

# 72<sup>nd</sup> Research, Development and Innovation Committee Meeting

**Date:** 20 June 2024

**Time:** 09.00 – 15.30h

**Place:** PSE Office, Warszawska Street 165 – 05-520 Konstancin-Jeziorna (Poland)

## Participants

### *Chairman*

	Eles	Slovenia
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### *Vice Chairman*

	Terna	Italy
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### *Members*

1.	Amprion	Germany
2.	APG	Austria
3.	Elering	Estonia
4.	Elia	Belgium
5.	EMS	Serbia
6.	Energinet	Denmark
7.	Fingrid	Finland
8.	IPTO	Greece
9.	Landsnet	Iceland
10.	Litgrid	Lithuania
11.	Mavir	Hungary
12.	PSE	Poland
13.	REE	Spain
14.	REN	Portugal
15.	Seps	Slovakia
16.	Statnett	Norway
17.	Svenska Kraftnät	Sweden
18.	TenneT TSO BV	The Netherlands
19.	TenneT TSO GmbH	Germany
20.	Terna	Italy
21.	Transelectrica	Romania

### *Substitutes*

22.	50Hertz Transmission	Germany
23.	AS Augstsprieguma tikls	Latvia
24.	CGES	Montenegro
25.	EirGrid	Ireland
26.	Elia	Belgium

27.	Mavir	Hungary
28.	REN	Portugal
29.	RTE	France
30.	SONI	Northern Ireland
31.	Terna	Italy
32.	Transelectrica	Romania
33.	Ukrenergo	Ukraine

**Conveners WGs**

1.	WG 1 Assets and Technologies – Convenor	Norway
2.	WG 2 Security and Operations of tomorrow	Germany
3.	WG 4 Future of energy systems	Italy
4.	WG 5 Digital & Communication	Poland
5.	WG RDIP	Portugal
6.	TF DIC	France
7.	RDIC Representative for sector coupling	Italy

**Secretariat**

	ENTSO-E	
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**Excused**

1.	CEPS	Czech Republic
2.	Eles	Slovenia
3.	HOPS	Croatia
4.	MEPSO	Republic of North Macedonia
5.	OST	Albania
6.	Swissgrid	Switzerland
7.	TransnetBW	Germany
8.	WG 3 Flexibility and Markets	Ireland



## BLOCK 1: RDIC ADMINISTRATION

### TOP 1. Welcome and Attendance quorum

The Chair welcomes all participants to the 72<sup>nd</sup> RDIC meeting taking place in the PSE office in Konstancin-Jeziorna.

#### Topic point:

- Confirmation and welcome of participants.

#### Decisions proposal:

- 28 of 35 TSOs represented in the Research, Development and Innovation Committee attend the meeting. The RDIC is quorate.

### TOP 2. Approval of draft agenda and RDIC Dashboard 2024

The Chair presents the agenda of the day and the Manager within the Innovation Section presents the dashboard with the ongoing actions and activities as well as the 2024 budget and its execution status.

#### Topic point:

- RDIC Dashboard and Budget 2024.

#### Decisions proposal:

- The RDIC:
  - approves the agenda;
  - takes note of the RDIC Dashboard activities and their advancement;
  - takes note of the RDIC 2024 budget execution status and Q2 2024 forecast.

### TOP 3. Governance RDIC

The Chair presents the application for the convenorship of WG2 - "Security & Operations of Tomorrow" and asks for the endorsement of the committee for the applicant for a second term. Furthermore, the Chair addresses the appointment of an ad-interim Task Force DIC Convenor, effective from 1 July until 25 September and announces the launch of the call for the convenorship of Task Force DIC. Lastly, the Chair informs on developments regarding the WG1 - "Assets & Technologies" Vice-Convenor.

#### Topic point:

- Appointment of WG2 "Security & Operations of Tomorrow" Convenor.
- Appointment of ad-interim Task Force DIC Convenor (from 1 July until 25 September).
- WG1 "Assets & Technologies" Vice-Convenor role update.
- Launch call for convenorship of Task Force DIC.

#### Decisions proposal:

- The RDIC appoints the candidate from Amprion for the position of WG2 Convenor for a second mandate of two years, starting as of 20 June 2024.
- The RDIC takes note of the resignation of the incumbent TF DIC Convenor and the next steps for the election process in accordance with Article 4 of Internal ENTSO-E Regulations.
- The RDIC appoints the Secretariat as an interim TF DIC Convenor until the election that will take place at the 73<sup>rd</sup> RDIC meeting on 25 September 2024.

## BLOCK 2: STRATEGY TOPICS

### TOP 4. Report from Board meeting, 5 June 2024, and preparation for the next Assembly meeting, 26 June 2024

The RDIC Chair reports on the relevant outcomes from the ENTSO-E Board meeting on 5 June 2024 as well as the preparations for the next ENTSO-E Assembly meeting on 26 June 2024.

#### Topic point:

- Report from Board meeting, 5 June 2024, and preparation for the next Assembly meeting, 26 June 2024.

#### Decisions proposal:

- The RDIC takes note of the Report from the Board meeting, 5 June 2024, and preparation for the next Assembly meeting, 26 June 2024.

### TOP 5. RDI Roadmap 2024-2034

The WG RDIP Convenor presents the outcomes of the public consultation of the ENTSO-E RDI Roadmap 2024-2034, and the final steps before the publication of the document. Furthermore, the Convenor highlights the expectation for the RDI Roadmap to be public by the end of June 2024.

#### Topic point:

- RDI Roadmap – public consultation results

#### Decisions proposal:

- The RDIC takes note of the results of public consultation regarding the RDI Roadmap 2024-2034.

### TOP 6. Digitalising the Energy System – EU Actions plan / Smart Grid Indicators

The RDIC Chair provides an update on the technical paper on Smart Grid Indicators (SGIs), set to be presented at the Copenhagen Infrastructure Forum. Additionally, the Secretariat presents the outcomes of the first Advisory Board meeting and reports on the ongoing work and developments from the Digitalization of Energy Action (DESAP) project.

#### Topic point:

- Technical Report on Smart Grid Indicators for the Infrastructure Forum.
- Updates from the DESAP project – stakeholder engagements.

#### Decisions proposal:

The RDIC takes note of:

- status of the Technical Paper on Smart Grid Indicators that was prepared for the next Infrastructure Forum 2024;
- the outcome from the stakeholder engagement during the 1st Digitalization of Energy Action (DESAP) project Advisory Board Meeting;
- the status of ongoing work and developments in the Digitalization of Energy Action (DESAP) project.

## TOP 7. Flexibility Needs Assessment

The RDIC Chair presents the Flexibility Needs workstream providing an update from the high level meetings with the Board, ACER and European Commission with regard to the relevant work with the EU DSO Entity on a Methodology for the Analysis by TSOs and DSOs of the National Flexibility Needs and the preparatory work focused on system flexibility needs. The Chair then continues by describing the proposed Working Group governance, inspired from the Network Code Demand Response, to carry out the work on Flexibility Needs jointly with the EUDSO entity and a tentative timeline

### Topic point:

- Governance for System Flexibility Needs and EMDR methodology for national assessment.
- Planning for System Flexibility Needs – next steps post 24 May 2024 webinar.

### Decisions proposal:

- The RDIC takes note of:
  - the progress and next steps of the ENTSO-E's work on System Flexibility Needs;
  - the proposed governance to support the delivery of the Methodology for the National Flexibility Needs Assessment according to the upcoming Electricity Market Design Regulation.

## TOP 8. Metering Data Hub in Poland – PSE's presentation

The PSE Representative gives a presentation on the Metering Data Hub in Poland, taking stock of its functionalities, legal/technical requirements, as well as the benefits for various stakeholders.

### Topic point:

- Metering Data Hub in Poland – PSE's presentation.

### Decisions proposal:

- The RDIC welcomes PSE's presentation on the Metering Data Hub in Poland.

## BLOCK 3: WORKING GROUPS

**TOP 9. TF Demonstration and Innovation Coordination**

The TF DIC Convenor provides an overview of the Horizon Europe Work Programme 2025, the new InterTSO initiative, as well as some minor updates. The RDIC takes note of the draft Work Programme and endorses the SupraMarine Initiative. Members and Working Groups are invited to support the TF DIC task and state their interest for the Work Programme 2025 calls. RDIC Working Groups are reminded to prepare for contributing to the Innovation Deployment Methodology after the 2024-2034 RDI Roadmap release.

**Topic point:**

- Horizon Europe Work Programme 2025: Coordination initiation.
- New InterTSO initiative.
- Minor updates

**Decisions proposal:**

- The RDIC takes note of the publication of the draft Horizon Europe Work Programme 2025.
- The RDIC acknowledges and endorses the SupraMarine Initiative and encourages Members to welcome this kind of interaction between external stakeholders and ENTSO-E.

**TOP 10. WG5 Digital & Communication**

The WG5 Digital & Communication Convenor provides an overall progress update on the individual task forces. Updates from WG5/TFs activities include updates on the AI survey, PMU implementation guidelines and standards survey. Additionally, the WG5 Convenor provides a status update on the WG5 support for the Digital factsheets in Technopedia and representation in the EG TSO-DSO.

**Topic point:****Flagship 6:**

- Updates from WG5/TFs activities:
  - TF DT&AI: Updates on AI survey;
  - TF WAMS: Updates on PMU implementation guidelines;
  - TF VIS: Updates on standards survey.

**Decisions proposal:**

- The RDIC takes note of the overall progress of the individual task forces within WG5 – Digital & Communication.

**TOP 11. WG4 Future of Energy Systems**

The Task Force Leader delivers an update on the progress of the Water Energy Study's development and procurement process. Then, the TF Leader outlines the study's content and provides an overview of the project timeline. Additionally, the WG4 Convenor provides updates on the formation of new Task Forces and the selection of new topics for future work.

**Topic point:**

- Water Energy Nexus study.
- New topics for future work.

**Decisions proposal:**

- The RDIC takes note of the scoping activities in preparation of a paper on Water Energy Nexus.
- The RDIC takes note of the new topics discussed under both WG3 – Flexibility and Markets and WG4 – Future of Energy Systems, supports the formation of the new Task Forces and encourages the Members to continue with the scoping activities.

**TOP 12. WG3 Flexibility and Markets**

The Substitute of the WG3 Convenor delivers an update on the progress of the hydrogen study's development and procurement process. Then, the Substitute outlines the study's content and provides an overview of the project timeline. Additionally, the plan for a continuous alignment between the ENTSO-E Gas Cooperation Strategy TF and the hydrogen study is presented by the Substitute.

**Topic point:**

- Hydrogen Study.

**Decisions proposal:**

- The RDIC takes note of the development steps regarding the Hydrogen Study.

**TOP 13. WG1 Assets and Technologies**

The WG1 Convenor presents the outcomes of the 14 June workshop on “Integrating Circular Economy and Life Cycle Assessment in TSOs’ operations”. The Convenor also provides an update on the EU Grid Action Plan, Action 13 and NZIA cross-committee cooperation. In addition, the Convenor provides an overview of the activities around Building Information Model (BIM).

**Topic point:**

- Outcomes of the 14 June workshop on “Integrating circular economy and Life Cycle Assessment in TSOs’ operations”.
- Update on EU Grid Action Plan, Action 13 cross-committee cooperation & NZIA.

**Decisions proposal:**

- The RDIC acknowledges the outcomes of the 14 June workshop on Circular Economy and Life Cycle Assessment.
- The RDIC takes note of the cross-committee cooperation regarding the EU Grid Action Plan, Action 13 and Net Zero Industry Act implementation and endorses it.
- The RDIC takes note of the outcome of the Workshop on PFAS by the IEC Advisory Committee on Electricity Transmission and Distribution on 5 June.

**TOP 14. WG2 Security and Operations of Tomorrow**

The WG2 Convenor updates on Flagship 5, noting that the PID project 'Instability Detection Technologies for System Operators of PE Dominated Systems' faces a project manager vacancy. The RDIC urges its Members to propose candidates by 4 July. For Flagship 4, the RDIC acknowledges the objectives and next steps for the HVDC interoperability workstream and the HVDC reliability position paper. The Members are invited to nominate new experts for the interoperability workstream.

**Topic point:**

Flagship 5:

- Updates on PID 'Instability Detection Technologies for System Operators of PE Dominated Systems’.

Flagship 4:

- Update and next steps on the HVDC reliability paper.

- Interoperability workstream planned next steps.

**Decisions proposal:**

- The RDIC acknowledges the risk posed by the current project manager vacancy for the «Instability Detection Technologies for System Operators of PE Dominated Systems» for a successful and timely completion of the project.
- The RDIC takes note of the proposed objectives, context, and next steps for the HVDC interoperability workstream covering both onshore and offshore networks and targeting their R&D&I gaps.
- The RDIC acknowledges the next steps on «HVDC Reliability» position paper.

**TOP 15. WG RDIP**

The WG RDIP Convenor presents the status of the Technopedia update and informs the RDIC Members about the timeline and next steps of this workstream. Additionally, the Convenor provides an update on the EU Grid Action Plan, Action 7.

**Topic point:**

- Technopedia update and approval of the first batch of factsheets.
- Update on Grid Action Plan, Action 7 status.

**Decisions proposal:**

- The RDIC approves Batch A of Technopedia factsheets (6 assets and 2 digital), noting that the documents will be submitted for proofreading.
- The RDIC takes note of the EU Grid Action Plan, Action 7 status.



**BLOCK 4: INTER TSO-PROJECTS & DISSEMINATION****TOP 16. Dissemination & Communication**

The Secretariat presents the upcoming webinars related to RDIC for Q3 of 2024. The ETIP SNET Vice-Chairman, on behalf of ENTSO-E, provides an update on the current workstreams of the organization, including public events, like CIGRE and ENLIT, where ETIP SNET will be present.

**Topic point:**

- Update on upcoming webinars.
- ETIP SNET update.

**Decisions proposal:**

- The RDIC takes note of the plan of RDI-related events for 2024.

**BLOCK 5: AoB & APPROVAL OF DECISIONS****TOP 17. Any other business (TBC)****Topic point:**

- n/a

**Decisions proposal:**

- n/a

**TOP 18. Approval of the Decisions****Topic point:**

- Approval of the Decisions.

**Decisions proposal:**

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