

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

Date: 3 February 2021  
Time: 08.45 – 15.00 h  
Place: Web-conference

### Participants

#### *Chairman*

	Statnett	Norway
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#### *Vice Chairman*

	Eles	Slovenia
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#### *Members*

1.	Amprion	Germany
2.	Ceps	Czech Republic
3.	Eles	Slovenia
4.	Elering	Estonia
5.	Elia Transmission Belgium	Belgium
6.	Energinet.dk	Denmark
7.	Fingrid	Finland
8.	JSC EMS	Serbia
9.	Litgrid	Lithuania
10.	MEPSO	Republic of North Macedonia
11.	PSE	Poland
12.	REN	Portugal
13.	RTE	France
14.	Statnett	Norway
15.	Svenska Kraftnät	Sweden
16.	Swissgrid	Switzerland
17.	TenneT TSO BV	The Netherlands
18.	TenneT TSO GmbH	Germany
19.	Terna	Italy
20.	Transelectrica	Romania

**Subsittes**

21.	50Hertz Transmission	Germany
22.	AS Augstsprieguma tikls	Latvia
23.	Eles	Slovenia
24.	Mavir	Hungary
25.	National Grid	United Kingdom
26.	OST	Albania
27.	REE	Spain
28.	Terna	Italy
29.	TransnetBW	Germany

**Conveners WGs**

1.	WG Research Development and Innovation Planning (WG RDIP)	Norway
2.	WG 1 Power System Modernisation	Germany
3.	WG 2 Security and System Stability	Germany
4.	WG 3 Power System Flexibility	Belgium
5.	WG 4 Future of energy systems	Italy
6.	WG 5 ICT and Digitalisation of Power System	Czech Republic

**Excused**

1.	APG	Austria
2.	CGES	Montenegro
3.	Eirgrid	Ireland
4.	ESO	Bulgaria
5.	HOPS	Croatia
6.	IPTO	Greece
7.	Landsnet	Iceland
8.	Scottish Hydro Electric Transmission	United Kingdom
9.	SONI	Ireland

**Secretariat**

1.	ENTSO-E	
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**BLOCK 1: RDIC ADMINISTRATION**

**TOP 1. Attendance quorum**

The Chair welcomes all participants to this 55<sup>th</sup> RDIC meeting via teleconference once again due to the particular circumstances related Covid-19 business trip restrictions. The RDIC Chair welcomes new RDIC members and confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

**Decisions:**

- 27 out 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 2021**

The RDIC Chair reviews the draft agenda and asks the RDIC for approval. The Secretariat reviews the RDIC Dashboard activities and highlights the areas at risks. The Secretariat presents the change of ETIP SNET governance and other undergoing changes. The Secretariat also introduces the RDIC budget status for 2021.

### **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 2021 budget status.
- The RDIC takes note of the changes in the governance of ETIP SNET and welcomes the approval of ENTSO-E candidates in ETIP SNET vice chair and Working Groups cochair positions.

## **TOP 3. Management – Status**

The RDIC Chair presents the application received for the RDIC Vice Chair position and asks the RDIC to approve the candidate. The RDIC Chair informs the RDIC about the departure, respective the change in the position of the WG RDIP and WG3 conveners and the opening of these positions in near future.

### **Decisions:**

- The RDIC takes note of the application of Uros Salobir, from Eles, as RDIC Vice Chair who was elected RDIC Vice Chair per interim till 26 June 2020.
- The RDIC unanimously elects Uros Salobir as RDIC Vice Chair for a mandate of 2 years starting from 4 February 2021, in accordance with article 25.3 of the IR and in compliant with the AoA.
- The RDIC takes note of the status of WG RDIP convenership and the departure of the Convenor from Statnett, after the finalization of the RDI Implementation Plan expected to take place in April - May 2021.
- The RDIC thanks the Convenor of WG RDIP for her commitment, the support to the new RDIC Strategy 2.0, the contribution to the RDI Roadmap 2020 -2030 and RDI Implementation Report.
- The RDIC takes note of the status of WG3 Flexibility and Markets convenership and agrees that the current Convenor keeps leading the WG3 and ensure a smooth transition until a replacement is found.

## **TOP 4. Report from Assembly meeting 9 December 2020**

The RDIC Chair debriefs on the topics discussed and outcomes from the Assembly meeting of 9 December 2020. The RDIC Chair reviews the planning of “ENTSO-E Vision 2050” scope and the progress of TEN-E Regulation development.

### **Decisions:**

- The RDIC takes note of discussion points during the Assembly meeting on 9 December 2020 and the new workstreams launched.

## BLOCK 2: RDIC STRATEGICAL TOPICS

### TOP 5. RDI Strategy 2.0

The RDIC Vice Chair and Secretariat present the further progress of the ENTSO-E RDI Strategy 2.0 development and introduce new steps. The RDIC discusses the Governance structure and relation with each Flagship and cross-Committee interactions.

#### Decisions:

- The RDIC takes note of the proposed concept of the ENTSO-E RDI Strategy 2.0.
- The RDIC agrees with the proposed messages in the presentation.

### TOP 6. RDI Implementation Report 2020-2030 (Report status from WG RDIP)

The WG RDIP Convenor presents the RDI Implementation Report 2020-2030 development status and the results of gap analysis per Flagship. The RDIC discusses the gap analysis and potential projects ideas for each flagship to be developed.

#### Decisions:

- The RDIC takes note of WG RDIP progress of work on the RDI Implementation Report 2020-2025.

### TOP 7. Innovation uptake through regulation

The RDIC Chair, Vice Chair and Secretariat present initial results of ACER questionnaire and discuss with the RDIC next steps for reaching a comprehensive and representative TSOs position and to development clear key messages for innovation uptake through regulation.

### TOP 8. RDIC Work Plan 2021

The Secretariat presents the RDIC Work Plan 2021 with detailed overview of all planned deliverables. The RDIC takes note of the RDIC Work Plan 2021 and asks WG Conveners to update the plan and related budget regularly.

#### Decisions:

- The RDIC approves the RDIC Work Plan 2021 and asks WGs to report regularly on implementation and any changes.

## BLOCK 3: WORKING GROUPS

### TOP 9. WG2 Security and system operation of tomorrow

The WG2 Convenor presents the status of “Workstream for the development of multi-vendor HVDC systems and other Power Electronics Interfaced Devices” and Grid Forming Capabilities position paper. The WG2 Convenor also presents the recent submitted InterOpera project proposal as response to Horizon 2020 Green Deal call and major step forward for Flagship 4 implementation.

**Decisions:**

- The RDIC takes note of the ENTSO-E, T&D Europe and WindEurope Interoperability workstream development.
- The RDIC congratulates the WG2 and TSOs for the successful preparation and submission of InterOpera project proposal, which is expected to become a major stream of Flagship 4 implementation.
- The RDIC takes note of the good progress of cross-committee cooperation work with SDC and SOC on the development of ENTSO-E position paper on “Grid Forming Capabilities: Towards System Level Integration” and asks WG2 to prepare the plan of Flagship 4-5 GFC related milestones implementation in cooperation with other committees.

**TOP 10. WG1 Assets and Technologies**

The WG1 Convenor summarizes the major results of the workshop “How to reduce CO2 footprint in a TSO Business”. Exchange will be initiated with already established work groups working on the subject in order to align and identify specific next steps. The WG1 Convenor makes an overview of recent actions and upcoming tasks for “SF6 and A-Gases” TF – a meeting with EC DG CLIMA and invites the members to respond to a survey launched on SF6 emissions and application of A-Gases. The WG1 Convenor invites the RDIC to delegate additional members to WG1 with focus on the development of Flagship 3. The WG1 Convenor presents the status of joined WG1, WG3 and WG5 work on "ENTSO-E Technology Factsheets" report.

**Decisions:**

- The RDIC acknowledges the development of the "ENTSO-E Technology Factsheets" report and asks WG1 to initiate a written voting procedure once it is finalized.

**TOP 11. WG4 Future of energy system**

The WG4 Convenor presents the timeline and development status of the ENTSO-E Position Paper “Electric Vehicles integration into power grids”. The WG4 Convenor reviews the scope, main findings and the key messages of the paper. The RDIC discusses the main messages of the position paper by emphasizing the need to strengthen the angle of user/consumer, flexibility provisions and to highlight the importance of data accessibility. The WG4 Convenor also introduces the opportunities of the 2Zero partnership regarding the Flagship 1 implementation.

**Decisions:**

- The RDIC takes note of the presentation of the ENTSO-E Position Paper “Electric Vehicles integration into power grids”.

**Top 12. WG3 Flexibility and Markets**

The WG3 Convenor provides an update on ENTSO-E Position Paper on Flexibility needs assessment, review of TSOs practices in assessing flexibility needs. The WG3 convenors provides an update of relevant StG T&DI workstreams: assessment of flexibility solutions in system planning; mapping of commercial DER platforms. The WG3 Convenor also presents the latest development in H2020 OneNet project and discuss the relation between OneNet Demo cluster and general work packages.

**Decisions:**

- The RDIC takes note of WG3 progress on its current activities.

### **Top 13. WG5 Digital & Communication**

The WG5 Convenor presents the development and findings of “WAMS state of play & future of data exchange” report. The RDIC discusses with the WG5 Convenor on the further developments of this report and Flagship 6.

#### **Decisions:**

- The RDIC takes note of the short presentation of the “WAMS state of play & future of data exchange” report.

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

### **Top 14. Dissemination & Communication**

The Secretariat presents the RDIC communication plan for 2021 and the date of InnoGrid 2021. The Secretariat notes the re-start of Innovation Fridays and encourages the RDIC Members to propose topics and projects to be presented during these webinars. The RDIC Chair encourages WG Conveners and RDIC members to provide further plans of the other planned workshops, webinars or events.

#### **Decisions:**

- The RDIC acknowledges the plan of communication activities for 2021.

### **TOP 15. TSOs initiative on EU Projects**

The RDIC Chair asks the RDIC members to share and discuss upcoming TSOs initiative on EU projects.

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

### **TOP 16. Any other business**

The Secretariat informs about the revision process of the ETIP SNET Implementation plan 2021 – 2024 and planned workshop on ENTSO-E Vision 2050. The RDIC Chair highlights the value of cross-committee cooperation and encourages WG Conveners to support the workshop.

### **TOPIC 17. Approval of the decisions**

#### **Decision:**

- The RDIC approved the decisions and draft minutes of the meeting.