

5th LONG TERM NETWORK DEVELOPMENT STAKEHOLDER GROUP (LTND SH GROUP)

Date: 27th November 2013

Time: 09h30 – 12h30

Place: ENTSO-E premises, Avenue Cortenbergh, 100, 1000, Brussels

DRAFT MEETING MINUTES

1. Meeting Agenda and Participants

a. Agenda

No	Subject	Time	Lead
1.	Welcome	09.30	Maarit Uusitalo WG TYNDP ENTSO-E
2.	2050 Electricity Highways overview	09.40	Gerald Sanchis WG 2050 E-Highways ENTSO-E
3.	TYNDP 2014 process:	10.25	Maarit Uusitalo WG TYNDP ENTSO-E
	- Expected results - preliminary view		
	- Regional views - preliminary view		Silvia Ibba System Development Advisor ENTSO-E
	- Reflections/Messages from the stakeholder workshop	10.50	ALL
4.	TF on scenario building:	11.15	Jesus Mendiola Market Modelling Advisor ENTSO-E
	Preliminary activities updates		
5.	Next steps&meetings	12.00	ALL
6.	AOB	12.10	ALL
7.	Conclusions	12.20	Maarit Uusitalo WG TYNDP ENTSO-E
8.	End of the meeting	12.30	

b. Participants

Name	Company
1. Aguado Cornago Ana	FOSG
2. Marc Malbrancke	CEDEC
3. Fikar Ulrich	Orgalim
4. Antina Sander	RGI
5. Sacha Falahat	BNetzA
6. Giorgio Corbetta	EWEA
7. Paolo Falcioni	CECED
8. Dania Cristofaro	ECOS
9. Riccardo Vailati	ACER
10. Jesus Mendiola	ENTSO-E
11. Klaus Wewering	ENTSO-E
12. Maarit Uusitalo	ENTSO-E
13. Gerald Sanchis	ENTSO-E
14. Klaus Wewering	ENTSO-E
15. Chris Thackery	ENTSO-E
16. Silvia Ibba	ENTSO-E

2. Minutes of the Previous Meeting

The minute of the 4th LTNSG meeting was previously finalised and is currently available on the [ENTSO-E website](#).
The agenda of the current meeting was approved.

3. Introduction

Maarit Uusitalo introduced the meeting thanking LTNSG members attending the TYNDP 2014 plenary Workshop on the day before and announcing that it gave big opportunity of discussion for the current meeting.

4. 2050 Electricity Highways overview

Gerald Sanchis from the ENTSO-E WG Electricity Highways 2050 (EH 2050) presented an overview of the project and of the Consortium activities. The presentation focused mainly on the EH 2050 process: scenario buildings, grid models definition, and analysis simulations and results presentation. He also underlined the importance of Stakeholder suggestions in building the scenarios for 2050 project.

The main 5 features of 2050 scenarios are:

- Large scale RES
- Res
- Big & market
- Large fossil & nuclear
- Small & local

EH 2050 consortium intends to organise a Public Stakeholder workshop at the end of March 2014, with the aim to show quantification of EH 2050 scenarios and the European grid model.

More details on the project are available on www.e-highway2050.eu

Decision: ENTSO-E and WG EH 2050 will keep update all LTNSG members about the Public Workshop by end of March 2014.

Further questions (Q) and suggestions (S), with associated answers (A) from the participants:

Q: What do you mean by new use of energy?

A: Including and considering new consumers like electrical vehicles, train, heating industry, additional usages.

Q: Does the EH 2050 envision all the variability of demand?

A: Currently not all (e.g. electric vehicles are considered), but maybe later after-> an update in the profile is necessary. In.

S: Suggestion to elaborate a couple of scenarios where the demand is fix, and then one with flexible demand.

Q: How is the 2050 outcome linked with the TYNDP process?

A: EH 2050 will develop a way to go for 2050, EH 2050 starting point is be 2020. And this scenario comes from TYNDP. Moreover from TYNDP process EH 2050 receives the picture in ten years.

Q: Which is the specific approval process for the EH 2050 project?

A: The EH 2050 project will received Commission approval, since it is an EU project.

Q: How is the stakeholder involvement in EH 2050?

A: The WG EH 2050 aims to have webinar meetings, and stakeholder workshops, as to develop interaction with stakeholders. Moreover, the Commission nominated 3 experts to follow the EH 2050 activities and, with one coming from stakeholder side.

Q: To whom is addressed the EH 2050 workshop in March 2014?

A: It will be addressed mainly to different stakeholders (ca 300 stakeholders) already in the loop of the EH 2050.

Q: Modelling the whole European grid seems to be complicated. Will this project use a simplified model?

A: Yes, it will, but after a thorough discussion with TSOs.

Q: Would the grid be different with or without political borders?

A: The country borders are still modelled, there two can be made as one, and in the end should be covered.

Q: If you do not take into consideration possible 2030 renewable energy target, what kind of political issues are taken into account?

A: The description is at very high level, it takes into account different policies of different countries, also the case for renewable, or demand. EH considers one single target to the whole Europe, but some variation between countries is possible.

S: In order to find out cost optimisations and to understand the effect of certain elements in the system architecture, sensitivity analysis of at least vision 4 might be appropriate. For example CO₂ prices expectations vary hugely and the sensitivity of a set of values could be in the model.

A: The EH visions cannot take into account all uncertainty. We do need a vision with high prices, other visions have lower prices. IPCC recent projections concur with V4.

Q - Is there still coal burning in Europe in all scenarios?

A – Yes but it varies across the visions; vision 4 has a much lower level with Carbon Capture and Storage.

S - Even if it is seen as difficult to achieve a given scenario, it is important to have the EU perspective and not just a sum of national ones. It can be a message for regulators and policy makers that there may be little possibility of optimising RES with an explanation of why it cannot be so European.

A: ENTSO-E is striving for better and better results for each TYNDP, which is an iterative process.

5. TYNDP 2014 process: feedback from the Public TYNDP Workshop

Maarit Uusitalo presented the TYNDP 2014 process shown during the Public Workshop held in ENTSO-E the day before. Mrs Uusitalo highlighted the main points of the process emphasising the increased Stakeholders involvement (including the LTND SG) in the whole TYNDP process.

ENTSO-E informed the LTND SG also about the next steps of TYNDP 2014 process and expected six regional workshops in March 2014. The final dates and location will be communicate to the SG in due time.

The aim of those regional Workshops is to focus on the methodologies concerning the TYNDP and RgIPs 2014 elaboration, and to provide the participants with the opportunity to discuss the preliminary results, leading to further improvements.

Further Questions (Q) and suggestions (S), with associated answers (A);

Q: what's the purpose of the TYNDP 2014 process consultation at regional level?

A: Tsi regional workshops offer the possibility to all the stakeholders who cannot participate to our Brussels events to share their suggestions and also to better understand the TYNDP. Eventual comments are taken up by Regional Groups.

Q: Can national associations and other organizations come to the workshops?

A: Yes, it is an open invitation. Another point of view can be gained through engaging stakeholders at Regional and country level.

Q: What is the adequacy study about?

A: It is generation adequacy, how the system can perform under certain load requirements and does not include a link to capacity payments.

Q: What is the link between adequacy study and cost benefit analysis?

A: There is no link between them. They run in parallel.

Q: Are there some projects that are not PCI's that will be in the TYNDP 2014?

A: Yes, some TSOs and 3rd party's projects will be in the TYNDP 2014 since they fulfil the criteria for projects of pan-European relevance, although they did not make it on the final list of PCI. To not be forgotten that TYNDP has a wider purpose than PCI process.

S: It is valuable to have 4 visions, rather than aggregating since it allows to compare how a project performs under different conditions, giving confidence of whether a project is needed or not.

A: The reason ENTSO-E went for 2030 time horizon is to get a view of different futures, if we only look at 2024, we may miss some projects.

S: Comments on PCI selection process could be explained better among LTND SG members.

6. TF on scenario building: status of activities

Jesus Mendiola outlined the process and of topics/issues addressed within the LTND SG -Task Force Scenarios.

The structure of the report was presented. Basically the report will contains suggestions to increase the understanding of the way ENTSO-E is building its TYNDP scenarios and the optimal way to involve stakeholders early in the process in targeting a balanced input to the scenario outcomes, considering the optimal way to reflect national/European policies along with the stakeholders' view into the scenario outcomes and increase the acceptability of the TYNDP scenarios.

It includes also the Communication with stakeholders during the TYNDP building process: when and how the main stakeholders shall be consulted.

ACER representatives requested to be part of the further TF Scenarios activities.

Decision:

The draft report will be circulated among LTND SG members before next LTND SG Meeting..

ACER will be included in the further TF Scenarios activities as observant.

7. Next Steps and Next Meeting

There was a discussion around whether the next meeting of the Long Term Network Development Stakeholder Group should be before or after the 6 Regional public Workshops fixed on March 2014.

The consensus was that we should have the LTNDSG meeting after the Regional Public Stakeholder workshops; either on the day if schedules work. If the scheduling is not possible, a separate day could be arranged.

Note: All the material presented in the meeting can be accessed from the ENTSO-E website at: <https://www.entsoe.eu/major-projects/ten-year-network-development-plan/tyndp-2014/long-term-network-development-stakeholder-group/>