

General Project Plan for TYNDP 2013-2022

Introduction

This document lays out general milestones and provides a timetable of all envisaged steps throughout the TYNDP 2013-2022 development process up to the delivery in Q1 2013 and subsequent consultation and ACER opinion-making process. In addition, it details stakeholders' interactive involvement in this process.

TYNDP 2013-2022 will be already the 3rd edition of this non-binding Union-wide plan of infrastructure development and will build on the past experience and feedback received. As noted in the past, TYNDP is a 'living organism' and as such evolves along with the market dynamics it is expected to capture'. It is thus crucial that development of each new edition generally reviews the assumptions and methodologies used in the past and aims at enhancing as well as expanding them where necessary.

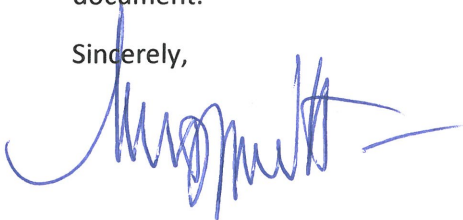
Based on good practices developed within ENTSG during the first Network Code development¹, and to enable stakeholders to better understand as well as get actively involved in developing TYNDP methodologies, ENTSG would like to introduce the concept of Stakeholders' Joint Working Sessions (SJWSs) into the TYNDP development process.

ENTSG has identified the following areas as topics for the SJWSs:

1. Supply
2. Demand
3. Infrastructure projects
4. Security of supply
5. Market Integration

ENTSG would therefore like to invite stakeholders to express their interest in the TYNDP development along their level of commitment through the Response Sheet appended to this document.

Sincerely,



Vittorio Musazzi

ENTSG General Manager

¹ Network Code on Capacity Allocation Mechanisms

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1. Background

Regulation (EC) No 715/2009 (REG-715) defines ENTSG's obligation to elaborate a non-binding Union-wide Ten-Year Network Development Plan (TYNDP) as well as some key criteria of this plan. In addition, it sets key principles of the development process and the opinion-making process by ACER.

REG-715 envisages a bi-annual development process for the TYNDP. ENTSG's predecessor organisation started developing the 1st (pilot) edition of TYNDP in early 2008 and ENTSG published the 1st edition, TYNDP 2010-2019, in December 2009. Having considered the wide range of comments received as well as ERGEG Final Recommendations on TYNDP development of 12 July 2010, ENTSG decided to take only one year to prepare the 2nd edition which was published as TYNDP 2011-2020 in February 2011 (i.e. shortly before REG-715 became formally applicable on 3 March 2011). ENTSG now plans to follow the two-year development process due to the significant amount of data that need to be collected and processed. In addition, the two-year process is now linked to other formal obligations of ENTSG, most notably those defined in Council Regulation (EU) 617/2010 concerning the notification to the Commission of investment projects in energy infrastructure. Also, the new Commission's proposal on guidelines for trans-European energy infrastructure bases itself on this timeline.

TYNDP 2013-2022 will hence be the 3rd edition of this non-binding Union-wide plan of infrastructure development and will build on the past experience and feedback received. As noted in the past, TYNDP is a 'living organism' and as such evolves along with the market dynamics it is expected to capture'. **It is thus crucial that development of each new edition generally reviews the assumptions and methodologies used in the past and aims at enhancing as well as expanding them where necessary.**

All relevant documents linked to the previous TYNDP development are available on ENTSG website www.entsog.eu in the Publications & Events section under System Development.

At the end of this document a response sheet is included which asks for stakeholders to indicate their level of participation associated with the commitment to the TYNDP 2013-2022 development process.

2. TYNDP 2013-2022 Target

As part of the consultation process on TYNDP 2011-2020 running between March and June 2011, ENTSG received 9 stakeholders' responses. ENTSG also received formal ACER opinion in September 2011.

Based on this feedback, ENTSG has set the following key targets for the TYNDP 2013-2022 development:

- To develop a robust range of **demand scenarios** to capture both political goals (such as the EU 20-20-20 targets) and actual solutions as well as different potential economic growth factors; such scenarios will consider both Annual and High Daily Demand variations
- To refine **supply scenarios**
- To explore other possible **clustering of projects** for the network simulations
- To develop additional **parameters for testing market integration** to create a robust range of them
- To refine **parameters** and explore **their combination for testing security of supply resilience** of the European network
- To enhance cooperation with ENTSG-E on common issues

3. Timetable

The graphical representation of the timetable for TYNDP 2013-2022 development is presented below.

TYNDP 2013-2022 Process	2011	2012	2013
External process	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M
Stakeholder's engagement process			
Workshop on TYNDP 2011-2020 (3rd TYNDP WS)			
Public consultation on TYNDP 2011-2020			
Bilateral meetings with respondents to PC			
Workshop on TYNDP 2013-2022 process (4th TYNDP WS)			
Network modeling tool presentation			
Infrastructure project clustering SJWS			
Demand SJWS			
Supply SJWS			
SoS resilience test SJWS			
Market integration test SJWS			
Workshop on methodologies and assumptions for TYNDP 2013-2020 (5th TYNDP WS)			
Informal bilateral talks			
ACER-related process			
Submission to ACER for opinion			
Publication of ACER opinion			
Data collection			
Infrastructure projects			
Gas demand			
Gas supply			
Methodology definition			
SoS resilience			
Market integration resilience			
Internal process	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M
Edition			
Data processing			
Simulations			
Analysis and editing			
Approval process	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M A M J J A S O N D J F M	M A M J J A S O N D J F M
ENTSG approval process			
Data & methodologies intermediate approval			
Report final approval			

4. Engagement Process

While ENTSOG is responsible for the development of Union-wide TYNDP, it is essential that stakeholders participate extensively **to support and assist the process**.

Members of the ENTSOG Investment Working Group have already been involved in extensive dialogue with the European Commission, ACER and a wide range of stakeholders during the development of previous editions.

During the TYNDP 2013-2022 development activity, ENTSOG also contemplates a formal interaction with all stakeholders through Stakeholders' Joint Working Sessions (SJWSs). These sessions will be open to all and will be held at regular intervals as specified in TYNDP 2013-2022 Timetable (Section 3).

Additionally, ENTSOG would envisage extensive interaction with stakeholders both before and during the SJWS period on either a bilateral or group basis depending on their preferences. These meetings will assist the understanding of different perception of the issues, challenges and opportunities afforded by the TYNDP development and the preparation of concepts for SJWS discussion. The stakeholders committing most to actively participate to the process shall form a group which will **interactively discuss the content during the development of TYNDP** with ENTSOG. Such interactions are likely to be intense and time consuming but it is believed that the commitment of at least a small but diverse group of stakeholders will be essential to developing robust and objective assumptions and methodologies and therefore assure the success of the next edition of TYNDP.

TYNDP 2013-2022 process workshop

ENTSO held a workshop on 29 September 2011 in order to present its analysis of the feedback received through public consultation and of ACER's opinion on TYNDP 2011-2020. As all identified areas of improvement require further interaction with stakeholders, an updated concept of engagement process was presented.

Market & Network modelling information session

Modelling is a core aspect of TYNDP as it enables to assess the resilience of the European gas infrastructure. The tool used to model the European gas market and network has to fit with methodologies assessing the level of security of supply, market integration and support or renewables.

ENTSO will therefore organize a dedicated session for stakeholders to present the network modelling tool used by ENTSOG for the different scenarios simulations.

Stakeholder Joint Working Sessions

ENTSO considers such sessions as the core of the stakeholders' engagement process. They should

enable to define, in quantitative terms, stakeholders' expectations and how to address them while incorporating stakeholders' expertise to improve the definition of assumptions and scenarios as well as the development of respective methodologies. Due to the wide panel of areas to be covered by TYNDP, it has been decided to organize parallel SJWSs dedicated to five different topics being:

- Demand
- Supply
- Infrastructure projects
- Security of supply
- Market integration

Discussion at the SJWSs will focus on the achievement of the key targets for the development of TYNDP 2013-2022 as specified above (Section 2). Prior to each SJWS, ENTSG will organize at least one meeting with Prime Movers (see below) **to prepare a proposal for discussion at the SJWS.**

SJWSs will be open to all stakeholders, ENTSG would nevertheless like to encourage stakeholders to send experts on the topic to be discussed.

Data & methodologies wrap-up workshop

ENTSG will work on the outputs of each SJWS in order to build a consistent set of assumptions to be used in TYNDP 2013-2022.

This set will be presented to all stakeholders during a public workshop before ENTSG starts to process all the data and prepare the TYNDP report. Feedback received during the workshop will be factored in the process.

Stakeholder Support Determination

ENTSG recognises the significant challenge associated with the communication and the development of mutual understanding of all actors' positions during the entire process and therefore will ensure that all stakeholders are kept up to date via a combination of direct mailings or via ENTSG website updates. All formal meetings will be documented and published along conclusions.

5. Call for stakeholders' engagement

As noted above, ENTSOG would like to establish a **robust procedure for stakeholder involvement** in the TYNDP development. Stakeholders are therefore asked to indicate their intended level of participation as described in the table below. This should help ENTSOG manage the logistics of the whole process.

Level	Description	Comments
1	Prime Mover	Committed to work on a bilateral basis and dedicate possibly substantial resources to assist development of assumptions and methodologies for SJWS consideration – commitment to involve many days during December 2011-May 2012 period
2	Active SJWS Participant	Expected to attend SJWS relevant to his/her expertise and to read and review all material prior to meetings and to be prepared to explore detail within the SJWS – commitment of around 3 days per month during intensive period of activity
3	TYNDP WS Participant	Will participate in the regular TYNDP Workshops
4	Consultation Respondent	Will respond to formal calls for information and/or consultations

Please supply any feedback on this General Project Plan, your company or organisation's level of participation (1, 2, 3, and 4) and relevant contact details using the consultation response sheet on the following page.

Responses will be used to compile circulation lists to be used during the TYNDP 2013-2022 development process. Whilst substantial material will be available on ENTSOG website we expect to proactively use our mailing list to ensure that all active participants are notified of progress and relevant materials as soon as reasonably practicable.

Please note that the ENTSOG expects to organize the first meetings of Prime Movers in December 2011.

ENTSOG would like to thank you very much in advance for your comment and your participation in the TYNDP 2013-2022 development process.

ENTSOG contacts

For any question on the commitment/participation level please contact:

- Andrea Cirlicova
- Olivier Lebois

Appendix - Consultation Response Sheet

Please complete the fields below and send your response to andrea.cirlicova@entsog.eu and info@entsog.eu by the 7 December 2011.

Name
First and Last Name:

Organisation
Company/Organisation Name:
Job Title:

Contact details
Email:
Tel:
Mobile:

Address
Street:
Postal Code:
City:
Country:

Topic	Level of Participation ²		
	1 Prime Mover	2 Active SJWS Participant	3 / 4 TYNDP WS / Consultation participant
Demand	Yes/No	Yes/No	Yes/No
Supply	Yes/No	Yes/No	Yes/No
Infrastructure projects	Yes/No	Yes/No	Yes/No
Security of supply	Yes/No	Yes/No	Yes/No
Market integration	Yes/No	Yes/No	Yes/No

Can you offer preliminary opinions as to how ENTSG can best deliver or improve on the above topics?

Response:

Do you have any other comments or observations you would like to make?

Response: