

# **13<sup>th</sup> Transparency Workshop**

## **Update on the TP activities**

**BluePoint Meeting Centre 21 November 2019**

**Kathrine Nygaard Stannov, Subject Manager Transparency**

**Rene Prins, Transparency Adviser**



# Agenda

- > New developments in 2019
- > Planned developments for 2020
- > Feedback from users via TP survey and others



*Questions are welcome during the presentation*



**Developed in 2019**



# Overview



***Developments in 2019 have been focused on improving the user experience***

- > In the TP GUI
- > In the APIs
- > In the Export Wizard
- > In the UMM section

*Overview of developments*

A green L-shaped graphic consisting of two perpendicular bars of equal length.

## 1. Direct download

***Get your data export quickly!***

***Seamless usage of graphical user interface and download functionality***

***Save a lot of clicks!***

*Link to demonstration video [here](#) [1m 46s]*



## 2. COPY API Call from search queries

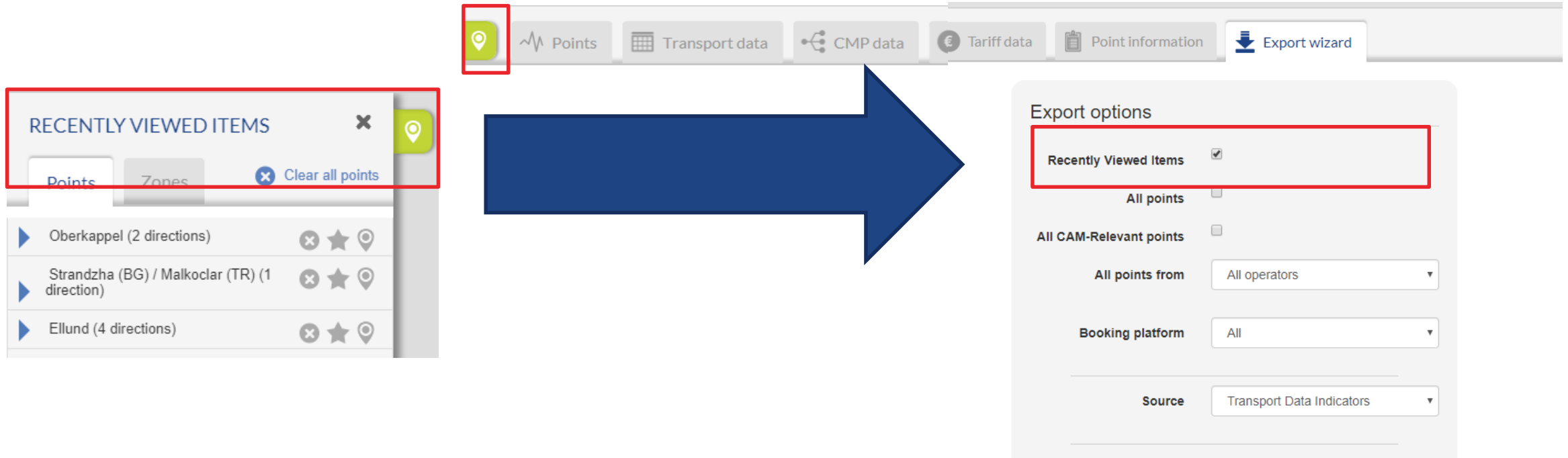
***Make it easy to build and test your API calls***

- > Set the dates right
- > Use the right indicator names
- > Check the time limit
- > Improve the “design” phase of building your APIs

*Link to demonstration video [here](#) [52s]*

### 3. Improved user interface in export wizard

*e.g. Making the use of “Recently Viewed Items” more obvious...*



The diagram illustrates the improved user interface in the export wizard. A large blue arrow points from the 'Recently Viewed Items' sidebar to the 'Export options' panel. Red boxes highlight the location pin icon in the top navigation bar and the 'Recently Viewed Items' checkbox in the export options.

**RECENTLY VIEWED ITEMS**

- Points
- Zones
- Clear all points

Oberkappel (2 directions)

Strandzha (BG) / Malkoclar (TR) (1 direction)

Ellund (4 directions)

**Export options**

Recently Viewed Items ☒

All points ☐

All CAM-Relevant points ☐

All points from All operators

Booking platform All

Source Transport Data Indicators

*Intuitive and clear!*



## 4. Increased visibility of Pipe-in-Pipe situations

**Added (P-in-P)**

Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last date of value update
Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last date of value update
Zevenaar	GTS	21Z000000000072U	exit	17/04/2019 06:00 - 18/04/2019 06:00	Physical Flow	208,103,065.6 kWh/d	●	18/04/2019 14:22
Zevenaar	GTS	21Z000000000072U	exit	16/04/2019 06:00 - 17/04/2019 06:00	Physical Flow	187,685,964.7 kWh/d	●	17/04/2019 14:30
Zevenaar (OGE) (P-in-P)	Open Grid Europe	21Z000000000072U	entry	17/04/2019 06:00 - 18/04/2019 06:00	Physical Flow	208,103,065.556 kWh/d	●	15/05/2019 08:42
Zevenaar (OGE) (P-in-P)	Open Grid Europe	21Z000000000072U	entry	16/04/2019 06:00 - 17/04/2019 06:00	Physical Flow	187,685,964.724 kWh/d	●	15/05/2019 08:42
Zevenaar (Thyssengas) (P-in-P)	Thyssengas	21Z000000000072U	entry	17/04/2019 06:00 - 18/04/2019 06:00	Physical Flow	207,565,674 kWh/d	●	18/04/2019 09:48
Zevenaar (Thyssengas) (P-in-P)	Thyssengas	21Z000000000072U	entry	16/04/2019 06:00 - 17/04/2019 06:00	Physical Flow	187,127,516 kWh/d	●	17/04/2019 09:48

Showing 1 to 6 of 6 entries

**Added Pipe-in-Pipe column**

Point	Operator	TSO Point Identifier	Direction	CAM&CMP	Virtual Reverse Flow	Validity Period	GCV	Maximum GCV	Unit	Conversion Factor	Last update date	Pipe-in-Pipe
Point	Operator	TSO Point Identifier	Direction	CAM&CMP	Virtual Reverse Flow	Validity Period	GCV	Maximum GCV	Unit	Conversion Factor	Last update date	Pipe-in-Pipe
Zevenaar	GTS	21Z000000000072U	exit	CAM CMP	No	15/09/2001 - 31/12/2099	8.890	10.830	kWh/m3(n)	1.000000	16/10/2019 16:10	No
Zevenaar	GTS	21Z000000000072U	exit	CAM CMP	No	15/09/2001 - 31/12/2099	8.890	10.830	kWh/m3(n)	1.000000	16/10/2019 16:10	No
Zevenaar (OGE)	Open Grid Europe	21Z000000000072U	entry	CAM CMP	No	01/10/2007 - 31/12/2099			kWh/Nm³	1.000000	16/10/2019 16:10	Yes
Zevenaar (Thyssengas)	Thyssengas	21Z000000000072U	entry	CAM CMP	No	01/01/1900 - 31/12/2099	10.500		kWh/Nm³	1	16/10/2019 16:10	Yes

Showing 1 to 4 of 4 entries

*Visibility!*



## 5. Improved UMM page

***More filters added to the page for faster access to the information***

- > 'Operator' as page filter
- > 'Is Latest version?' as added column and page filter
- > Each UMM can be opened as individual pop-up containing the history of that UMM
- > COPY API Call function also available in Export Wizard for UMMs

*Link to demonstration video [here](#) [1m:1s]*



## 6. UMM APIs

*Alternative to RSS feeds*

*Can be configured for operators, dates and event status*

*COPY API call is available to help you build you API*

*Link to demonstration video [here](#) [1m:7s]*

## 7. New balancing zone map

*Will provide an overview of European Balancing Zones*  
*Easy access to data points for balancing zones*

*Link to demonstration video [here](#) [45 sec]*

## 8. Improved status indicator (incl. UMMs)

***Better information to users about what information is delayed***

- > Operational data including CMP information
- > UMMs
- > Status is updated every 5 minutes

*Link to demonstration video [here](#) [18s]*



## Other improvements

### ***Additional fields added to the Point information download***

- > Information about the adjacent Operator
- > Information about the adjacent Zone

### ***Updated user manual***

- > List of content added
- > New section added for UMMs
- > Updates ongoing to represent the current situation

### ***Technology upgrade***

- > Upgrade to front-end solution has started

The screenshot displays the 'Point information' download interface. At the top, there are tabs for 'ata', 'Point information', and 'Export wizard'. Below the tabs, the 'Export options' section includes checkboxes for 'Recently Viewed Items' (checked), 'All points', and 'All CAM-Relevant points'. There are also dropdown menus for 'All points from' (set to 'All operators') and 'Booking platform' (set to 'All'). A yellow box highlights the 'Source' dropdown menu, which is set to 'Point Information'. Below this, a user menu is visible with a green 'HELP' button and a blue 'LOGIN' button. A yellow box highlights the 'TP User Manual' link in the menu, with other links like 'Data Publication Format', 'Submit a question', 'Provide feedback', and 'Videos' listed below it.

*Link to demonstration videos [here](#) and [here](#) [58 sec + 33 sec]*



## Planned updates





# Planned updates



- > Updated logic for CMP
  - Align search queries with other data parts on the TP
  - Added optional Auction Dates to the CMP Unsuccessful Request information
- > Technology upgrade
  - Update software behind TP
- > Improvements to the interruptions information
- > Further improvement to user interface in export wizard and updated report templates
  - Clean up old redundant fields
  - Ensure consistent structure
- > Add dedicated URLs to the different UMMs sections for faster access

*User friendliness improvements*



# Planned: Preferences



## Account

Title:		Email:	rene.prins@entsog.eu
First Name:	René	Role:	Administrator
Last Name:	Prins	Last login:	07/11/2019 16:37:06

## Contact

Company:	ENTSOG	Country:	Belgium
Street, No:	Kortenberlaan 100	Phone:	0612345678
Zip code, City:	1000, Brussels	Fax:	12345678901

## Preferences

<b>Periodization</b> ⓘ	<input type="text" value="Compact"/>	<input type="checkbox"/> Use TP Default
<b>Current Timezone</b> ⓘ	<input type="text" value="EET"/>	<input type="checkbox"/> Use TP Default
<div><input type="button" value="By Period"/> <input checked="" type="button" value="By Formula"/></div>		<input type="checkbox"/> Use TP Default
<b>From Gas Day</b> ⓘ	<input type="text" value="M-3"/> ⓘ	
<b>To Gas Day</b> ⓘ	<input type="text" value="M-2"/> ⓘ	
<b>Default Landing Page</b> ⓘ	<input type="text" value="POINTS - Data"/>	<input type="checkbox"/> Use TP Default
<input type="button" value="Submit"/>		

**Indicators** ⓘ ☐ Use TP Default

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

*Define your own default settings*



# Planned: Archiving page

The screenshot displays the 'entsog transparency platform' interface. At the top, a navigation bar includes icons for POINTS, ZONES, OPERATORS, FAVOURITES, and CALENDAR. Below this, a red banner shows a specific data entry: 'NCG : GRTgaz Deutschland : From 29/07/2019 To 11/08/2019 2500000000 (kWh/h) at Medelsheim (Entry)'. A search bar labeled 'Search Zone or Point' is positioned below the banner. A dropdown menu is open, listing several archiving options, each preceded by a right-pointing triangle icon. The options are: 'Transport data per TSO', 'CMP data per TSO', 'Tariff data per TSO', 'Point Information for decommissioned points', 'UMM information prior to 2017-07-25', 'Tariff publication before TAR NC', and 'TP Announcements'. The 'Transport data per TSO' option is expanded, revealing a sub-menu with 'AB Amber Grid' and 'Bayernets'. Under 'AB Amber Grid', there are two links: 'GasYear2015 TransportData AB Amber Grid' and 'GasYear2014 TransportData AB Amber Grid'. Below 'Bayernets' is 'BBL Company'. Vertical ellipses indicate additional options are available.

- ▶ Transport data per TSO
  - ▼ Transport data per TSO
    - ▼ AB Amber Grid
      - [GasYear2015 TransportData AB Amber Grid](#)
      - [GasYear2014 TransportData AB Amber Grid](#)
    - ▶ Bayernets
    - ▶ BBL Company
- ▶ CMP data per TSO
- ▶ Tariff data per TSO
- ▶ Point Information for decommissioned points
- ▶ UMM information prior to 2017-07-25
- ▶ Tariff publication before TAR NC
- ▶ TP Announcements

*All archived information available to download*



# Planned: TP Announcement section

POINTS ZONES OPERATORS FAVOURITES CALENDAR UMM SUBSCRIBE HELP RENE

NCG : GRTgaz Deutschland : From 29/07/2019 To 11/08/2019 2500000000 (kWh/h) at Medelsheim (Entry) Details

Search Zone or Point

▶ Transport data per TSO

▶ CMP data per TSO

▶ Tariff data per TSO

▶ Point Information for decommissioning

▶ UMM information prior to 2017-07-01

▶ Tariff publication before TAR NC

▶ TP Announcements

▼ TP Announcements

- [Announcement 2019-04-18 "Headline 10"](#)
- [Announcement 2019-03-29 "Headline 9"](#)
- [Announcement 2019-01-15 "Headline 8"](#)

*All announcements available to download*



## Online trainings



## Online training



- ***Broad representation of companies from traders, TSOs, shippers and business analysts amongst attendees***
- ***Good feedback from participants***
- ***So far 3 sessions concluded in 2019***
- ***4<sup>th</sup> and last online training will take place 17 December 2019 13.00-15.00***
- ***4 more session planned for 2020 divided over the year***

[SIGN UP HERE](#)



*A video version of the training will be released in January 2020*



## APIs and Excel as database

*New Power Query video released in Vimeo page, [link](#).*

A green arrow pointing to the right, containing the text "FIND IT HERE" in blue, underlined capital letters.

[FIND IT HERE](#)



*More information about ENTSOG's APIs are in the [API manual](#)*



## **Feedback from TP survey**



# Overview of feedback from standing survey

***Standing survey since 2017 with annual follow-up***

***Responses since last workshop in 2018: 3***

- > Commercial: 2
- > MP Association: 1
  
- > Collected via links in newsletters and a link on the Transparency Platform

*Not enough responses to make a general statement about the TP*



## Response suggestions

***Calendar section*** It would be useful seeing some summary charts in order to better display the volumes impacted by the maintenances

- > In general, the TP is based on capacity energy units and not on volumes. Nonetheless, ENTSG will discuss with TSOs if a graphical overview of the maintenance impact can be designed, based on capacity energy units.

***TP User Manual*** It would be useful having a more detailed manual on the API functionalities with several examples

- > Already available via the PowerQuery video and in details from online trainings.

*ENTSG and the TSOs value the suggestion from stakeholders and discuss them internally.*



## Response suggestions

***Automatic download (API)*** the API should be available for a quicker download and access of large amounts of data (larger than now).

- > ENTSOG is constantly working on improving the speed of the API function
- > The 60 sec timeout rule serves as an efficient protection mechanism against “bombardments” from big data consumers
- > Using the “Copy API Call” feature provides you with good performing API calls

***Data completeness*** The data from some TSO's is obsolete and / or not updated frequently, mainly tariffs and available capacity.

- > ENTSOG and TSOs are checking and updating the data as required
  - Available capacity following the auctions - Overall data completeness is 97 %
  - Tariffs following the tariff periods and annual auctions in July

*Specific data issues are shared with the TSOs*



## Response suggestions

***Other suggestions*** Important to "define" and 'promote' user cases - they will drive "improvement". Only asking 'how' to improve is without meaning.....

- > ENTSG is trying to do this in several ways. Such as:
  - Videos posted on Vimeo
  - Online trainings
  - Public Workshops

*User cases are quite subjective*





## **Feedback from TP users**



# Questions from users

## > Questions why provisional data is not confirmed

- TSOs are not obliged to publish confirmed data, only correct data, except for GCVs which should be 'Confirmed'

## > Overall data quality questions

- TSOs provided explanations on the published information and provide guidance on how to interpret the information published
- In cases of errors the TSOs have updated the information
- TSOs are checking their publications on a regular basis and are improving the information where needed

*TSOs continue to update the data as required in Reg (EC) 715/2009*



# Questions from users

## > API calls are too limited with 60 seconds time-out

- ENTSOG is constantly working on improving the performance of the API function
- The 60 sec timeout rule serves as an efficient protection mechanism against “bombardments” from big data consumers
- Gas data is updated on hourly basis, not minutes or seconds and with good configurations, the APIs can deliver data within the 60 second rule
- Using the “Copy API Call” feature provides you with good performing API calls

## > API calls are too difficult to use

- API User manual is updated twice
- Online training provided
- A PowerQuery video released, explaining the various APIs and giving an example how to use the APIs with Power Query
- “Copy API Call” functionality is added to help creating APIs

*ENTSOG continues to provide support and tutorials to users and improve the API performance.*



## Questions from users

- > Last update date → “updatedSince”, yes/no
  - User can use the “updatedSince” filter that already exist in the various API calls
- > Transpose records to show operational data on the same record, e.g. physical flows and GCV values in one line
  - They way the information is now offered allows the user to, for example via Power Pivot, to show the data as in that manner
  - Minimise the changes of impacts on APIs for users

*ENTSOG provides data and expect users to work with the data by themselves in other tools like Excel*



## Conclusions

*Some feedback is also given outside the official channels → smaller bugs and suggestions taken on board on ad-hoc basis*

*Limited input to the survey → Market seems satisfied?*

*ENTSOG and TSOs hope for more feedback during the Q&A session*

*Link to stakeholder survey: <https://www.surveymonkey.com/r/TP-PUB>*

*ENTSOG hopes for more feedback from the survey and the workshop*



# Thank You for Your Attention

ENTSOG Transparency Team

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

EML: [transparency@entsog.eu](mailto:transparency@entsog.eu)

WWW: [www.entsog.eu](http://www.entsog.eu)