83rd Research, Development and Innovation Committee Meeting

Date: 10 September 2026
Time: 08:30 – 15:30 (CEST)
Place: Normandy Le Chantier Hotel, 7 Rue de l'Échelle, 75001 Paris, France

Participants

Vice-Chairman

	Terna	Italy

Members

1.	APG	Austria
2.	AST	Latvia
3.	CEPS	Czech Republic
4.	Elering	Estonia
5.	Fingrid	Finland
6.	HOPS	Croatia
7.	IPTO	Greece
8.	Litgrid	Lithuania
9.	PSE	Poland
10.	REE	Spain
11.	RTE	France
12.	SONI	Northern Ireland
13.	Statnett	Norway
14.	Svenska Kraftnät	Sweden
15.	TenneT TSO BV	The Netherlands
16.	TenneT TSO GmbH	Germany
17.	Terna	Italty
18.	Transelectrica	Romania
19.	TransnetBW	Germany
Online		
20.	CGES	Montenegro
21.	Eles	Slovenia
22.	Landsnet	Icelnad
23.	Mavir	Hungary
24.	REN	Portugal

Substitutes

25.	50Hertz	Germany
26.	Amprion	Germany

27.	EirGrid	Ireland
28.	Elia	Belgium
29.	EMS	Serbia
30.	Seps	Slovakia
31.	Terna	Italy
32.	Ukrenergo	Ukraine

Convenors and representatives of WGs and TFs

1.	WG Research Development & Innovation Planning	Italy
2.	WG Transmission Grid Technologies (TGT)	Spain
3.	WG Future Energy Systems	Norway
4.	WG Future Energy Systems	Italy
5.	TF Uptake Innovation Coordination (UIC)	France
Online		
6.	WG Digital &Communication	Poland
7.	TF Space4TSOs	Germany

Secretariat

	ENTSO-E	

Excused

1.	RDIC Chair	Slovenia
2.	Energinet	Denmark
3.	MEPSO	North Macedonia
4.	OST	Albania
5.	Swissgrid	Switzerland

TOP 1. Welcome and Attendance quorum, approval of draft agenda
The RDIC Chair welcomes all participants to the 83rd RDIC meeting taking place in Paris, France.

Topic points:
- Confirmation and welcome of participants.
- Approval of the agenda.

Decisions:
- 31 of 35 TSOs represented in the Research, Development and Innovation Committee attend the meeting. The RDIC is quorate.
- The RDIC approves the agenda.

BLOCK 1: STRATEGY TOPICS

TOP 2. Strategic discussion topics
The WG Digital & Communication Convenor and TF AI expert highlight the importance of strengthening capabilities to support accelerating TSO's digital grid ambitions. The Convenor informs the RDIC about the progress of the AI.grids WG2B activities and the ongoing work towards stewardship development, testing, and validation of the developed concepts and frameworks. The Convenor also informs the RDIC about ENTSO-E's response to the European Commission consultation on High-Risk AI Classification Guidelines.

The WG Digital & Communication Convenor further updates the RDIC on the status of ENTSO-E's amendment proposal to Article 18a(5) of the proposed Network Charges Regulation.

The WG Transmission Grid Technologies (TGT) Convenor informs the RDIC on the Request for Proposal for a Harmonised BIM Framework for Europe's transmission grid digital backbone, the Project Initiation Document (PID) and the BIM awareness report for TSO C-level. The RDIC endorses the proposed PID for Building Information Modelling (BIM).

The WG Future Energy Systems (FES) Convenor presents the Flexibility Platforms PID for approval and informs about the project's next steps. The WG FES Co-convenor informs about the latest updates on the development of the data centres Tripartite Agreement model, stemming from the European Commission Declaration of Intent on the sustainable integration of data centres into the EU energy system.

Topic points:
- WG Digital and Communication/TF AI:
  - Capability challenge behind TSO Digital grid ambition
  - AI.grids WG2B – next steps towards implementation/testing validation
  - Update on EC consultation on High-Risk AI classification guidelines
- WG Digital and Communication:
  - ENTSO-E amendment proposal to Article 18a(5) of Network charges regulation
- WG Transmission Grid Technologies (TGT)/TF BIM:
  - Request for Proposal towards the ENTSO-E's Harmonised BIM Framework for Europe's Transmission Grid digital backbone
  - Project Initiation Document (PID)
  - Report on BIM for awareness of TSO C-Level
- WG Future Energy Systems:
  - Flexibility Platforms: PID approval
  - Data Centres: Updates on the Tripartite Agreement

Decisions:

- The RDIC takes note of ENTSO-E response to EC consultation on high-risk classification of AI.
- The RDIC takes note of the next steps/status of AI.grids stewardship development.
- The RDIC takes note of the status and next steps regarding the European Commission proposal for amending Regulation (EU) 2019/943, as regards future-proofing electricity bills in the Union, through reducing system costs and fostering electrification and digitalisation.
- The RDIC approves the proposed Project Initiation Document for Building Information Modelling (BIM).
- The RDIC approves the Flexibility Platforms Project Initiation Document.
- The RDIC takes note of the updates on Data Centre work under the Declaration of Intent on the sustainable integration of data centres into the EU energy system.

BLOCK 2: Q&A ON INFORMATION TOPICS

TOP 3. Q&A on information topics

The Space4TSOs Leader updates the RDIC Members on the preparation for the 'Powering a Sustainable Future: Energy, Space & Innovation' in conjunction with ESA on 16 September 2026.

The WG Transmission Grid Technologies (TGT) Convenor informs the RDIC about the Raw Material Passport (RMP) framework, the TF SF6 & Alternative Gasses (SF6 & AGAS) Taskforce, and virtual Protection and Control for Digital Substations; the RDIC supports the RMP work and endorses putting the SF6 & AGAS Taskforce on hold.

The WG Future Energy Systems Convenor and Co-convenor update the RDIC on the Long Duration Energy Storage project and its timeline. The Convenor also presents the upcoming questionnaire to update ENTSO-E's positions on electromobility.

The WG Research, Development and Innovation Planning Convenor updates the RDIC on the Innovation Database Planning and Timeline and informs on the results from the procurement process and the proposal received. The Convenor highlights next steps and the importance to have RDIC support for the Project's data collection.

TF Uptake Innovation Coordination Convenor informs the RDIC on the ongoing Horizon Europe call coordination and on the results on the recently evaluated proposals.

TF Flexibility informs the RDIC of the main implementation challenges of the Flexibility Needs Assessment methodology, identified by the TSOs. The Committee is also asked to note that ACER is planning to publish a first version of their pan-EU flexibility model and a teaser paper in November. The Task Force is strengthening their coordination with ERAA team to provide a timely response to the ACER paper.

The WG Security and Operations of Tomorrow reminds the RDIC of the two ongoing calls for experts for the two upcoming projects to commence: i) ENTSO-E Stability Roadmap and ii) Enhanced Stability Monitoring in Future Control Rooms. Further insights from the grid forming maturity survey were shared as well as a renewed call for participation within the WG to progress on grid forming.

The WG Digital & Communication Convenor informs the RDIC about the ongoing development of the Whitepaper on WAMS to SCADA/EMS Integration under Task Force Wide Area Monitoring Systems (WAMS) and the work on the Modular Orchestration Framework (MOF) and the associated capabilities mapping exercise under Task Force Vendor Agnostic Solutions (VAS).

Topic points:

- TF Space4TSOs:
  - Update on the preparation for 16 September event at ESA (ESTEC)
- WG Transmission Grid Technologies (TGT):
  - TF LCA: ENTSO-E Framework Proposal for Raw Material Passports (RMPs) & inter-TSOs webinar
  - TF SF6 & Alternative Gasses (SF6 & AGAS) proposal to be on hold
  - Project Initiation Document (PID) on virtual Protection and Control for Digital Substations
- WG Future Energy Systems:
  - Long Duration Energy Storage: Consultant selection and project timeline
  - Upcoming electromobility questionnaire
- WG Research, Development & Innovation Planning:
  - Technopedia: 2026 cycle update
  - Innovation Database: status update
- TF Uptake Innovation Coordination:
  - Horizon Europe Calls coordination: status update
- TF Flexibility:
  - TSO feedback on first implementation of Flexibility Needs Assessment methodology
  - ACER pan-EU modelling study: impressions from the ACER-TSO webinar
- WG Security and Operations of Tomorrow (SOT)
  - Project ENTSO-E Stability Roadmap
  - Project Enhanced Stability Monitoring in Future Control Rooms
  - (Reminder) 4 potential actions for Grid Forming under RDIC
- WG Digital and Communication
  - Update on Whitepaper for WAMS to SCADA/EMS Integration
  - Update on VAS (Paper) on MOF and capabilities mapping

Decisions:

- The RDIC acknowledges the ongoing steps with the European Space Agency towards grid resilience enhancement.
- The RDIC recognises the relevance of the ENTSO-E framework for Raw Material Passport (RMP) and supports the ongoing work under Working Group Transmission Grid Technologies.
- The RDIC takes note of the updates on Long Duration Energy Storage project and electromobility.
- The RDIC takes notes of status update of the 2026 DSO-TSO Technopedia cycle.
- The RDIC takes note of the status update of the Innovation Database.
- The RDIC takes note of Horizon Calls Coordination efforts.
- The RDIC takes note of recent developments from Task Force Flexibility.
- The RDIC approves the two project proposals submitted by WG System Operations of Tomorrow.
- The RDIC takes note of recent developments from Task Force Wide Area Monitoring Systems and Task Force Vendor Agnostic Solutions.

BLOCK 3: RDIC ADMINISTRATION

TOP 4. RDIC Dashboard 2026

The Innovation Deputy provides an overview of upcoming Committee activities and encourages Members to use the RDIC Dashboard to have access to the latest information.

Topic points:

- RDIC Dashboard: overview of activities

Decisions:

- The RDIC takes note of the status of all RDIC activities.

TOP 5. RDIC metrics, 2026 Budget and procurement status

The Head of Innovation Section informs Members of the latest status highlights regarding RDIC's metrics. The Committee is also updated on the execution status of the 2026 budget and ongoing procurements.

Topic points:

- RDIC metrics
- Budget execution status
- Procurement status

Decisions:

- The RDIC takes note of the RDIC metrics, budget execution and procurement status.

TOP 6. Governance RDIC

The Head of the Innovation Section presents the vacant positions within the Committee and highlights the importance of filling these positions to ensure that the related activities can proceed as planned. The Secretariat shares a proposal for 2027 Committee meeting dates which is approved by the Members. The Secretariat presents a proposal for extending the possible appointment of representatives of Moldelectrica as observers to all Working Groups and Task Forces under the Committee in the renewal of the Observer Membership Agreement of Moldelectrica.

Topic points:

- WG SOT Convenorship
- TF Flexibility Convenorship
- Board Group TSO-DSO Representative
- 2027 RDIC meeting dates proposal
- Moldelectrica – Observer Member status

Decisions:

- The RDIC takes note of the open positions within the Committee.
- The RDIC approves the proposed Committee meeting dates for 2027.
- The RDIC approves the extension of the possible appointment of representatives of Moldelectrica as observers to all Working Groups and Task Forces under the Committee in the renewal of the Observer Membership Agreement of Moldelectrica.

TOP 7. Report from the Board, Assembly and Resources Committee

The RDIC Vice-Chair presents updates from the recent Assembly and Resources Committee meetings, focusing on the outcomes of the ENTSO-E prioritisation exercise.

Topic points:

- Report from Assembly meeting, 30 June 2026
- Report from Resources Committee, 8 September 2026

Decisions:

- The RDIC takes note of the updates from:
  - Assembly meeting, 30 June 2026.
  - Resources Committee meeting, 8 September 2026.
- The RDIC endorses the proposal on RDIC priorities for 2027.

TOP 8. RDIC Annual Work Programme 2027

The Head of Innovation Section presents an update on the Annual Work Programme (AWP) 2027 process and shares the draft Work Programme of the Research, Development and Innovation Committee. The preliminary timeline for the Annual Work Programme 2028 is subsequently presented to the Members.

Topic points:

- RDIC 2027 AWP – status update
- 2028 AWP cycle - timeline

Decisions:

- The RDIC takes note of draft 2027 Annual Work Programme.
- The RDIC takes note of draft 2028 Annual Work Programme timeline starting as of January 2027.

TOP 9. Report from Board Groups

The TSO-DSO Specialist presents recent updates from BG TSO-DSO, mainly a summary of discussions from the ENTSO-E & DSO Entity Board Representatives Meeting in July 2026.

The RDIC Representative to BG Offshore gives an overview of the main discussion in the last BG Offshore related to decision to maintain the Board Group in another structure.

Topic points:

- BG TSO-DSO
- BG Offshore

Decisions:

- The RDIC takes note of the updates from Board Groups.

TOP 10. Report from ETIP SNET

The ETIP SNET Chair presents recent developments and updates to RDIC Members, focusing on the ongoing drafting of the ETIP SNET Strategic Research and Innovation Agenda (SRIA), which will contribute to the preparation of the next Horizon Europe Work Programme. The Chair informs the TSO Non-paper was shared with ETIP SNET Community and is currently being incorporated in the draft Strategic Research & Innovation Agenda document.

Topic points:

- News and updates
- Strategic Research & Innovation Agenda (SRIA): status updates

Decisions:

- The RDIC takes note of the updates from ETIP SNET.

BLOCK 4: WORKSHOP/GROUP DISCUSSIONS

TOP 11. Breakout sessions, followed by plenum presentation

Session 1: Data Centres Tripartite Agreement Model

The session is focused on a thorough discussion of the draft proposals for the data centres Tripartite Agreement model, stemming from the European Commission Declaration of Intent on the sustainable integration of data centres into the EU energy system.

Session 2: Electrification Action Plan

The session is focused on the published Electrification Action Plan and the relevant actions where ENTSO-E and particularly the Research, Development and Innovation Committee can contribute, also in alignment with past, ongoing and planned work and positions.

Topic points:

- Session 1: Data Centres Tripartite Agreement Model
- Session 2: Electrification Action Plan

Decisions:

- N/A.

BLOCK 5: AoB & APPROVAL OF DECISIONS

TOP 12. Approval of the Decisions

Topic points:

- Approval of the Decisions

Decisions:

- The RDIC approves the Decisions and draft minutes of the meeting.