

81<sup>st</sup> System Development Committee Meeting

Date: 1 June 2021

Time: 09.00 – 17.00h

Place: Web-conference:

## Participants

**Chairman**

	RTE	France
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**Vice Chairman**

	Amprion	Germany
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**Members**

1.	50Hertz Transmission	Germany
2.	Amprion	Germany
3.	AS Augstsprieguma tīkls	Latvia
4.	Ceps	Czech Republic
5.	Creos Luxembourg	Luxembourg
6.	Eirgrid	Ireland
7.	Elering	Estonia
8.	Eles	Slovenia
9.	Elia System Operator	Belgium
10.	Energinet	Denmark
11.	ESO-EAD	Bulgaria
12.	Fingrid	Finland
13.	HOPS	Croatia
14.	Mavir	Hungary
15.	RTE	France
16.	SONI	United Kingdom
17.	Statnett	Norway
18.	Svenska Kraftnät	Sweden
19.	Swissgrid	Switzerland
20.	TenneT TSO BV	Netherlands
21.	TenneT TSO GmbH	Germany
22.	TransnetBW	Germany

**Substitutes**

23.	EMS	Serbia
24.	<i>Energinet</i>	<i>Denmark</i>
25.	<i>Fingrid</i>	<i>Finland</i>
26.	Litgrid	Lithuania
27.	IPTO	Greece

**Substitutes**

28.	MEPSO	Republic of North Macedonia
29.	OST-Operatori i Sistemit te Transmetimit	Albania
30.	PSE	Poland
31.	REE	Spain
32.	REN	Portugal
33.	RTE	France
34.	Seps	Slovakia
35.	TenneT TSO BV	Netherlands
36.	Terna	Italy

**Conveners RGs**

1.	RG North Sea	Netherlands
2.	RG Baltic Sea	Germany
3.	RG Continental South East	Serbia
4.	RG Continental South West	France
5.	RG Continental Central South	Italy
6.	RG Continental Central East	Czech Republic

**Conveners WGs and SGs**

1.	WG System Design Strategy	Germany
2.	WG Scenario Building	France
3.	SG Scenario Building	Netherlands
4.	StG Connection Network Codes	Germany
5.	Offshore Development Core Group (ODCG)	Denmark
6.	TF CBA	Germany
7.	StG CNC-Convener of Code Assessment Team	Belgium

**Excused**

1.	APG	Austria
2.	CGES	Montenegro
3.	Landsnet	Iceland
4.	National Grid ESO	United Kingdom
5.	NOS BiH	Bosnia&Herzegovina
6.	Scottish Hydro Electric Transmission	United Kingdom
7.	Transmission System Operator-Cyprus	Cyprus
8.	Transelectrica	Romania
9.	VUEN	Austria

**Secretariat**

1.	ENTSO-E	
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## 1. Attendance, quorum and approval of draft Agenda

The SDC Chair welcomes all participants to the 81<sup>st</sup> SDC meeting. The SDC Chair confirms that participants can formally cast their vote via teleconference on decisions proposed during the meeting.

The SDC Chair welcomes the new Head of Section of the ENTSO-E System Development, Edwin Haesen.

The SDC Chair informs the Committee that Bernd Klöckl (TenneT TSO GmbH) will not continue as member of the SDC, and he expresses the thankfulness of the Committee for his contribution in past years as SDC Vice-Chair and member.

On the occasion of the end of the mandate of the current SDC Chair on 30/6/21, the SDC Vice-Chair presents to the SDC Chair a fond farewell for his commitment and leadership over the last years to the Committee and TYNDP management.

### Take note

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| ➤ Since 32/41 of the TSOs represented in the System Development Committee are attending, the Chairman states that the Committee meeting reaches the necessary quorum of half its members |
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## 2. SDC Project Dashboard 2021

The TYNDP and Scenarios 2022 delivery are at risk of delay due to resource scarcity. A plan is proposed for both projects. Further details to be addressed at relevant sections of the meeting.

The delivery timeline for the approval of CBA 3.0 might be further delayed by the European Commission.

Several active Members are leaving the Data and Model activities. Situation to be monitored to avoid further resource tensions.

## 3. Resources planning for TYNDP Teams

### 3.1. Outcome of meeting 11 May 2021 and next steps

The proposed approach will be put for written approval of the SDC once initial budgetary elements are clarified. The budget itself is for information to the SDC and approved by the Board. This agenda time today is to capture initial SDC member views before presenting the approach to the Board.

Most members support the main idea as a means to overcome persisting resource issues for TYNDP and its specific context. Some members note risks or points of attention, in particular the risk of side effects on other ENTSO-E products and risks related to the work culture change of ENTSO-E (voluntary is the rule). It is important to maintain a fairness of the scheme between TSOs. The starting remains that the TYNDP has specific characteristics and in an ideal setting where every member contributes proportionally the budgetary impact would be neutral.

The SDC raises the request for an update of the current contributions of TSOs to the SDC is requested to the Secretariat.

## Decisions

Take note
<ul style="list-style-type: none"> <li>➤ The SDC takes note of the analysis and approves its direction.</li> </ul>

### 4. SDC Vice-Chair and Convenor of WG SDS position

#### 4.1. Role and Call for Candidates

The current SDC Vice-Chairperson is elected as the new SDC Chairperson on 31 March 2021 by the Assembly and will assume this position from 1 July 2021. It is necessary to elect an interim SDC Vice-Chairperson for the remaining term of office of the resigning SDC Vice-Chairperson, i.e. from 1 July until 23 January 2022.

The SDC Chair presents the new responsibilities that will be entrusted to the new SDC Vice-Chair, as well as the strategic and operational issues that will need to be covered by the SDC Chair and Vice-Chair in order to support the smooth running of the SDC management. The new definition of roles would require that a call for the fulfilment of the convenorship of the WG SDS is launched, as well as an interim solution for the Programme Management leadership.

## Decision

Approval	Purpose/notes
<ul style="list-style-type: none"> <li>➤ The SDC approves the separation of the role of the SDC Vice-Chair and the role of the Convenor of WG SDS from 1 July 2021.</li> <li>➤ The SDC approves that the acting SDC Vice-Chair officially takes office after the election of September 2021 meeting until 23 January 2022.</li> <li>➤ The SDC agrees that the acting SDC Vice-Chair will take over the role of SDC Programme Manager.</li> <li>➤ The SDC agrees that the outgoing SDC Chair will take over the role of SDC Programme Manager until the election of the interim SDC Vice-Chair in September meeting.</li> </ul>	
Take note	
<ul style="list-style-type: none"> <li>➤ The SDC takes note of the updates of the SDC Vice-Chairperson's and WG SDS Convenor's role and the separation of each role.</li> <li>➤ The SDC takes note of the timeline for the election of the interim SDC Vice-Chairperson's.</li> <li>➤ The SDC takes note of the timeline for the election of the Convenor of the WG SDS</li> </ul>	

### 5. WG Data & Models

#### 5.1. Convenorship of TF PEMMDB

TF PEMMDB plays a crucial role in developing the templates and supporting the overall data provision cycle (collection, management, quality control) to study teams. Allowing the position to remain unfilled can endanger the necessary developments of PEMMDB to support the evolving nature of the studies under SDC's remit. Given resource limitations and turnover at ENTSO-E, the secretariat is not be able to take this role.

## Decision

Take note
<ul style="list-style-type: none"> <li>➤ The SDC takes note that the TF PEMMDB Convener position will be vacant from July 2021 – allowing the position to remain unfilled can endanger the necessary developments of PEMMDB to support the evolving nature of the studies under SDC’s remit</li> </ul>

### 5.2. TF Common Data (re-issue the Call)

A call for convener and members has been issued by WG Data & Models and two members have been appointed. For the proper functioning of the TF a Convener must be appointed. Due to resource constraints ENTSO-E’s secretariat cannot take the convenorship role at least until Q4 A gap in convenorship would delay the review of the standard data, which then would likely become available only for data collections in 2022 and studies performed in 2023.

Members indicate WG D&M could pursue a project approach utilizing consultant/external resources to deliver this work instead of stretching TSO’s own resources.

## Decision

Take note
<ul style="list-style-type: none"> <li>➤ The SDC takes note ENTSO-E secretariat cannot take the Convenorship role at this time, and in case the position remains unfilled, the work will have to be postponed with results possibly available only for data collections to be run in 2022.</li> </ul>

## 6. StG CNC

### 6.1. CNC amendment proposals

Over the last months, the dedicated team from the StG CNC – Code Assessment Team (CAT) – has finalized the first set of the high and medium priority amendment proposals.

The drafting of the amendment proposals involved several expertis and a strong collaboration within the different expert teams of the StG CNC but also with various cross committee relevant groups from SOC, RDIC and LRG. Part of the amendments reflect the work of ENTSO-E with stakeholders either within dedicated Expert Groups or through the Grid Connection European Stakeholder Committee (GC ESC).

The amendment proposals have been submitted to national experts and SDC members for a month’s review. Upon this review, CAT will assess the comments and update the proposals where necessary with a view to submit them for approval in September’s SDC meeting.

For the set of amendment proposals related to grid forming, the StG suggest forming a Task Force with cross committee expertise and address the strategic implementation of those requirements. Especially regarding grid forming capabilities an assessment of pros and cons is needed regarding mandatory vs non-mandatory implementation, alternative options, and impact of early vs late implementation.

For the System Operations relevant topics, interaction with experts from SOC has been engaged to exchange feedback on the single proposals. Some CNC team members are also active in SOC groups (such as RG CE SPD).

**Decision**

Approval	Purpose/notes
<ul style="list-style-type: none"> <li>➤ The SDC approves the setup of a cross-committee Task Force to investigate the strategic aspects of introducing Grid Forming capabilities as mandatory or non-mandatory connection requirements in alignment with the mandate given to StG CNC by the Assembly decision of 20 April 2021.</li> <li>➤ The SDC asks StG CNC to take the necessary steps to form this Task Force as soon as possible and report back to SDC when necessary.</li> </ul>	<ul style="list-style-type: none"> <li>➤ The need of introducing grid forming requirements has been highlighted in recent publications of a stakeholder expert group as well as an ENTSO-E position paper. There is still a debate regarding the nature of the requirements as well as the right timing considering the technology readiness. The Task Force, will aim at providing the right guidance to StG CNC, benefiting from the input of various cross committee expertise.</li> </ul>
<b>Take note</b>	
<ul style="list-style-type: none"> <li>➤ The SDC takes note of the fact that all the necessary documents have been submitted to NCLPs too, who have been asked to liaise with their respective SDC members for any comments.</li> <li>➤ The SDC takes note of the next steps of the CNC amendments work.</li> </ul>	

6.2. StG CNC 5<sup>th</sup> membership updates/Call for new member

An appointed CNC member resigned from the StG. As the nomination was from SDC and also the importance to maintain the level of resources and expertise is high, the StG CNC suggests launching a call for nominees to substitute the expert and also staff the still vacant position.

In addition, the StG CNC has received the resignation from the Convener of the Code Assessment Team (CAT). A possible replacement is currently being handled internally in the StG. However, due to the important portfolio of activities and the challenging timeline of the amendments work, the SDC members are requested to consider possible nominations for this crucial role.

The SDC Chair confirms the critical nature of the work undergoing in the Code Assessment Team and the importance to nominate a new Convener for the Code Assessment Team.

**Decision**

<b>Take note</b>
<ul style="list-style-type: none"> <li>➤ The SDC takes note of the resignation of the CAT Convenor. Remaining unfilled can endanger the necessary amendments work</li> </ul>

6.3. CNC Monitoring - ACER data request status

ENTSO-E submits this year the requested implementation monitoring data to ACER for the second time. StG CNC and its dedicated team Implementation Monitoring Team (IMT) organized from the beginning of 2021 effectively the data collection process from the NCLPs. A guidance document was prepared to better clarify the data request to the TSOs but also the DSOs. The request for the data collection was sent in mid-February with a deadline 30 April 2021.

Apart from one case where efforts are still ongoing, all TSOs succeeded to collect and send the data to ENTSO-E by the deadline, easing the work of aggregation and on time delivery to ACER.

## 7. WG SDS

### 7.1. Outcomes of the call between ENTSO-E and EC on Offshore Development in the revised TEN-E, 17 May

As agreed during the SDC Strategy Seminar of 13 and 14 March 2021, ENTSO-E and the European Commission participated to a call aiming to clarify the Commission's view on the Offshore Development as depicted in the revision proposal for the TEN-E Regulation.

During the call the Commission expanded the information provided during the SDC Strategy Seminar on the topics of the Integrated Offshore Network Development Plan (Article 14), the cost sharing and cost benefit methodologies (Article 15 and 16).

### 7.2. TEN-E regulation activities, TENACT

The work on the finalization of the revised TEN-E regulation is ongoing in the EP. Debates in the EP are ongoing both in the ITRE committee and in the other EP Committees which are also drafting their opinions on the TEN-E, the Environment (ENVI), Regional Development (REGI) and Transport (TRAN) Committees, and are expected to adopt their opinions already by end June. The ITRE Committee, as the EP lead on the TEN-E, is expected to adopt its final position in mid-July, which will be followed by a vote on the report in the Plenary in September. Some ENTSO-E's proposals found support in the draft report of the rapporteur of the ITRE committee. Proposals on a different setting for the TYNDP governance are still being advocated by some MEPs.

Once the European Parliament and the Council have adopted their own positions on the TEN-E by early fall, trilateral negotiations (trialogues), including also the EC, can be expected to start to find an agreement between the three Institutions on the final text of the revised Regulation.

The SDC Chair emphasizes the neutral role of ENTSO-E in the wider energy system and the advocacy activities should keep this at the center of the efforts. He also stresses that the debate about the governance of the TYNDP within the new TEN-E is an opportunity for further scrutiny and transparency on the process while it also presents a risk in that authority is diluted to parties with little accountability on the safe functioning of the energy system.

### 7.3. Outcome of the 35<sup>th</sup> Madrid Infrastructure Forum

ENTSO-E participated to the 35<sup>th</sup> Madrid Infrastructure Forum, held on the 29-30 April 2021. ENTSO-E delegation (composed by the SDC Vice Chair and the Convener of the Steering Group Scenario Building). ENTSO-E presented content related to the topics of

- Integrated infrastructure planning
- Certification and guarantees of origin for gases.

### 7.4. ENTSO-E answer to EC Consultation on Gas Networks.

The Gas Regulation and Gas Directive has an indirect impact on the Electrical TSOs' business and the consultation on the revision proposal is on topics with some ENTSO-E relevance, therefore participation on a limited number of the EC consultation is recommended based on already established positions.

## 8. TYNDP 2020

### 8.1. Update on the 5<sup>th</sup> PCI list process

Meetings of the electricity PCI regional groups took place on 26 and 27 April and the discussion focused on individual candidate projects, assessing their relevance to Europe's energy priorities, their state of play and date of commissioning.

In April, the European Commission shared the draft methodology with PCI regional groups for comments and comments have been received by Member States, national TSOs, Promoters and NRAs (a total of 20 entities delivered their feedback). These comments are being assessed in the framework of the Cooperation Platform, during its 18th meeting held on the 18 May 2021, by ENTSO-E, ACER and the European Commission, defining the impact on the draft methodology. The European Commission will update the draft methodology based on the discussion held and will send the draft back to ENTSO-E and the regional groups no later than one week before the next the Regional Groups meetings.

The next PCI regional groups meeting is delayed to late June 2021.

As for the previous PCI processes, ENTSO-E has been technically supporting the Commission for the Preliminary Economic Assessment for each PCI candidate project.

The European Commission with their letter dated 03/05/2021 requested ENTSO-E "to provide the Commission, for each of the projects which have to comply with the Annex IV(1) criterion, with the coherent and consistent calculation of ENTSO-E of the transfer capacity increase between one or several other EU Member States." This was referred to the "projects on the PCI list which do not directly cross the border between two Member States". One interpretation is to base this eligibility criteria on the NTC computation (heavy in terms of computation at this stage of the process and the methodology for its computation is not fit for the eligibility criterion purpose as described in the Regulation). Our proposal will be instead in line with what was proposed for addressing the projects directly affected by Brexit. The results will be presented in a neutral manner explaining the physics that would qualify a cross-border impact consistent with the TEN-E requirement leaving to the discretion of the PCI Regional Groups and project promoters the assessment of the significance of such impact.

The results together with official response were sent to European Commission on 27 May 2021.

The EC proposed methodology to rank projects is expected to be approved in the very last week of June by the PCI Regional Groups.

### 8.2. ACER opinion on TYNDP 2020

On 3 May ACER adopted the opinion No 03/2021 on the methodological aspects of the draft TYNDP 2020 and the opinion No 04/2021 on the electricity projects in the draft TYNDP 2020. In their opinion No 03/2021, ACER found the draft TYNDP 2020 assessments and the projects included in it generally contribute to the objectives of non-discrimination, effective competition, and secure functioning of the internal electricity market referred to in Article 32(2) of Regulation No 2019/943. However, the Agency considered that the draft TYNDP 2020 did not sufficiently contribute to the efficient functioning of the market and used this legal tool to advocate its own position in the TEN-E governance review debate.

A brief summary of the ACER comments is given together with the next steps adopted by the TYNDP Steering Groups considering the opinions from ACER. Constructive collaboration with ACER continues to update specific relevant points in the TYNDP (factual errors only).



## 9. TYNDP 2022

### 9.1. Update of TYNDP2022 Roadmap and Progress report

A presentation on the update of the TYNDP 2022 roadmap is given with special focus on the expected starting and finalisation dates for the CBA phase of the TYNDP 2022. Additionally, it is mentioned the current status of resources, and the next steps adopted by the TYNDP 2022 Steering Group. Finally, a report on the progress of the TYNDP 2022 is given to SDC members.

An internal workshop for SDC Members is organised on 11 June in order to determine an order of prioritisation of scenarios used in the CBA in case a reduction of scope would be necessary later on.

Members insist on the necessity to provide clear information on review periods upfront so that they can plan ahead.

<b>Decision</b>	
<b>Approval</b>	<b>Purpose/notes</b>
➤ The SDC approves the updated TYNDP 2022 roadmap.	➤ n/a
<b>Take note</b>	
➤ The SDC takes note that there is a high risk of the final TYNDP not to be issued by end of 2022	

### 9.2. 3<sup>rd</sup> CBA Implementation Guidelines: outcome of public workshop on 12 May 2021

On the 12 May 2021 a public event took place, aimed at presenting, and discussing with the Stakeholders the principles based on which the TYNDP 2022 Cost-Benefit Analysis Implementation Guidelines are being developed. The presentation focused on the on the main topics for improvement within the TYNDP 2022 CBA Implementation Guidelines which are the following:

- Inclusion of the Interlinked Model (ILM)
- development of a methodology for the assessment of “Hybrid Projects”
- Project Level Indicators (PLI)

The good participation to the workshop (more than 60 people joined) was reflected by the discussion and the inputs delivered to the team, which confirmed the approach on the possible improvements (i.e. evaluation of the environmental impact/cost, inclusion of new technologies etc.)

The TYNDP2022 Implementation Guidelines can be an occasion allowing the inclusion of more details to assess projects connecting islands of generation to the grid (both on- and offshore).

## 10. Scenario Building

### 10.1. Process: status update with reviewed timeline and no-go dates for data update.

Thanks to the joint effort of TYNDP Study Team and Scenario Building Working Group an updated timeline has been defined preserving most of the ambition of the initial Scenario Building PID (sector coupling, 2050 time horizon and top-down scenario reruns based on the public consultation of draft scenarios) at a cost of 2-month delay in draft and final scenario report delivery. This timeline heavily relies on the use of multi-

temporal investment functionality of Plexos and BID3 as it enables a strong streamlining of the modelling process. Due to the early start of TYNDP process on National Trend scenario, it will no longer be possible to update the input dataset as it was anticipated in the PID. The overall process remains at risk mostly due to a significant lack of modelling resources. The ENTSOE ambition on multi sectorial activities will need a much higher commitment of TSOs to provide modelling experts including multi-energy modelling and investment loop experts.

Some additional no-go date for data update of top-down scenarios have been defined in order to secure the re-run process based on the public consultation:

- PECD 3 (warmer climate) for demand profile: July 1<sup>st</sup>
- 2025 starting grid for the investment loop: July 1<sup>st</sup>
- NTC investment candidates: August 1<sup>st</sup>

The new planning is as also consistent with the subsequent steps for the TYNDP for gas under ENTSOE.

## 11. Resource Adequacy

### 11.1. ERAA 2021 status update and interactions with ACER

The ERAA 2021 is a first implementation step of a new methodology and has an ambitious timeline. As the data review took more time than expected, the project is currently facing a delay of approximately one month. The Steering Group has taken modelling simplification decisions to avoid spreading of the delay, with target to publish the report by mid-November. Dedicated subgroups have been working on the two main innovative elements of ERAA 2021, i.e. Flow-Based implementation and Economic Viability Assessment, which are entering the simulation phase.

ACER and ENTSOE-E launched on 10 May the kick-off of NRA/TSO Forum on ERAA. DG ENER was also represented. It was agreed that this forum is not a decision body but a place for information exchanges and would be organized 3 to 4 times per year.

## 12. Seasonal Outlook

### 12.1. General implementation status -shift from PID to ToR

In the recent Seasonal assessments, the team has been facing resource bottlenecks during each simulation phase. The methodology is now considered operational (with Flow Based to be implemented in coming seasons, building on ERAA expertise) and the team structure is going toward permanent process. For this process Term of Reference (ToR) will be prepared by Sep 2021. The resource needs, especially modellers, will be addressed in this ToR.

## 13. Offshore Development

### 13.1 Status update of ODCG topics

The main areas of activity for the ODCG (together with the development of Position Paper 4 and 5) are the following

- Umbrella paper: to be published after position paper 4, together with a re-organization of the ENTSOE-E webpage grouping all the Offshore papers in the same sub-page.
- TYNDP Innovation track study
- External engagement and activities of member TSOs

### 13.2. Status update on Offshore Position Papers

Position Paper 4 is approved by the SDC, SOC and MC. After the approval from the Board and the Assembly it will be published in July 2021.

The key messages of Position Paper 5 have been approved by the three committees (SDC, SOC and MC) and have been sent to the Board for acknowledgement. The drafting phase has been kicked off and its finalization is foreseen in Q3 2021.

### 13.3. Feedback from mini-retreat on the Optimal System Planning activity, 31 May 2021

This mini-retreat is expected to give a first insight on the objectives of the optimal system planning study, in order to collect feedback from the SDC. Specifically, the discussion will focus on the targets of the study on optimal system planning:

- Clarify the role of the multi-sector assets (i.e. electrolysers ) in the IoSN analysis.
- Clarify at which step of the planning process should the multi-sector assets be considered (during the Scenario Building or the IoSN analysis)
- Understand the need in terms of data allowing to define the capacities of the multi sector assets.
- Define the sensitivity of the analysis
- Define the roles of each of the two ENTSO in the optimal planning process
- Definition of a process to identify the location of multi-sector assets
- Assessment of the issue of optimal energy transportation partition between molecules and electricity

The team received the indication that the best way to disseminate the analysis of the open issues should be a report.

A separate call for members will be issued soon to understand if sufficient resources are available. Terms of Reference approval should be discussed and approved only with a clear view on the availability of resources (mainly market modellers), taking into account the situation for other projects most notably TYNDP and ERAA.

## 14. TSO-DSO Cooperation

### 14.1. Outcome of the 20 May 2021 meeting

The meeting of 20 May 2021 aimed at reviewing the status of the TSO/DSO cooperation agreed on the 2020 Copenhagen Forum; by summarizing what has been done so far, sharing the experiences and the expectations in order to decide on concrete actions, responsibilities and time-lines, and by doing that deepen the cooperation and improve ahead of work commencing on the TYNDP 2022 edition. During the meeting, the DSOs acknowledged the good spirit of cooperation from the ENTSO-E side, that many of the experienced challenges (Data transparency, data representativeness and expert availability) are still to be solved on their side and they expressed that the collaboration will be carried further under the framework of the EU DSO entity, and this will contribute for effective governance of collaboration. For the next meeting which will take place in the June 2021, the aim is to define the strategy in the collaboration by identifying the areas that we can work together as an early engagement for the 2024 edition. Additionally, to extent the scope beyond Scenario Building it is agreed to work on a survey on national cooperation best practices.

## 15. RGs activities (beyond TYNDP 2022)

### 15.1. Status of Convenorship RG CCS

The third mandate of RG CCS convener (Ettore Elia from Terna) expired on 7 February 2021. RG CCS started looking for a new convener since last autumn, but unfortunately no member has given his availability up to now. Any update about candidates to the convenorship position will be timely communicated to the SDC.

### 15.2. RG's activities

#### 1. RG Baltic Sea

##### General activities/achievements

The members of the RG BS observed and discussed the following activities:

- Commenting of the document proposed by the EC/DG ENER: "Methodology for assessing the transmission and storage candidate PCI projects PCI - 2020-2021 exercise" in relation to the 5<sup>th</sup> PCI list.
- Activities of the ENTSO-E ODCG (Off-Shore Development Core Group):
  - Discussion and finalisation of the "4<sup>th</sup> ENTSO-E Position Paper on Offshore Development focusing on Operations & Governance and 5<sup>th</sup> ENTSO-E Position Paper on Ownership & Redistribution Issues
  - TYNDP 22 "Innovation Track Study" for development of a hybrid offshore project CBA assessment

Several RG BS members have joined the respective working body meetings and gave their contributions.

##### Baltic Synchronisation

After application of PSE to RG CE (SOC) was sent in September 2018, aiming for extension of Synchronous Area Continental Europe for Baltic States power systems, the RG CE (SOC) established a Project Group Baltic (PG Baltic) for preparation of the Agreement on the Conditions of the Future Interconnection of power system of Baltic States and power system of Continental Europe (referred to as CFI Agreement) and Catalogue of Measures (CoM).

On 29 of May 2019 after approval, the RG CE Plenary announced about the signing of the interconnection agreement and technical terms and conditions of interconnection (CFI Agreement) by the TSOs of Poland, three Baltic States and supporting countries, upon implementation of which – Lithuania, Latvia and Estonia will become a part of the European power system.

In order to manage the Baltic synchronization project in due time a synchronization roadmap was developed. The realization is continuously discussed and monitored in the PG Baltic. The RG BS will be informed about the on-going activities at the regular meetings of the RG BS.

#### 2. RG Continental Central South

##### General activities/achievements

The new version of the *RG CCS Deliverables* document (updated according to the SDC Work Program 2021 and to the Quality Management handbook) has been approved by the SDC in December 2020.

##### PCI process – coordination of activities within CCS Region

Coordination of preparatory activities relative to the identification of needs and priority projects pertaining to PCI corridors NSI East and NSI West is always ensured. RG CCS provided the requested contributions to the relevant PCI corridor Reports.

Since November 2020, RG CCS is promoting regional coordination of TSO activities relative to the 5<sup>th</sup> PCI list (project candidate's submission, Identification of Needs for PCI corridors and countries, PCI candidates assessment, etc...).

## **Permanent topics of Regional interest**

Internal discussions have been started about coordinated planning activities relative to corridors of regional interest. Potential corridors are mainly North-South corridors through the Alps Region.

### **3. RG North Sea**

#### **General activities/achievements**

The discussed the following activities:

- Offshore Development Plan within the new TEN-E and how to give this shape
- How to deal with the projects 1049-1051 on the PCI list
- New PECD and influence on the members countries

#### **Northern Seas Offshore Grid Infrastructure**

ENTSO-E's Regional Group North Seas is observing / participating in activities of projects / groups concerning the Northern Seas Offshore Grid Infrastructure. Below some activities are listed.

#### **Pentalateral Energy Forum (PLEF)**

##### **PLEF Generation Adequacy Assessment**

After the publication of the 3rd edition of the PLEF GAA report in May 2020, PENTA representatives discussed about the future scope of the generation adequacy reporting considering the next ERAA methodology currently developed by ENTSO-E.

PENTA-members decided to focus on further improvements of the methodology on specific areas to be used in the ERAA context and hired an external consultant. The improvements of the methodology should be done in close cooperation with the PENTA TSOs and ENTSO-E.

### **4. RG Continental South West**

RTE and REE have signed a MOU to deal with projects between France and Spain. Mainly focus on projects P276 and P270: economic assessment, network strategy and feasibility will be checked. End of the study: end of 2022.

### **5. RG Continental South East**

#### **SECI TSP Project – 1<sup>st</sup> Cycle**

As was reported at the previous SDC meeting, the first draft of the SECI TSP Study “The Ukraine/Moldova Network Connection Sensitivity Study” was sent to the participating TSOs near the end of February 2021. As this Study can be seen as the main output of the first cycle of this project, it was not much of a surprise that it attracted great interest in the region, with numerous stakeholders in the process giving their feedback. A part of that feedback was, however, a request for the consultants to check and possibly redo one part of the conducted network calculations due to some inconsistencies spotted in the revision process. The draft in which that feedback was taken into account was finally sent to the TSOs on the 17<sup>th</sup> of May. There will be another SECI group meeting in the near future in which this new draft will be discussed. After its approval at the SECI TSP level, the report will also be forwarded to SDC.

## SECI TSP Project – 2<sup>nd</sup> Cycle

Regardless of the near completion of the first cycle of the SECI project, the beginning of its second cycle has been met with some unexpected difficulties. What came first was the information that HOPS intends to leave this project before its second cycle is commenced, sent from HOPS towards the SDC Chairman on the 30<sup>th</sup> of April 2021. After this was thoroughly discussed at the SECI group level, ESO EAD also decided to take that path and to leave the SECI TSP project, which was stated in an e-mail sent to the SDC Chairman on the 17<sup>th</sup> of May 2021. Both of these came in the midst of the process of signing the contracts with the Consultants, so that process needed to be frozen until the next steps are decided. As the ToR for the second cycle and the ToRs for the individual tasks that should be done in the scope of this cycle have already been approved by the SDC, this turn of events will inevitably lead to the alteration of these documents. Their new versions will be presented to the SDC immediately after they are harmonized among the SECI TSP member TSOs and the Consultants. We are hoping to have those prepared as soon as possible, so any future delay regarding the second cycle of the SECI TSP project can be avoided, allowing the project to continue as scheduled.

## 6. RG Continental Central East

RG CCE on its meeting (web-conference) on 19 April 2021 unanimously elected a new convenor, Andrew Kasembe from ČEPS, a.s.

Andrew Kasembe has started the convenorship by making a follow-up on the ongoing activities particularly towards TYNDP2022 which might need attention of the RG CCE. Further RG CCE’s plan and activities will be elaborated later.

### 15.3. Update of SECI project

The Convenor of RG CSE presents the recent situation of SECI project, with the particular attention given to the aftermath of HOPS and ESO EAD leaving the project, which happened in April and May 2021, respectively.

It was highlighted that several meetings were held both on the SECI group level and with the consultants and that, finally, the agreement was reached to move forward with the cycle. To accomplish that, one of the activities that was foreseen for this cycle (training/workshop) had to be postponed and the price for the remaining two activities had to be slightly reduced. In line with that, the Convenor of RG CSE underlined the changes that were made in the documents sent for approval since they were last shown to the SDC, with those changes primarily referring to the list of project members and the decrease of the price for the Task 3 (RES Study). It was also mentioned that the Terms of Reference (ToR) for the Task 4 contained the payment schedule that was not updated, but that this will be modified and corrected during the contract signing process.

### Decision

Approval	Purpose/notes
<ul style="list-style-type: none"> <li>➤ The SDC approves the updated Terms of Reference (ToR) for the second cycle of SECI TSP project (for year 2021).</li> <li>➤ The SDC approves the updated Terms of Reference (ToR) for the Task 3 of the second cycle of the SECI TSP project.</li> </ul>	<p>2 TSOs that have been preliminary planning to participate in the SECI TSP project took decision to stop their involvement (ESO EAD (Bulgaria), HOPS (Croatia)). This has led to delay in the signature of contracts with the SECI TSP Consultants.</p> <p>SECI TSP group agreed to decrease some and delay some of the activities stipulated in the ToR of SECI</p>

<p>➤ The SDC approves the updated Terms of Reference (ToR) for the Task 4 of the second cycle of the SECI TSP project.</p>	<p>TSP project in order to fit the decreased contribution driven by decrease in the membership scope.</p> <p>The scope change has been discussed with Consultants by SECI TSP team and suitable consensus has been found.</p> <p>Update to the SECI TSP ToR is approved by SDC and is circulated to the Regional Group Continental South East members for final review.</p>
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## 16. Topics for next mini-retreats 30 June 2021

No topics are proposed during the meeting.

### Decision

Actions requested	Responsible body/Date of expected report
<p>➤ The WGs and Project Leaders are requested to propose topics for the next mini-retreat end of June and send them to the SDC Chair and Secretariat.</p>	<p>➤ WGs and Project Leaders.</p> <p>➤ Send topics as soon as possible.</p>

## 17. Any other business

The SDC Chair says goodbye to the Committee and thanks the SDC members for their trust and supportive actions over the last years of his chairmanship.