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Last updated: 10 October 2023

TYNDP 2024 Projects Platform
User Guide

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1. Access to the platform and person of contact

Project promoters who have already submitted a project in previous TYNDP editions shall use the credentials that were provided to access the TYNDP 2024 Projects Platform. If you have lost or forgotten your credentials, please, contact giulio.lapera@entsoe.eu.

Access to the platform requires 2 factors authentication. If your 2FA has expired, please also contact giulio.lapera@entsoe.eu.

New project promoters shall directly contact giulio.lapera@entsoe.eu

2. Overview of the TYNDP 2024 Projects Platform

The TYNDP 2024 Projects Platform aims at compiling the required information from project promoters for TYNDP 2024.

Figure 1 identifies the three main items within the TYNDP Projects Platform homepage:

1. **Storage projects:** Visualise, create new or edit existing storage projects. Users can only visualise their own projects. Users can indistinctly use the button in the top bar or the blue button.

2. **Transmission projects:** Visualise, create new or edit existing transmission projects. Users can only visualise their own projects. Users can indistinctly use the button in the top bar or the blue button.

3. **User settings:** This page allows project promotors to add their logo. The logo will be visible in the project sheets which will be published after ENTSO-E revision.
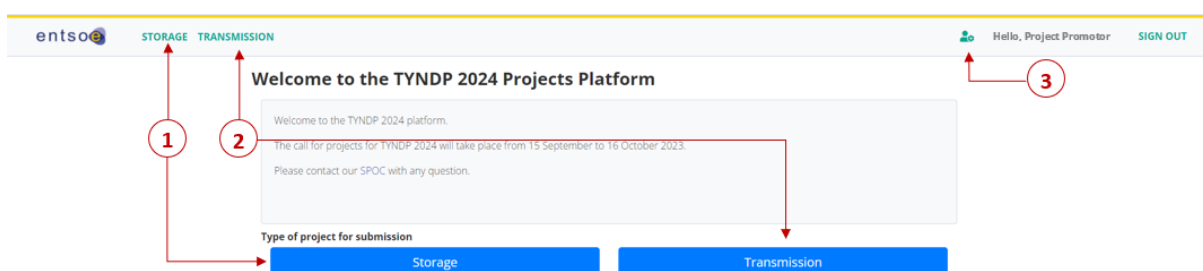

Figure 1. TYNDP 2024 Projects Platform home page.

3. How to create or edit a (transmission or storage) project

Once users have accessed the TYNDP 2024 Projects Platform, their screen shall display the content in Figure 2. Users can select whether to create or edit a transmission or storage project by selecting the corresponding button.
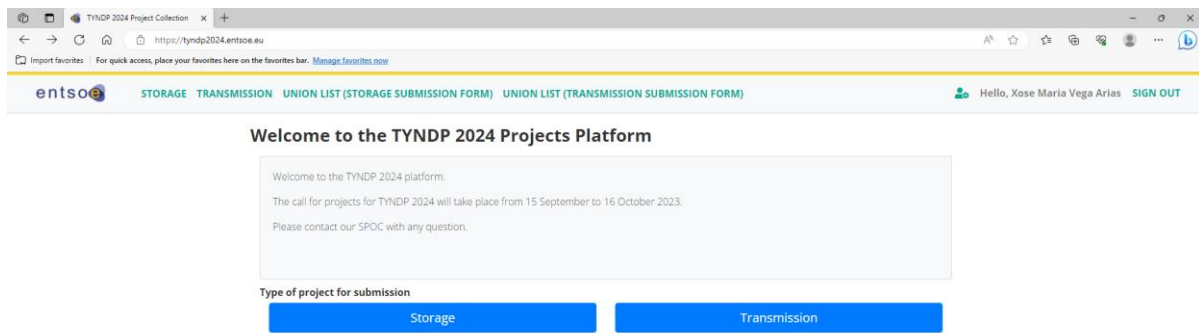
Figure 2. Projects Platform home page

After entering either the transmission or storage page, as shown in Figure 3, project promoters can see their list of projects.
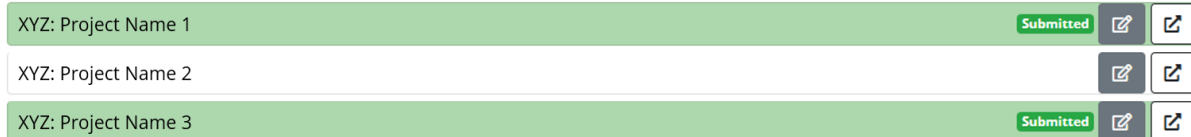

Figure 3. List of projects for a given project promotor.

How to edit an existing project

To edit an existing project, click on the project of interest or on the grey button, modify the fields of interest and click on "Save".

Figure 4. Click on the project of interest to modify its content.

Figure 5. Remember to click on "Save" to keep your modifications.

How to create a new project

Click on "Add a new project", at the bottom of the list of existing projects.

Creating a new project automatically creates a project ID. **It is recommended to save the newly created project before proceeding with filling in the fields.**

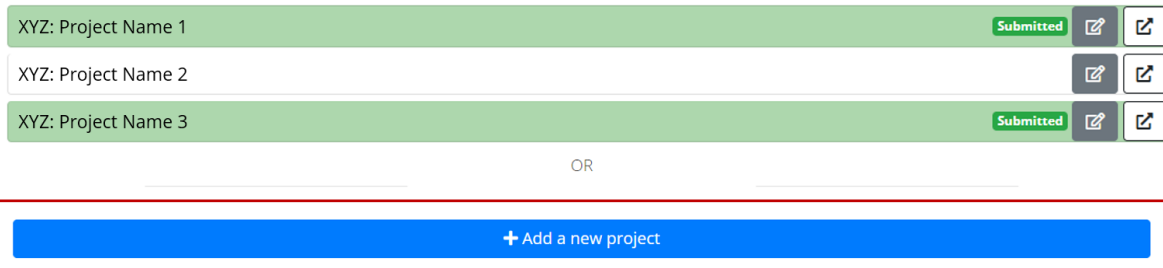It is possible to save a project without completing all mandatory fields, and to come back later.

Figure 6. Click on "add a new project" at the bottom of the list.

4. How to submit a project

For a project to be effectively submitted to TYNDP 2024, the promoter must click on 'Submit' at the bottom of the form. Submitting a project is only possible when all mandatory fields are completed. Submission without mandatory information will trigger an error message.

Promoters are advised to try clicking on 'Submit' before the submission deadline, to make sure all mandatory fields are complete. It is possible to unsubmit a project by clicking on 'Unsubmit'.
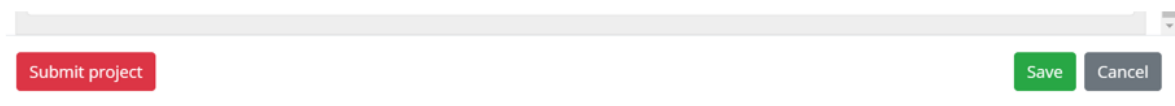

Figure 7. Submit button

5. How to preview a project sheet (public information)

At the time of publication of the TYNDP, part of projects' data and the results of the CBA analysis performed by ENTSO-E will be published in the form of Project Sheets (see TYNDP 2022 Project Sheets as example).

TYNDP 2024 Projects Platform allows to visualise a preview of how the project sheet would look like upon publication based on the provided input. To access it, users shall click on the rightmost button on the list of projects (see figure below).

NB: At the time of publication of the present User Guide in September 2023, the process to define the format and content of TYNDP 2024 project sheet has not yet started. Therefore, opening the project sheets preview shows project sheets template similar to the 2022 template. Project promoters will be informed and consulted in due time (Q1-Q2 2024) during the development and implementation of any change to project sheets for the 2024 process.
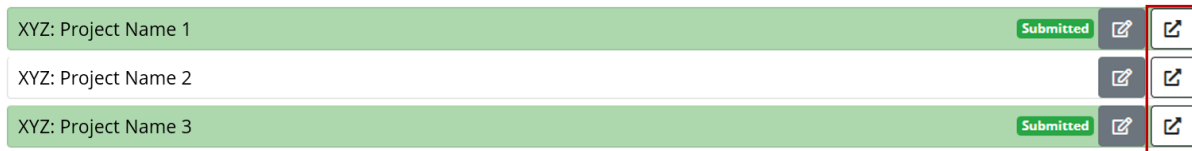

Figure 8. Click on the white button to preview the project sheet of a specific project.

6. Points for attention when editing a storage project

Overview

Layout

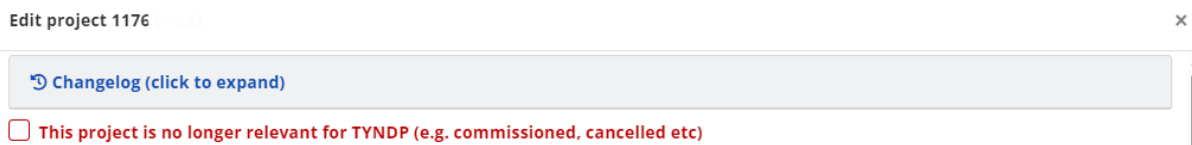All fields of the TYNDP Projects Platform are aggregated under different tabs.

Figure 9. TYNDP Projects Platform tabs to add information.

Filling-in the fields – Save and continue later

Users have the flexibility to save a project at any point, even if required fields have not been filled in, and return to it at their convenience (always within the submission window).

Indicate when a project is no longer relevant for TYNDP

To keep traceability across different TYNDP editions, all projects added in TYNDP 2022 are kept by default in TYNDP 2024. However, it could be the case that some projects added for previous TYNDP editions might not be relevant anymore for various reasons, for example because it has been cancelled or was created by mistake.

If a project is no longer relevant, the project promoter shall indicate it by clicking on the box on top of the form (see figure 10).
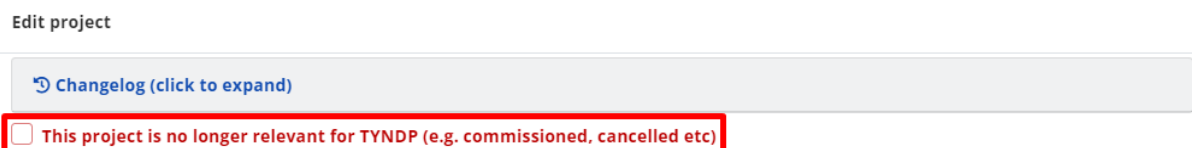

Figure 10. Click on the box if a project is no longer applicable.

Project description and context

Administrative criteria

Project promotors shall indicate the required information as per the TYNDP 2024 Guidance for Promotors.

Technical criteria

As in the case of administrative criteria, project promotors can use the TYNDP 2024 Guidance as reference.

Promoters of storage projects shall indicate the corresponding storage technology (see Figure 11). This will affect the fields directly underneath.
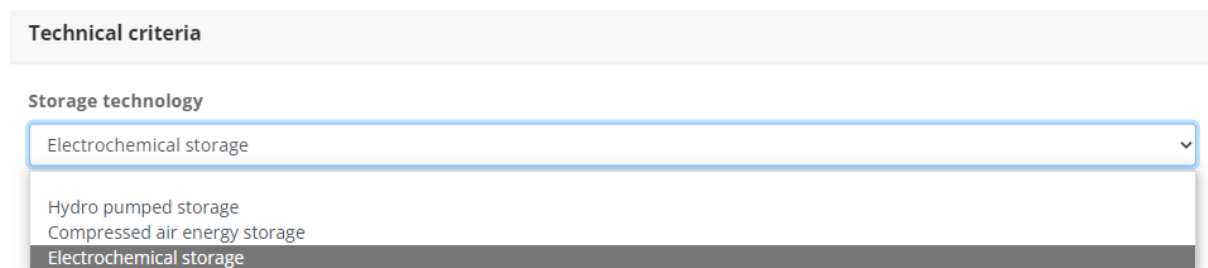

Figure 11. Storage technology options in TYNDP Projects Platform.

Project map

Project promoters must draw a map indicating the location of the project. This will be visible in the project sheet.

To add a map, select "click to hide/show the map" and draw the corresponding project making use of the left-side panel.

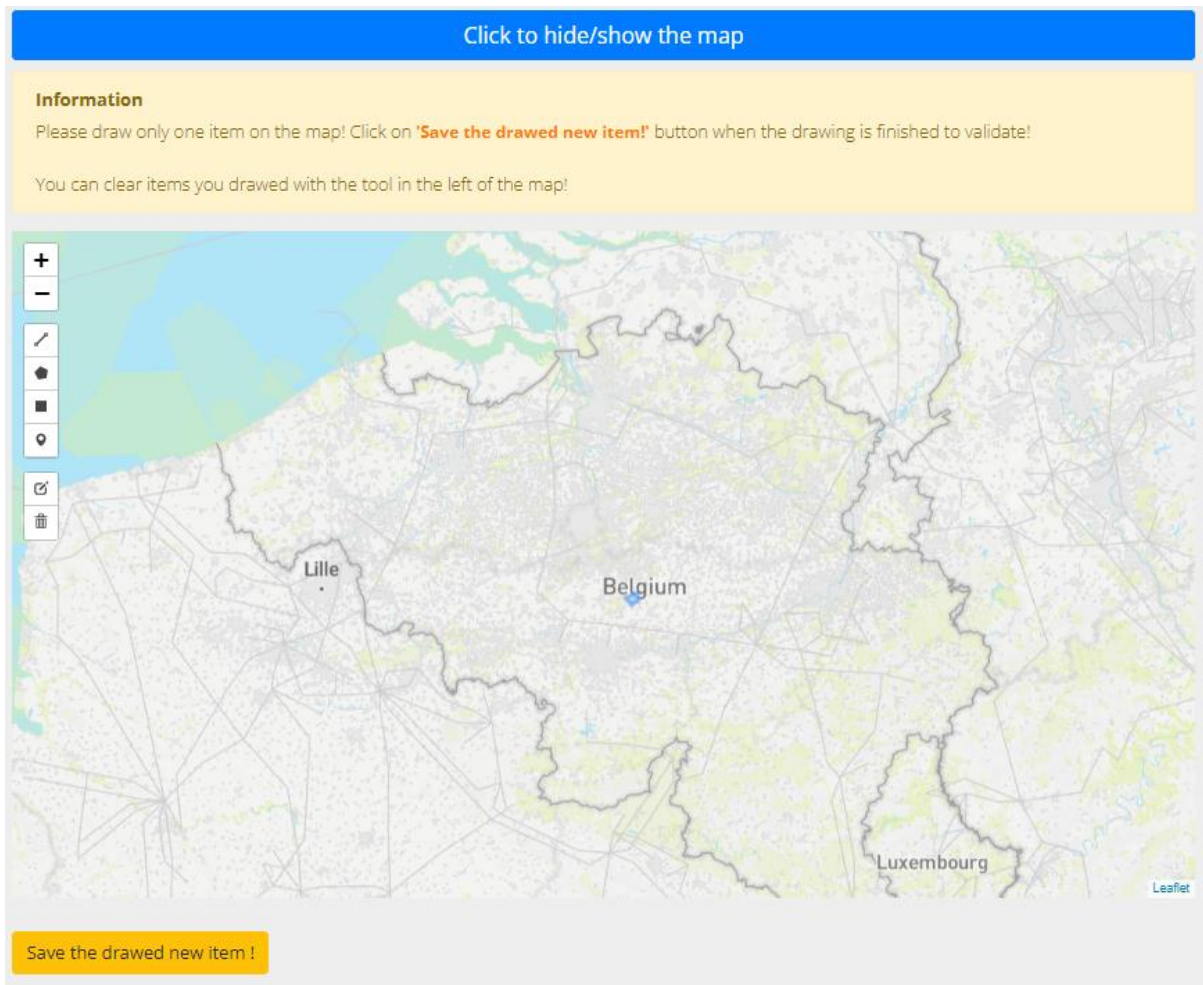Remember to click on "Save the drawn item", otherwise the map will be lost.

Figure 12. Adding a map to a storage project.

7. Points for attention when editing a transmission project

Overview

Layout

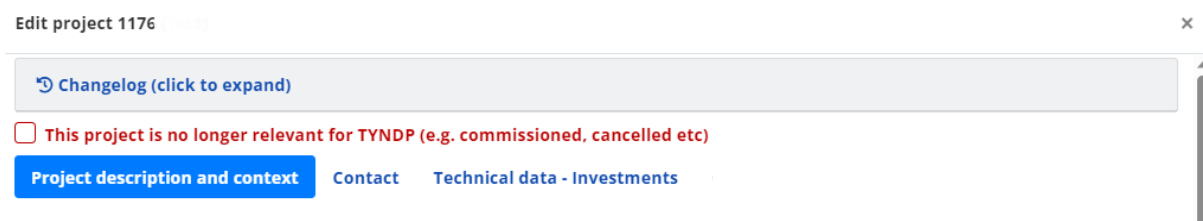When adding or editing a project, all fields of the TYNDP Projects Platform are aggregated under different tabs.

Figure 13. TYNDP Projects Platform tabs to add information.

Filling-in the fields – Save and continue later

Users have the flexibility to save a project at any time, even if required fields have not been filled in, and return to it at their convenience (always within the submission window).

Indicate when a project is no longer relevant for TYNDP

To keep traceability across different TYNDP editions, all projects added in TYNDP 2022 are kept by default in TYNDP 2024. However, it could be the case that some projects created for previous TYNDP editions might not be relevant anymore for various reasons, for example because it has been cancelled or was created by mistake.

If a project is no longer relevant, the project promotor should indicate it by clicking in the box on top of the form (see figure 14).
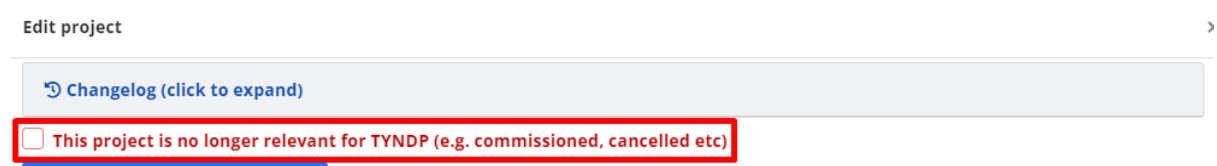

Figure 14. Click on the box if a project is no longer relevant

Project description and context – Impact on dNTC

How to indicate borders

Project promoters shall indicate all borders impacted by a transmission project. To do so, users shall click on "Add border" (see Figure 8). As shown on Figure 9, using the example of a French project promoter, users shall indicate, per row (i.e., per border), "Country A – Country B" connection and the transmission capacity increase in MW resulting from commissioning the project in each direction (i.e., from Country A to Country B and from Country B to Country A). If the project has a dNTC impact on more than one border, users can add additional borders by clicking again on "Add border".

Figure 15. Click on "Add border" to visualise the corresponding fields.

Transfer capacity increase provided by promoter(s) (in MW)

Border (e.g. France-Belgium)	A → B	B → A	
France-Belgium	1200	1200	🗑 Remove
France-Italy	1400	1400	🗑 Remove
Add border			

Figure 16. Example of cross-border connections.

Costs indication

Costs under "Project description and context" are automatically computed when filling in the costs of each investment.

Technical data – Investments

Transmission projects may include one or more investments - Adding a new investment

To add an investment, click on the button "Add a new investment" as indicated in Figure 17.

Add new project ✕

Project description and context   Contact   **Technical data - Investments**

Information
Mandatory fields are marked in red

Reason for investment clustering

[+ Add a new investment]

Click to hide/show the map

[Save] [Cancel]

Figure 17. Adding a new investment

Figure 18. Click on "New investment" to edit the corresponding fields.

After clicking on "Add a new investment", users shall click on ": New investment" to start editing the required fields. This draft name will be automatically changed when adding an investment name.

Investment details

The first set of fields is aimed at providing some basic details on the investments, such as the evolution with respect to TYNDP 2022 (if it was included), the type of element (transmission line, substation, transformer, etc.) or the specific substations to which it is connected.

Figure 19. Investment details

Type of element (aligned with ACER PCI monitoring classification)

Reactive compensation device

Mvar (for reactive compensation devices)

From substation 1

If the investment is not a line or cable, you may enter the same substation name under Substation 1 and Substation 2

To substation 2

Figure 20. Additional field for reactive compensation devices.

Project network modelling data

Required modelling data depends on the specific technology. When expanding the dropdown list (see Figure 21), users are prompted with two options: AC or DC . *Fields underneath 'technology' will differ according to the technology selected.*

Project network modeling data

Technology

AC
DC

Figure 21. Technology options under "Project network modelling data".

Investment maps

Project promoters must draw the location of each investment of the project on the online map. Users can add a map for each investment at the end of "Technical data - Investments" by clicking on "Click to hide/show the map". It is important to note that the investment shall be already saved before adding the map, as indicated in Figure 22. In case the investment has not been saved, click on "save" and reopen the project. The map should be visible now.

Click to hide/show the map

Submit project   Freeze project   Save   Cancel

Figure 22. To add an investment map, the project shall be already saved.

Maps are added per investment. Thus, only one item is allowed per specific map. To view the map combining all investments of the project, promoters can use the projects sheets preview functionality.
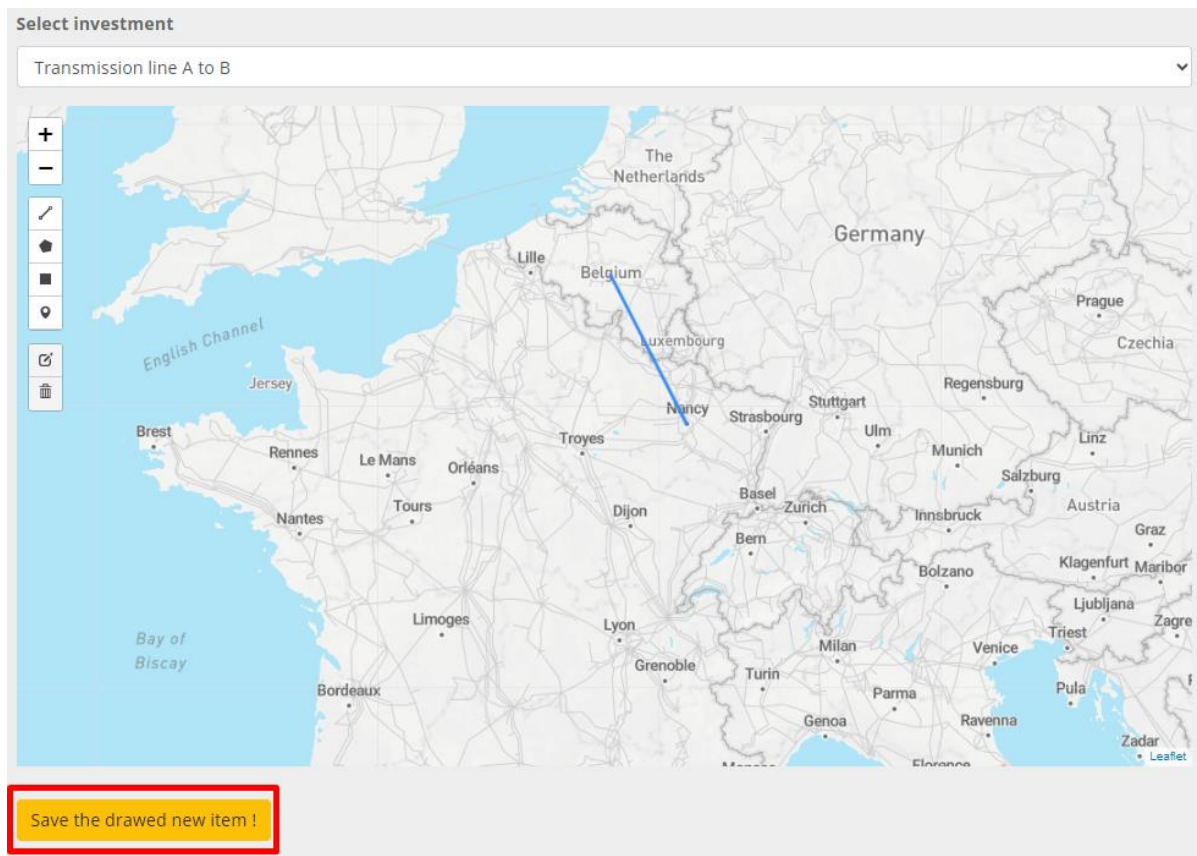
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Figure 23. Drawing an investment map.

After finishing the drawn item, remember to save the item (not only the project). Otherwise, the map item will be lost.

8. List of acronyms and abbreviations used in the TYNDP 2024 Projects platform

Abbreviation	Meaning
ACER	Agency for the Cooperation of Energy Regulators
CAPEX	Capital Expenditure
CBA	Cost-Benefit Analysis
DE	Distributed Energy (TYNDP Scenario)
ENTSO-E	European Network of Transmission System Operators for Electricity
EU	European Union
GA	Global Ambition (TYNDP Scenario)
kV	Kilowatt
MVA	Megavolt amperes
Mvar	Megavoltamperes reactive (reactive power)

MW	Megawatt
MWh	Megawatt/hour
NRA	National Regulatory Authority
NT	National Trends (TYNDP Scenario)
OPEX	Operational Expenditure
P2H	Power to heat
PCI	Project of Common Interest
PMI	Project of Mutual Interest
RES	Renewable Energy Source
SEW	Socio Economic welfare
SPOC	Single Point of Contact
TSO	Transmission System Operator
TYNDP	Ten-Year Network Development Plan