Final Minutes

117th System Development Committee Meeting

Date & Time: 26 October 2026 from 13.30-17.30h **(CET zone)**
Date & Time: 27 October72026 from 09.00-13.00h **(CET zone)**
Place: Hotel Park Inn by Radisson, Szekszárdi u. 16-18, 1138 Budapest

Participants

Chairperson

	REE	Spain

Vice-Chairperson

	SONI	Northern Ireland

Special invitee

	CEO of Mavir	Hungary

Members

1.	Amprion	Germany
2.	AS Augstsprieguma tïkls	Latvia
3.	Ceps	Czech Republic
4.	Creos Luxembourg	Luxembourg
5.	Crnogorski elektroprenosni sistem AD	Montenegro
6.	Elering	Estonia
7.	Energinet	Denmark
8.	Fingrid	Finland
9.	Litgrid	Lithuania
10.	Mavir	Hungary
11.	REN	Portugal
12.	REE	Spain
13.	RTE	France
14.	SONI	Northern Ireland
15.	Statnett	Norway
16.	Svenska Kraftnät	Sweden
17.	Swissgrid	Switzerland
18.	TenneT TSO GmbH	Germany
19.	TransnetBW	Germany

Substitutes

20.	50Hertz Transmission	Germany
21.	APG	Austria
22.	Elia System Operator	Belgium
23.	IPTO	Greece
24.	*Mavir*	*Hungary*
25.	PSE	Poland
26.	*REE*	*Spain*
27.	VUEN	Austria

Conveners StGs and WGs and RGs

1.	StG ERAA 2026	Germany
2.	StG TYNDP 2026	Czech Republic
3.	StG Scenario Building	Italy
4.	WG Asset Implementation Management	Slovakia
5.	RG Continental South-East	Greece

Secretariat

1.	ENTSO-E	

Participants *(online)*

Members & Substitutes

28.	EirGrid	Ireland
29.	ESO-EAD	Bulgaria
30.	EMS	Serbia
31.	HOPS	Croatia
32.	MEPSO	Republic of North Macedonia
33.	OST-Operatori i Sistemit te Transmetimit	Albania
34.	Seps	Slovakia
35.	TenneT TSO BV	Netherlands
36.	Terna	Italy
37.	Transelectrica	Romania

Conveners and Leaders of StGs and WGs and RGs

1.	StG CNC	Denmark
2.	TF Grid Connection	Slovakia
3.	RG North Sea	Ireland
4.	RG Continental Southwest	Portugal
5.	RG Continental Central South	Italy

Excused

1.	Eles	Slovenia
2.	Landsnet	Iceland
3.	NOSBiH	Bosnia & Herzegovina
4.	Ukrenergo	Ukraine
5.	Transmission System Operator-Cyprus	Cyprus

1. Attendance, quorum and approval of draft Agenda

The Chair welcomed the Committee members to the 117th SDC meeting in Budapest. She thanked Mavir for the hospitality and also thanked Mavir's CEO for his insightful opening remarks ahead of the meeting.

The Chair suggested to reorder some topics in the agenda, taking the Data & Models topic at the end of Day 1, and shifting the ERAA topic to the start of Day 2. She noted that as in previous meetings no presentations or discussions are planned for information items; any questions can be covered at the end of the meeting. No other comments were made.

The Chair stated the meeting was quorate

DECISION
35 out of 40 of the TSOs represented in the System Development Committee are attending the meeting, the SDC Chair states that the Committee meeting reaches the necessary quorum of half its members.

2. SD Programme Management

2.1. SDC Dashboard

(not presented in the meeting)

3. SDC approach 2027

3.1. Meetings 2027 schedule

The SDC Chair presented an updated schedule for the SDC meeting calendar of 2027, based on comments received over past month. It was difficult to accommodate for all constraints, and it was noted some days may still be difficult for some members. The Chair noted that also the schedule as given in the Session File is slightly updated, for SDC validation. The Committee confirmed the schedule for 2027. One member abstained.

DECISION
The SDC: ➢ approves the meeting dates for 2027: - 23-24 February 2027 - 28-29 April 2027 - 23 June 2027 (SDC Strategy Seminar 2027) and 24 June 2027 (SDC meeting) - 14-15 September 2027 (online meeting) - 18-19 October 2027 - 30 November 2027

3.2. SDC sponsor scheme

The SDC Chair presented a proposal for a new SDC sponsor scheme. The objective is to have a light-touch approach (no new responsibilities or governance) that enables further improvements in how complex SDC topics are brought for SDC discussion and guidance. The Committee members gave initial reactions during

the meeting, mostly going in the direction to be very clear what the responsibilities are for SDC and Steering Groups in itself. In this context, some members confirmed again to ensure sufficient strategic debate can take place in the Committee meetings and dedicated separate sessions. The Chair thanked the members for their thoughts, which will be taken into account for any possible next steps.

4. Board and Assembly updates

4.1. Debrief Board 22-23 September 2026

(not presented in the meeting)

4.2 Debrief Assembly 22 October 2026

(not presented in the meeting)

4.3. Closure of Offshore Board Group (OBG) and new coordination approach

(not presented in the meeting)

5. WG Products Strategy

5.1. Draft SDC Work Plan 2030

The Convenor of WG Products Strategy and the Planning & Implementation Manager presented the draft SDC work plan towards 2030. SDC members asked the WG to consider additional consideration of activities related to affordability and cost-sharing additional objectives, and further improvements to transparency, stakeholder engagement and project management. The next step will be to identify impacts on resources needs and prioritisation.

5.2. SDC input to ENTSO-E Vision paper

The Convenor of WG Products Strategy and the Planning & Implementation Manager presented the draft paper for approval and the initial general ideas of the vision to be developed in 2027. Members asked for minor edits to the wording of the paper for approval. For the vision paper, members proposed ideas related to fill in the bridge between TYNDP and NDPs, on the role of hydrogen and on adequacy. WG PS will further develop the paper and organise additional discussion.

DECISION

The SDC:

- approves the input for the ENTSO-E paper on the governance of the IEM, taking into account the comments made during the meeting.

6. European Policy

6.1. General policy update

(not presented in the meeting)

6.2. EU Grids Package: status update

The Planning and Implementation Manager gave an overview of public information available on trilogue discussions regarding the TEN-E Regulation. The Chair added that initial discussions have started with the European Commission on practical implementation steps of the direction known so far in the TEN-E Regulation.

6.3. Energy Security Framework revision

The Secretariat presented publicly available expectations on the upcoming Energy Security Framework legislation. The Chair highlighted that here ENTSO-E should still propose a methodology while ACER should approve, as in the initial Risk Preparedness Regulation and different from the EU Grids Package. Committee members provided initial views on how some of these aspects are already considered in SDC workstreams and raised attention that it will be important to assess how this would interact with other existing European and national legislations.

6.4. Electrification: ENTSO-E scope of work from SDC perspective

The Chair asked guidance from the Committee on how to organise our work and provide meaningful input to the legislative electrification debate. This is a key topic for ENTSO-E in line with the new strategy; the Board asked SDC to take the lead on this. An overview of related ongoing work and possible new focus points was shared with the Committee. Members confirmed it is important to be proactive on this topic based on TSO expertise before any new legislative proposals come out. Initial reactions included to use TYNDP Scenario Building tools and focus on TSO/DSO coordination.

7. Open-source strategy

7.1. Implementation roadmap – progress report

Following the Committee's approval of the open-source strategy for system planning in June 2026, the PyPSA Reference Group initiated the development of a roadmap to support its implementation. Several key elements were presented to the Committee, including the objectives and definition of transparency, the targeted level of replicability for each product, and an overview of the ownership of data, models, and model builders, distinguishing between assets owned by individual TSOs and those developed and maintained collectively by ENTSO-E. Building on the discussions held at the September meeting, the Committee gave further views on transparency relating to input datasets, algebraic formulations, model builders, and models. In particular the question was raised again to provide clarity on what is meant by ‘a model’, and on the ownership of all elements brought in, used, adapted and fully developed by TSOs in ENTSO-E work.

From an organisational perspective, and to support the transition from strategy to implementation, it was proposed to evolve the current PyPSA Reference Group (which was an informal setting of SDC members preparing SDC discussions) into a dedicated Project Team. This structure would facilitate both strategic and technical discussions while retaining the key responsibilities currently entrusted to the Reference Group. The role would include oversight of implementation activities and supervision of any future cooperation arrangements with external stakeholders.

Regarding potential external cooperations, several generic transverse topics were explored. Some promising aspects relate to for instance interoperability, user interface, training activities.

The Committee requested that the PyPSA Reference Group prepare a Project Initiation Document (PID) setting out the definition, objectives and resource framework for the open-source implementation phase.

DECISION
The SDC: ➢ acknowledges the implementation roadmap progress report.

8. Asset Implementation & Management, and Supply Chains

8.1. Transmission Grid Investment and Supply Chain Assessment Report 2026

The WG AIM Convenor presented the final draft report that assesses transmission investment needs for 2026-2035 and how ready the European supply chain is to deliver them. It builds on the SDC Investment Pipeline Survey 2026 (with input from 27 TSOs across seven asset categories) and was finalised after the cross-Committee review from 5 to 16 October 2026. SDC advised having a proactive communication and stakeholder outreach on the report. The Chair welcomed the effort and asked that main findings are prepared for presentation and interventions so that they are also clear to a non-technical audience.

DECISION
The SDC: ➢ approves the Transmission Grid Investment and Supply Chain Assessment Report 2026.

8.2. AIM Roadmap

The WG AIM Convenor presented the WG AIM roadmap and its priority activities for approval. A draft was shared earlier for review. Committee members noted that some technical topics are not meant to interfere with sensitive regulatory topics but could be perceived this way. The Committee approved the roadmap. One member abstained.

DECISION
The SDC: ➢ approves the WG AIM roadmap.

9. TF Grid Connections

9.1. Report “Grid Connections Under Pressure “

The TF GC Convenor presented the final report. It sets out the TSO perspective on practical solutions to grid connection pressure, including prioritisation and addressing inactive or insufficiently mature projects from connection queues. The report was finalised after a cross-Committee review from 7 July to 24 August 2026. The Chair welcomed the effort and asked that main findings are prepared for presentation and interventions so that they are also clear to a non-technical audience.

DECISION
The SDC: ➢ approves the final report Grid Connections Under Pressure: Challenges and Practical Solutions.

9.2. Progress report: recent workshops

(not presented during the meeting)

10. Public Engagement

10.1. Progress report

The Secretariat shared an update on how an ENTSO-E position on public engagement is being developed with TSO experts in this area. SDC members were asked to provide feedback on initial key messages, ahead of an SDC, LRG and PCG review of a draft position note. The proposal will be brought for SDC approval in the December meeting. Committee members gave reactions, notably on permitting and positive framing of message around cost recognition.

11. ERAA 2026

11.1. Progress report on ERAA 2026

(Note: with the shift in agenda, this topic was discussed at the Committee's second meeting day)

The StG Convenor on ERAA 2026 informed the Committee of latest progress in the project. This included important updates from a StG meeting last Friday, after the SDC session file was sent out. Committee members were already informed in recent webinars on progress of the calculations in two dedicated modelling streams. The Convenor informed on how the Market Study Team and the Steering Group itself concluded on quality checks and timeline. The Chair invited Committee members to give guidance to the StG on this trade-off, taking into account appropriate risk assessment perspectives and the mandate (PID) that the SDC had given to the group. Based on an extensive round of feedback, the Chair and Convenor concluded that while urgent clarity is needed for the StG to prepare final steps in the ERAA 2026, also further deliberation is needed on some questions raised in the meeting. Also, further insights from ongoing model runs can advance this discussion. The Committee asked for an ad-hoc webinar in coming week, covering the points raised in the meeting, and likely to be followed up with an SDC written vote to give clear guidance for finalising the ERAA 2026.

DECISION

The SDC:

- takes note of the reporting.

11.2. SDC guidance on ERAA 2026 publication

The StG Convenor on ERAA 2026 asked the Committee for views on how to handle two modelling stream outcomes in the ERAA report, noting the requirements from the ACER methodology to use one reference tool, and noting the ACER decisions on previous ERAA editions. Committee members reconfirmed the need to have credible results, but also being transparent on the uncertainty that is inherent in adequacy assessments. The ERAA should not pretend there is a single truth or perfect forecast.

12. Discussion on information items

No questions were raised on any of the information items.

Tuesday, 27 October 2026

13. Review attendance, quorum and approval of draft agenda

The SDC Chair thanked Mavir for an excellent evening social activity in Budapest. She also formally welcomed the new Committee members from REN and Swissgrid, both with extensive experience in ENTSO-E already.

14. StG Connection Network Codes

14.1 RfG 2.0: updates on the timeline, final text, and new legal mandate on compliance

The StG CNC Convenor provided an update on NC RfG 2.0 developments. The EC reviewed feedback from their public consultation and circulated a revised draft to MSs in mid-October. Further comments from MSs are expected by 4 November. The text will be finalised in November, after which it will undergo a two-month translation process followed by a two-month scrutiny period by the European Parliament and the Council. Consequently, the entry into force is expected in the first half of 2027.

14.2. New Expert Group on non-observable embedded generation within SO/GC ESC

(not presented in the meeting)

15. StG Data & Models

15.1. Dashboard

(not presented in the meeting)

15.2. ICTC data management strategy & draft PID

(Note: with the shift in agenda, this topic was discussed at the Committee's first meeting day)

The Planning and Implementation Manager presented the progress made towards the development and approval of a data management strategy under the ICT Committee, and the ongoing preparation of a PID for the first implementation steps. Committee members were invited to share reactions (also after the meeting) on the approach and objectives.

16. TYNDP 2026

16.1 Progress report & timeline update

The TYNDP 2026 Convener gave a status update and new projected timeline. This included latest developments, after the session file was shared with SDC and after the last StG meeting. The sharing of CBA results with promoters will take place at the beginning of November, still during the PCI/PMI application window. SDC took note of all latest developments and asked the StG to consider all options that allow the public consultation of the full draft TYNDP2026 package to still start before end of this year.

DECISION
The SDC:

- takes note of the updated timeline and acknowledges the milestones for the deliveries of CBA and IoSN results.

16.2 IoSN 2026 results update

The Secretariat presented the draft results of the IoSN 2035 and 2040 to the Committee. A short comparison of KPIs with those of TYNDP 2024 was also presented (focus on 2040 assessed in both cycles). The Committee asked clarification on how the consideration of internal reinforcement costs in the IoSN candidates definition remains consistent with the analysis made on the internal network congestion in the IoSN dispatches simulations. It was also noted that the scenario assumptions of the hydrogen sector might need further attention in the preparation of the final reporting.

16.3 Socio-economic welfare–indicator: sharing country and component split with EC and ACER

(not presented in the meeting)

16.4. Promoter project data update

(not presented in the meeting)

17. TYNDP 2028

17.1. Assembly debrief on long-term strategy and KPIP.

The SDC Chair gave a debrief of the Assembly discussion last week on TYNDP long-term strategy and TYNDP 2028 KPIP. The Assembly highlighted the importance of ENTSO-E's public communication efforts. The Assembly also took note of the changes in ENTSO-E's collaboration with EC and ACER. The impact on resources and budget will be addressed and will feed into the association-wide budget setting for 2028. The Assembly is planned to make a formal decision on this in March 2027, with initial guidance asked in their December 2026 meeting. The Committee noted the importance of clarity on direction as the PID for TYNDP 2028 is under development. The Chair noted that the PID teams and technical teams should make a proposal themselves and can plan as far ahead as possible using similar assumptions as for past TYNDP.

17.2 TYNDP 2028 PID

The Secretariat updated the Committee on the PID development.

17.3 ILM Roadmap implementation – Pilot Study preparations

The Secretariat outlined proposed steps and key questions for an ILM pilot study. The Committee highlighted the importance of consistency of the ILM pilot study with the innovation planned in the TYNDP 2028 Scenarios. Further discussions on the appropriate operational set up will be discussed in the context of the development of the TYNDP 2028 PID.

17.4. CBA 5 work plan

The Secretariat provided the work plan and timeline for the development of a CBA 5 methodology. The team highlighted the country split of benefits as critical topic and invited Committee feedback. A survey will be shared with SDC Members. The Committee asked the group to check the addition of any new category of

projects related to security in the framework of the future PCIs and assess the need for integrating this to the CBA methodology.

18. TYNDP Scenarios 2028

18.1 Progress report, including policy cut-off dates

(not presented in the meeting)

18.2 Innovation Roadmap

The Secretariat presented the draft TYNDP Innovation Roadmap. The Committee clarified it is important to give such transparent documents. It is non-binding and shows both intentions planned by ENTSO-E/ENTSOG/ENNOH, as well as expectations from stakeholders.

DECISION
The SDC: ➢ approves the first version of the TYNDP 2028 Innovation Roadmap.

18.3 PID development and escalation process

The Scenario Building Steering Group Convenor informed on the TYNDP Scenarios 2028 PID development. In particular new proposals are shared on how decision making can be kept as effective and transparent as possible.

18.4. Data-sharing of TYNDP 2026 scenarios hourly time-series for 30 climate years to third party

The Secretariat informed of a request by an academic to have access to non-public detailed demand profiles of TYNDP 2026 scenarios. Climatic data patterns themselves are public already. The Committee advised for caution on sharing data publicly if there were no quality checks planned for this purpose and asked to constructively engage with the requesting party based on all data that is already publicly available.

19. TSO - DSOs practises in national grid planning

19.1. Status update on the cooperation with EU DSO Entity

The SDC Chair reminded every TSO that has not yet answered the TSO-DSO survey to do it, as it can help on the electrification discussion and will feed into the next Copenhagen Forum.

19.2. National planning hub updates

(not presented in the meeting)

20. Regional Investment Plans 2026

20.1. Inclusion of study on shadow prices in Regional Investment Plans 2026

(not presented in the meeting)

21. Any other Business

21.1. Convenorship RG CSE – 2nd mandate

(not presented in the meeting)

22. Approval of Decisions

The Chair stated that all decisions taken in the meeting as shown on screen are final.

23. Discussion on information items

(no other discussion items on information topics were raised.)