



**TRADING
HUB
EUROPE**
keep in balance

Joint customer events for balancing group managers



Agenda

- 1. Introduction and presentation of THE**
- 2. Transitional arrangements for market area merger**
- 3. Billing topics**
- 4. THE website**
- 5. THE customer portal**
- 6. Market communication**
- 7. VTP and VTP portal**
- 8. VTP market consultation, MBIs and capacity buy-back**

Introduction and presentation of Trading Hub Europe GmbH



Where we are coming from

GASPOOL

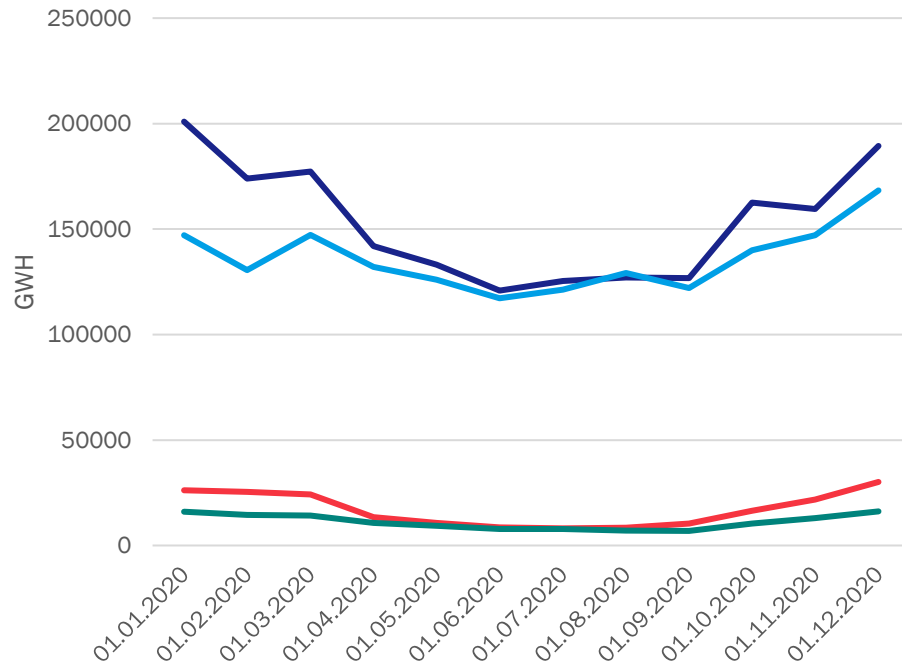
- **Shareholders:** GASCADE Gastransport GmbH, Gastransport Nord GmbH, Gasunie Deutschland Transport Services GmbH, Nowega GmbH and ONTRAS Gastransport GmbH
- **Established:** 2009
- **Market partners:** approx. 350 network operators, approx. 420 German and international BGMs

NetConnect Germany

- **Shareholders:** bayernets GmbH, Fluxys TENP GmbH, GRTgaz Deutschland GmbH, Open Grid Europe GmbH, terranets bw GmbH and Thyssengas GmbH
- **Established:** 2008
- **Market partners:** approx. 480 network operators, approx. 450 German and international BGMs



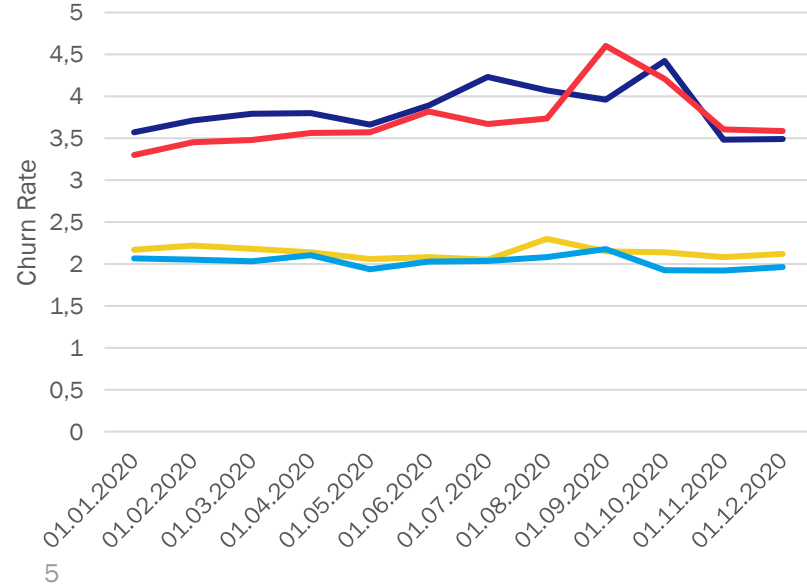
Development of GASPOOL and NCG VTPs



- Merger of two of the most attractive and most liquid trading points in Europe
- Dynamic development of VTPs in recent years

- steadily growing trading volume
- constantly positive development of churn rate
- attractive and liquid trading points for gas in Europe
- positive developments also in prompt and futures market

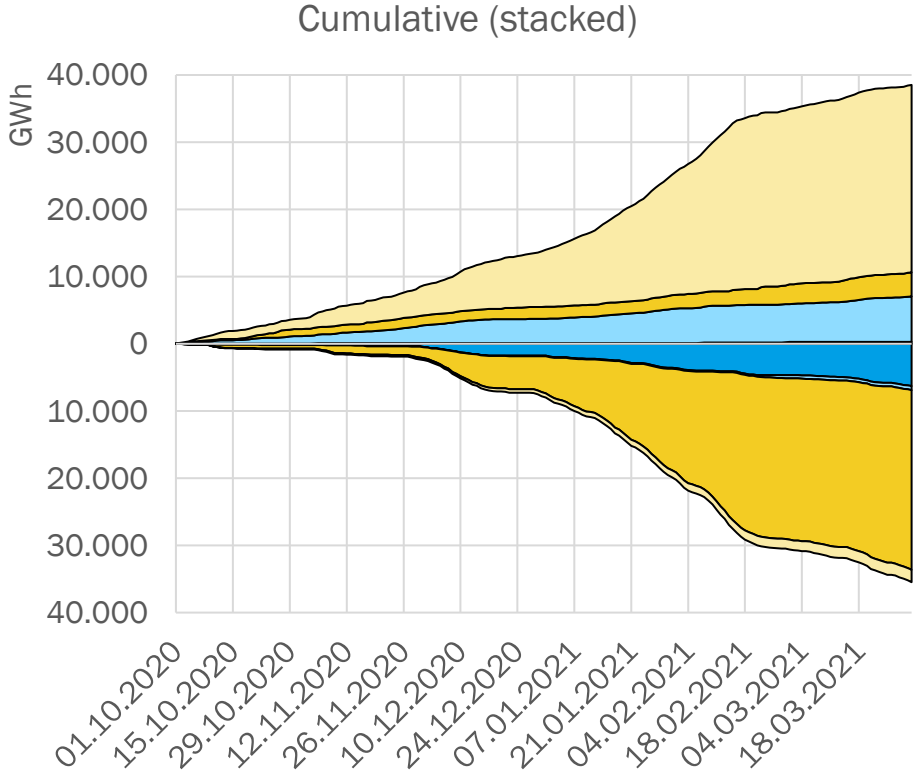
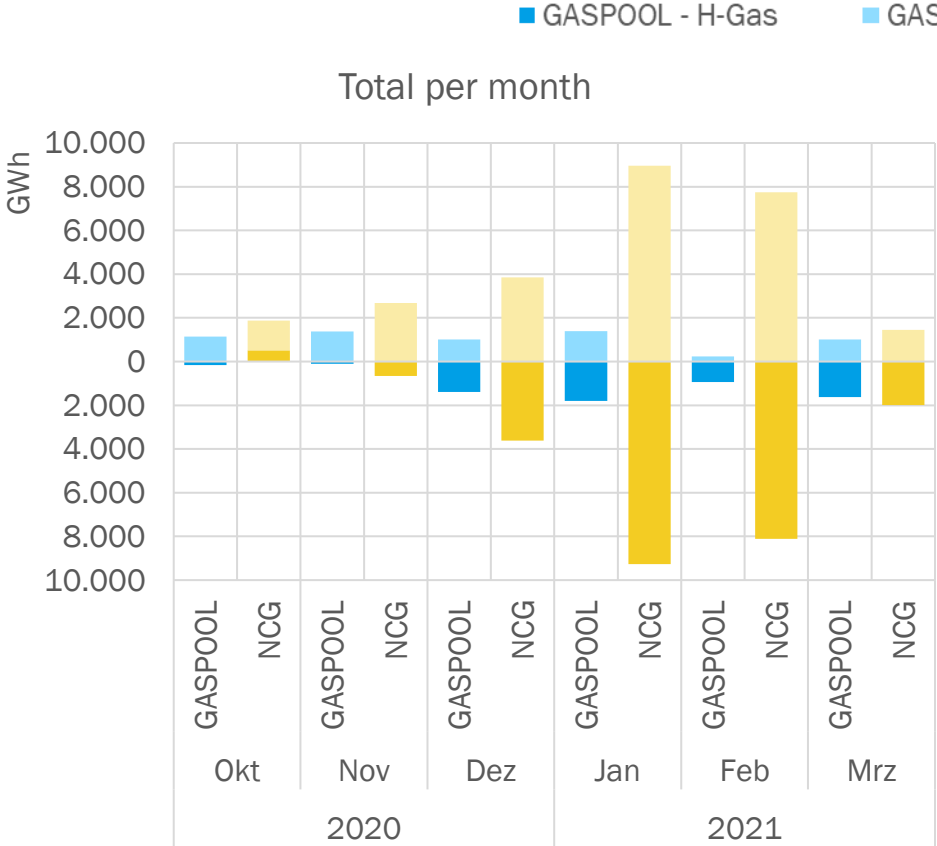
- Handelsvolumen H-Gas GWh (NCG)
- Handelsvolumen L-Gas GWh (NCG)
- Handelsvolumen H-Gas GWh (GASPOOL)
- Handelsvolumen L-Gas GWh (GASPOOL)



- Churn Rate H-Gas (NCG)
- Churn Rate L-Gas (NCG)
- Churn Rate H-Gas (GASPOOL)
- Churn Rate L-Gas (GASPOOL)



Balancing gas use by market area and gas quality



Milestones to date



Implementation project of the market area managers

MAM implementation project ("*MGV-UP*")

- Project kick-off in 2019
- MAM implementation project complements the marco project
- The aim of the MAM implementation project is to create a fully functional Market Area Manager
- Definition of the process landscape and organisational structure
- Implementation of all IT requirements
- Coordination and implementation of the organisational changes
- Coordination and implementation of the legal changes

Goals and challenges in 2021

IT project management

- **Successfully complete development/testing phase for >25 projects**
- **Deliver migration strategy as planned**

Processes

- **Harmonise existing and changed processes in THE environment**

Communication

- **Ensure intensive communication with targeted information on THE activities and conversion processes**

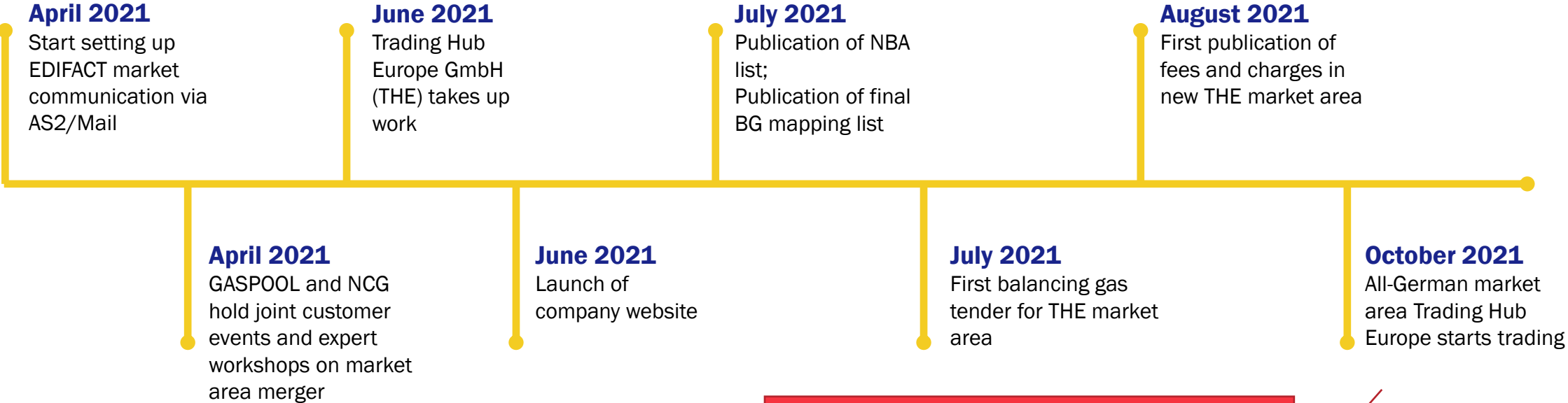
Launch

- **Harmonise cut-over planning across all systems and processes**
- **Announce changeover dates early and keep downtimes to a minimum (focus on process management)**

Goal:
Create the greatest possible transparency through market dialogues, events and information on change processes.

Next steps

- MAM NetConnect Germany merged with MAM GASPOOL
- GASPOOL renamed Trading Hub Europe
- Market areas GASPOOL and NetConnect Germany continue to exist
- At the start of the nationwide market area, THE will operate the two existing GASPOOL and NetConnect Germany market areas as the MAM



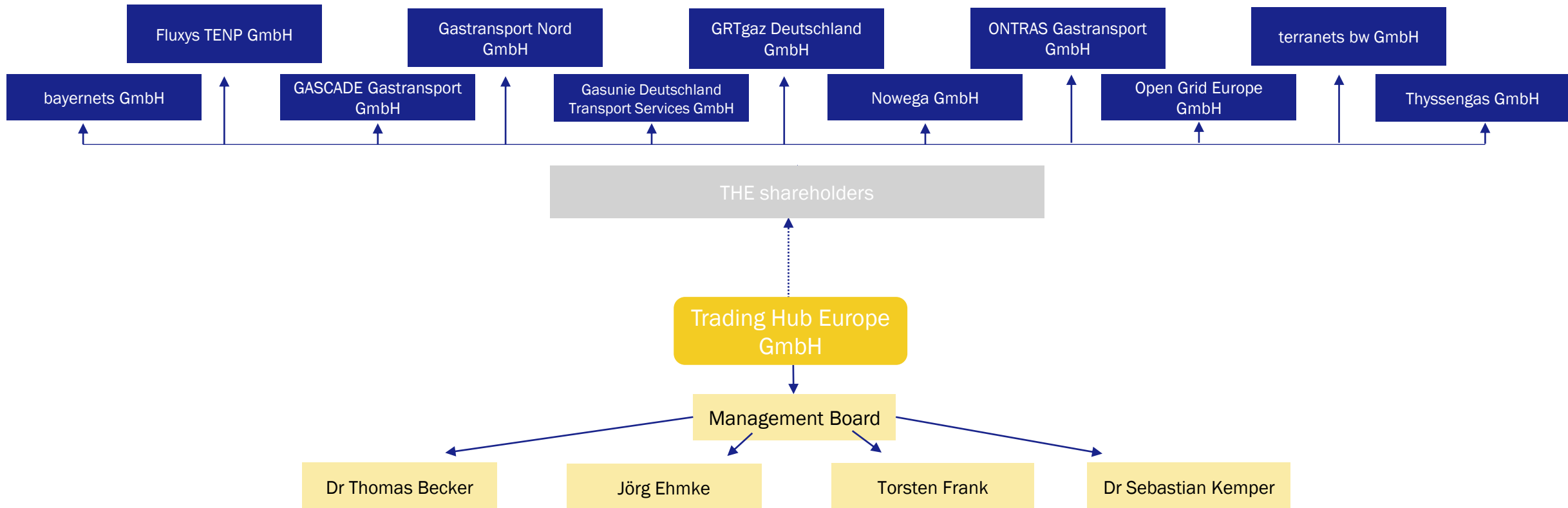
- Merger of GASPOOL and NCG market areas
- Nation-wide THE market area from 1 October



Our ambition

- **The best of both worlds**
 - Ensure that shippers, end users, network operators and balancing group managers can benefit
 - Design processes to be as customer-oriented as possible
 - Create real added value for the market
- **New nationwide MAM to be seen as a service provider that stands for high service quality, reliable data and smooth processes**
 - Successfully complete assigned tasks
- **Due to its central location in the heart of north-western Europe, the Germany-wide Market Area can become the central starting point for further connecting European gas markets across borders**
- **New market area is to become one of the most attractive and most liquid gas trading hubs in Europe**

Trading Hub Europe shareholder structure



Tasks and key figures

Main MAM tasks

- Balancing gas management and procurement
- Provision and operation of the Virtual Trading Point
- Publication of a wide range of information and invoicing data
- Management of balancing groups, balancing subgroups and network accounts
- Ensuring the exchange of data between market participants

Key figures

- High-pressure pipeline system in the Germany-wide market area spanning about 40,000 km
- More than 700 downstream networks
- Data hub for gas industry in Germany and Europe

Locations

Locations

- Berlin and Ratingen
- Tasks have been split between the two locations

- **Berlin**

- Financial accounting and risk management
- Dispatching / balancing gas / VTP
- IT infrastructure management
- Customer and contract management
- Regulation and Corporate Communications

- **Ratingen**

- Controlling and procurement
- Accounting and billing management
- Data management
- Market development and analysis
- IT application management
- Legal matters

Contacts

Contact persons

- Familiar contact persons will continue to be available until the merger takes place
- From June 2021
 - General customer service: Customer and Contract Management Department
 - Questions on billing issues for GASPOOL market area: Customer and Contract Management Department
 - Questions on billing issues for NCG market area: Balancing and Billing Management Department
 - Questions regarding EDIFACT market communication for GASPOOL: Customer and Contract Management Department
 - Questions regarding EDIFACT market communication for NCG: Data Management Department
 - Questions on setting up EDIFACT market communication for THE: Data Management Department
- From October 2021
 - General customer support: Customer and Contract Management Department
 - Questions on billing issues: Balancing and Billing Management Department
 - Questions regarding EDIFACT market communication: Data Management Department

✓ **The contact details of all relevant contact persons will be published on the THE website**

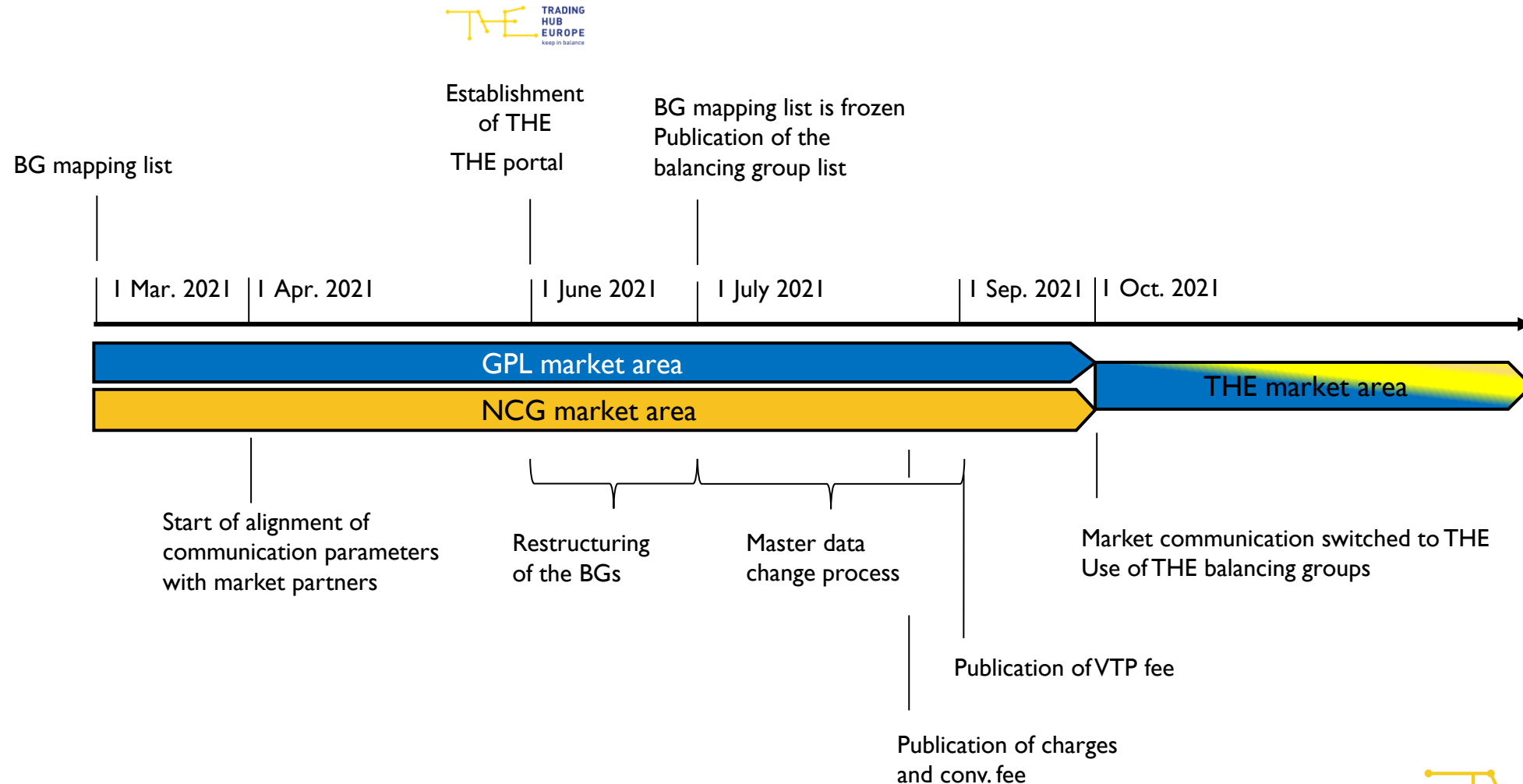


Transitional arrangements for the market area merger

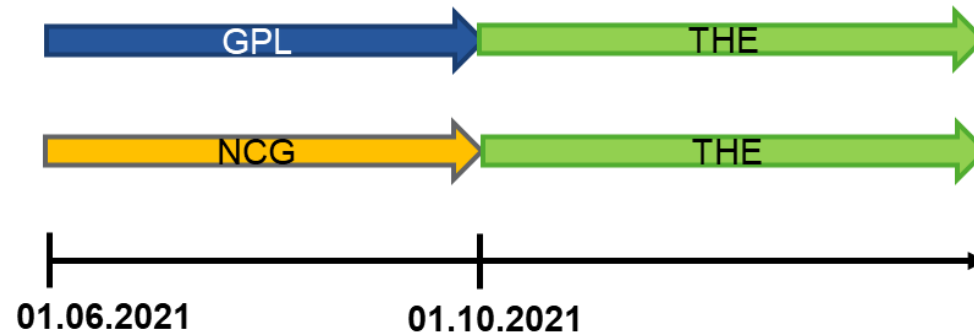
Trading Hub Europe



Timeline for transition to one market area



Transfer of balancing groups to THE



- All current balancing group contracts will remain unchanged and will be transferred to Trading Hub Europe and have the Trading Hub Europe nomenclature from 1 Oct. 2021
- The old balancing group designations will be migrated to the new nomenclature
- The contracts for the connection of balancing groups will also remain unchanged and will be transferred
- The balancing group representatives will be given the opportunity to reorganise their balancing group portfolios on the THE portal

Mapping list example

1 March 2021

- Publication of initial BG mapping list incl. BSGs with the following information
 - THE balancing group code
 - Old balancing group code (NCG or GPL)

1 June 2021

- Start of THE portal
- BGMs can create their new structure,
- terminate and newly conclude contracts and newly connect BGs



Stand: 25.01.2021

Bilanzkreis	Bilanzkreiscode Alt
THE0BBH100010000	GASPOOLBHxxx0000
THE0BBH100010001	GASPOOLBHxxx0001
THE0BBH100020000	GASPOOLBHxxx0000
THE0BBH100380000	GASPOOLBHxxx0000
THE0BBH100380001	GASPOOLBHxxx0001
THE0BBH690050000	NCHBBIO4xxx0000
THE0BBH690050001	NCHBBIO4xxx0001
THE0BBH690050002	NCHBBIO4xxx0002
THE0BBH690050003	NCHBBIO4xxx0003
THE0BBH690050004	NCHBBIO4xxx0004
THE0BBH690050005	NCHBBIO4xxx0005
THE0BFH100200000	NCHB4001xxx0000
THE0BFH100200001	NCHB4001xxx0001
THE0BFH100200002	NCHB4001xxx0002
THE0BFH100210000	NCHB4001xxx0000
THE0BFH100220000	NCHB4001xxx0000
THE0BFH100230000	NCHB4001xxx0000
THE0BFH100240000	NCHB4001xxx0000
THE0BFL690200000	GASPOOLELxxx0000
THE0BFL690200001	GASPOOLELxxx0001
THE0BFL690200002	GASPOOLELxxx0002
THE0BFL690200003	GASPOOLELxxx0003
THE0BFL690200004	GASPOOLELxxx0004
THE0BFL690200005	GASPOOLELxxx0005
THE0BFL690200006	GASPOOLELxxx0006
THE0BFL690200007	GASPOOLELxxx0007



Mapping list example

From 1 June to 1 July

- The mapping list will change every day during the period from 1 June to 1 July.
- During this period, THE will provide an updated list every weekday

From 1 July

- From 1 July 2021, it will no longer be possible to terminate BGs with effect from 1 October 2021 due to the notice period
- At that time, the THE mapping list will be frozen



Stand: 25.01.2021

Bilanzkreis	Bilanzkreiscode Alt	Folge-(S)BK	Gültig ab	Gültig bis
THE0BBH100010000	GASPOOLBHxxx0000		03.01.2021 06:00:00	01.10.2035 06:00:00
THE0BBH100010001	GASPOOLBHxxx0001		03.01.2021 06:00:00	01.10.2035 06:00:00
THE0BBH100020000	GASPOOLBHxxx0000		03.01.2021 06:00:00	01.10.2035 06:00:00
THE0BBH100380000	GASPOOLBHxxx0000		01.02.2021 06:00:00	01.10.2035 06:00:00
THE0BBH100380001	GASPOOLBHxxx0001		01.02.2021 06:00:00	01.10.2035 06:00:00
THE0BBH690050000	NCHBBI04xxx0000		01.12.2020 06:00:00	01.10.2021 06:00:00
THE0BBH690050001	NCHBBI04xxx0001	THE0BBH690050000	01.12.2020 06:00:00	01.10.2021 06:00:00
THE0BBH690050002	NCHBBI04xxx0002		01.12.2020 06:00:00	01.09.2021 06:00:00
THE0BBH690050003	NCHBBI04xxx0003		01.12.2020 06:00:00	01.09.2021 06:00:00
THE0BBH690050004	NCHBBI04xxx0004		01.12.2020 06:00:00	01.09.2021 06:00:00
THE0BBH690050005	NCHBBI04xxx0005		01.12.2020 06:00:00	01.09.2021 06:00:00
THE0BFH100200000	NCHB4001xxx0000	THE0BFH690190000	29.12.2020 06:00:00	01.10.2021 06:00:00
THE0BFH100200001	NCHB4001xxx0001	THE0BFH690190001	01.01.2021 06:00:00	01.10.2021 06:00:00
THE0BFH100200002	NCHB4001xxx0002	THE0BFH100240000	01.01.2021 06:00:00	01.10.2021 06:00:00
THE0BFH100210000	NCHB4001xxx0000		29.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFH100220000	NCHB4001xxx0000		29.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFH100230000	NCHB4001xxx0000		29.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFH100240000	NCHB4001xxx0000		29.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200000	GASPOOLELxxx0000		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200001	GASPOOLELxxx0001		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200002	GASPOOLELxxx0002		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200003	GASPOOLELxxx0003		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200004	GASPOOLELxxx0004		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200005	GASPOOLELxxx0005		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200006	GASPOOLELxxx0006		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200007	GASPOOLELxxx0007		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200008	GASPOOLELxxx0008		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200009	GASPOOLELxxx0009		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200010	GASPOOLELxxx0010		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200011	GASPOOLELxxx0011		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200012	GASPOOLELxxx0012		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200013	GASPOOLELxxx0013		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL690200014	GASPOOLELxxx0014		01.12.2020 06:00:00	01.10.2035 06:00:00
THE0BFL990080000	NCLB40099xxx0000		01.12.2020 06:00:00	01.10.2021 06:00:00
THE0BFL990080001	NCLB40099xxx0001		01.12.2020 06:00:00	01.10.2021 06:00:00



Transfer of balancing groups to THE

- 1 March 2021: Publication of preliminary 1:1 BG mapping list with all BG codes
- 1 June 2021: BGMs can restructure their portfolio in the portal
- 1 July 2021: BG mapping list is frozen and made available for use by BGMs (also for sharing with suppliers) and network operators. The market partners are thus given the opportunity to import data from the BG Mapping List into their systems.
- Start of standard process according to GeLiGas:
 - Supplier notifies NO of UTILMD master data change (E03) for the purpose of allocating market locations (MaLos) to the THE BG/SBG valid from 1 Oct. 2021 (all notifications for deliveries starting on or after 1 Oct. 2021 are made with the new BG code only), provided that the following requirements are met :
 - MAM publishes the "THE balancing group list" and BGM has BGs, which are valid from 1 October 2021;
 - Supplier has been authorised by the BGM to go ahead with allocation

Transfer of balancing groups to THE

- The NO can use "THE balancing group list" for verification purposes
- Shortly after the monthly deadline for changes relevant to the balancing group has expired (from 1 Sep. 2021), the NO will check whether there are still any MaLos which have not been allocated to valid BGs for periods starting on 1 Oct. 2021, and the NO can send a deregistration notice to the old supplier. If the supplier does not send a modified registration with a THE BG, the default or basic supply process takes effect.
- M+16 WDs in September 2021: NO sends inventory list to supplier (23 Sept. 2021); inventory list contains only new BGs
- M+17 WDs in September 2021: NO sends declaration message to MAM (24 Sept. 2021)
- M+18 WDs in September 2021: MAM sends declaration list to BGM (27 Sept. 2021)

Transfer of capacity contracts to THE

- Every capacity booking from 1 October 2021 onwards must be included in a THE BG
- 1 July 2021: Takeover of valid THE BG from the "THE balancing group list" by TSO
- 5 July 2021: Start of the annual auction for firm capacity products
- From 5 July 2021: Shippers assign existing capacity contracts (valid from 1 October 2021, 06:00 hrs.) to the new THE balancing groups
- 1 September 2021: TSOs notify each shipper of all capacity contracts that are still included in NCG or GPL balancing groups as of 1 October 2021, 06:00 hrs.
- 28 September 2021: Final dispatch of all capacity contracts by the TSOs that are not yet allocated to a THE BG as of 1 October 2021, 06:00 hrs. (withdrawal notification to shipper)

FAQ list on market area merger

- The associations BDEW, VKU and Geode have published an FAQ on the transitional arrangements:
https://www.bdew.de/media/documents/20210304_FAQ_zu_%C3%9Cbergangsregelungen_konsolidiert_final.pdf
- Based on these FAQs, NCG and GASPOOL have created their own FAQ list containing further questions and answers:
- FAQ-list:
- [FAQs on Market Area Merger Englisch.pdf \(gaspool.de\)](#)
- [0_0_0_1421_en_FAQ_zur_Marktgebietszusammenlegung_Englisch.pdf \(net-connect-germany.de\)](#)

Billing topics

Trading Hub Europe



Billing process for balancing groups

From 1 June 2021 to 1 October 2021

- **Until the contract month of July 2021:** NCG balancing groups will be invoiced by the BBM department using THE layouts; invoices will be sent using the NCG email address
- **Until the contract month of July 2021:** GPL balancing groups will be invoiced by the CCM department using THE layouts; invoices will be sent using the GPL email address

From 1 October 2021

- **From the contract month of August 2021:** NCG and GPL balancing groups will be invoiced by the BBM department (document will show NCG/GPL nomenclature)
- Two invoice documents will continue to be issued for each market area, also for past contract periods
- **From the contract month of October 2021:** THE balancing groups will be invoiced by the BBM department (document will show the THE nomenclature)
- The THE email address will be used for sending the invoices

No more "credit notes" from 1 October 2021



Change for balancing group invoicing process from 1 October 2021

- Due to a change in VAT legislation (Ministry of Finance decree issued on 20 August 2020), only the market area manager provides “other services” to the balancing group manager as part of balancing group invoicing process.
- Consequence: From 1 October 2021, an "invoice with reimbursement" instead of a credit note will be sent to the balancing group managers if there is a balancing group oversupply
- Two documents will continue to be sent to the balancing group managers
 - Undersupply: Invoice
 - Oversupply: Invoice (Credit note) → for the first time for the contract month August 2021

THE balancing group invoicing (from 1 June 2021)



Trading Hub Europe GmbH Kaiserswerther Str. 115 40880 Ratingen Germany

Contact
 Bilanzierungs- und
 Abrechnungs-
 Management
 Phone
 +49 (0) 2102 59796 779
 Email
 bam@tradinghub.eu
 Date

Document number:

Please quote when
 sending payment

Invoice
 Billing period:
 Balancing group number:

Dear Sir or Madam,

Based on the data recorded for your balancing group the following invoice
 amount has been calculated for the above billing period:

EUR 0.00

Complaints concerning the accuracy of this invoice must be filed without
 undue delay, in no case later than 4 weeks after receipt thereof.

Please refer to the appendix for further details on the above amount. Please
 do not hesitate to contact us if you have any questions. Contact details are
 provided in the header of this invoice.

Yours faithfully,

Trading Hub Europe GmbH

Trading Hub Europe GmbH

Registered office:
 Kaiserswerther Str. 115
 40880 Ratingen
 Germany

Birth office:
 Anna-Louisa-Karsch-Str. 2
 10178 Berlin
 Germany

Registered at Amtsgericht Düsseldorf, HRA
 1234

Tax number: 105/5998/3084
 VAT ID: DE81500092

Deutsche Bank AG
 SWIFT/BIC: DEUTDE33XXX
 IBAN: DE55 3607 0050 0234 0008 00

Managing directors:
 Dr. Thomas Becker
 Jörg Ehmke
 Torsten Frank
 Dr. Sebastian Kemper

www.tradinghub.eu

Negative imbalance charges payable in respect of a billing period are set off against
 positive imbalance charges payable in respect of the same billing period. If the set-off
 yields a negative figure, the net amount is credited to your account; if the net balance is a
 positive figure you will be required to send payment by 6 June 2019.

Instead of Self-billing
 -> Invoice (Credit note) as
 of 1 October 2021

Market area (NCG/GPL)
 identified by BG code
 for contract periods up to
1 October 2021

Payment period of 10 WDs
 from 1 Oct. 2021

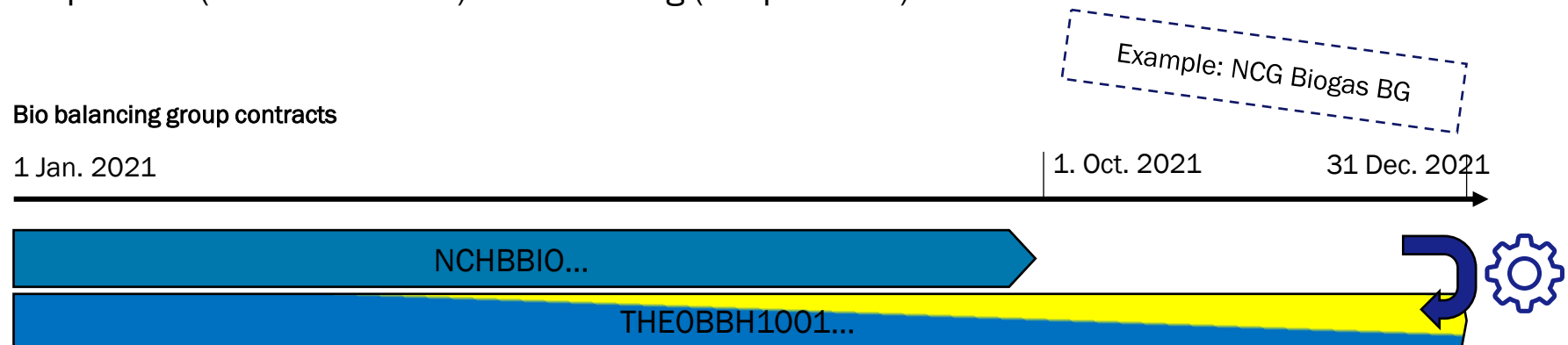
Note for contract periods until
1 October 2021:
 Trading Hub Europe GmbH as the
 legal successor to NetConnect
 Germany GmbH & Co. KG will issue
 all documents
 for the NCG market area



Biogas balancing and invoicing for the calendar year 2021 (1/3)

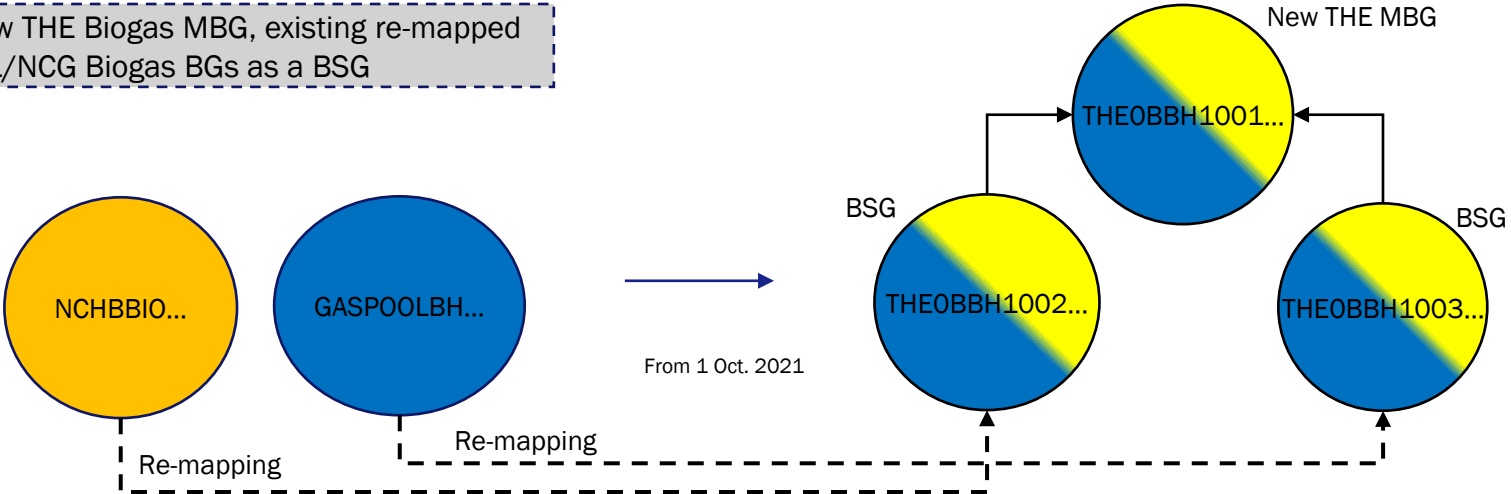
Balancing period and invoicing

- Retroactive application of the THE Biogas BG portfolio to the period from 1 Jan. to 1 Oct. 2021 (will be executed in Dec. 2021; updated display in data portal)
- The existing GPL/NCG (Bio)MBGs can be managed as SBGs under a new or re-mapped THE (Bio)MBG (connection obligation acc. to Konni Gas must be observed!)
- THE MBG will be applicable for the entire calendar year 2021 (balancing period)
- Flexibility transfer process (from Feb. 2022) and invoicing (in Apr. 2022) will be done for the THE MBG

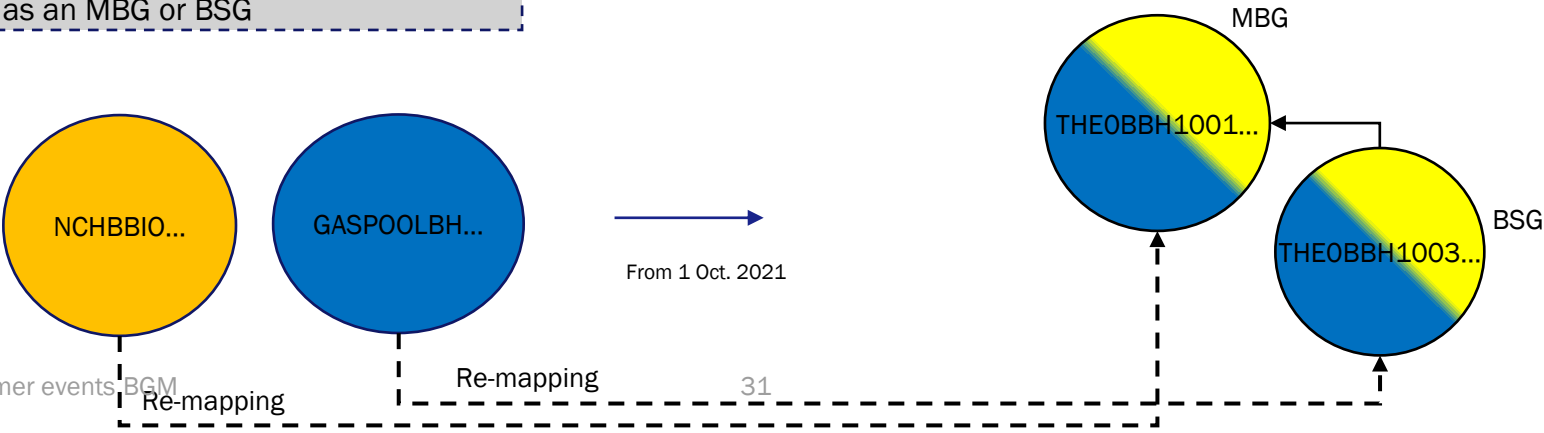


Biogas balancing and invoicing for the calendar year 2021 (2/3)

Example 1: New THE Biogas MBG, existing re-mapped GPL/NCG Biogas BGs as a BSG



Example 2: Existing re-mapped GPL/NCG Biogas BGs as an MBG or BSG



Biogas balancing and invoicing for the calendar year 2021 (3/3)

Daily imbalance fee

- Until 1 Oct. 2021: Use of the daily average value for the daily imbalance fees of the NCG and GPL market areas
- From 1 Oct. 2021: Use of the daily imbalance fees of the THE market area

Conversion fee

- In calendar year 2021, there are three market areas with different conversion fees
- Use of a time-weighted average value for the NCG, GPL and THE market areas

THE website

Trading Hub Europe



General

Go-live of THE website

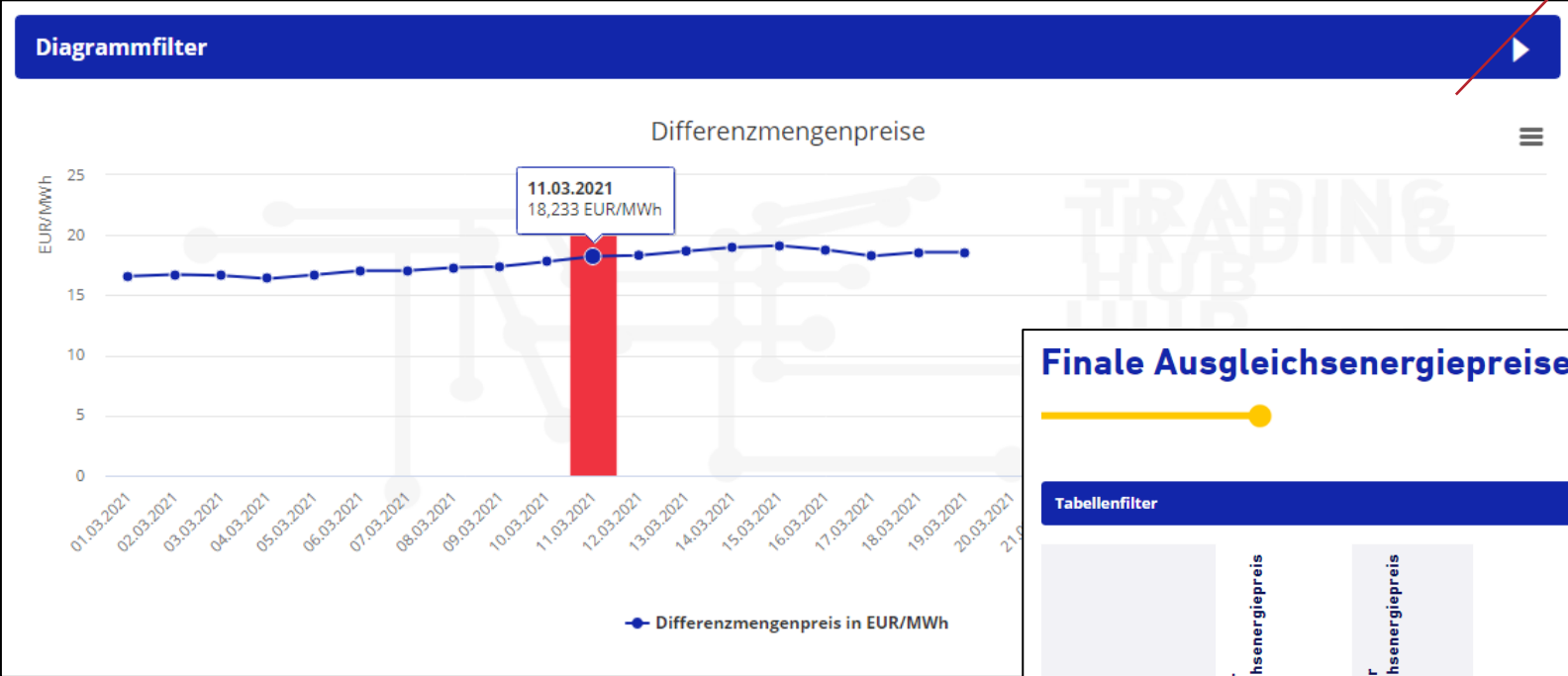
- Go-live at the beginning of June 2021
- The launch date of the new website will be announced separately
- Available at: www.tradinghub.eu

Publication of data during interim period

- From June up to and including September 2021, the data publication obligations will continue to be met on the websites of GASPOOL and NetConnect Germany for each market area
- From the start of the Trading Hub Europe market area, all publications will be made on the THE website
- The GASPOOL and NetConnect Germany websites will remain available until the end of 2021
- Legacy data of GASPOOL and NetConnect Germany will also be available in archived form on THE website after the old websites have been shut down

Impressions

Graphs



Tables

Finale Ausgleichsenergiepreise

Tabellenfilter

Gastag	positiver Ausgleichsenergiepreis	negativer Ausgleichsenergiepreis	Preis System Buy	Preis System Sell	VHP- Index	VHP- Index + 2 %	VHP- Index - 2 %
19.03.2021	18,935	18,193	n/a	n/a	18,564	18,193	18,935
18.03.2021	18,935	18,193	n/a	n/a	18,564	18,193	18,935
17.03.2021	18,636	17,906	n/a	n/a	18,271	17,906	18,636
16.03.2021	19,142	18,392	n/a	18,509	18,767	18,392	19,142
15.03.2021	33,000	8,509	33,000	8,508	19,116	18,734	19,498

Impressions

The screenshot displays the Trading Hub Europe website interface. At the top left is the logo with the text "TRADING HUB EUROPE". The main navigation bar includes the following items: "Unternehmen", "Veröffentlichungen" (highlighted with a yellow underline), "Services", "Download", "Portale", "Kontakt", and a search icon. Below the navigation bar, the content is organized into two columns. The left column is titled "Veröffentlichungen" and lists: "Preise", "Regelenergie", "Konvertierung", "Umlagekonten", "Virtueller Handlungspunkt", "MBI und Kapazitätsrückkauf", and "Transparenz". The right column is titled "Regelenergie" and lists: "Externe Regelenergie", "Interne Regelenergie", "Kontrahierte Kapazitäten", "Ergebnisse langfristiger Ausschreibungen", "Regelenergiezonen", "MOL Abweichungen", and "Flexibility". Two red callout boxes are present: "Menu navigation" points to the top navigation bar, and "Expanded navigation" points to the "Kontrahierte Kapazitäten" item in the right column.

Veröffentlichungen	Regelenergie
Preise >	Externe Regelenergie
Regelenergie >	Interne Regelenergie
Konvertierung >	Kontrahierte Kapazitäten
Umlagekonten >	Ergebnisse langfristiger Ausschreibungen
Virtueller Handlungspunkt >	Regelenergiezonen
MBI und Kapazitätsrückkauf >	MOL Abweichungen
Transparenz >	Flexibility

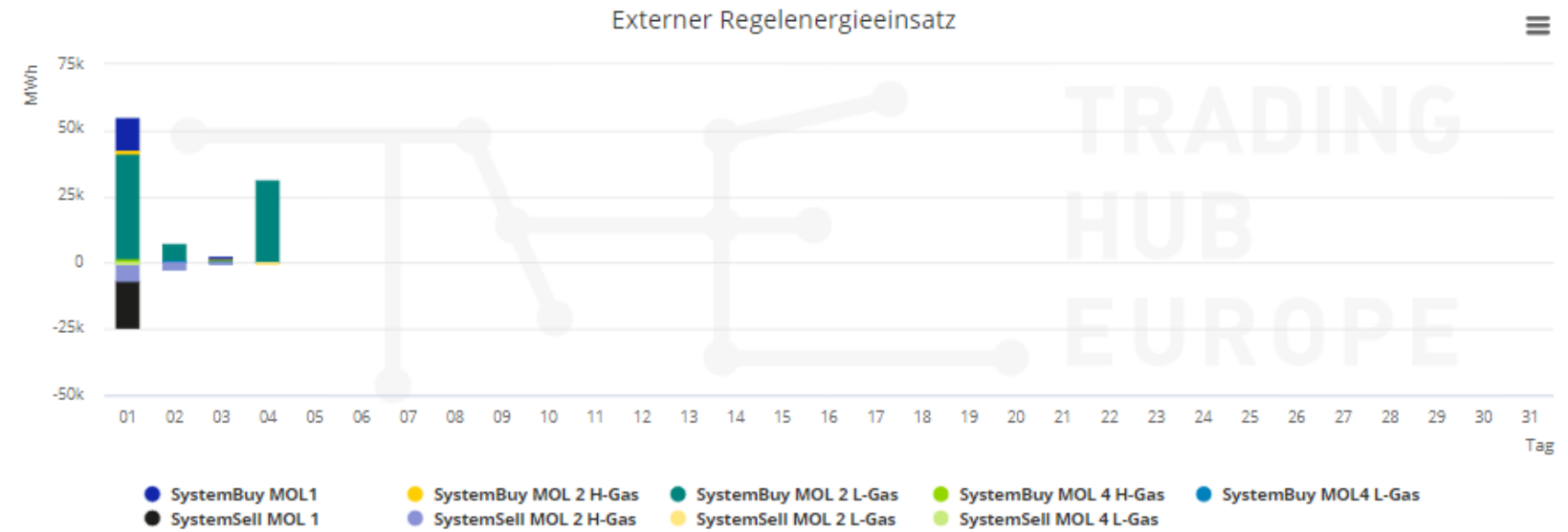
Impressions

Filter options

Externer Regelenergieeinsatz



Diagrammfilter



Information on XML retrieval



Download





Impressions

Aggregierte Verbrauchsdaten

Tabellenfilter

Gastag	SLPsyn H-Gas	SLPana H-Gas	SLPsyn L-Gas	SLPana L-Gas	RLMmT H-Gas	RLMmT L-Gas	RLMoT H-Gas	RLMoT L-Gas	Status
04.03.2021	595.177.540	88.389.744	180.443.780	70.579.610					vorläufig
03.03.2021	614.385.200	95.821.176	168.070.270	76.599.504					vorläufig
02.03.2021	666.962.900	94.586.496	184.502.940	72.401.090	766.226.600	206.564.610	14.891.879	11.341.283	vorläufig
01.03.2021	710.560.960	93.430.080	197.371.580	73.889.690	645.991.800	191.734.850	15.412.350	11.261.258	vorläufig

  [Download](#)

Download as
csv file

General information and services

- Information on the company, shareholders and management of THE
- Press area
- Newsroom
- E-mail subscription: THE press releases and newsletters
- HR area for applicants
- Contact area for all customer groups and other market partners
- Service area for NOs, BGMs and balancing gas providers
- Direct access to all THE client portals
- Publication of the contractual terms & conditions
- Publication of trading partners at the THE VTP
- All contents and services of the THE website will be available in German and English

Overview of data published (1/2)

Prices

- Imbalance prices
- Charges and fees
- Prices for quantity differences
- Flexibility cost contribution
- Reconciliation prices
- Transport cost surcharge/deduction

Conversion

- Virtual conversion
- Commercial conversion
- Technical conversion
- Conversion measures

Balancing gas

- External balancing gas
- Internal balancing gas
- Contracted transportation capacity
- Results of long-term tenders
- Balancing zones
- Deviations from merit order
- Flexibility

Neutrality accounts

- SLP balancing neutrality account
- RLM balancing neutrality account
- Conversion neutrality account

Overview of data published (2/2)

Virtual Trading Point

- VTP THE development
- Trading participants
- Development of exchange-based gas trading
- Development of broker gas trading

MBIs and capacity buy-back

- MBI demand notice
- MBI use
- Capacity buy-back demand notice
- Capacity buy-back use
- Potential
- Total costs

Transparency

- REMIT
- Aggregated balancing status
- Sec. 26 balancing group contract
- Market area monitor
- Aggregated consumption data
- Transparency list
- Daily network balancing account settlement

Other functionalities

Download/automatic retrieval

- All dynamic publications can be exported as csv./Excel.
- In addition, an XML interface is implemented for automated data retrieval

Push services

- A free push service is available for the publication of the provisional balancing gas prices and the provisional flexibility cost contributions
- Registration/deregistration is possible at any time
- A free push service is also available for the publication of MBI demand and capacity buy-back demand

RSS feed

- REMIT-relevant information and news are provided in the RSS feed

THE customer portal

Trading Hub Europe



Video einfügen

Market communication

Trading Hub Europe



Web masks and certificates

1. Web masks for checking and changing EDIFACT market communication parameters

- AS2 web mask
- SMTP web mask

2. Use of certificates from 1 June 2021 for communication with the GPL and NCG market areas

- Certificates for communication with the GPL market area
- Certificates for communication with the NCG market area
- Certificates for communication with the THE market area

Web mask for AS2 protocol

Incorporate AS2 mask video

Web mask for SMTP protocol

Incorporate SMTP mask video

Use of certificates for EDIFACT market communication with the GASPOOL market area (GPL)

Before 1 June 2021

The certificates currently used at GPL for EDIFACT market communication via

- AS2
- SMTP

are used for messaging

After 1 June 2021

It is not necessary to change certificates for EDIFACT market communication

The certificates currently used for

- AS2
- SMTP

will be used for messaging.

Use of certificates for EDIFACT market communication with the NetConnect Germany (NCG) market area

Before 1 June 2021

The certificates currently used at NCG for EDIFACT market communication via

- AS2
- SMTP

are used for messaging

On 17 May 2021

- Upon the establishment of Trading Hub Europe on 1 June 2021, new certificates will be issued for the NCG market area
- The certificates for AS2 and SMTP will be distributed to the market partners by mail and published on the NCG website

After 1 June 2021 until 30 September 2021

The new certificates for EDIFACT market communication via

- AS2
- SMTP

will be used for messaging

Use of certificates for EDIFACT market communication with the Trading Hub Europe (THE) market area

The certificates for EDIFACT market communication via

- AS2
- SMTP

have already been distributed to the market partners of GPL and NCG by mail and are published on the GPL and NCG websites

Before 1 October 2021

EDIFACT messages for the contract period of October, which are already transmitted in September, will be sent to the THE market area with the THE certificates

After 1 October 2021

EDIFACT market communication for the market areas

- GPL
- NCG
- THE

will be carried out exclusively with THE certificates via the THE communication links from 1 October 2021

Agenda for messaging

1. Messaging until 1 October 2021

- Declaration
- Allocation

2. Messaging from 1 October 2021

- Declaration
- Allocation
- Balancing group status
- Nomination

Messaging until 1 October 2021

Until the communication date of 30 Sept. 2021, there will be no changes for contract periods until 1 October 2021:

- Data for the GPL market area will be communicated via the **Market Partner Identification code (MP ID) GPL** with the AS2 and email addresses of GPL.
- Data for the NCG market area will be communicated via the MP ID NCG with the AS2 and email addresses of NCG
- **Exception:** All market communication taking place before 1 October 2021 for contract periods commencing on or after 1 October 2021 will be handled via the new Trading Hub Europe MP ID.

Examples of this exception:

- Declaration for Oct. 2021 in Sept. 2021 from **Market Area Manager (MAM) to Balance Group Manager (BGM)**
- SLP allocation for 1 Oct. 2021 on 30 Sept. 2021 (from MAM to BGM)
- Nomination process on 30 Sept. 2021 for 1 Oct. 2021

Declaration messages - TSIMSG -

Example: Declaration in September for the contract period of September

Sender: GPL (edi@gaspool.de; as2.gaspool.de)
NCG (edi@net-connect-germany.de; as2.net-connect-germany.de)

BG nomenclatures: NCHB400123456789 / NCLB400123456789 / GASPOOLBH1234567 /
GASPOOLBL1234567

```
UNB+UNOC:3+9870112500011:502+9800123400005:502+210919:1146+123456789'  
UNH+1+UTILMD:D:11A:UN:5.2b'  
[...]  
NAD+MS+9870112500011::332'  
NAD+MR+9800123400005::332'  
[...]  
CCI+Z19++NCLB400123456789'  
CCI+++Z17:GABi-RLMmT'  
NAD+VY+9870099900009::332'  
[...]  
UNT+34+1'  
UNZ+1+123456789'
```

Allocation messages

- ALOCAT -

Example: Allocation in September for the contract period of September

Sender: GPL (edi@gaspool.de; as2.gaspool.de)
NCG (edi@net-connect-germany.de; as2.net-connect-germany.de)

BG nomenclatures: NCHB400123456789 / NCLB400123456789 / GASPOOLBH1234567 /
GASPOOLBL1234567

```
UNB+UNOA:3+9870113300014:502+9800123400005:502+210922:1243+123456789'  
UNH+1+ORDRSP:D:07A:UN:DVGW18'  
[...]  
NAD+MS+9870113300014::332'  
NAD+MR+9800123400005::332'  
[...]  
NAD+ZEU+GASPOOLBH1234567::332'  
NAD+ZSO+9870099900009::332'  
UNS+S'  
UNT+1609+1'  
UNZ+1+123456789'
```

Declaration messages - TSIMSG -

Example: Declaration in September for the contract period of October

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

```
UNB+UNOC:3+9800505300009:502+9800123400005:502+211019:1146+123456789'  
UNH+1+UTILMD:D:11A:UN:5.2b'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
CCI+Z19++THE0BFH123450001'  
CCI+++Z17:GABi-RLMmT'  
NAD+VY+9870099900009::332'  
[...]  
UNT+34+1'  
UNZ+1+123456789'
```

Exception

Allocation messages - ALOCAT -

Example: Allocation in September for the contract period of October

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

SLP-ALOCAT on 30 Sep. 09 2021 for 1 Oct. 2021

```
UNB+UNOA:3+9800505300009:502+9800123400005:502+210930:1243+123456789'  
UNH+1+ORDRSP:D:07A:UN:DVGW18'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
NAD+ZEU+THE0BFH123450001::332'  
NAD+ZSO+9870099900009::332'  
UNS+S'  
UNT+1609+1'  
UNZ+1+123456789'
```

Exception

Messaging from 1 October 2021

From the communication date of 1 October 2021, all EDIFACT market communication will take place exclusively with Trading Hub Europe

Sender / recipient:	THE
Market partner ID:	9800505300009
Communication paths:	Email <u>edi@edm.tradinghub.eu</u>
	AS2 <u>as2.edm.tradinghub.eu</u>

Messaging from 1 October 2021

Supported formats at the start of the new market area on 1 October 2021

	Message sent by BGM to MAM	Message sent by MAM to BGM
TSIMSG	-	5.10 / 5.2c
ALOCAT	-	5.11
IMBNOT	-	5.7
TRANOT	-	5.8
NOMINT EDIFACT	4.5 / 4.6	-
NOMRES EDIFACT	-	4.7
NOMINT XML	4.0 EU-XML 5.1	-
NOMRES EU-XML	-	5.1

Maximum message size is 10MB
 Message bundling per MP ID
 (balancing group manager)

Declaration messages

- TSIMSG -

Example: Declaration in October for the contract period of September

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)
BG nomenclatures: NCHB400123456789 / NCLB400123456789 / GASPOOLBH1234567 /
GASPOOLBL1234567

```
UNB+UNOC:3+9800505300009:502+9800123400005:502+211019:1146+123456789'  
UNH+1+UTILMD:D:11A:UN:5.2c'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
CCI+Z19++NCLB400123456789'  
CCI+++Z17:GABi-RLMmT'  
NAD+VY+9870099900009::332'  
[...]  
UNT+34+1'  
UNZ+1+123456789'
```

Allocation messages

- ALOCAT -

Example: Allocation in October for the contract period of October

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

RLM-ALOCAT on 5 Oct. 2021 for 4 Oct. 2021

```
UNB+UNOA:3+9800505300009:502+9800123400005:502+211005:1243+123456789'  
UNH+1+ORDRSP:D:07A:UN:DVGW18'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
NAD+ZEU+THE0BFH123450001::332'  
NAD+ZSO+9870099900009::332'  
UNS+S'  
UNT+1609+1'  
UNZ+1+123456789'
```

Declaration messages - TSIMSG -

Example: Declaration in October for the contract period of October

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

```
UNB+UNOC:3+9800505300009:502+9800123400005:502+211019:1146+123456789'  
UNH+1+UTILMD:D:11A:UN:5.2c'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
CCI+Z19++THE0BFH123450001'  
CCI+++Z17:GABi-RLMmT'  
NAD+VY+9870099900009::332'  
[...]  
UNT+34+1'  
UNZ+1+123456789'
```

Allocation messages

- ALOCAT -

Example: Allocation in October for the contract period prior to October

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)
BG nomenclatures: NCHB400123456789 / NCLB400123456789 / GASPOOLBH1234567 /
GASPOOLBL1234567

RLM-ALOCAT-M+14 for September

```
UNB+UNOA:3+9800505300009:502+9800123400005:502+211022:1243+123456789'  
UNH+1+ORDRSP:D:07A:UN:DVGW18'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
NAD+ZEU+GASPOOLBH1234567::332'  
NAD+ZSO+98700999900009::332'  
UNS+S'  
UNT+1609+1'  
UNZ+1+123456789'
```

Balancing group status - IMBNOT / TRANOT -

Example: Energy balancing data in October for the contract period of September 2021

Sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)
BG nomenclatures: NCHB400123456789 / NCLB400123456789 / GASPOOLBH1234567 /
GASPOOLBL1234567

```
UNB+UNOA:3+9800505300009:502+9800123400005:502+211016:2036+123456789'  
UNH+1+ORDRSP:D:08A:UN:DVGW17'  
[...]  
NAD+MS+9800505300009::332'  
NAD+MR+9800123400005::332'  
[...]  
NAD+ZEU+GASPOOLBH1234567::332'  
UNS+S'  
UNT+20+1'  
UNZ+1+123456789'
```


VTP nominations - NOMINT EDIFACT -

Example: Starting September 1st Nominations for October 2021

Recipient/sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

```
UNB+UNOA:3+9800123400005:502+9800505300009:502+211010:1503+123456789'  
UNH+1+ORDERS:D:07A:UN:DVGW17'  
[...]  
NAD+MS+9800123400005::332'  
NAD+MR+9800505300009::332'  
[...]  
NAD+ZEU+THE0BFH123450001::332'  
NAD+ZES+THE0BFL123450002::332'  
UNS+S'  
UNT+16+1'  
UNZ+1+123456789
```

VTP nominations - NOMINT EU-XML -

Example: Nominations from October via EU-XML

Recipient/sender: THE (edi@edm.tradinghub.eu; as2.edm.tradinghub.eu)

BG nomenclatures: THE0BFH123450001, THE0BFL123450001

```
<?xml version="1.0" encoding="UTF-8"?>
<Nomination_Document xmlns="urn:easeegas.eu:edigas:nominationandmatching:nominationdocument:5:1" release="3">
<identification>NOMINT123456</identification>
<version>1</version>
<type>55G</type>
[...]
<contractReference>THE0BFH123450001</contractReference>
<contractType>CT</contractType>
<issuer_MarketParticipant.identification codingScheme="332">9800123400005</issuer_MarketParticipant.identification>
<issuer_MarketParticipant.marketRole.code>ZSH</issuer_MarketParticipant.marketRole.code>
<recipient_MarketParticipant.identification codingScheme="332">9800505300009</recipient_MarketParticipant.identification>
<recipient_MarketParticipant.marketRole.code>ZSY</recipient_MarketParticipant.marketRole.code>
<ConnectionPoint>
<identification codingScheme="305">37Z005053MH0000D</identification>
[...]
<internalAccount codingScheme="ZSO">THE0BFH123450001</internalAccount>
<externalAccount codingScheme="ZSO">THE0BFH123450002</externalAccount>
[...]
</ConnectionPoint>
</Nomination_Document>
```

VTP and VTP-Portal

Trading Hub Europe



VTP - THE

- EIC Code THE: [37Z005053MH0000D](#)
- Go-live: 1.9.2021 (VTP & VTP-Portal)
- ...THE can be nominated from this point in time

- THE will offer a service provider functionality
- An authorized shipper can nominate for balancing groups of an authorizing shipper (and receive NOMRES)
- The service providers DVGW-code can be used, this is in line with the rules of the 1:1 market partner communication

- Implementation of changes in flow direction
- NCGs as well as GASPOOLS logic will be available
- Shippers can send one NOMINT with one time series in the LIN segment of the message where the time series contains a change of sign or
- Shippers can send two separated NOMINTs, one with the buy and one with the sell time series; fields for hours with no data must be filled with zeros

VTP - THE

Nomination with change of flow direction:

- Either:
One LIN-segment

hour	quantity
6	Buy
7	Buy
8	Buy
9	Buy
10	Buy
11	Buy
12	Buy
13	Buy
14	Buy
15	Buy
16	Sell
17	Sell
18	Sell
19	Sell
20	Sell
21	Sell
22	Sell
23	Sell
00	Sell
01	Sell
02	Sell
03	Sell
04	Buy
05	Buy

- Or:
Separated NOMINT for Buy/Sell

hour	quantity
6	Buy
7	Buy
8	Buy
9	Buy
10	Buy
11	Buy
12	Buy
13	Buy
14	Buy
15	Buy
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
00	0
01	0
02	0
03	0
04	Buy
05	Buy

hour	quantity
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	Sell
17	Sell
18	Sell
19	Sell
20	Sell
21	Sell
22	Sell
23	Sell
00	Sell
01	Sell
02	Sell
03	Sell
04	0
05	0

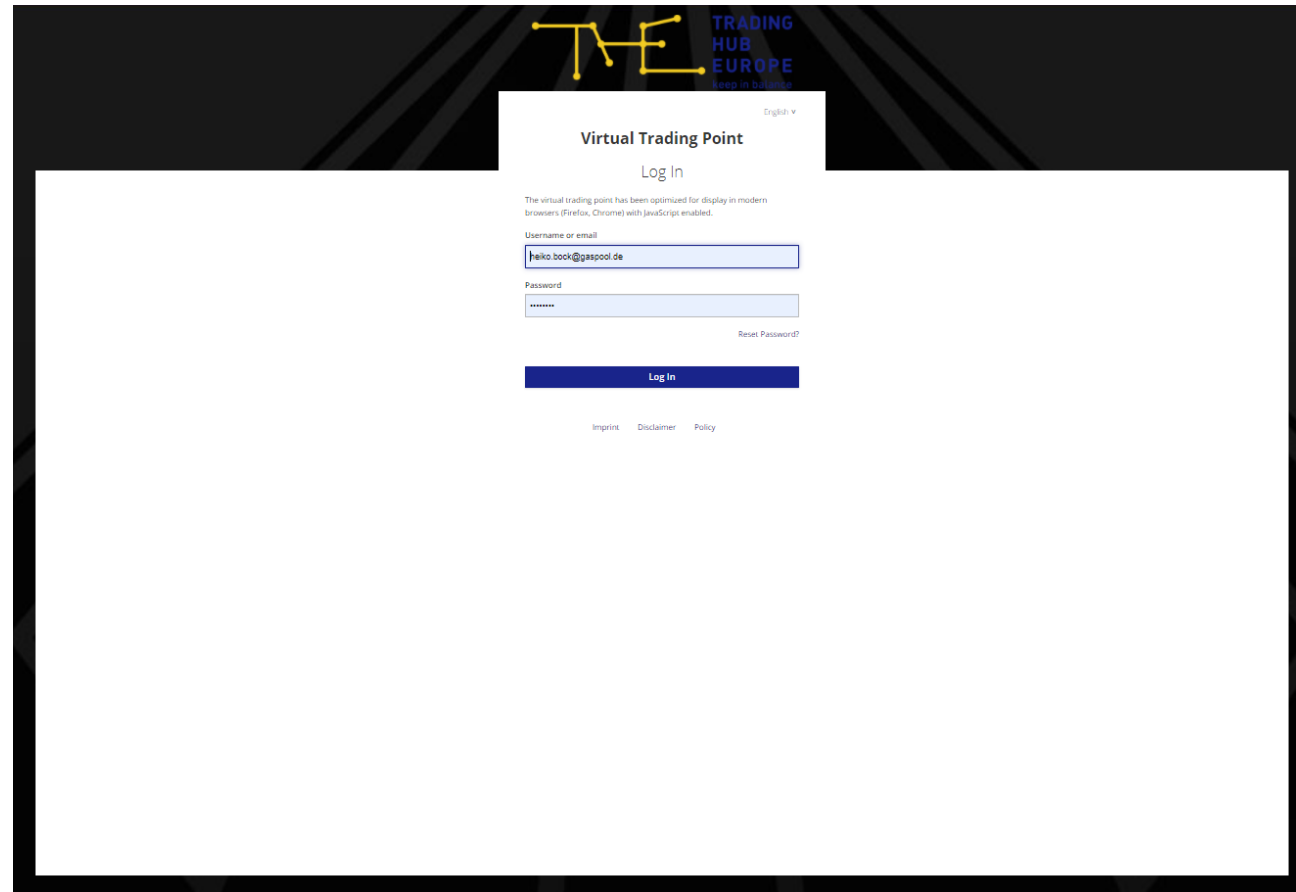


- Representation in THE-VTP system

hour	Buy	Sell
6	Buy	0
7	Buy	0
8	Buy	0
9	Buy	0
10	Buy	0
11	Buy	0
12	Buy	0
13	Buy	0
14	Buy	0
15	Buy	0
16	0	Sell
17	0	Sell
18	0	Sell
19	0	Sell
20	0	Sell
21	0	Sell
22	0	Sell
23	0	Sell
00	0	Sell
01	0	Sell
02	0	Sell
03	0	Sell
04	Buy	0
05	Buy	0

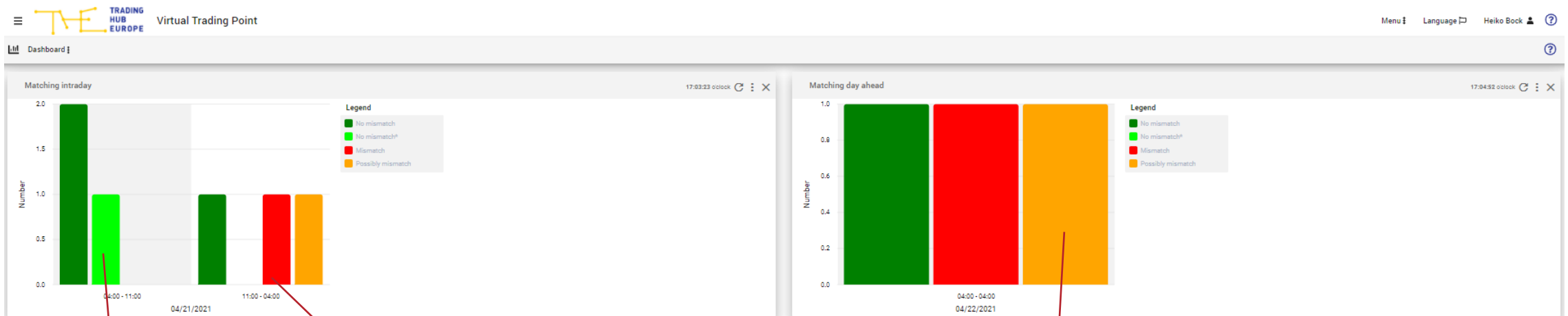
VTP - Portal

- VTP-portal link will be provided and published before go live:



VTP - Portal

- Starting page is the dashboard with intraday – and day ahead matching overview:



matched

mismatch

not yet matched

VTP - Portal

- Overview of traded quantities on daily basis with matching status per balancing group:

The screenshot displays the VTP Portal interface. At the top, there is a navigation bar with the logo 'THE TRADING HUB EUROPE Virtual Trading Point', a menu icon, language settings, and the user name 'Heiko Bock'. Below the navigation bar, there is a 'Filter criteria' section and a 'Start date' field set to '4/22/2021'. The main content area is divided into two sections. The upper section, titled 'Select balancing group', contains a table with columns for 'Balancing group code', 'Partner name', and 'Phone'. All rows in this table are checked. A red callout box with the text 'select balancing group(s)' points to this table. The lower section, titled 'Result: 04/22/2021', contains a table with columns for 'Balancing group code', 'Partner name', 'Matching status', and various quantity columns. A red callout box with the text 'matching status/overview quantities' points to this table. The 'Matching status' column shows colored indicators: white, green, orange, and red.

Balancing group code	Partner name	Matching status	Nom Buy [kWh]	Counterpart Nom Sell [kWh]	Match Buy [kWh]	Nom Sell [kWh]	Counterpart Nom Buy [kWh]	Match Sell [kWh]	Gas quality
THE9BEH16660000	Test BKV 6	white							H
THE9BEH15350000	Test BKV 5	white							H
THE9BBH14440000	Test BKV 4	green			36,000	36,000	36,000		H
THE9BBH13330000		white							H
THE9BEH12220000	Test BKV 2	orange					60,000		H
THE9BEH11110000	Testhändler Bilanzkreis 1	red	96,000	36,000				36,000	H

VTP - Portal

- Nominate in four steps.
 1. Choose own balancing group:

The screenshot shows the 'Select a balancing group' step in the VTP Portal. The page header includes the 'THE TRADING HUB EUROPE' logo and 'Virtual Trading Point'. The main content area is titled 'Select a balancing group' and contains a table with the following data:

	Q, Balancing group code	Q, Partner name	Phone
<input type="checkbox"/>	THE9BBH13330000	Test BKV 3	☎
<input type="checkbox"/>	THE9BBH14440000	Test BKV 4	☎
<input checked="" type="checkbox"/>	THE9BBH11110000	Testhändler Bilanzkreis 1	☎
<input type="checkbox"/>	THE9BBH12220000	Test BKV 2	☎
<input type="checkbox"/>	THE9BBH15550000	Test BKV 5	☎
<input type="checkbox"/>	THE9BBH16660000	Test BKV 6	☎

At the bottom of the table, there is a pagination control showing 'Items per page: 10' and '1 - 6 of 6'.

VTP - Portal

- Nominate in four steps.
 1. Choose balancing group
 2. Choose date and time:



VTP - Portal

- Nominate in four steps.
 1. Select a balancing group
 2. Set the date (Trading from 01/01/2020 - 12/31/8999 possible)
 3. Choose counterparty balancing group:

The screenshot displays the 'Virtual Trading Point' (VTP) portal interface. At the top, there is a navigation menu with the 'THE TRADING HUB EUROPE' logo and the text 'Virtual Trading Point'. A status bar below the menu shows 'Präsentation wurde zuletzt gespeichert: Gerade eben' and 'Filter criteria'. The main content area is divided into two panels: 'Counterparties BUY' and 'Counterparties SELL'. Each panel contains a table with columns for 'Balancing group code', 'Partner name', and 'Phone'. The 'BUY' panel shows four rows of data, and the 'SELL' panel shows four rows of data. Both panels have a 'Table filter' input field and a 'Items per page' dropdown menu. The 'BUY' panel shows 'Items per page 4' and '1 - 4 of 9'. The 'SELL' panel shows 'Items per page 4' and '1 - 4 of 7'. The interface also includes a 'Nomination' button and a 'Filter criteria' button.

<input type="checkbox"/>	Balancing group code	Partner name	Phone
<input type="checkbox"/>	THEVHPTSH0300000	Gelbgas GmbH	☎
<input type="checkbox"/>	THEVHPTSH0300000	THET1 (BKV)	☎
<input type="checkbox"/>	THEVHPTSH0000001	THET1 (BKV)	☎
<input type="checkbox"/>	THEVHPTSH0000002	THET2 (BKV)	☎

<input type="checkbox"/>	Balancing group code	Partner name	Phone
<input type="checkbox"/>	THEVHPTSH0300000	Gelbgas GmbH	☎
<input type="checkbox"/>	THEVHPTSH0300000	THET1 (BKV)	☎
<input type="checkbox"/>	THEVHPTSH0000001	THET1 (BKV)	☎
<input type="checkbox"/>	THEVHPTSH0000002	THET2 (BKV)	☎

VTP - Portal

- Nominate in four steps.
 1. Select market
 2. Select contract
 3. Select time series
 4. Enter time series and save to nominate:

The screenshot shows the VTP portal interface. At the top, there is a navigation bar with the logo 'THE TRADING HUB EUROPE' and 'Virtual Trading Point'. Below this, there are tabs for 'Nomination' and 'Opposite direction'. The main area displays a nomination entry: 'BUY: THE9BEH11110000 (Testhändler Bilanzkreis 1) - THEVHPTSH0000001 (THET1 (BVA))'. Below the entry is a table for entering time series data. The table has a header 'Stunde 04/21/2021' and a column 'Amount [kWh/h]'. The rows represent hourly intervals from 05-06 to 04-05. A red box labeled 'flow change' is positioned to the right of the table, with a red line pointing to the 10-11 interval row.

Stunde 04/21/2021	Amount [kWh/h]
05-06	
06-07	
07-08	
08-09	
09-10	
10-11	
11-12	
12-13	
13-14	
14-15	
15-16	
16-17	
17-18	
18-19	
19-20	
20-21	
21-22	
22-23	
23-24	
00-01	
01-02	
02-03	
03-04	
04-05	

VTP – Portal: „explaining videos“

- THE currently prepares videos explaining the usage of the VTP-portal, those will be available on THEs website

VTP market consultation, MBIs and capacity buy-back

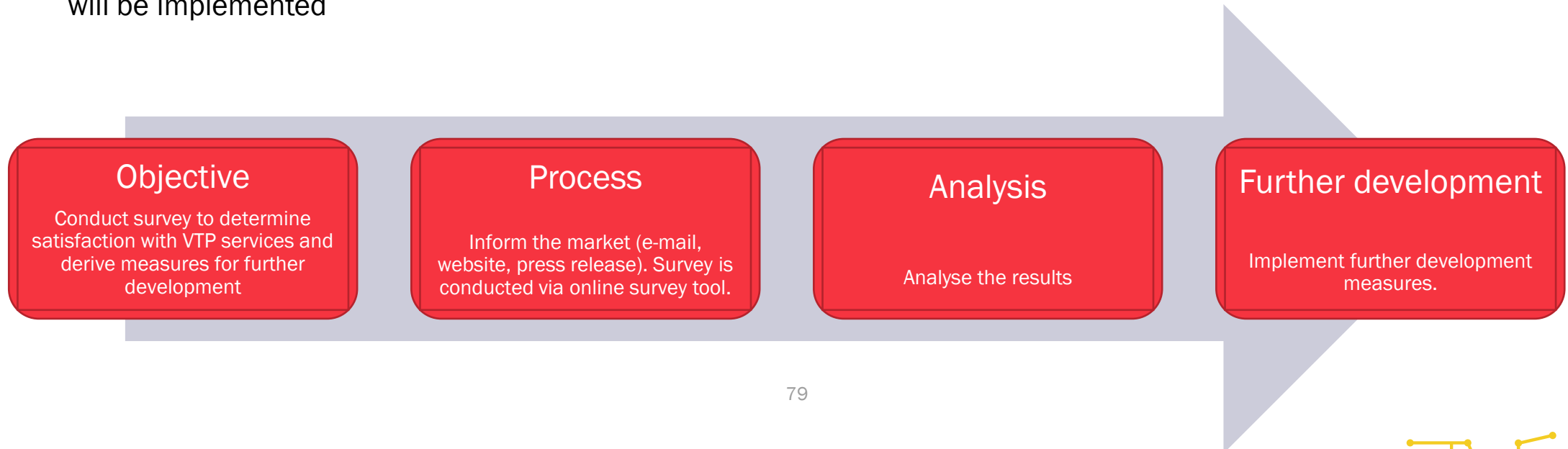


Trading Hub Europe

VTP market consultation

Conducting annual VTP market consultations

- The MAMs will conduct annual market consultations on the services related to the VTP
- The annual market consultations will take place in the middle of the year
- The market consultations will provide the basis for a potential further development of the VTP
- The results of the VTP market consultations will be published on the respective MAM websites
- The proposals/adaptation requests will be discussed and evaluated internally, and reasonable adaptation requests will be implemented



VTP market consultation Approach in 2021

- A regular VTP market consultation is not planned for this year due to the upcoming market area merger
 - The current MAM systems and VTP services will be discontinued, which is why a market consultation on these systems and services does not make sense.
 - The MAMs have come up with a concept for the future VTP system and VTP services, which will be implemented in the new THE market area
- However, the Federal Network Agency's requires an annual survey on the VTP services to be conducted
- In 2021, this survey will be conducted "orally" as part of the BGM workshop
 - At the BGM workshop, which will be held after the presentations, the participants will have the opportunity to put forward ideas and suggestions on the future VTP system and the VTP services, among other things.
 - There will also be an opportunity to send ideas and suggestions to the following email addresses by 7 May 2021 (eob):
market@net-connect-germany.com and/or bkv@gaspool.de
- The results will be published on the MAM websites
- The ideas and suggestions will be taken into account for future adjustments after 1 October 2021
- From 2022 onwards, the regular surveys will again be carried out

VTP market consultation

Oral survey

Please answer the following questions:

- Do you have specific expectations regarding the future VTP (services, portal, etc.)?
- Do you expect the market area merger to have a positive effect on liquidity at the future THE VTP?
- What measures could bring about an increase in liquidity on the spot and derivatives market at THE VTP?
- Do you have any other comments?

When commenting on the future VTP portal, please bear in mind that it is designed around the current NCG solution



MBIs and capacity buy-back

General (1/2)

- Following the implementation of the new market area, there will only be one single market area. For the balancing gas products this means:
 - Global quantities can be made available in the entire market area
 - There will be one L-gas product for all L-gas network areas and one H-gas product for all H-gas network areas
 - In addition, there will be local products
- The same (local) trading products as for balancing gas will be used for the market-based instruments (MBIs) to maintain capacity at the TSOs.
- MBIs will be procured (like balancing gas) by the MAM
- The MAM will perform capacity buy-backs if MBIs cannot resolve the congestion

MBIs and capacity buy-back

General (2/2)

- The existing NCG- and GASPOOL-specific global and quality-specific exchange products will be merged into uniform THE products
- The existing TTF order book will continue to be used for the employment of balancing gas across the adjacent market area
- For local products, there will be "area order books" for the new balancing gas areas instead of the previous "zone order books" for each balancing gas zone or network operator area; in addition, there will be so-called "VIP products" and "cluster products"

MBIs and capacity buy-back

Overview of daily products

In the THE market area, the following daily products (DA/RoD delivery) will be traded on the exchange from 1 October 2021:

Within Day/Day Ahead/Saturday/Sunday/Bank Holiday		
Balancing gas	Global	
	Quality H	
	Quality L	
	TTF	
	L-gas areas (North L, South L)	
	MBIs	H-gas areas (North H, South H)
		H-gas VIPs (North H NL, North H BE, South H NL, South H BE)
		H-gas area clusters (North H Cluster, South H Cluster)

} Local products

Thank You.

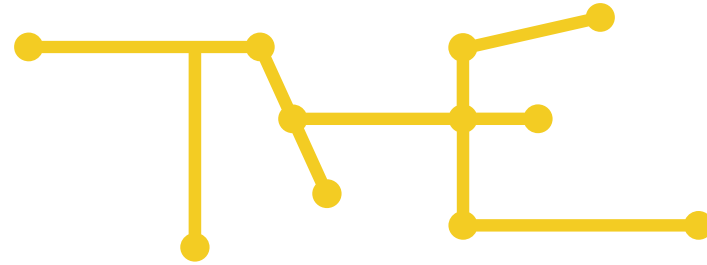
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