



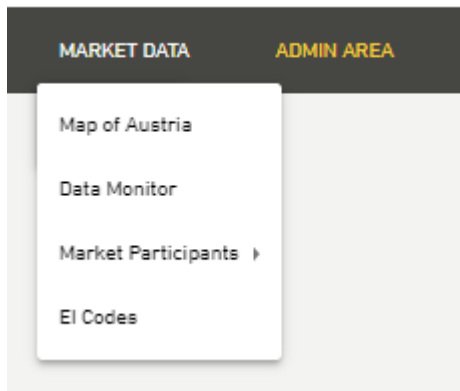
Austrian Gas Grid Management AG

API TOKEN AND DATAMONITOR

AGGM PLATFORM

- ▶ AGGM provides an API for the retrieval of MA-Data and BG-Data (GMMO-VO 2020 §34 (2)).
- ▶ The AGGM data monitor offers a comprehensive and detailed data on the Austrian natural gas situation, including storage information of neighboring countries.





- ▶ You can find the visualisation under:
<https://platform.aggm.at/portal/visualisation/ts-publication>
- ▶ MA-data is published under the menu item data monitor.



The screenshot shows the AGGM Data Monitor interface. At the top, there is a dark navigation bar with 'MARKET DATA' and 'ONE-STOP-SHOP' on the left, and 'EN' on the right. The main content area is titled 'Data Monitor' (1) and contains a large empty space with a blue funnel icon and the text 'No Filters Set'. Below this, a message reads: 'You have not selected any time series yet! Please provide at least one time series and a date range.' In the top right of the main area, there is a 'Select favorite (1)' button (6) with a heart icon. On the right side, there is a 'Filters' panel (2) with a close button (X). The 'Granularity' section has buttons for 'Hours' (2), 'Days', 'Months', and 'Years'. The 'Date range' section has a 'Range type' dropdown set to 'Custom range'. Below that, 'Start date' is '20/09/2022' and 'End date' is '21/12/2022', both with calendar icons. 'Time' is set to '06:00' for both. A 'Choose timeseries *' field (4) is empty. The 'Filter timeseries' section has a 'CapacityType' dropdown (5) and a 'Category' dropdown.

On the next slides you will find explanations on how to use the data monitor

1 Data Monitor

- ▶ Choose between diagram and tabular representation
- ▶ Diagram: line / bar  
- ▶ Possibility of enlargement 
- ▶ Zoom levels: depicts the timeline as specified
- ▶ Download diagram (PNG, JPG, SVG) 
- ▶ Detailed information via Mouse-over



1 Data Monitor

- ▶ Tabular representation
- ▶ The values can be exported as csv
 - Export all / Export selected

Data Monitor

Chart Table

Export all Export selected (0) ⓘ Data Monitor

<input type="checkbox"/>	Date	Σ flow En/Ex Baumgarten [kWh/h]	flow En/Ex Oberkappel [kWh/h]
<input type="checkbox"/>	01/01/2022 06:00	35.769.058	6.773.655
<input type="checkbox"/>	01/01/2022 07:00	35.780.948	6.756.788
<input type="checkbox"/>	01/01/2022 08:00	31.314.529	6.785.241

2 Granularity & 3 Date range

- ▶ Granularity: the original values apply in every single hour
 - ▶ Granularity: Hours, Days, Months, Years
 - ▶ For units with [/h], the average value per hour in the selected period is given.
 - ▶ For other units, the hourly values are totaled over the selected period.
- ▶ Date range
 - ▶ Standard: range type „custom range“, 3 months, basis gas day
 - ▶ Range type: dropdown opens with predefined time ranges (last, current, next time period).
 - ▶ When selected, this selection is applied to the calendar.


Filters ×


Granularity

Hours Days Months Years

Date range

Range type
Custom range ▼

Start date 20/09/2022  Time 06:00 ▼

End date 21/12/2022  Time 06:00 ▼

Choose timeseries *

4 Select time series

Choose timeseries *

This field is required.

- ▶ Without selecting a filter for one of the available groupings (see next slide), all time series are displayed and can be chosen.
- ▶ The field has a search function that can be used to search for time series names.
- ▶ Multiple time series can be selected. To close the scroll box, click outside the box.
- ▶ Tip: Setting a filter at one of the available groups facilitates the search for time series and visualisations.

5 Groupings

- ▶ Are only available in English.
- ▶ When you click here, the characteristics open and can be selected.
- ▶ The time series to be selected in the dialog box change according to the selected filter.

CapacityType ▼

Category ▼

GasQuality ▼

Location ▼

MarketArea ▼

NominationType ▼

Quality ▼

5 Groupings

Type	Category	MarketArea	Location	Quality	SSO/PSO	Nomination Type	GasQuality	CapacityType
Allocation	Balancing	East	VNKP-TD-GCA	Firm	SSO Uniper	Nom	GCV	TC
Available Injection Capacity	Biogas	T&V	VNKP-TD-TAG	UK	SSO Haidach	Renom	Wobbe	Booked
Available Withdrawal Capacity	E/X	Tyrol	VNKP-TD-WAG	Yearly	SSO Haidach Astora			TC yearly
BE	EKV	Vbg	MA-East	% UK	SSO Haidach GSA			Available
BG-Balance	Gasquality		MA-T&V	Interruption	SSO Italy			Booked yearly
Clearing	LPZ		VTP		SSO Austria			
Dayahead	Production		KGV		SSO OMV			
Delta	SLP				SSO RAG			
Flow	Storage				SSO Slovakia			
Injection	TL GCA				SSO Czech Republic			
Intraday	TL TAG				SSO Hungary			
Linepack	VNKP-TD				SSO Germany			
Prices					PSO Biomethan			
Saldo					PSO RAG			
Storage level					PSO OMV			
Storage level %								
Neutrality Charge								
Withdrawal								
Working gas volume								

Abbreviations

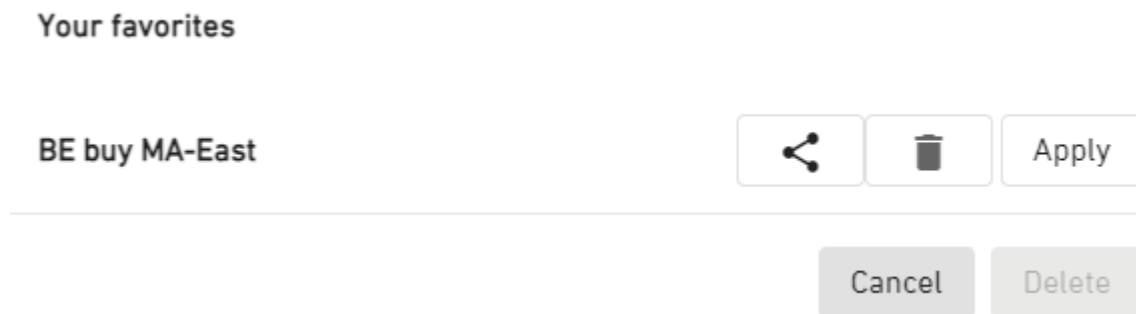
Abbreviation	Description
BE	Balancing Energy
BG-Balance	Balance Group Balance
E/X	Entry/Exit
EKV	End Consumer Supply
LPZ	Load Profile Metering
SLP	Standard Load Profile
TL GCA	Transmissionline Gas Connect Austria
TL TAG	Transmissionline Trans Austria Gasleitung
VNKP-TD	Virtual Interconnection Point-Transport Segment
T&V	Tyrol and Vorarlberg
VNKP-TD-GCA	Virtual Interconnection Point-Transport Segment-Gas Connect Austria
VNKP-TD-TAG	Virtual Interconnection Point-Transport Segment-Trans Austria Gasleitung
VNKP-TD-WAG	Virtual Interconnection Point-Transport Segment-West Austria Gasleitung
MA-East	Market Area- East
MA-T&V	Market Area- Tyrol & Vorarlberg
VTP	Virtual Trading Point
KGV	Small Cross Boarder Interconnection Points
UK	Interruptible Capacity
% UK	% Interruptible Capacity
SSO	Storage SystemOperator
PSO	Production System Operator
GCV	Gross Calorific Value
TC	Technical Capacity
Vbg	Vorarlberg

6 Save and share favorites

- ▶ Favorites can be created, named and saved locally in the browser.
- ▶ To remove a favorite, click the delete icon in the “Select Favorite” dialog box.

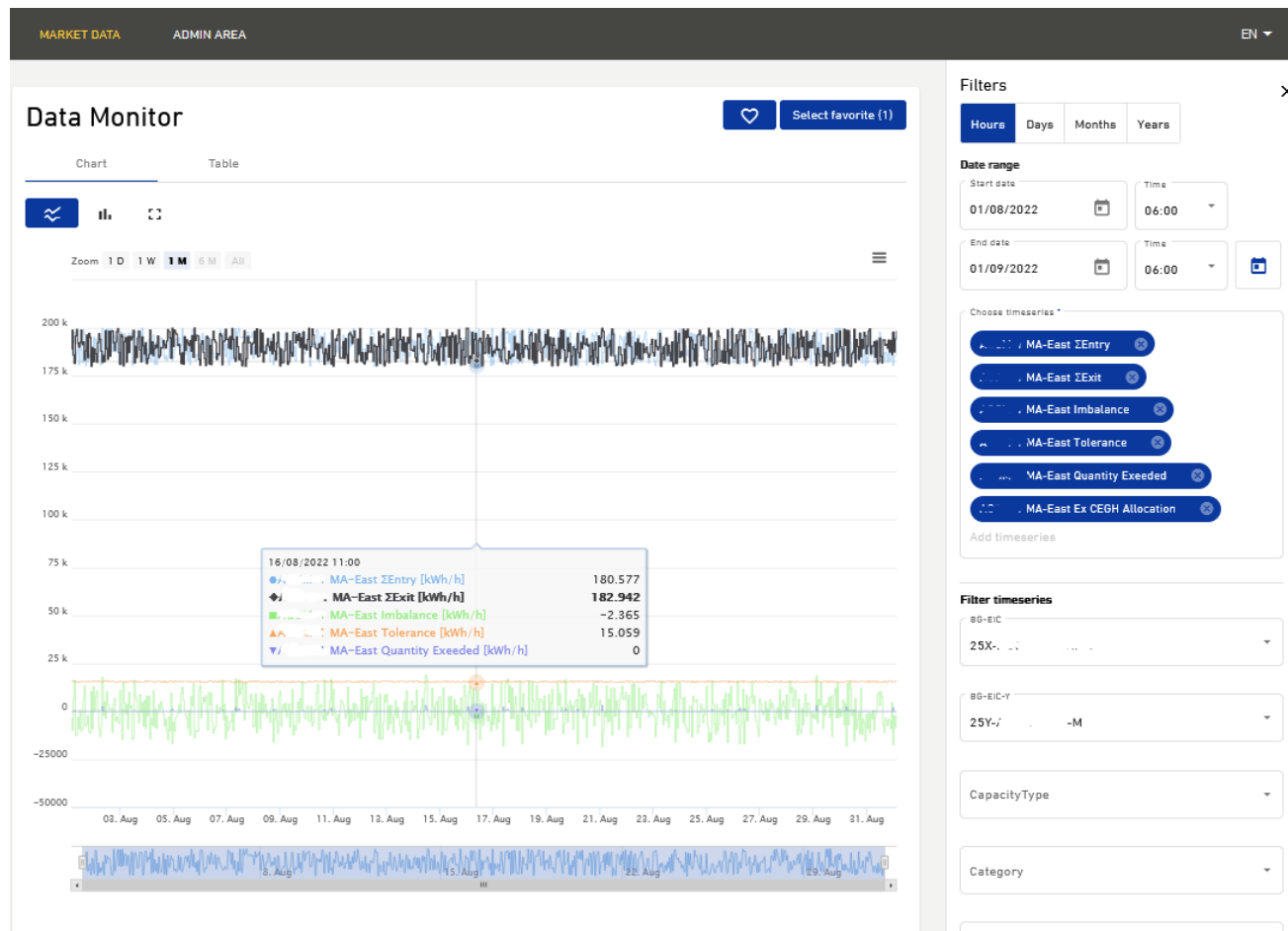


- ▶ Favorites can be shared.
- ▶ Select favorite opens the dialog box.
- ▶ With the symbol “share” a link is generated, that is saved in the clipboard and can be shared.

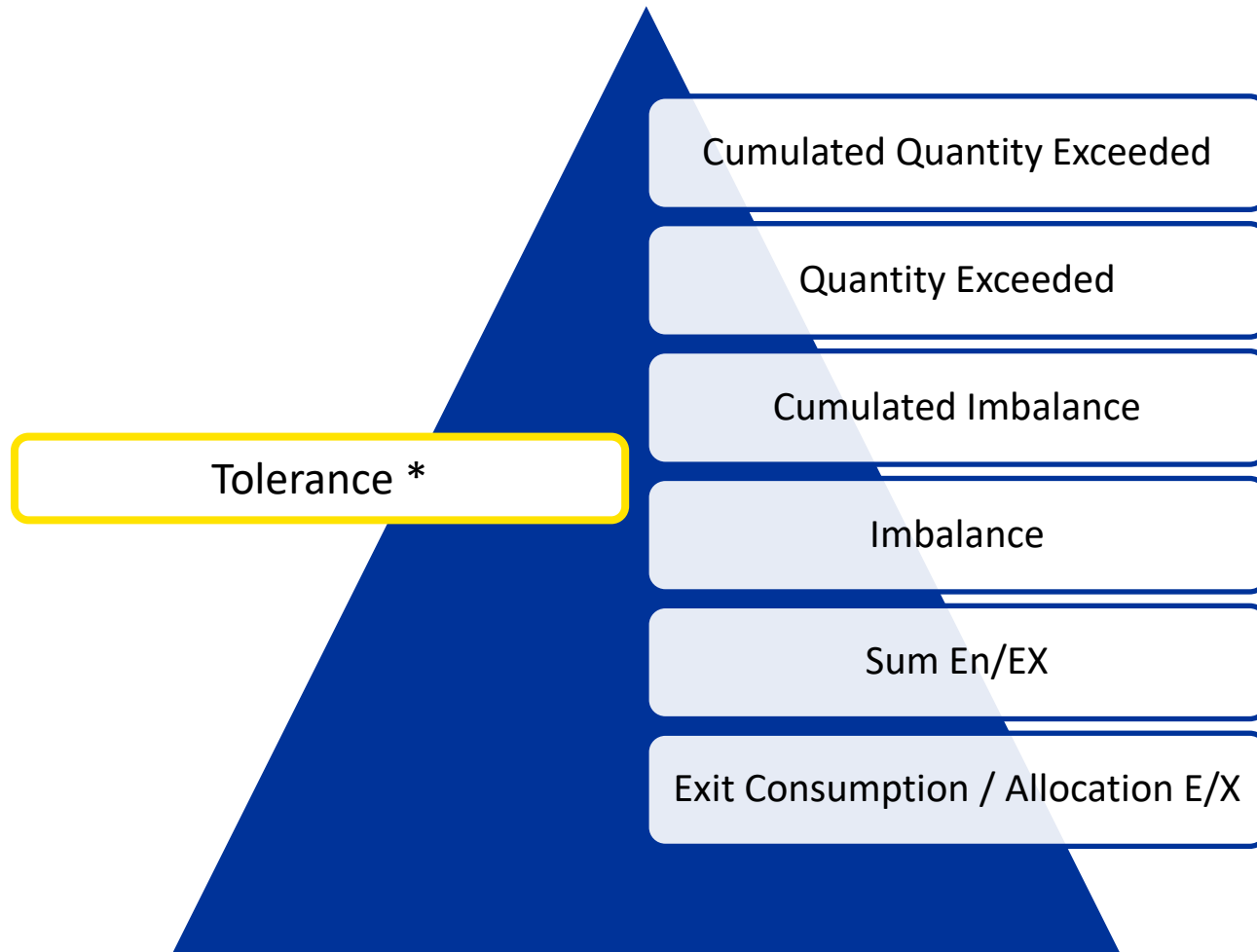


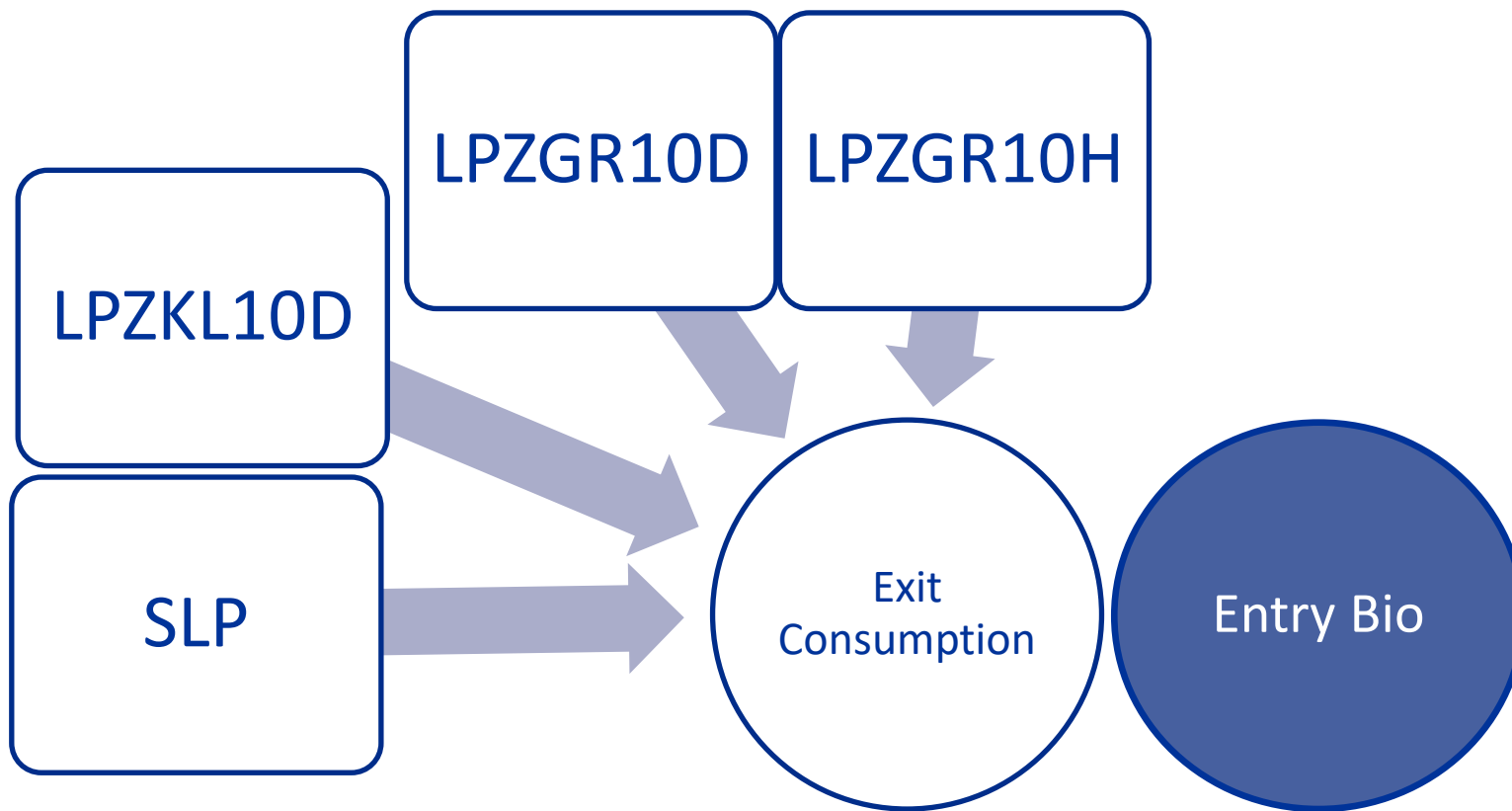
Data Monitor in the login-area

- ▶ Public MA-Data and private BG-Data can be combined now
- ▶ Filter X-Code and BG Y-Code for BGRs









BV – Best value
principle

- ▶ To retrieve the MA-Data automatically per XML-API, you can request an API-Token on the [AGGM platform](#). Kindly fill in the following form:

API-Access data

Fields with * are mandatory.

For the retrieval of the MA data a token is required. Please complete the registration form and make sure that all information provided is correct. After activating the link sent to the provided email-address, the credentials and a document with the guideline are sent to you.

First name *	Last name *
Organization *	
Email *	Phone mobile
Phone office	Fax

I have read and accepted the [Privacy Terms and Conditions](#).*

Submit

- ▶ After the activation of the link, credentials will be sent to you as well as an [instruction](#) on how to use the interface.

- ▶ When the credentials are requested from the login area, the credentials are for a system e-mail address. After that, the BG-data can also be retrieved in addition to the MA-data. The functionality of the API will be included in the activation email. This system-API-user can only be applied for and assigned once per organization.

API-Access data

Fields with * are mandatory.

Please provide an system address of your organization to request an API token!