics which have not explicitly validated by JSC).</li> </ul>

### List of abbreviations

Short	Long name
50Hertz	50Hertz Transmission GmbH
Admie	Independent Power Transmission Operator S.A.
Amprion	AMPRION GmbH
APG	AUSTRIAN POWER GRID AG
AST	AS “Augstsprieguma tīkls”
BMTF	Budget Management Task Force
BritNed	BRITNED DEVELOPMENT LIMITED
BSP	BSP Energy Exchange LL C
ČEPS	ČEPS, a.s
Creos	CREOS Luxembourg S.A.
Cropex	CROATIAN POWER EXCHANGE Ltd.
CSE	Central Settlement Entity
DAOA	Day-Ahead Operational Agreement
EC	European Commission
Eirgrid	EirGrid plc
ElecLink	ElecLink Limited
Elering	ELERING AS
ELES	ELES, Ltd., Electricity Transmission System Operator
Elia	ELIA SYSTEM OPERATOR SA/NV
EMCO Nord Pool	European Market Coupling Operator AS
Energinet	Energinet Elsystemansvar A/S
EPEX Spot	EPEX Spot SE
ESO	ELECTRICITY SYSTEM OPERATOR EAD
EXAA	EXAA Abwicklungsstelle für Energieprodukte AG
Fingrid	FINGRID OYJ
GCT	Gate Closure Time
GME	Gestore dei Mercati Energetici S.p.A.
HEX	HELLENIC ENERGY EXCHANGE S.A.
HOPS	Croatian Transmission System Operator Ltd.
HUPX	HUPX Hungarian Power Exchange Company Limited by Shares
IBEX	Independent Bulgarian Energy Exchange
JSC	Joint Steering Committee
Litgrid	LITGRID AB
MAVIR	MAVIR Hungarian Independent Transmission Operator Company Ltd.
MEPSO	Transmission System Operator of the Republic of North Macedonia
MNA	Multi-NEMO Arrangements
MRC OPSCOM	Operational Steering Committee of the Multi-Regional Coupling
MSD	Market and System Design
MTU	Market Time Unit

Nasdaq	Nasdaq Oslo ASA
NC	NEMO Committee
Nemo Link	Nemo Link Limited
NGIC	NATIONAL GRID INTERCONNECTORS LIMITED
OKTE	OKTE, a.s.
OMIE	OMI-Polo Español, S. A
OPCOM	Operatorul Pietei de Energie Electrica si de Gaze Naturale "OPCOM" S.A.
OST	OST sh.a – Albanian Transmission System Operator
OTE	OTE, a.s
PCR	Price Coupling of Regions
PSE	Polskie Sieci Elektroenergetyczne S.A.
R&D	Research and Development
REE	Red Eléctrica de España, S.A.U.
REN	REN – Rede Eléctrica Nacional, S.A.
RTE	RTE Réseau de Transport d'Electricité
SEPS	Slovenská elektrizačná prenosová sústava, a.s.
SIDC	Single Intraday Coupling
SONI	SONI Limited
Statnett	STATNETT SF
Svk	AFFÄRSVERKET SVENSKA KRAFTNÄT
Swissgrid	Swissgrid ag
TCG	Trilateral Coordination Group
Terna	Terna - Rete Elettrica Nazionale S.p.A.
TGE	Towarowa Gielda Energii S.A.
Transelectrica	National Power Grid Company Transelectrica S.A.
TransnetBW	TRANSNET BW GmbH
TTG	TENNET TSO GmbH
TTN	TENNET TSO B.V.