

## 2nd LONG TERM NETWORK DEVELOPMENT STAKEHOLDER GROUP (LTND SH GROUP)

Date: 27 February 2013

Time: 10:30h – 16:00

Place: ENTSO-E premises, Brussels

### WORKSHOP MINUTES

#### 0. Meeting's agenda and participants

	Welcome	10:30 – 10:40	Dimitrios Chaniotis Manager System Development
1.	Minute of the previous meeting	10:40 – 10:50	Irina Minciuna Advisor
2.	TYNDP methodology and the future improvements  Discussion	10:50 – 11:40	Sebastien Lepy  Convener TYNDP Working Group
3.	New EIP and the ENTSO-E outputs  Discussion	11:40 – 12:20	Dimitrios Chaniotis Manager System Development
	Lunch	12:20 – 13:20	
4.	CBA methodology update  Discussion	13:20 – 14:10	Irina Minciuna Advisor
5.	Network Codes – overview  Discussion	14:10 – 14:40	Mark Copley Consultation Manager
6.	TYNDP outcomes - what and how shall the information be represented in the next TYNDP ( graphs, maps, tables, etc)  Discussion	14:40 – 15:20	Maarit Uusitalo TYNDP Transparency Manager
	AOB	15:20 -15:30	ALL
7.	Next steps and the next meeting	15:30 – 15:45	ALL
8.	Conclusions	15:45 – 16:00	Dimitrios Chaniotis Manager System Development

	<b>Association</b>	<b>Representative</b>	<b>2nd meeting presence</b>
1	<b>Eurelectric</b>	Gunnar LORENZ	present
2	<b>EWEA</b>	Paul Wilczek	present
3	<b>EPIA</b>	Giorgia Concas	present
4	<b>EFET</b>	Jerome le Page	absent
5	<b>IFIEC</b>	Fernand Felzinger, Peter Claes	absent
6	<b>RGI</b>	Antonella Battaglini substituted by Antina Sander and Daniel Fraile Montoro (CAN Europe)	present
7	<b>WWF</b>	Mark Johnston	absent
8	<b>GREENPEACE</b>	Tara Connolly	absent
9	<b>EPPSA</b>	Patrick Clerens	present
10	<b>Europacable</b>	Volker Wendt	present
11	<b>T&amp;D Europe</b>	Richard Charnah	present
12	<b>GEODE</b>	Carmen Gimeno substituted by Johan Londqvist	present
13	<b>CEDEC</b>	Marc Malbrancke	present
14	<b>Friends of the Supergrid (FOSG)</b>	Ana Aguado Cornago	present
15	<b>Orgalime</b>	Ulrich Fikar	present
16	<b>EASE</b>	Maria Joao Durate	present
17	<b>DG ENER</b>	Chrysoula Argyriou	absent
18	<b>ACER</b>	Katharina Bauer	present
19	<b>ENTSO-E</b>	Dimitrios Chaniotis	present
20	<b>ENTSO-E</b>	Mark Copley	present
21	<b>ENTSO-E</b>	Maarit Uusitalo	present
22	<b>ENTSO-E</b>	Irina Minciuna	present

## 1. Minutes of the previous meeting

The agenda of the current meeting was approved.

The minutes of the previous meeting will be redrafted in order to show no names. In case a stakeholder will want to assume any statement will be able to note this in the draft minutes before the final publication.

**The decided approach will be kept for the entire existence of this stakeholder group.**

**The redrafted minutes of the kick of meeting will be re-circulated by the end of the week to all the participants.**

## 2. Ten Year Network Development Plan(TYNDP) methodology and the future improvements

ENTSO-E presented the methodology that will be used for the TYNDP 2014. Please see the presentation of a better insight in the methodology.

In terms of improvements compared to the TYNDP 2012, ENTSO-E has added/improved the following main elements:

- Tackles a longer time horizon: the TYNDP 2014 incorporates 2030 visions<sup>1</sup> which were produced in consultation with the interested stakeholders.
- New procedure on inclusion of the third party projects in the 2014 version of the TYNDP: The final version takes into account the comments and suggestions received from stakeholders (20 November workshop), ACER and EC during workshops and bilateral meetings held in the last quarter of 2012.
- Intermediate update of the TYNDP 2012 table of projects: In June/July 2013 ENTSO-E will publish an update of the Table of projects, incorporating changes in commissioning dates, status of projects and technical descriptions.
- Creation of the Long-Term Development Stakeholder Group.
- Cost and Benefit Analysis (CBA) methodology. This methodology constitutes an update of ENTSO-E's Guidelines for Grid Development, aiming at compliance with the requirements of the draft Regulation mentioned above, and ensuring a common framework for multi-criteria cost benefit analysis for candidate projects of common interest (PCI) and other projects falling within the scope of the TYNDP.

During the meeting the main discussion was around the TYNDP scenarios. Below one may find the main posed questions and they associated answers:

- Are the studies done at the European or regional level and what is the level of freedom that RGs have in choosing the data/ scenarios to study?

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<sup>1</sup> More information on the visions at:

[https://www.entsoe.eu/fileadmin/user\\_upload/library/events/Workshops/2030\\_Visions/announcement\\_leaflet\\_2030\\_vision.pdf](https://www.entsoe.eu/fileadmin/user_upload/library/events/Workshops/2030_Visions/announcement_leaflet_2030_vision.pdf)

The TYNDP is based on the common pan-European market database which is used for the pan-European studies (studies run for defining the boundary conditions used in the regional studies) and the regional studies themselves (studies used for the assessment of project of pan-European relevance).

The TYNDP delivers the methodology and the necessary common data for the studies and defines the scenarios to be studied.

The RGs must study the defined scenarios, but they have the freedom (based also on the used tool) to include regional variants and to choose within the defined scenario the most representative case for their region.

- In case the TSOs will deviate from the defined visions will this be explained in the TYNDP?

Yes but not very into detail in the TYNDP report. More information is to be delivered in the regional reports.

- Is this data available to the stakeholders?

The data is presented in the ENTSO-E report System Outlook and Adequacy Forecast (SOAF) report which is annually published. Related to the location of the future generation ENTSO-E is developing the map of drivers. Related to the comments received during the consultation process they will be used for the improvement of the TYNDP 2016 since the suggestions are not feasible to be implemented in the current version. In April 2013 ENTSO-E will publish the outcomes of the input received during the request for input phased in Dec 2012/2013.

- Will the expected development of solar and nuclear in France be considered in the RG studies?

The RGs have the possibility to run sensitivity studies. This can be done either considering the capacity variation or location variation.

- For the vision four “revolutionary” does ENTSO-E optimize the RES generation? Since the vision four is to be in the path of 2050 it must have incorporated the RES optimization.

For the TYNDP 2014 ENTSO-E optimizes only the conventional generation because of the too little means of challenging RES development assumptions. Technical and economic grid development issues cannot justify amendments of RES developments. One must not forget TSOs are expert with respect to network development but optimisation of generation requires additional skills.

Looking at the TYNDP 2014 ENTSO-E has received very little practical input from the stakeholders in order to optimize the RES probably because the information was not directly required for that purpose. For the next TYNDPs ENTSO-E will explicitly seek more input from the interested parties and therefore will organize at least one workshop on how to build the vision four (green revolution).

**Note: the stakeholders underlined the need for ENTSO-E to clearly mention that vision four does not contain the optimization of RES at EU level.**

**For the TYNDP 2016 ENTSO-E will hold a workshop with the relevant stakeholders on how to build the vision four in order to have the optimisation of RES incorporated.**

### 3. New EIP and the ENTSO-E outputs

ENTSO-E has presented the overview of the new legislation underlining the new role of TYNDP in the PCI process and the additional tasks that ENTSO-E has to fulfil (as seen on the slides). For the full insight on this topic please see the associated presentation.

Discussion:

- Should all the projects in the TYNDP be PCIs?

The role of the TYNDP is larger than the PCI process. According to the 3rd legislative package the TYNDP should present all the pan-European relevant projects in the next decade. Considering this task ENTSO-E will not seek to have 1 to 1 match with the PCI projects.

- If a project is not in the TYNDP will it be an impediment in the PCI selection?

According to the new draft Regulation on guidelines for trans-European energy infrastructure, the TYNDP is the sole base for the PCI selection starting with the second union PCI list. We still have to discuss with the EC on the approach for the first PCI list. It is still the risk of having 2014 TYNDP with not all PCI's included – in case the promoters are not applying for the inclusion in the TYNDP.

**Important: As mentioned above, ENTSO-E has developed a procedure<sup>2</sup> to include the 3rd party projects in the TYNDP. According to it the deadline for submitting the projects is 1 March (two days after this meeting). Till now ENTSO-E has received only one submission whereas the EC has received many more under the public consultation on the PCIs. All the interested stakeholders are kindly requested to remind their members the need to submit on time.**

### 4. CBA methodology update

Based on the draft Regulation on guidelines for trans-European energy infrastructure, ENTSO-E has to develop a CBA methodology which will be used in the assessment of the TYNDP projects along with the mature PCI projects.

In this sense ENTSO-E has drafted the methodology in 2012 and started to consult it in the Q4/2012 (workshop 20 November 2012). Based on the received input ENTSO-E has updated the methodology, which is expected to start the official consultation process as soon as the legislation enters into force (expected May 2013).

Since November 2012 ENTSO-E has been working to improve the methodology especially on the storage assessment and the environmental indicator. For both of these points ENTSO-E has been working with the relevant association and will continue its collaboration until its finalisation. More information on the CBA status can be found in the presentation.

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<sup>2</sup> [https://www.entsoe.eu/news-events/announcements/newssingleview/article/tyndp-2014-entso-e-publishes-the-final-procedure-for-the-inclusion-of-third-party-projects/?tx\\_ttnews%25255BbackPid%25255D=28&cHash=ef23cefce1b5577b66f5299826cb6975](https://www.entsoe.eu/news-events/announcements/newssingleview/article/tyndp-2014-entso-e-publishes-the-final-procedure-for-the-inclusion-of-third-party-projects/?tx_ttnews%25255BbackPid%25255D=28&cHash=ef23cefce1b5577b66f5299826cb6975)

Discussion:

- ENTSO-E should consider in their methodology the suggestions underlined in the Swiss Federal Office of Energy presentation at the RGI workshop.
- For the environmental indicator it is very important to explain each sub –indicator: why was it chosen (from the Cigre paper) and how will it be calculated for different stages of project development.
- It is suggested to write this paper together with the environmental NGOs part of the stakeholder group.

**Note: the group will be informed of the progress in the next meetings.**

## 5. Network Codes – overview

As requested in the kick of meeting ENTSO-E has presented an overview of the network codes underlying the interactions between them. For a better understanding please see the associated presentation.

Discussions:

- How are the network codes related to the national legislations?

The network codes represent a key step in reaching the common electricity market and therefore cover only the issues that have a cross border impact between least two member states. For the internal issues the national legislation prevails.

- What is the impact of the network codes on the TYNDP: will we need to build fewer infrastructure?

Yes this may happen, but it entirely depends on the capacity available for the market.

As a TSO we do propose investments based on the physical needs. The used market model simulation tools assume a perfect market with the lowest information unit being the hour. This is the main reason why ENTSO-E cannot assess properly the storage projects since the benefits stemming from the activities less than one hour cannot be quantified with the current available models.

## 6. TYNDP outcomes - what and how shall the information be represented in the next TYNDP ( graphs, maps, tables, etc)

In order to improve the understanding and the readability of the TYNDP 2014 ENTSO-E has requested all the present stakeholders to give input on the format the information (graphs, maps, tables, etc.) is presented in its report.

Suggestions:

- Improve the text:
  - o By better explaining the process, the discrepancies in data (explain the differences between NREAP's<sup>3</sup> and the final visions)
  - o Mention what additional scenarios were considered
  - o Explain more the procedures and methodology
  - o Explain why there is optimization of thermal and not renewables generation.
- Improve the graphs, maps, tables – they were not discussed. ENTSO-E will come back for the input at a later stage. This topic was not finished to be discussed. **All the stakeholders are invited to send more input on how and what information they would like to see in the TYNDP 2014.**

## 7. Next steps and the next meeting

- Next meeting will take place in Brussels by the end on May (ENTSO-E will send a doodle to confirm the final date).
- By the end of the week ENTSO-E will send to all the participants the minute of the previous meeting in the new agreed format.
- All the stakeholders are invited to send more input on how and what information would like to see in the TYNDP 2014.
- In the next meeting ENTSO-E will inform the group about the CBA development
- In the next meetings ENTSO-E will present the steps is intending to take in order to involve the stakeholder from an earlier stage of scenario development.

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/>

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<sup>3</sup> National Renewable Action Plans