

18th ENTSO-E Information & Communication Technologies Committee Meeting

Date: Thursday, 13 February 2025

Time: 09:00 - 15:00 (CET)

Place: ENTSO-E premises and Online MS Teams

From: Secretariat

Date: 13 February 2025

LIST OF PARTICIPANTS

TSO	Role
50Hertz	Substitute
Amprion	Substitute
APG	Member
AST	Member
ČEPS	Member
CGES	Member
Cyprus-TSO	Substitute
Eirgrid	Member
Energinet	Member
ESO	Member
HOPS	Member
IPTO	Member
JSC EMS	Member
Litgrid	Member
MAVIR	Substitute
NOSBiH	Substitute
PSE	Member
REE	Member
RTE	Member
SEPS	Member
Statnett	Substitute
Svenska Kraftnät	Substitute
Swissgrid	Substitute
TenneT TSO B.V	Member
TenneT TSO GmbH	Member
TERNA	Member
TransnetBW	Substitute
Ukrenergo	Substitute
VUEN	Member

1. Welcome and Introduction

- a. ICTC Chair opening note

Radek Hartman, ICTC chair, opens the meeting.

- b. Attendance verification & agenda approval

For Decision

The ICTC:

- **Notes** that the ICTC meeting no. 18 is quorate.
- **Approves** the agenda of the ICTC meeting no. 18.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- N/A.

2. ICTC Chair Updates

- a. Board Meeting and reporting on Board priorities.
- b. Upcoming meetings
- c. Update on Baltic Synchro
- d. Update on call for future ICTC Chair

For Information

The ICTC:

- **Takes note** of the ICTC Chair Updates.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ N/A

3. ENTSO-E ICT Strategy – Implementation plan status

- a. Context
- b. Reporting from Cross StGs Task Force

Gianluca Guidarelli, STG ICT Strategy ad-interim convenor, presents the status of the implementation plan.

RTE Member notes that there is progress and structure, but not enough speed.

ICTC Chair confirms that there is a delay compared to what was mandated in ICTC meeting n.17 of Nov. 28, as shown by the implementing actions from that meeting.

Swissgrid Member affirms that progress is slower also because of a lack of resources, as somehow epitomized by the situation faced by STG ICT Strategy, but agrees on recognising the ongoing work.

APG Member agrees on lack of resources and limited contribution from some TSOs to explain the delay. As a side effect, some TSOs who are not active might just be not informed enough to positively contribute.

ICTC Chair reminds that the commitment to ENTSO-E Board right now is to have a plan on the implementation, not the actual execution that can and will be phased over time.

Energinet Member agrees that the structure but also the prioritization are starting to take form. What we are missing is an actual high-level plan on the overall strategy that can be presented to ENTSO-E Board.

ICTC Chair stresses that in September 2024 the ENTSO-E ICT Strategy has been approved with 36 strategic Initiatives identified as the ones to be addressed to execute that strategy. At the moment, he does not see where and how these 36 Initiatives will be fulfilled.

ICTC Chair reminds that there was also a leading steering group, while now he does not have a clear view on the lead of the implementation. Additionally, the work of cross-STG task force does not seem to be evenly split and only Gianluca as STG ICT Strategy ad-interim convenor is dedicating time, more than what originally asked.

STG ICT Delivery Convenor reminds that cross-STG task force comes from the fact that Initiatives are grouped by area, rather than by body.

ICTC Chair suggests going Initiative by Initiative and plan each one clearly. ICTC Chair is ready to act on requests of more time and resources from the cross-STG task force.

STG ICT Strategy ad-interim convenor reminds that what has been presented only covers the Initiatives in which STG ICT Strategy is in lead, in order to get an ICTC opinion on the approach. He also affirms that target operating model is one of the deliverables (restructure ICTC governance).

ICTC Chair clarifies that a revision of the overarching governance is not in scope.

APG Member suggests that ideally clarifications/feedback on shortcomings are being addressed upfront to the ICTC and thanks STG ICT Strategy ad-interim convenor for his effort and commitment to the strategy.

RTE Member believes that given how the strategy that was approved is quite broad on a large variety of topics, it's not as easy to transform the document to an implementation plan and deliverables. Structuring of the work should keep going.

Head of ICT in ENTSO-E Secretariat stresses that few people contribute to the actual work generally, and that's a root issues.

RTE Member suggests that, if we don't have the resources, ICTC needs to take a clear decision and only work on the priority initiatives, postponing the others. ICTC Members agree. The few active resources should be dedicated to the prioritised initiatives.

STG ICT Strategy ad-interim convenor confirms that the above suggestion was also part of his status update and agrees with the idea to have ICTC provide guidance on the most important initiatives to work on.

RTE Member suggests that at next ICTC meeting there should be a clear prioritisation of initiatives and present it to ICTC.

Head of ICT in ENTSO-E Secretariat agrees and suggests that the cross-STG task force should work on prioritisation as they have more visibility on dependencies and resources. The cross-STG task force should come with a common view at next ICTC.

Members agree on the above bottom-up approach.

For Information

The ICTC:

- **Takes note** of the update on the ENTSO-E ICT Strategy implementation plan.
- **Endorses** the presented governance approach on the implementation plan.
- **Requests** the Cross StG Task Force to propose by 14 March 2025 the list of priority Initiatives from the ENTSO-E ICT Strategy that they can commit to plan and start fulfilling in 2025.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ The ICTC to approve the proposed list at next ICTC meeting n.19 on 21 March 2025.
- ✓ Cross StG Task Force to consolidate the work of StG ICT Delivery and Security
- ✓ Cross StG Task Force to present the high-level working plan related to the validated list at ICTC meeting n. 19 on 21 March 2025 (directly at ICTC Meeting)

4. ICTC Improvements

a. Follow-up

ICTC Chair suggests that the attractiveness goals should be postponed until a task force is created.

ICTC Chair confirms that he will follow up on the improvements related to Resource committee interactions.

ICTC Chair confirms that the collaboration with SOC will be extended to all other Committees

ICTC Chair reminds that ICTC member support any simplification of ICTC decision processes, as suggested in the past by STGs, possibly skipping 1 level of decision process.

For Information

The ICTC:

- **Takes note** of the ICTC improvements follow up.
- **Supports** any simplification of ICTC decision process, as suggested by STGs, possibly skipping one level of decision process.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

✓ N/A.

5. ICTC Knowledge Sharing

- a. ENTSO-E Assembly Knowledge Sharing on Data Hubs and AI
- b. Next session

ICTC Chair proposes to have future Knowledge Sharing sessions detached from ICTC meeting dates, so that day before ICTC can be dedicated to other topics. Knowledge Sharing could have a different calendar.

Members think that the Knowledge Sharing should stay the day before, coupled by another session on different ICTC topics whenever needed.

Members agree that Knowledge Sharing is confirmed ahead of next ICTC meeting in Sarajevo.

For Information

The ICTC:

- **Takes note** of the ICTC Knowledge Sharing Updates.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

✓ N/A.

6. Updates from the Steering Group ICT Security

- a. StG ICT Security – Updates

MAVIR ICTC Member disagrees with the possibility to remove inactive members from STGs that would be introduced in the revised StG ICT Security Terms of Reference.

MAVIR abstains from the decision on the revised StG ICT Security Terms of Reference.

ICTC chair reminds that the decisions are taken at ICTC level and not at StG level. As such, there is no need to have full representation of TSOs in the Steering Groups.

For Information & Decision

The ICTC:

- **Takes note** of StG ICT Security updates.
- **Approves** the recommendations of StG ICT Security that Moldelectrica:
 - shall fulfil the NCCS requirements stated in the NCCS Articles 26, 29, 33, 38, 41 ((5) to (10) and (13) to (16)) and 43;
 - may fulfil the NCCS requirement on exercises at regional level (NCCS Art. 44) and may use the procurement recommendations (NCCS Art. 33 (2) (a)); and
 - is exempt from all union wide requirements, including Art. 19 on union-wide cybersecurity risk assessment, Art. 21 on regional cybersecurity risk assessment and Art. 44 on cross regional cybersecurity exercises.
- **Approves** the recommendations of StG ICT Security that Moldelectrica shall follow the same implementation deadlines as other high- and critical-impact entities in the EU.
- **Approves** the revised StG ICT Security Terms of Reference.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ ICTC asks Legal and Regulatory Group (LRG) and General Counsel Office (GCO) Secretariat colleagues to launch the necessary procedures to OMA Art. 7.2 according to the StG ICT Security recommendations.

- Ukrenergo Risk Assessment

For Decision

The ICTC:

- **Approves** the Ukrenergo Risk Assessment.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ ICTC to communicate and share the Ukrenergo Risk Assessment with the relevant Committee and structure responsible for the communication with Ukrenergo and decision making on the next steps.

- b. NCCS - Updates

For Information

The ICTC:

- **Takes note** of NCCS updates.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

➤ N/A.

c. NCCS Cybersecurity Risk Assessments Methodologies AllTSO Process

For Info

The ICTC:

- **Takes note** of the Network Code on Cybersecurity's Risk Assessment Methodologies.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ ICTC asks ICTC supporting Secretariat to launch the written approval of AllTSO for the Cybersecurity Risk Assessment Methodologies developed pursuant to the Network Code on Cybersecurity.

7. ALL TSOs: NCCS Risk Assessment Methodologies

The ICTC Chair, with the support of ENTSO-E General Counsel Office, introduces the topic of ALL TSOs process and opens the ALL TSOs section of the ICTC meeting.

The ICTC Chair notes that the ALL TSOs section of the meeting is quorate.

The ICTC Chair notes that the ALL TSOs policy and the full list of TSOs involved in ALL TSOs decisions at this stage can be found in the session file, under Topic 7, as well as in the SharePoint homepage of ICTC.

a. ALLTSO request to host ALLTSO Decisions on NCCS via ICTC

For Decision

ALL TSOs:

- **Confirm** their agreement, as Involved TSOs, to work in accordance with the All TSOs Policy and to use an ENTSO-E Body or entity (ICTC) as hosting and facilitating platform for the preparation and the decision making of a TSOs Proposal in order to comply with the given Relevant Regulation;
- **Appoint** the ICTC Chair as All TSOs Chair; and
- **Acknowledge** that the Involved TSOs consist of the list of EU and non-EU TSOs as identified in the session file and that only relevant TSOs are formally voting.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ All TSOs Chair is sending to the ICTC the request of the Involved TSOs to host the All TSOs process

The ICTC Chair, acting as ALL TSOs Chair, confirms the decisions above and closes the ALL TSOs section of the ICTC meeting.

b. ICTC Decision on ALLTSO request to host ALLTSO Decisions on NCCS via ICTC

For Decision

The ICTC :

- **Agrees** to host the All TSOs process for the development of proposals for terms and conditions or methodologies required by the network code on sector-specific rules for cybersecurity aspects of cross- border electricity flows.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ Secretariat to initiate the process for the approval of the cybersecurity risk assessment methodologies by All TSOs.
- ✓ Deliverables:
 - Cybersecurity Risk Assessment Methodologies - 13th March 2025
 - Cyber-attack Classification Scale Methodologies - 13th June 2025
 - Procurement Recommendations - TBC

8. Updates from the Steering Group ICT Strategy

a. Update from CIM WG – Document for Approval

- Network Code Profiles release 2.3.2.

For Decision

The ICTC:

- **Approves** the publication of the Network Code Profiles and Regional Coordination Processes patch releases 2.3.2 (specifications and CIM artifacts) on the ENTSO-E website and the ENTSO-E GitHub.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- N/A.

b. Updates from EA WG

- Reference Architecture PID

Statnett Member asks if there are frameworks already. EA WG Convenor confirms we have the use of ArchiMate for now, other frameworks could be investigated too.

STG ICT Strategy ad-interim convenor reminds that the scope of the first phase is to cover the legal mandates.

For Decision

The ICTC:

- **Acknowledges** the Reference Architecture initiative
- **Approves** the Reference Architecture PID

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ N/A.

c. Updates from DIA WG

- Working Group Repository

For Decision

The ICTC:

- **Approves** the establishment of an agreement between ENTSO-E and EU DSO entity, including the provision of procurement services.
- **Approves** the authorization for the ENTSO-E Secretary General to sign the agreement between ENTSO-E and EU DSO entity.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ ICTC requests the ENTSO-E Secretariat to send the Joint working group repository agreement for the ENTSO-E Secretary General's signature.
- ✓ ICTC requests the ENTSO-E Secretariat to launch the procurement process for the Joint working group repository.

d. StG ICT Strategy reorganisation

- BOSCARD Engage

ICTC Chair offers help in bringing resources if needed.

ICTC Chair asks to consider the data management as high priority as part of the ICT implementation plan. Especially to outline the scope of the data.

For Decision

The ICTC:

- **Approves** the BOSCARD document for StG ICT Strategy enhancement.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ ICTC Tasks the interim Steering Group convenor to plan and indicate resources needed towards the actions described in the BOSCARD Document and to report the activity status in the upcoming ICTC meetings.

- ✓ ICTC asks StG ICT Strategy convenor to consider the data management as high priority as part of the ICT implementation plan.

9. Updates from the Steering Group ICT Delivery

- a. OPDE
 - MVS Participants Profile 2025

Swissgrid abstains from the decision.

For Decision

The ICTC:

- **Approves** the MVS Agreement 5.3 Amendment.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

ICTC

- Asks the ENTSO-E Secretariat to submit the MVS Agreement 5.3 Participant profiles for 2025 for signature by ENTSO-E and the different service providers of this Agreement.

b. EAS CT

- EAS NextGen status and updates

For Info

The ICTC:

- **Takes note** of the updates presented by EAS CT.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- ✓ N/A.

c. CN Core Team

- 2024 Final Settlement

For Info

The ICTC, acting as the CN MLA Steering Committee:

- **Acknowledges** a decrease of 2,05% between the 2024 Year-End total approved by ICTC on 28 November 2024 [[Minutes](#)] and the 2024 Final Settlement calculations.
- **Acknowledges** the results of the 2024 Final Settlement Cost Control performed by the Communication Networks Core Team and approves:
 - [32 - CN Cost Sharing V2.0 for 2024 Final Settlement with effective date 14.02.2025 \(excel file\)](#)

- [33 - CN Cost Sharing K-Factor Calculation V3.0 for 2024 Final Settlement with effective date 14.02.2025 \(excel file\)](#)
- [34 - CN Participant Profiles V3.0 for 2024 Final Settlement with effective date 14.02.2025 \(excel file\)](#)

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

ICTC, acting as the CN MLA Steering Committee:

- Instructs ENTSO-E and TSOs to proceed with the Final Settlement invoicing as per the 2024 Final Settlement Participant Profiles

d. Common IT Services MLA PCN OOB tender results

ICTC Chair stresses the interest from Resource committee and Board on the topic.

ICTC Chair proposes to set up a webinar on the topic for ICTC members in the following weeks to get traction on the topic.

- Status updates

For Info

The ICTC:

- **Takes note** of the updates presented by CN CT.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- N/A.

e. PEMMDB Hosting

For Decision

The ICTC:

- **Approves** Pan-European Market Modelling Database (PEMMDB) – Rehosting.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

✓ N/A.

f. ITN Region request to use OPDE on PCN to implement ROSC services

Swissgrid abstains from the decision.

ICTC Chair asks STG ICT delivery to update ICTC on Vendor Management and PMO activities at next ICTC.

Secretariat to help bridge information from CGM action plan to STG ICT delivery sharing the available documents

ICTC Chair asks STG ICT delivery to have CGM as a topic at next ICTC.

For Decision

The ICTC:

- **Approves** the ICT assessment and recommends to SOC to approve the request from Italy North CCR to use OPDE on PCN network to implement the ROSC services.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

✓ STG ICT delivery to have CGM status as a topic presented at next ICTC

10. AOB & ICTC Meeting Closing

a. Roadmap of coming meetings (ICTC, Board, IT Council)

ENTSO-E Secretariat shows the combined timeline for IBP (Initial Budget Proposal), ENTSO-E Annual Work Program (AWP) and IT Council processes. The ICTC and Secretariat inputs to all three activities will be harmonised and synched to increase efficiency and transparency.

Members are also informed that a dedicated ICTC workshop on the IBP process will be scheduled in April 2025.

b. Next meetings and logistics & Closing Note

For Information

The ICTC Chair:

- **Closes** the ICTC Meeting no. 18.

INTERNAL IMPLEMENTING ACTIONS FOR THE DECISIONS AND ACTION TRACKER

- N/A.