

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

Date: 3 February 2022  
Time: 08:50 – 15:30h  
Place: Web-conference

## Participants

### *Chairman*

	Statnett	Norway
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### *Vice Chairman*

	Eles	Slovenia
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### *Members*

1.	50Hertz Transmission	Germany
2.	Amprion	Germany
3.	APG	Austria
4.	AS Augstsprieguma tikls	Latvia
5.	Ceps	Czech Republic
6.	Eirgrid	Ireland
7.	Elering	Estonia
8.	Eles	Slovenia
9.	Elia Transmission Belgium	Belgium
10.	EMS	Serbia
11.	Energinet	Denmark
12.	Fingrid	Finland
13.	IPTO	Greece
14.	Litgrid	Lithuania
15.	MEPSO	Republic of North Macedonia
16.	REE	Spain
17.	RTE	France
18.	SONI	Ireland
19.	Statnett	Norway
20.	Svenska Kraftnät	Sweden
21.	Swissgrid	Switzerland
22.	TenneT TSO BV	The Netherlands
23.	TenneT TSO GmbH	Germany
24.	Terna	Italy
25.	Transelectrica	Romania

***Substitutes***

26.	Mavir	Hungary
27.	PSE	Poland
28.	REN	Portugal
29.	RTE	France
30.	TenneT TSO BV	The Netherlands
31.	Terna	Italy

***Conveners WGs***

1.	WG Research Development and Innovation Planning (WG RDIP)	Portugal
2.	WG 1 Assets and Technologies	Germany
3.	WG 2 Security and Operations of tomorrow	Germany
4.	WG 3 Flexibility and Markets	Finland
5.	WG 4 Future of energy systems	Italy
6.	WG 5 Digital and Communication	Czech Republic
7.	TF Demonstration and Innovation Coordination (DIC)	France

***Excused***

1.	CGES	Montenegro
2.	HOPS	Croatia
3.	OST	Albania
4.	TransnetBW	Germany

***Secretariat***

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

**TOP 1. Attendance quorum**

The Chair welcomes all participants to this 60<sup>th</sup> RDIC meeting via teleconference put in place once again due to the particular circumstances related to Covid-19. The Chair confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

**Decisions proposal:**

- 28 of 32 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 2022**

The RDIC Chair reviews the draft agenda and asks for approval. The Secretariat reviews the RDIC Dashboard activities and highlights the work plan topics for 2022 and areas at risk. The Secretariat also introduces the RDIC budget plan and status for 2022.

### **Decisions proposal:**

- 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 2022 budget status.

## **TOP 3. Governance RDIC**

The Chair presents the applications and initiates the election procedure of the convenorship for the WG4 and WG5. The new and re-elected convenors introduced themselves. The Chair prolongs the calls for convenorship for WG1 and WG2. The call for the two positions remains open.

### **Decisions proposal:**

- The RDIC elects the Convenors of WG4 and WG5 who will assume the function for a two-years mandate.
- The RDIC updates the members on the call for Convenorship for WG1 and WG2. The call for the two positions remains open.

## **BLOCK 2: STRATEGY TOPICS**

## **TOP 4. Implementing RDI Roadmap Strategy**

The Secretariat present the progress made on the Innovation Uptake Through Regulation and the Acceleration Mission papers. The RDIC members discuss and make improvement suggestions for both papers. The Chair invites RDIC Members to provide final remarks before indicated deadlines and asks Secretariat to start the written approval process afterwards. The Secretariat announce and asks RDIC members to actively participate in the joint RDIC & SDC workshop with focused on flexibility, sector coupling (flexibility from hydrogen and power-to-heat) and stability management.

### **Decisions proposal:**

- The RDIC takes note on the Innovation Uptake Through Regulation and Acceleration Mission development progress.

## **TOP 5. TF Demonstration and Innovation Coordination**

The Convenor of TF DIC presents the work and budget plan 2022. The Convenor present the scope of planned report on European Multilateral Funding Programmes and describes the planned work toward coordination of TSOs with Horizon Europe. The Convener requests Thematic WGs and RDIC members to actively support TF in the implementation of the TF work plan.

### **Decisions proposal:**

- The RDIC takes note of the TF Demonstration and Innovation Coordination work and budget plan 2022.
- The RDIC approves the Request for Quotation for the Report on European Multilateral Funding Programmes and requests TF DIC to proceed with procurement and contracting of consultant work.

## **TOP 6. Implementing RDI Roadmap**

The Secretariat updates the Committee members about the TSO participation in Horizon Europe Calls, which were due until 5<sup>th</sup> January 2022, while presenting the TSO engagement in the upcoming calls due in 2022. The Chair congratulates TSOs for successful evaluation of READY4DC, IntNET, ENERSHARE and FLOW project proposals and asks TSOs to support these projects' implementation actively. The Committee members request TSOs of winning project proposals to present project progress during ENTSO-E/RDIC Innovation Fridays. The Secretariat concludes with the Committee members on the next steps.

### **Decisions proposal:**

- The RDIC congratulates successful TSOs' participation in Horizon Europe calls in 2021.
- The RDIC takes note of the TSOs' interest in the upcoming Horizon Europe calls which are due in 2022.

## **TOP 7. Vision 2050 Project**

The Secretariat presents the progress of Vision 2050 project and the main outcomes of the recent cross-committee and Board webinars. The Convener of WG4 presents and discuss with RDIC the development of Game Changers chapter. The Secretariat presents next steps of the project, including planned approvals by end of Q2. The RDIC Chair and members welcome the work and look forward to further developments.

### **Decisions proposal:**

- The RDIC takes note of the positive outcome of the Cross-Committee /Board Webinar son the ENTSO-E 2050 Vision and of the latest development of the Game Changers workstream.

## **TOP 8. New cooperation with Digital Committee**

The Chair and representatives of Digital committee present the Terms of Reference of the new Committee on ITC and its workplan. The RDIC Members shared their view on the potential cooperation on the relevant ICT subjects.

### **Decisions proposal:**

- The RDIC endorses the set-up of a new ENTSO-E Committee to manage and oversee the ICT-domain of the Association based on the scope laid down in its Terms of Reference.

## **BLOCK 3: WORKING GROUPS**

## **TOP 9. WG5 Digital & Communication**

The Convener of WG5 reminds RDIC members of the ongoing questionnaire on vendor-independent solutions for control centres and emphasises the need for all TSOs to participate. The deadline was extended from 4<sup>th</sup> February to 18<sup>th</sup> February 2022. This deadline extension will ensure the participation of all the interested TSO community stakeholders.

### **Decisions proposal:**

- The RDIC takes note of the WG5 developments.

## **TOP 10. WG3 Flexibility and Markets**

The Convener of WG3 presents the mapping of ENTSO-E flexibility related initiatives, work plan 2022 and outline for potential new workstream focused on value and need for flexibility. The Secretariat presents

updates on Flexibility from Hydrogen study including key messages from deliverable 2 and 3. The Secretariat concludes by presenting the next steps including joint approval by RDIC-MC through cross-committee voting procedure towards end of February and seek for a subsequent decision by the Board in April. The RDIC Chair and members approve key messages from deliverable 2 and 3.

**Decisions proposal:**

- The RDIC takes note of the WG3 developments.
- The RDIC approves the main messages coming from deliverables 2 and 3 and overall messages of Flexibility from Hydrogen Study and the steps towards the approval of the Board.

**TOP 11. WG2 Security and system operation of tomorrow**

The Convenor of WG2 presents the latest developments on the workstream of stability management in power electronics dominated systems. This covers relevant timelines on the ongoing cross-Committee coordination, involvement of PCG and alignment with Vision 2050. The workstream is planned for submission on 28<sup>th</sup> April Board meeting according to Board request during its meeting on 18<sup>th</sup> November for presenting a high-level paper on the subject. Lastly, the comments received from SDC and SOC groups to the PID on modelling and simulation tools are highlighted.

**Decisions proposal**

- The RDIC takes note of the WG2 Flagship 4 and 5 activities.

**Top 12. WG1 Assets and Technologies**

The Convenor of WG1 updates RDIC members on the progress achieved by task forces underneath it. The Task Force (TF) HV cables leader informs about the current cooperation with Europacable and the next steps foreseen. This cooperation goes hand-in-hand with the prioritising from ECHA to include the Lead (Pb) under the Authorisation Process, as prescribed by (EC) No 1907/2006 REACH Regulation for restricting, limiting and/or banning its usage. WG1 and SDC relevant groups will prepare a response and submit it to the recently opened 3-months consultation by ECHA/EC, which will end on 2<sup>nd</sup> May 2022. Lastly, TF HV cables is preparing an internal-TSO workshop on 30<sup>th</sup> March 2022, covering Real-Time Thermal Rating and Components Standardisation in HVDC cables. All members are invited to share information on TSO's internal initiatives covering these two topics. In addition, the outcomes of the 25<sup>th</sup> January workshop on alternative to SF6 usage in HV and EHV equipment is provided.

**Decisions proposal:**

- The RDIC takes note of the progress of the ongoing and future activities under WG1.
- The RDIC acknowledges the ongoing Authorisation Process in accordance with REACH Reg. towards the internal lead sheathing in power cables.
- The RDIC encourages WG1 to continue cooperating with authorities (i.e., EC, ECHA) in regard to the dissemination of the 'ENTSO-E position paper on the use of internal lead sheathing in power cables.
- The RDIC approves the preparation of the Socio-Economic Analysis as a response to the ongoing consultation by ECHA on the Lead (Pb).

**TOP 13. WG Research, Development & Innovation Planning**

The Convenor of WG RDIP presents the work and budget plan 2022. The WG RDIP Convenor presents the progress of the development of the ENTSO-E RDI Monitoring Report 2022 and the timeline to deliver the document.

**Decisions proposal:**

- The RDIC takes note of final steps of the RDI Implementation Plan 2021-2025 in terms of publication and submission to ACER.
- The RDIC acknowledges the initiation of the new workstream on the RDI Monitoring Report 2022.

**TOP 14. WG4 Future of energy system**

The WG4 Convenor updates the Committee members on the progress of the ‘Power to Heat Integration’ workstream presenting the key messages of the draft Position Paper. Moreover, he presents the planned next steps and timeline for submitting the Position Paper for Board approval during in the second quarter of 2022. Finally, the Convenor updates the Committee members on the synergies between WG4 and SDC Task Force on Sector Coupling.

**Decisions proposal:**

- The RDIC takes note of the progress of the position paper on Power to Heat, approves the key messages and the planned next steps towards its approval by the Board and publication of the paper.
- The RDIC takes note of new proposals for 2022 activities.

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

**Top 15. Dissemination & Communication**

The Secretariat presents the upcoming communication activities related to the RDI activities of ENTSO-E, including the InnoGrid 2022 and Innovation Fridays webinars. The Secretariat discusses with RDIC Members the outlines and structure of InnoGrid 2022.

**Decisions proposal:**

- The RDIC welcomes the organisation of the annual event InnoGrid with E.DSO late May/June 2022 and the other communication opportunities to promote RDI activities – such as the upcoming Innovation Fridays.

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

**TOP 16. Any other business**

The Secretariat presents the timeline of the ENTSO-E Annual Work Programme 2023 alongside with the legally mandated tasks related to RDIC which are to be included in the AWP. The Secretariat introduce the nomination of a new RDIC member to represent ENTSO-E in the ETIP SNET Governing Board, filling up the fourth available seat for ENTSO-E. The Secretariat thanks RDIC members for their participation in the mock-up voting sessions of ENTSO-E Governance and Voting Tool.

**Decision proposal:**

- The RDIC takes note and agrees with the actions proposed under AOB point of the agenda.

**TOPIC 17. Approval of the decisions**

**Decision proposal:**

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