TYNDP 2020

Webinar on Project Collection

Rares Mitrache

System Development
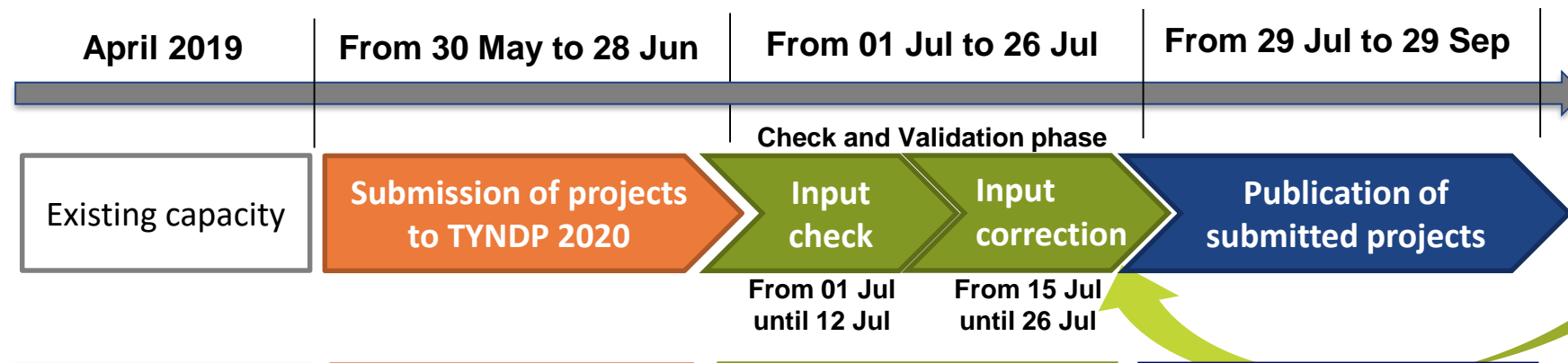
Image Courtesy of Thyssengas

TYNDP 2020 & Project Collection Timeline

TYNDP 2020 timeline

The timeline does not include all possible WSs/Webinars/Consultations will be organised

entsog

DEC '18   JUL '19   NOV '19   JAN '20   MAR '20   MAY '20   JUL '20   DEC '20

ENTSO-E and ENTSOG joint Scenario Development

PID

TYNDP 2020 Practical Implementation Document

Existing Capacity   Project collect.

Promoters to submit their projects to TYNDP and submissions to be verified against TYNDP PID

TYNDP Assumptions WS

System & needs assessment

ENTSOG to identify EU-wide infrastructure gaps

Projects assessment

Project-Specific CBA (for intended PCI applicants)

PS-CBA Fiches

★ Draft Report

★ Final Report

○ Public workshop, webinar, SJWS or Prime Mover WS

○ Submission to ACER

Public consultation

Draft TYNDP report

Draft TYNDP reporting EU-wide infrastructure gaps

Final TYNDP report

Final report

2018   2019   2020

2

3

Timeline for Project Collection Process

As per TYNDP 2018, ACER and NRAs to be provided with projects data for further check after Collection Closure

April 2019	From 30 May to 28 Jun	From 01 Jul to 26 Jul	From 29 Jul to 29 Sep

Check and Validation phase

Existing capacity	Submission of projects to TYNDP 2020	Input check	Input correction	Publication of submitted projects

From 01 Jul until 12 Jul | From 15 Jul until 26 Jul

> Collected by ENTSOG

> Based on TSO, GLE and GSE figures

> Based on TYNDP 2020 PID*

> Using ENTSOG Project Portal

> ENTSOG handbook for promoters + webinars

> Submission of projects closes **on 28th June**

Input check phase:

> ENTSOG to check compliance with TYNDP Guidelines

> ENTSOG & Promoters to check submitted information

> Promoters-ENTSOG interaction

> Based on TYNDP 2020 PID*

> Submitted projects published on ENTSOG website

* Practical Implementation Document for developing TYNDP 2020.

General principles and criteria for project submission

Project submission: general principles

> Promoters have to submit their projects **via the online web-portal** (ENTSOG Project Portal).

> For projects already submitted to previous TYNDP, questionnaires will already **include latest version of project data**

> Missing to fill **mandatory information** will prevent promoters to submit their projects

> Project promoters only have access to their data and eventually data that concern their network (adjacent capacity increments)

> **Project information cannot be updated** after closure of the Project Portal

Preliminary actions for project submission

> In order for a project to be submitted for TYNDP 2020, the promoter needs to have credentials to access the online project portal.

  Action: send a request e-mail to ENTSOG indicating the Promoter's name and the user name

> In case a promoter intends to submit a project for TYNDP for the first time it needs to register;

  Action: fill in "**Promoter"** Request Form and send it to ENTSOG

> In case a project brings an incremental capacity to an Interconnection point which is not included in the ENTSOG modelling system, this new IP has to be created;

  Action: fill in the **"Point Creation"** Request Form

> Likewise, in case a project is supposed to be operated by a new operator, such operator should be registered in the ENTSOG system;

  Action: fill in "**Operator Creation"** Request form

> **All filled forms need to be sent to ENTSOG**

> **Detailed Information available in the Project Submission Handbook for TYNDP 2020 (section 12). The forms are available [here](.).**

TYNDP Guidelines criteria 1/2

> As it was the case for the previous TYNDP edition, projects will be assessed against criteria for their inclusion in TYNDP 2020

> The document which sets the criteria is the **Project Implementation Document for TYNDP 2020** which is based on EC Recommendation of 24 July 2018, "on Guidelines on equal treatment and transparency criteria to be applied by ENTSO-E and ENTSOG when developing their TYNDPs …"

> **Administrative criteria**
  - Company existence
  - Financial strength
  - Technical expertise
  - One project alternative criteria

> **Technical criteria**
  - Technical description
  - Location
  - Project data

TYNDP Guidelines criteria 2/2

The questions in the portal are related to Administrative and Technical criteria as defined in PID

Administrative criteria

> In the Project Portal submission templates promoters will be asked to
- indicate the <u>project category</u> they fall in (e.g. A1; B1; etc.)
- select all the <u>administrative *pass-fail criteria*</u> and attach concerned documentation
- indicate which <u>administrative *alternative criteria*</u> they comply with and attach the concerned documentation when required

> This information will be used by ENTSOG to check promoters compliance with Administrative Criteria

Technical criteria

> information to be provided through ENTSOG Project Portal: technical description; indicative location (map); project data.

Criteria to be fulfilled depend on the type of project and type of promoter !!!

Data in TYNDP

Project status in TYNDP

> Depending on their level of maturity, projects are categorized along different status;

> Each project status is directly derived from the information provided by its promoter, as follows:

- **FID status** for a project that has taken the final investment decision ahead of TYNDP project collection.

- **Advanced status** is applied to all projects that have:

  o commissioning year expected at the latest by 31st December 2025, and

  o whose permitting phase has started ahead of the TYNDP project data collection

OR

  o FEED has started (or the project has been selected for receiving CEF grants for FEED) ahead of the TYNDP project data collection.

- **Less-Advanced status:** all remaining projects.

How does data submission translate into project assessment

> The minimum information to enable the assessment of the Project are :

- Interconnection Point (existing or new); Capacities; Commissioning Date; FID or ADVANCED status;

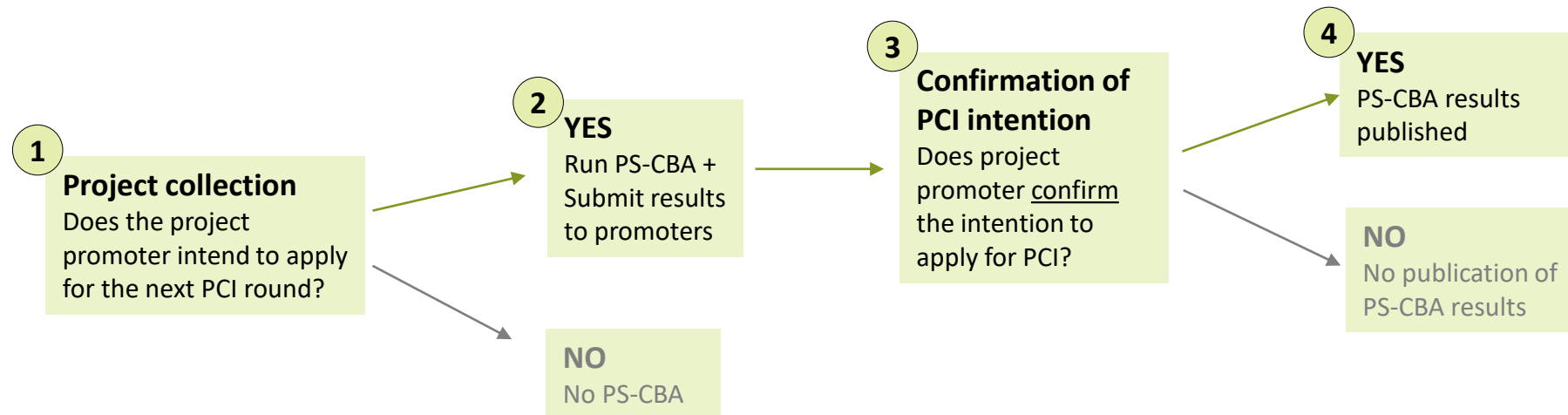> The "**lesser-of-rule**" will be applied on the capacities submitted by promoters

Point X between country B and C

25 from 2023

Mismatch
50   25

Submission 1
Promoter B
From 2021   entry   exit   Submission 2
Promoter C
From 2023

exit   entry

40   35
Mismatch

35 from 2023
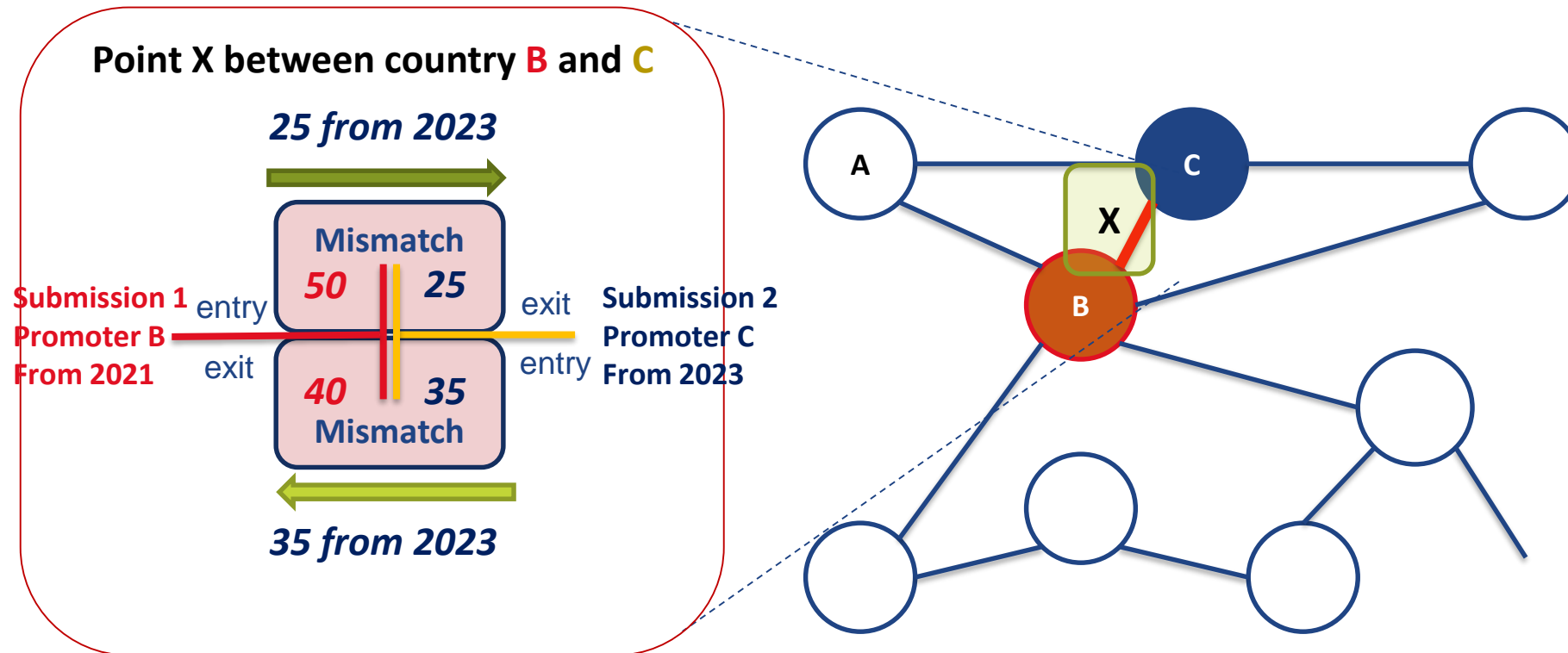
Grouping at PRJ level

> Often, a number of functionally-related project items need to be implemented for their benefit(s) to materialize

> Promoters submitting the following category of projects are asked to indicate whether their submission is part of one common "functional project":

- Interconnector of two (or more) countries
- LNG terminal and connecting pipe
- Underground storage and connecting pipe
- Energy transition projects consisting and connecting pipe

```
                    ┌─────────────────────┐
                    │     PRJ-G_XXX       │
                    │                     │
                    │       e.g.          │
                    │  interconnector A-B │
                    └──────────┬──────────┘
              ┌────────────────┴────────────────┐
       ┌──────┴──────┐                    ┌──────┴──────┐
       │ Promoter A  │                    │ Promoter B  │
       └──────┬──────┘                    └──────┬──────┘
        ┌─────┴─────┐                            │
 ┌──────┴──────┐ ┌──┴────────────┐      ┌────────┴────────┐
 │ TRA-N-111   │ │  TRA-N-222    │      │   TRA-N-333     │
 │  Internal   │ │ Increase of   │      │  Increase of    │
 │Reinforcements│ │  exit         │      │  exit           │
 │             │ │ capacity at   │      │  capacity at    │
 │             │ │ the border A  │      │  the border B   │
 └─────────────┘ └───────────────┘      └─────────────────┘
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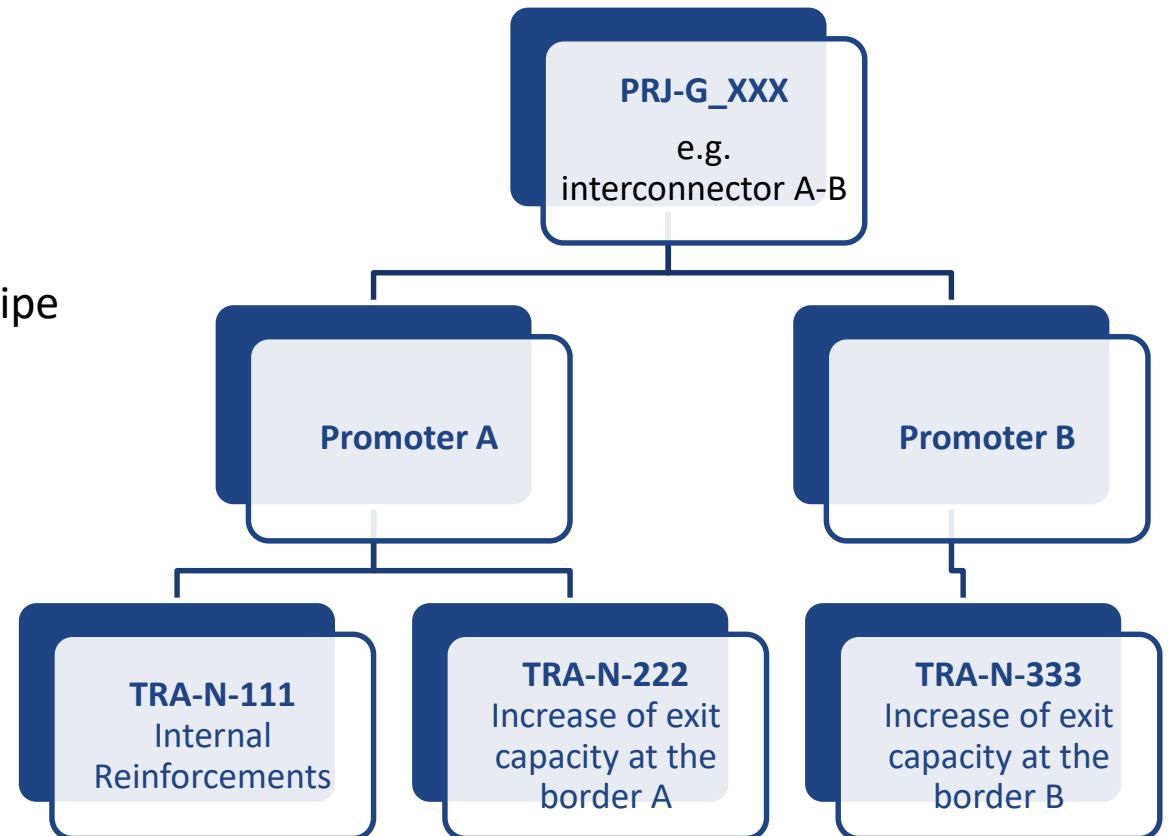
Project-specific assessment (PS-CBA) process in TYNDP 2020

> ENTSOG CBA Methodology 2.0 indicates inclusion of the **project-specific assessment (PS-CBA) in TYNDP** and **publication of results in the TYNDP Report**

1 Project collection
Does the project promoter intend to apply for the next PCI round?

2 YES
Run PS-CBA + Submit results to promoters

NO
No PS-CBA

3 Confirmation of PCI intention
Does project promoter confirm the intention to apply for PCI?

4 YES
PS-CBA results published

NO
No publication of PS-CBA results

! PS-CBA will be run only on projects for which promoters have stated the intention to apply to PCI in point **1**

Cost information

Cost information refer to planned CAPEX, OPEX and cost ranges (+/- %)

For TYNDP 2020

> promoters` costs submission will be **mandatory**

> costs will be published **unless declared confidential** by promoters but...

> ... for promoters **intending to apply to PCI** **ALTERNATIVE cost estimates will be published in the TYNDP** to ensure <u>transparency and level-playing field</u>

- The ALTERNATIVE cost should be provided by the promoter as part of the project collection.

- In case of TYNDP 2018 projects which had ALTERNATIVE costs (estimated by ENTSOG or provided by the promoter), and are resubmitted for TYNDP 2020, Promoters have the opportunity to select for TYNDP 2020 the alternative costs from TYNDP 2018.

New in TYNDP 2020: Energy Transition Projects (ETR)

New project category: Energy transition projects (ETR)

> Considering the recent EU trends in view of EU decarbonization following the Paris Agreement and the EU decarbonization targets, ENTSOG takes a step forward and opens TYNDP 2020 for submission of **Energy Transition projects** (ETR).

How do we define an ETR for the purpose of TYNDP 2020?

> *… a project which facilitates the integration of renewables, the achievement of decarbonisation and efficiency targets, reduction of other air pollutants, sector coupling initiatives and, more generally, all projects specifically aiming at the energy system transformation for reaching sustainability goals and not already included in the existing project categories (TRA, LNG, UGS).*

Type of Energy Transition projects

> Energy transition projects envisaged for TYNDP 2020 collection include, but are not limited to, the following types of projects:

- Power to Gas intended for the production of hydrogen and synthetic methane;

- Biomethane production plants;

- Hydrogen production following steam methane reforming or similar processes;

- Reverse flow projects between DSO and TSO in order to facilitate flows of renewable/decarbonized gases;

- Upgrading of gas transmission grid to receive gas/hydrogen blend or pure hydrogen;

- Carbon Capture and Storage - CCS and/or related CO_2 transport being national or cross-border;

- Carbon Capture and Use - CCU and/or related CO_2 transport being national or cross-border.

Submission of Energy Transition projects (1/2)

How to submit an ETR project for TYNDP 2020?

> promoters of energy transition projects (except projects related to CCS/CCU) are asked to submit both the interconnection/reverse flow and the enabled supply as a virtual project aggregating more facilities. In case of capacities submitted for an IP, the "Lesser-of-rule" will be applied as for the other type of projects.

Energy Transition project (virtual)

exit   entry

IP

Lesser-of-Rule (LoR) to be applied

Transmission Project (virtual)

The project might represent an aggregation of several conversion facilities

Aggregation of several connection of the conversion facility to the transmission system
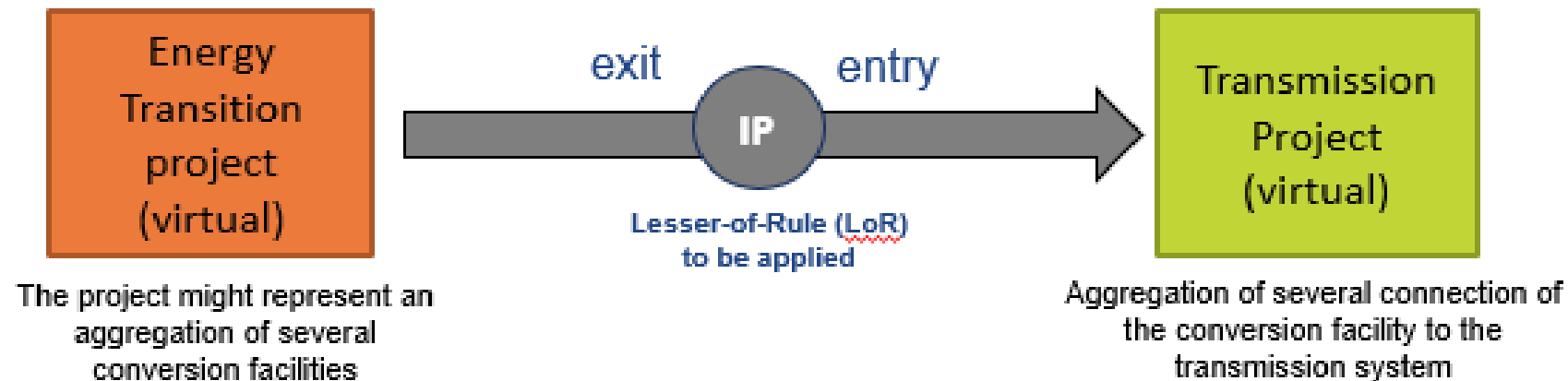
Submission of Energy Transition projects (2/2)
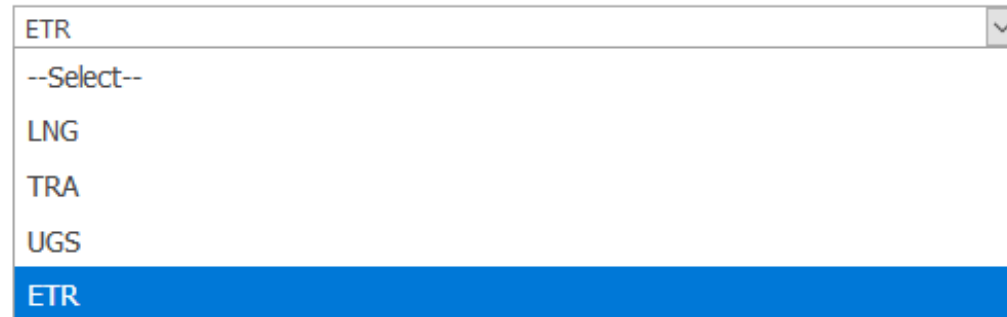
Once in the project portal:

> Select ETR label under question [007] Infrastructure type;

> Specific questions for this category will be displayed;

> Fill in the required fields.

```
[007]- Infrastructure Type

[008]- Is the project a virtual submission of more projects

[009]- Project Description
```

```
ETR                          ▼
--Select--
LNG
TRA
UGS
ETR
```

> **Project submission handbook (section 8.1) provides the detailed information on:**
  - **Who is responsible for the Point Creation request;**
  - **Who submits what part of the project;**
  - **Examples of how to split ETR projects**

Supporting Document for the Project Collection process

Supporting Documents 1/2

ENTSOG developed a DOCUMENTATION KIT to support PROMOTERS in the project submission process:

> 'ENTSOG Practical implementation document (PID) for developing the 10-year network development plan (TYNDP) 2020'

> ENTSOG Project Submission Handbook and its annexes

- Annex I: Project Collection Questionnaire explained

- Annex II: IP rules

- Annex III: Capacity calculation and TYNDP assessment

- Annex IV: Map Positioning Template

> ENTSOG Data Portal Glossary and Definitions

Supporting Documents 2/2

> Monitoring activities

> Validation rules

> Request Forms:

- Operator Creation Form

- Point Creation Form

- Promoter Creation Form

> All documents are available on ENTSOG website under the section Scenarios and Infrastructure/ TYNDP / TYNDP 2020 / Project Collection TYNDP 2020 (link: https://www.entsog.eu/tyndp#entsog-ten-year-network-development-plan-2020)
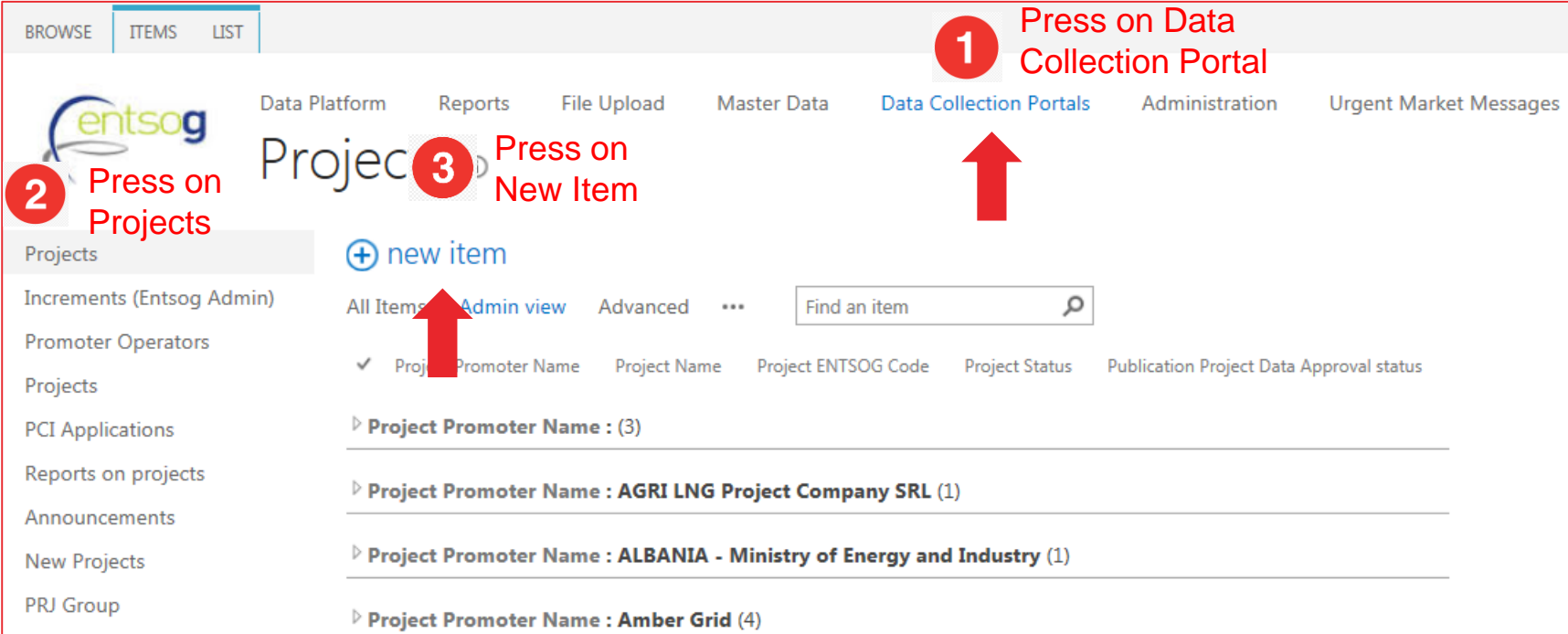
Project Collection template

How to access the Project Submission template

> Access https://data.entsog.eu/DataCollectionPortals and provide your login credentials

> To **create a NEW project submission** follow the steps 1 to 3 below;

> Start filling the form in line with the Project Submission Handbook.

Accessing an existing project

> Access https://data.entsog.eu/DataCollectionPortals and provide your login credentials;

> To **update an EXISTING project** follow the steps 1 to 4 below;

> Start updating the project in line with the Project Submission Handbook.

4 Press on Items -> Edit item

1 Press on Data Collection Portal

2 Press on Projects

3 Select the project to be updated

# Project portal: new features

Navigation pan

ENTSOG Publication
General Information
Administrative Criteria
Inclusion in NDP
Enabled Projects
Project Shareholders
Project of Common Interest(PCI)
Variant for Modelling
Increments in Entry/Exit Capacity
Technical Information
Gasification
CBCA and Financial Assistance
Project Schedule
Benefits
Gas Sourcing
Third Party Access Regime
Intergovernmental Agreement
Barriers in Implementation
ENTSOG TYNDP Legal Notice
PCI Process Legal Notice
MAP
Upload Document

PRINT   Export to Word

Print & Export to Word functions

SAVE   SAVE AND CLOSE   SAVE AND SUBMIT

Save function

0/300
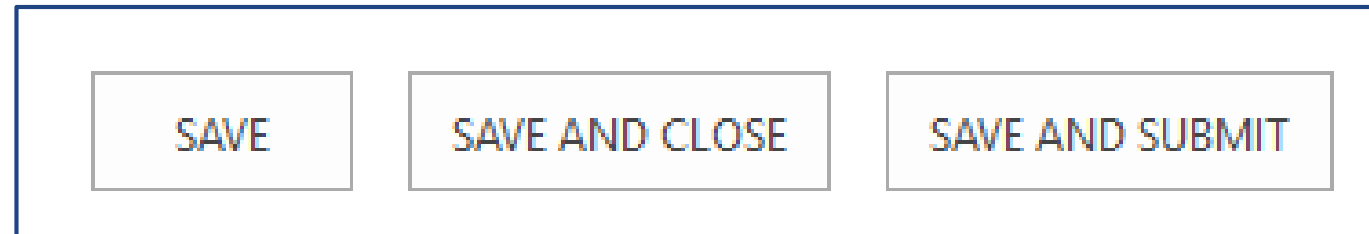
Word counter for free text boxes

[028]- Phone number of your representative in charge of the Project submission

[029]- Project Website

[030]- General Remarks

Numbering of questions

Conclusion

> *Project collection will start on <u>30 May 2019</u>*

> *Projects can be submitted until <u>28 June 2019</u>*

> *Submissions to be done via ENTSOG Project Portal*

>> Detailed <u>Documentation Kit</u> already available to support promoters' project submission

> *ENTSOG will screen projects compliance with Administrative and Technical criteria vs TYNDP Project Guidelines*

> *New category of project to be collected for TYNDP 2020: ETR*

> *ENTSOG will carry out in the TYNDP process also the PS-CBA for projects intending to apply for PCI (incl. project grouping)*

Thank You for Your Attention

ENTSOG -- European Network of Transmission System Operators for Gas
Avenue de Cortenbergh 100, B-1000 Brussels

EML: Celine.heidrecheid@entsog.eu
WWW: www.entsog.eu