

Picture courtesy of Gas Connect Austria

ENTSOG TP Developments 2020

14th ENTSOG Transparency Workshop 2020

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New Features on TP

Updated TP documentation

Download per point type

Booking platform info is
included in Transport data

Direct URLs for UMM sections
and individual UMMs

New personalised login

TP Archive and Announcement
section

Interruption calculation
indicator

Updated default tariff
visualisation

Updated TP User manual

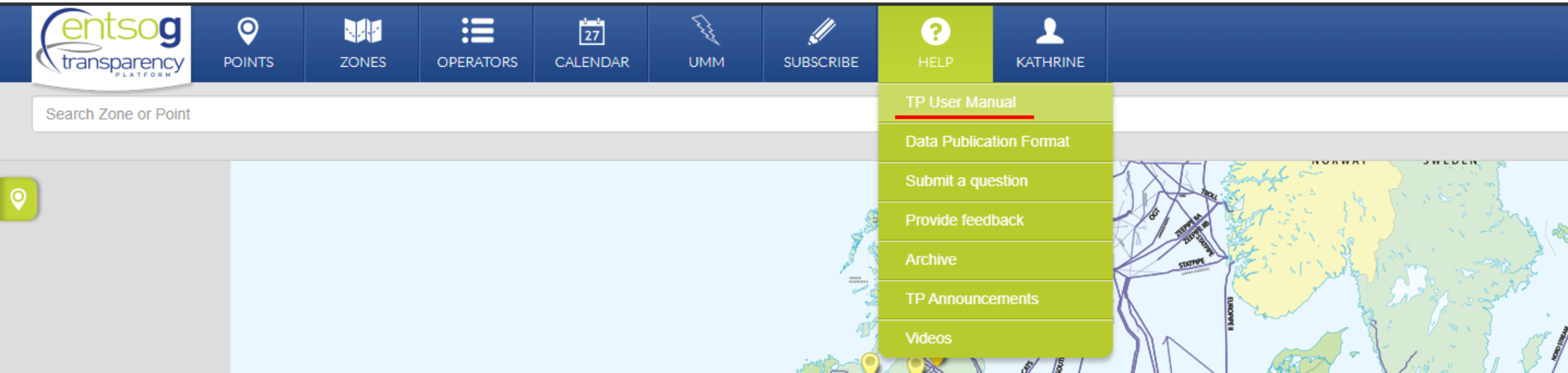
New sections on data publication descriptions for Transport Data and Inside Information

Added due to questions from users, publication requirements are added as additional chapters in TP User Manual to explain on what premise TSOs are publishing data on TP:

- 3.5.4 UMMs related publication requirements
- 7.4 Transport related publication requirements
- 7.5 Tariff related publication requirements

User Manual available from the link:

https://transparency.entsog.eu/pdf/ENTSOG-TP-User-Manual_v_4.5.pdf



Download per point type

Implementation of user suggestions

- to add download data “per point type”

The screenshot displays a web application interface with a top navigation bar containing icons for 'ENDAR', 'UMM', 'SUBSCRIBE', 'HELP', and 'VIKTORIA'. Below this, a red banner is visible. The main content area features a tabbed interface with 'data', 'Point information', and 'Export wizard' (the active tab). The 'Export wizard' panel includes an 'Export options' section with the following settings:

- Recently Viewed Items:** ☒
- All points:** ☐
- All CAM-Relevant points:** ☐
- Points type:** A dropdown menu is open, showing a list of point types. The first option, 'All point types', is highlighted in blue. Other options include 'Aggregated Point - Final Consumers', 'Aggregated Production Point', 'Cross-Border Storage IP within EU', 'Cross-Border Transmission IP between EU and Non-EU', 'Cross-Border Transmission IP between EU and Non-EU (import)', 'Cross-Border Transmission IP within EU', 'Distribution Point', 'LNG Entry Point', 'Storage Point', 'Trading Point', and 'Transmission Point'.
- All points from:**
- Booking platform:**
- Source:** A dropdown menu set to 'Transport Data Indicators'.
- Favorites group:** A dropdown menu set to 'Select a favorite'.
- Format:** A dropdown menu set to 'xlsx'.

Below the 'Export options' section is the 'Export infos' section, which includes 'Elapsed Time (s)' and 'Export State', both with '-' indicators. At the bottom, there are two buttons: 'Export' and 'Copy API Call'.

Booking platform info in Transport data

Implementation of user suggestions

- to add Booking Platforms data for cross references and enable download per Booking Platform

data Point information Export wizard

Export options

Recently Viewed Items ☒

All points ☐

All CAM-Relevant points ☐

Points type All point types ▼

All points from All operators ▼

Booking platform

- All
- PRISMA
- GSA
- RBP

Source Transport Data Indicators ▼

Favorites group Select a favorite ▼

Preferences

Periodization

Choose Periodization ▼

☐ Use TP Default

Current Timezone

Choose Current Timezone ▼

☐ Use TP Default

By Period

By Formula

☐ Use TP Default

From Gas Day

To Gas Day

From Gas Day

27

To Gas Day

27

Default Landing Page

Choose Default Page ▼

☐ Use TP Default

Submit

New personalised login



Periodization

- related to the variable capacity indicators

Current Timezone

- CET by default

Period

- Transport data D-30days
- By Formula +/-

Fixed default set up

- Tariff data D+365days
- UMMs D+30days

Default Landing Page

- layout you start with

Miss Favorites section ?

Set up your Preferences 😊

Use the API calls 😊

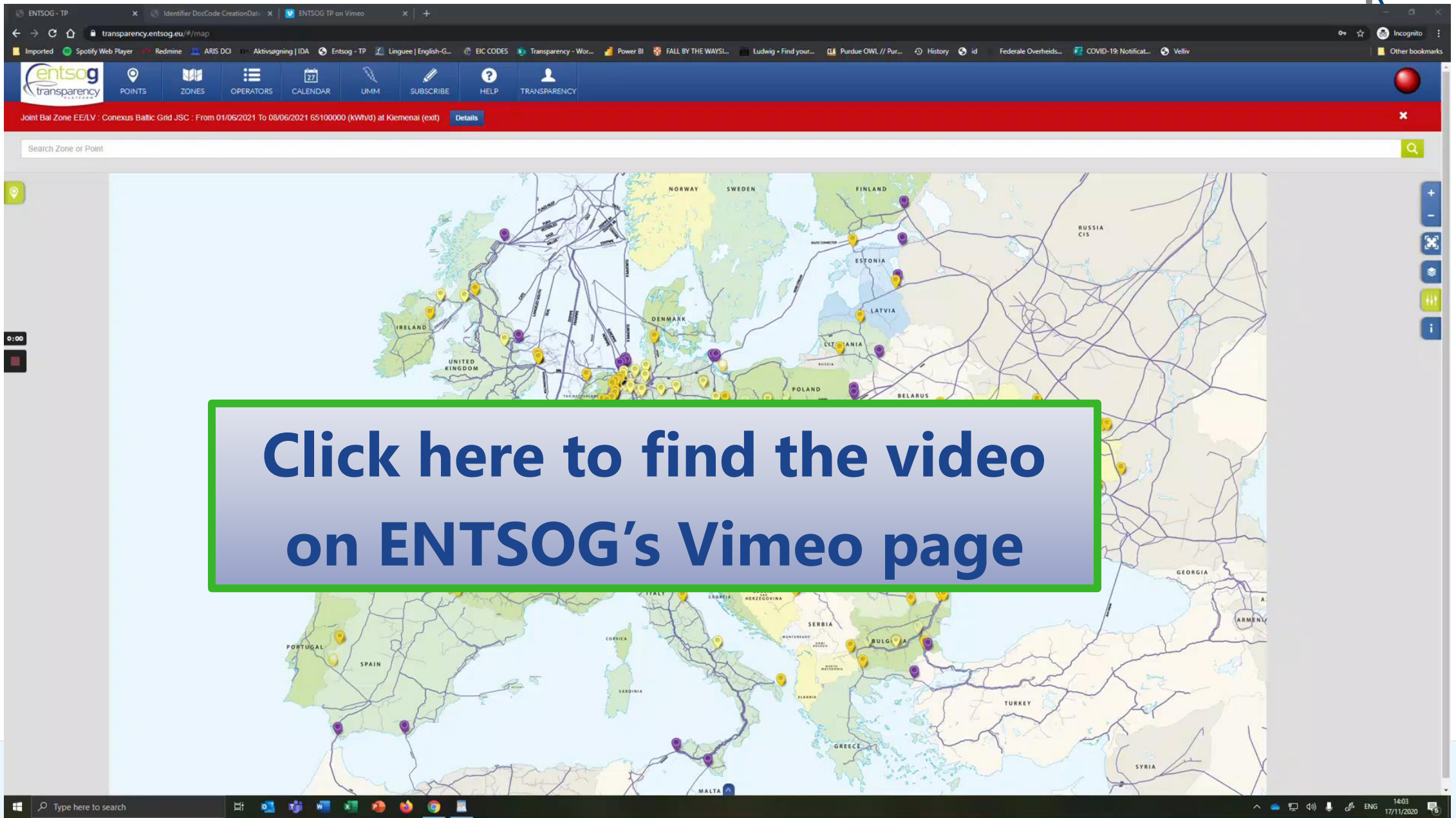
Indicators

- Physical flows by default
- Nomination/Renominations for Zones
- No indicators faster way to start and not to wait for default upload

Indicators ⓘ

- ☐ NO INDICATORS
- ☐ NOMINATION / RENOMINATION ⓘ
- ☐ ALLOCATION
- ☐ PHYSICAL FLOW
- ☐ NOMINATION
- ☐ RENOMINATION
- ☐ GCV
- ☐ WOBBE INDEX
- ▶ CAPACITY
- ▶ INTERRUPTION

How to create API calls



The screenshot shows the ENTSOE Transparency website's map interface. The browser's address bar displays 'transparency.entsog.eu/#/map'. The website's navigation bar includes links for POINTS, ZONES, OPERATORS, CALENDAR, UMM, SUBSCRIBE, HELP, and TRANSPARENCY. A red banner at the top of the map area contains the text 'Joint Bal Zone EE/LV : Conexus Baltic Grid JSC : From 01/06/2021 To 08/06/2021 65100000 (kWh/d) at Kiemenal (exit)' with a 'Details' button. Below this is a search bar labeled 'Search Zone or Point'. The map itself shows Europe with numerous yellow and purple location pins and a network of lines representing power grids. A large, semi-transparent blue box with a green border is overlaid on the map, containing the text 'Click here to find the video on ENTSOE's Vimeo page'. The Windows taskbar is visible at the bottom of the screen.

**Click here to find the video
on ENTSOE's Vimeo page**

The screenshot shows the entso-g transparency platform interface. The top navigation bar includes links for POINTS, ZONES, OPERATORS, CALENDAR, UMM, SUBSCRIBE, HELP, and VIKTORIA. The UMM link is highlighted, and a dropdown menu shows 'Unavailabilities of gas facilities' and 'Other Market Information'. Below the navigation bar, there is a search bar labeled 'Search Zone or Point'. The main content area shows a table with columns for UMM ID, Version number, Is latest version, MP name, MP EIC, Balancing zone EIC, Event start, Event stop, Event status, Type of unavailability, Type of event, Reason for unavailability, Point name, Point direction, and Unit of measurement.

Direct URLs for UMM sections and individual UMMs

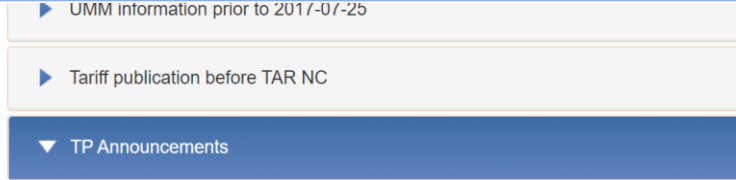
Requests from TSO users, to facilitate the reference to the published information on ENTSG TP, implemented through unique UMM ID

- Unavailability of gas facilities
- Other Market information

Individual pages enables unique links to Operators or individual UMMs, e.g.

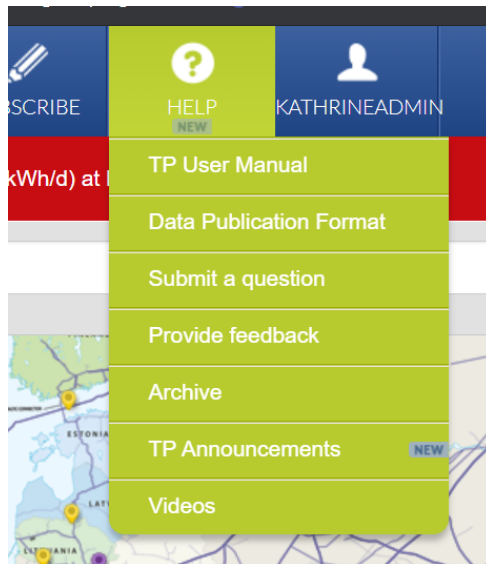
<https://transparency.entso-g.eu/#/umm/othermarketinformation?ummids=19052321x-de-g-a0a0a-u001>

https://transparency.entso-g.eu/#/umm/unavailabilitiesgasfacilities?ummids=20072021X0000000001379R007_001



TP Archive and Announcement section

- Once a new announcement is published on the TP, a news icon will flash on the TP for 60 seconds
- This will continue for 7 days – every time the user visits the page



Interruption calculation indicator



On the TP / Transport Data at all records $\neq 0$ over the interruption value

Utopia	UTO	21Z123123123123A	exit	- 19/09/2024 00:00	interruption of firm capacity ⓘ	58,917,095 kWh/d ⓘ	06/07/2020 13:23
Utopia	UTO	21Z123123123123A	exit	14/08/2024 06:00 - 16/08/2024 06:00	Planned interruption of firm capacity ⓘ	53,632,095 kWh/d ⓘ	06/07/2020 13:23

The Firm are calculated against the indicator Nomination/Renomination.

In downloads, a new column called “interruptionCalculationRemark” is added

S	T
ImpRelevan	interruptionCalculationRemark
	The Firm interruptions are calculated against the indicator 'Nomination/Renomination'.
	The Firm interruptions are calculated against the indicator 'Nomination/Renomination'.
	The Firm interruptions are calculated against the indicator 'Nomination/Renomination'.

Updated default tariff visualization



The page is currently loading tariffs for the coming 365 days. You can reduce the loading time by amending the From Gas Day and To Gas Day in the righthand side



From Gas Day

2020-10-27



To Gas Day

2021-10-27



☐ PRODUCTS

☒ YEARLY PRODUCTS

☐ QUARTERLY PRODUCTS

☐ MONTHLY PRODUCTS

☐ DAILY PRODUCTS

☐ WITHINDAY PRODUCTS

- Filters added for product types – default is set to Yearly products
- Default time period is D+365 days
- Special loading message added

New TP Satisfaction survey

Updated Satisfaction survey



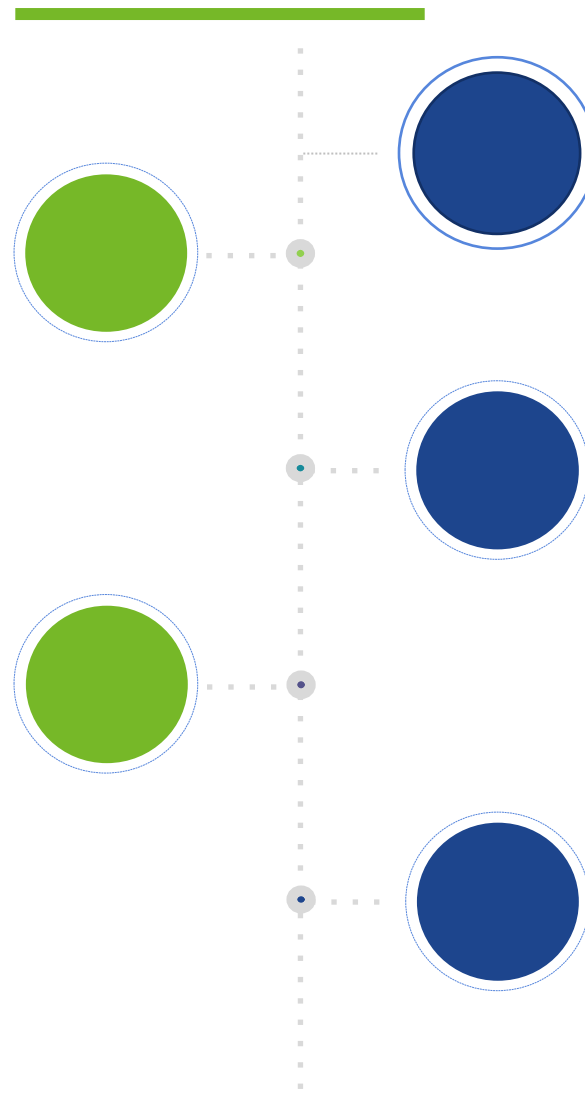
- Purpose: to collect your feedback on the usability of ENTSOG's Transparency Platform (TP)
- Completion takes 3 minutes, 8 questions
- Link: <https://www.surveymonkey.com/r/9YZMPKF>

TP User suggestions

TP user suggestions

Default PeriodTo in the
TP GUI URLs

Add adjacent TSO
information in API calls for
transport data and tariff



Dynamic map with planned and
unplanned interruptions of firm
capacity, displayed the severity of the
interruption via colors

Presentation of tariff
simulations

Add JSON as a
download feature

Considerations

Default PeriodTo in the TP GUI URLs:

- Potentially add PeriodTo in URL by default – waiting for effect of new personalized login

Presentation of tariff simulations:

- Should we offer other units for tariffs EUR/MWh?

Dynamic map with planned and unplanned interruptions of firm capacity, displaying the severity of the interruption via colors:

- In project pipeline, awaiting prioritisation

Add adjacent TSO information in API calls for transport data and tariff:

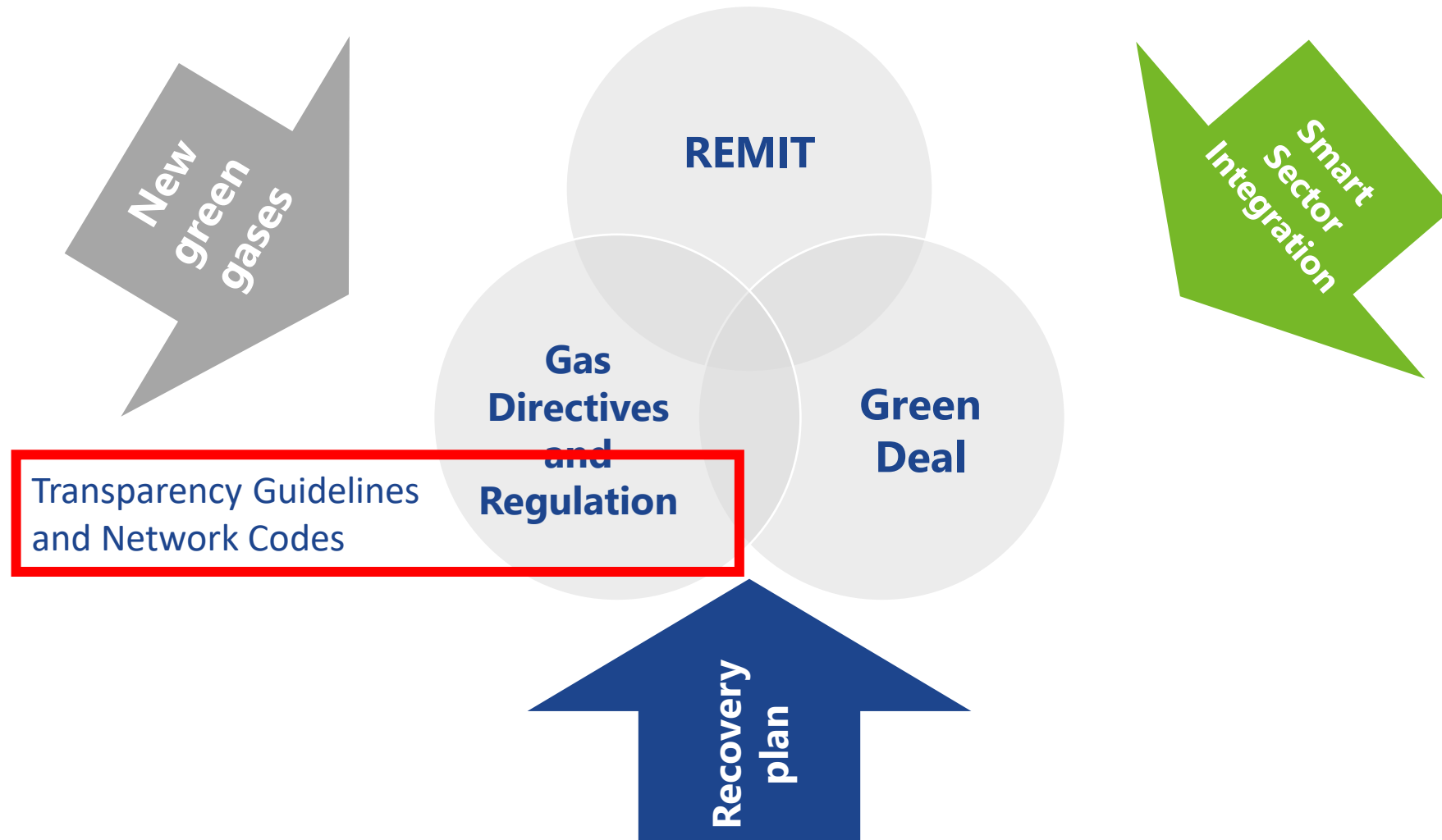
- Currently to be achieved with Point Information data download

Add JSON as a download feature:

- The APIs are already in JSON format

Transparency and green renewable gases

Transparency and green gases



Transparency is part of a bigger setup in relation to obligations

Agenda for Decarbonising Europe's Gas Grids



Markets

Same market principles for all gases including H2

- Open access to grids & neutral TSOs
- EU-wide GOs & certificates linked to ETS
- GHG assessment of all energy carriers

Infrastructure

Delivering EU's Future Gas Networks, including H2

- Include EU H2 backbone in TYNDP 2022 to connect clusters
- ENTSG & ENTSO-E Interlinked Model
- Cross-sectoral infrastructure planning

TSO's role

TSO's as integrators of energy systems

- TSOs as owners & developers of H2 infrastructure
- TSOs as system integrators for molecules & with electrons
- Smart TSO services already supporting clusters

Potential TP impacts considering green gases



ADDITIONAL ENTRIES?
NEW TYPES OF POINTS



PUBLICATION TIMELINE?



GAS QUALITY?
NEW TYPES OF INDICATORS



Thank you for your attention

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