

## 67<sup>th</sup> Research, Development and Innovation Committee Meeting

**Date:** 15 June 2023

**Time:** 09:00 – 15:00h

**Place:** ENTSO-E Office – Rue de Spa 8, 1000 Brussels  
Meeting rooms AMPERE and VOLT – 3<sup>rd</sup> floor  
Web conference on TEAMS

### Participants (*physical*)

#### *Chairman*

	Statnett	Norway
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#### *Vice Chairman*

	Eles	Slovenia
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#### *Members*

1.	Amprion	Germany
2.	Ceps	Czech Republic
3.	PSE	Poland
4.	Statnett	Norway
5.	Svenska Kraftnät	Sweden
6.	Terna	Italy
7.	TenneT TSO GmbH	Germany
8.	Elia Group	Belgium
9.	50Hertz	Germany
10.	Litgrid	Lithuania
11.	Transelectrica	Romania
12.	FinGrid	Finland
13.	Mavir	Hungary
14.	IPTO	Greece
15.	TenneT TSO BV	The Netherlands
16.	TransnetBW	Germany
17.	RTE	France
18.	Elering	Estonia
19.	MEPSO	Republic of North Macedonia

***Substitutes***

20.	Energinet	Denmark
21.	EirGrid	Ireland
22.	SONI	Northern Ireland
23.	<i>Transelectrica</i>	<i>Romania</i>
24.	REE	Spain
25.	<i>Mavir</i>	<i>Hungary</i>
26.	<i>MEPSO</i>	<i>Republic of North Macedonia</i>
27.	<i>REE</i>	<i>Spain</i>
28.	<i>Eles</i>	<i>Slovenia</i>

***Convenors WGs***

1.	WG 2 Security and Operations of tomorrow	Germany
2.	WG 5 Digital and Communication	Czech Republic
3.	WG 3 Flexibility and Markets	Ireland
4.	WG1 Assets and Technologies – Convenor	Norway
5.	WG Research Development and Innovation Planning (WG RDIP)	Portugal
6.	WG 4 Future of Energy Systems	Italy
7.	TF DIC	France

***Special invitees***

	EU Commission (TBC)	Belgium
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***Secretariat***

	ENTSO-E	
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***Excused***

1.	Seps	Slovakia
2.	OST	Albania
3.	CGES	Montenegro
4.	HOPS	Croatia
5.	Swissgrid	Switzerland

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## Participants (*remote*)

### *Members*

|     |                         |          |
|-----|-------------------------|----------|
| 29. | APG                     | Austria  |
| 30. | AS Augstsprieguma tīkls | Latvia   |
| 31. | EMS                     | Serbia   |
| 32. | Eles                    | Slovenia |

### *Substitutes*

|     |              |              |
|-----|--------------|--------------|
| 33. | <i>Terna</i> | <i>Italy</i> |
| 34. | REN          | Portugal     |

### *Convenors WGs*

|     |                                                |       |
|-----|------------------------------------------------|-------|
| 32. | WG1 Assets and Technologies –<br>Vice-Convenor | Spain |
|-----|------------------------------------------------|-------|

### *Special invitees*

|    |                     |         |
|----|---------------------|---------|
| 1. | EU Commission (TBC) | Belgium |
| 2. | PCG – ENTSO-E       | Belgium |

## BLOCK 1: RDIC ADMINISTRATION

### TOP 1. Welcome and Attendance quorum

The Chair welcomes all participants to the 67<sup>th</sup> RDIC meeting organised as a hybrid meeting, taking place at the ENTSO-E office in Brussels and as web conference. The Chair also welcomes the speakers who will update RDIC on the position paper and advocacy of the Net-Zero Industry Act.

#### Topic point:

- Confirmation and welcome of participants

#### Decisions:

- 28 of 33 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 2023

RDIC Members receive updates on key priorities, organisational aspects, and budget status for 2023.

#### Topic point:

- RDIC Dashboard and Budget 2023

#### Decisions:

- The RDIC approves the agenda.
- The RDIC takes note of the RDIC Dashboard and the good advancement of the activities.
- The RDIC takes note of the RDIC 2023 budget status.

### **TOP 3. Governance RDIC: Election RDIC Vice-Chair**

The ENTSO-E Assembly elected on 30 March 2023, the current RDIC Vice-Chair Uros Salobir from ELES, as new RDIC Chair for a 2-year mandate starting on 28 June 2023.

Following this election, a new Vice-Chair needs to be appointed as of 28 June 2023, for a 2-year mandate in accordance with Article 18(13) of Articles of the Association and pursuant Article 25 of the ENTSO-E Internal Regulations.

A call for candidates was launched in May during which one application was received.

#### **Topic point:**

- Presentation of candidates for RDIC Vice-Chair
- Election of the RDIC Vice-Chair

#### **Decisions:**

- The RDIC takes note of the communication related to the Committee Vice Chair election
- The RDIC acknowledges the nomination of the candidate applying for the RDIC Vice-Chair

### **TOP 4. Governance RDIC: Convenors mandates WG 2, WG 4, WG 5, WG RDIP, TF DIC**

The RDIC is informed about the status of Convenorship-mandates in the different Working Groups/Task Force. According to the respective Internal Regulations, a plan for call for candidates will be planned in the coming period.

#### **Topic point:**

- Current end dates mandates WG 2, WG 4, WG 5, WG RDIP and TF DIC
- Proposal renewals and nominations via call for candidates

#### **Decisions:**

- The RDIC takes note of the status of the current mandates of WG 2, WG 4, WG 5, WG RDIP and TF DIC Convenors and the next steps for election/reappointments in accordance with the Internal Regulations.

## **BLOCK 2: STRATEGY TOPICS**

### **TOP 5 Report from Assembly meeting 30 March 2023 and Report from Board meeting 1 June 2023**

The RDIC Chair reports mainly on the topics discussed during the Board meeting on 1 June 2023.

#### **Topic point:**

- Report from Assembly meeting 30 March 2023 + Report from Board meeting 1 June 2023

#### **Decisions:**

n\a

## **TOP 6. Digitalising the Energy System - EU action plan**

The Vice-Chair of RDIC and Secretariat present the developments of Digitalising the Energy System - EU Action Plan. The Vice-Chair debriefs about the progress achieved together with the EU DSO Entity within the established Joint Task Force and highlights the focus areas for the coming period.

The Board position regarding participation to the EU Grant for Identified Beneficiaries was discussed.

### **Topic point:**

- Update on process and framework
- Update on content development

### **Decisions:**

- The RDIC acknowledges the progress of the Joint Task Force ENTSO-E EU DSO Entity and ongoing developments.
- The RDIC supports the proposed methodology to frame the scoping of work of the Joint Task Force
- The RDIC takes note of the developments regarding the Grant for Identified Beneficiaries

## **TOP 7. Regulation related to smart/digital solutions and infrastructure efficiency**

The RDIC members are updated about the workshop with DG ENER, ACER, CEER, EU DSO Entity and ENTSO-E on Infrastructure Efficiency KPIs (smart grid output indicators) and follow up work required to meet the expectations.

### **Topic point:**

- Summary from ACER/CEER Workshop on 6 June 2023: From Innovation uptake through regulation towards Smart Indicators

### **Decisions:**

- The RDIC takes note of the outcome of the workshop called by DG ENER with ACER and CEER, ENTSO-E and EU DSO entity

## **TOP 8. Net Zero Industrial Act**

The WG1- Assets and Technologies Convenor presents the updates with regard to the Net Zero Industry Act, mentioning the current amendment process as well as the regulatory process at EU Parliament, EU Council and European Commission level. The respective stakeholder consultation is open until 27 June.

### **Topic point:**

- Update on position paper and advocacy

### **Decisions:**

n\

## **TOP 9. ENTSO-E Resource planning at the Committee level**

The ENTSO-E Head of Section People, Talent & Culture intervenes to present the 5-year resource plan at the Committee level.

**Topic point:**

- Resource planning at the Committee level

**Decisions:**

n\a

**TOP 10. European High-level Forum on Standardization**

The RDIC is updated on the European high-level standardisation group – its objectives, composition, and the expected outcomes. Proposals for engagement with the work were discussed.

**Topic point:**

- Presentation of European high-level standardization group (Approach, Content, Q&A)
- Connections with Net-Zero Industry Act

**Decisions:**

- The RDIC takes note of the input from the European high-level standardization group

**BLOCK 3: WORKING GROUPS**

**TOP 11. WG5 Digital & Communication**

The Convener starts by thanking the work and engagement of the Task Force leaders and the WG members towards the implementation of RDI Roadmap Flagship 6 and presents the defined Task Force deliverables and objectives for 2023/2024.

**Topic point:**

- **Flagship 6:**
  - Update on the WG activities

**Decisions:**

- The RDIC takes note of the WG5 developments

**TOP 12. WG4 Future of Energy Systems**

The WG Convener presents the status of the ongoing topics related to Flagships 1 and 2, notably the coming Electrification of Heavy-Duty Vehicles position paper and the follow up from the Power to Heat study as well as the ongoing interactions with other WG- and Task Force-efforts. In addition, the Convener recognises and thanks the contribution from Members and the team, as a whole.

**Topic point:**

- **Flagships 1&2:**
  - Power-to-Heat webinar
  - Electrification of Heavy-Duty Vehicles
  - Other activities

**Decisions:**

- The RDIC takes note of the progress of the planned dissemination activities of the Power-to-Heat study

- The RDIC takes note of the status of the Electrification of Heavy-Duty Vehicles position paper and the respective next steps

### **TOP 13. WG3 Flexibility and Markets**

The Convener starts by thanking the work and engagement of Secretariat and cross-committee project members on progress so far on Flagship 1 Flexibility Needs Assessment and further reports on the developments and activities surrounding the project.

#### **Topic point:**

##### **Flagships 1&2:**

Flexibility Need Assessment – Status update on

- Project Scope - ENTSO-E's Flexibility Need Assessment
- Key highlights from the EC legislative proposal on market design specifically the role of ENTSO-E on flexibility needs assessment

#### **Decisions:**

- The RDIC takes note of the progress of the ENTSO-E's project development on Flexibility Needs Assessment

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

The Convener appreciates the commitment and work of the task force leaders and members of WG2. And updates RDIC members on the conclusions and outcomes from the 16 May workshop. In addition, he updates on Flagship 4 activities (HVDC reliability) and Flagship 5 (Stability Management workstream and status of the Project modelling and simulations).

#### **Topic point:**

- Conclusions and outcomes from the 16 May WG2 workshop

##### **Flagship 4:**

- HVDC reliability Workstream status and next steps

##### **Flagship 5 (Stability Management WS):**

- Stability Management Workstream status: PID on 'Instability Detection Technologies for System Operators of Power Electronic Dominated Systems'
- Proposed framework for the CL5-2024-D3-01-17 call related to the Advanced software tools to enhance SCADA systems for AC/DC hybrids
- Project Modelling and Simulation tools, status update: Task 4

#### **Decisions:**

- The RDIC acknowledges the progress of activities in WG2
- The RDIC agree on the proposed steps related to Horizon Europe (CL5-2024-D3-01-17) 'Developing and integrating advanced software tools in SCADA systems for high, medium, and low voltage AC/DC hybrid systems'
- The RDIC takes note of the progress of the Project modelling and simulations on Task 4 Interim Report

### **TOP 15. WG1 Assets and Technologies**

The Convener recognises the effort and work of the task force leaders under WG1 and updates RDIC members on the ongoing ECHA consultation on PFAS. Besides, he informs about the work covering Flagship 3 on the CO2 footprint and Flagship 4 on the High-Power cables systems.

#### **Topic point:**

- WG1 recommendation for ongoing ECHA consultation on PFAS

#### **Flagship 3:**

- Status and next steps of the position paper on CO2 footprint in TSO business

#### **Flagship 4:**

- Approval of the Framework for the CL5-2024-D3-01-15 call related to HV cables

#### **Decisions:**

- The RDIC takes note of the WG1 activities on RDI Roadmap 2020-30 Flagship 3, Project Concept 7 Smart asset management for a circular economy, part of the RDI Implementation Report 2021 – 2025
- The RDIC approves the framework developed for Horizon Europe call CL5-2024-D3-01-15 covering ‘HVAC, HVDC and High-Power cable systems’, part of the ongoing Work Programme 2023-2024 and takes note of proposed recommendations including the time dimension needed to cope with scale requested by the energy transition.

### **TOP 16. TF Demonstration and Innovation Coordination**

The TF DIC Convener presents the update status on HE Calls Coordination and Inter-TSO projects. The Convener highlights the submitted projects and those who are in ongoing coordination. The Convener strengthens the importance of collaboration with the WGs for specific topics. The Convener informs the RDIC about the webinar on Horizon Europe future calls for 2025-2027 HE Work Programme that will take place on 21 June. The deadline to submit proposals for Horizon Europe future calls for 2025-2027 is end of June.

#### **Topic point:**

- HE Calls Coordination/Status
- Future calls – deadline
- Inter-TSO projects – Webinar

#### **Decisions:**

- The RDIC takes note of the progress and finalization of the Horizon Europe calls coordinated by TF DIC and Thematic WGs
- The RDIC acknowledges the need for coordination between TF DIC and WGs to propose new fundings to EU for the 2025-2027 HE work programme

### **Top 17. WG RDIP**

The WG Convener presents the agenda of the public webinar on the recently published ENTSO-E RDI Monitoring Report that will take place on 22 June 2023 and invites the RDIC members. The Convener presents the status of the timeline of the ENTSO-E RDI Roadmap 2024-2034, and the work that has been done since the previous RDIC meeting.

#### **Topic point:**

- RDI Monitoring Report – public webinar



- RDI Roadmap update – progress and next steps

**Decisions:**

- The RDIC welcomes the ongoing activities related to the RDI Roadmap 2024-2034, including the ongoing collaboration with the thematic Working Groups

**BLOCK 4: INTER TSO-PROJECTS & DISSEMINATION**

**Top 18. Dissemination & Communication**

The Secretariat presents the main outcomes of the InnoGrid 2023 policy session that took place on 14 June 2023 in Brussels. The event focused on the main topics of Electrification, Digitalisation and Cooperation with high-level representatives from the European Commission and other key stakeholders. Furthermore, the Secretariat provides a list of events and webinars related to the RDIC for the rest of 2023.

**Topic point:**

- InnoGrid 2023
- Plan of RDI events 2023

**Decisions:**

- The RDIC takes note of the summary of InnoGrid 2023
- The RDIC acknowledges the plan of RDI-related events for 2023

**BLOCK 5: AoB & APPROVAL OF DECISIONS**

**TOP 19. Any other business**

An additional point was raised with regard to a planned exchange with Institute of Electrical and Electronics Engineers (IEEE).

**Topic point:**

- n/a

**Decisions:**

- n/a

**TOPIC 20. Approval of the decisions**

**Topic point:**

- Approval of the decisions.

**Decisions:**

- The RDIC approves the decisions and draft minutes of the meeting. The RDIC Vice-Chair declares the meeting closed at 15.00