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Security Platform Gas



Agenda

Security Platform Gas

- a) Regulatory/statutory background
- b) Areas of application for the Security Platform Gas
- c) Essential functions of the Security Platform Gas
- d) Planned further developments

Regulatory/ statutory background

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Regulatory/statutory background

- In the event that gas supply is directly at risk or disrupted and the risk or disruption cannot be remedied by market-based measures, cannot be remedied in time or can only be remedied by disproportionate means, the vital need for gas shall be met by a sovereign load distributor.
- If the German government declares an emergency in accordance with Regulation (EU) 2017/1938 on measures to safeguard security of gas supply ("SoS Regulation") and the Emergency Plan for Gas, the Federal Network Agency will take charge in its capacity as the Federal Load Distributor as provided for in the Energy Security Act (EnSiG).
- If there is a gas shortage, the Federal Load Distributor takes over the sovereign distribution and allocation of the scarce gas quantities by issuing instructions to that effect.
- A digital platform – the Security Platform Gas – has been developed jointly by the Federal Ministry for Economic Affairs and Climate Action (BMWK), the Federal Network Agency (BNetzA) and Trading Hub Europe (THE) for the processing of measures pursuant to Section 1a of the Gas Security Ordinance (GasSV) and solidarity measures pursuant to Section 2a of the EnSiG.
- Trading Hub Europe is the organisation making the Security Platform Gas available to market participants.
- The balancing group managers and end users with a technical connection capacity of at least 10 MWh/h have to register with the Security Platform Gas pursuant to section 1a (2) GasSV (the registration form can be downloaded from the Security Platform Gas website).

Areas of application for the Security Platform Gas

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Areas of application and operation

- Areas of application for Security Platform Gas:
 - **Scenario 1:** Procurement of gas quantities in a national gas shortage situation
 - **Scenario 2:** Procurement of gas quantities on the basis of market-based bids at the request of member states
 - **Scenario 3:** Non-market-based procurement of gas quantities at the request of member states
- Handling of government obligations in a solidarity or crisis situation as well as provision and call-off of market-based bids in a solidarity situation
 - Ensure transparency about current levels of gas consumption by end users with a technical connection capacity of ≥ 10 MWh/h
 - Identify gas saving measures and issue instructions to end users to reduce their consumption in a national gas shortage situation (Scenario 1) or in a non-market-based solidarity situation (Scenario 3)
 - Member states can call market-based bids from BGMs and end users (Scenario 2)
- Ensuring efficient communication with the market players involved
- The Security Platform Gas is operated by THE and has been available since 29.09.22

Essential functions of the Security Platform Gas

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Essential functions of the Security Platform Gas (1/3)

(1) Registration of end users taking ≥ 10 MWh/h as well as balancing group managers

- All end users with a technical connection capacity of at least 10 MWh/h and all balancing group managers in the Trading Hub Europe market area have had to register on the Security Platform Gas since October 2022.

(2) Data entry by end users

- End users must enter relevant data on the Platform to identify a possible drop in gas consumption, for which an instruction can be issued by the Federal Load Distributor.
- Data relevant to the work of the Federal Network Agency in its capacity as the Federal Load Distributor include the cost of interrupting gas supplies, planned gas consumption levels and the social relevance of the end user's production.
- In a given situation, end users can once again check and/or update the data they have entered.
- End users can offer available gas quantities in a market-based solidarity situation (Scenario 2), which can be accepted by requesting member states.

Essential functions of the Security Platform Gas (2/3)

(3) Allocation of end users to balancing groups / balancing subgroups and networks via the market location ID

- The market location ID is supposed to be used to allocate the end users' contract details to the balancing groups / balancing subgroups of the balancing group managers and the networks.
- The network operators are obliged to make this allocation available to the Platform and to update it continuously. Data communication is via THE.

(4) Bids submitted by balancing group managers

- The balancing group managers can submit bids for available gas quantities in a market-based solidarity situation (Scenario 2), which can be accepted by requesting member states.

(5) Call by member state(s) (Scenario 2)

- In Scenario 2, a bid is usually submitted by a bidder for the following gas day on a market-based/voluntary basis.
- The requesting member state(s) will call gas quantities directly from and under a contractual relationship with the relevant supplier.
- The gas quantities contracted by the requesting member state are then transferred to the corresponding member state.

Essential functions of the Security Platform Gas (3/3)

(6) Receipt and presentation of the load profile data submitted by the network operators

- Network operators are obliged to submit load profile data for the market location IDs registered on the Platform to THE. These details are made available to the Federal Load Distributor.

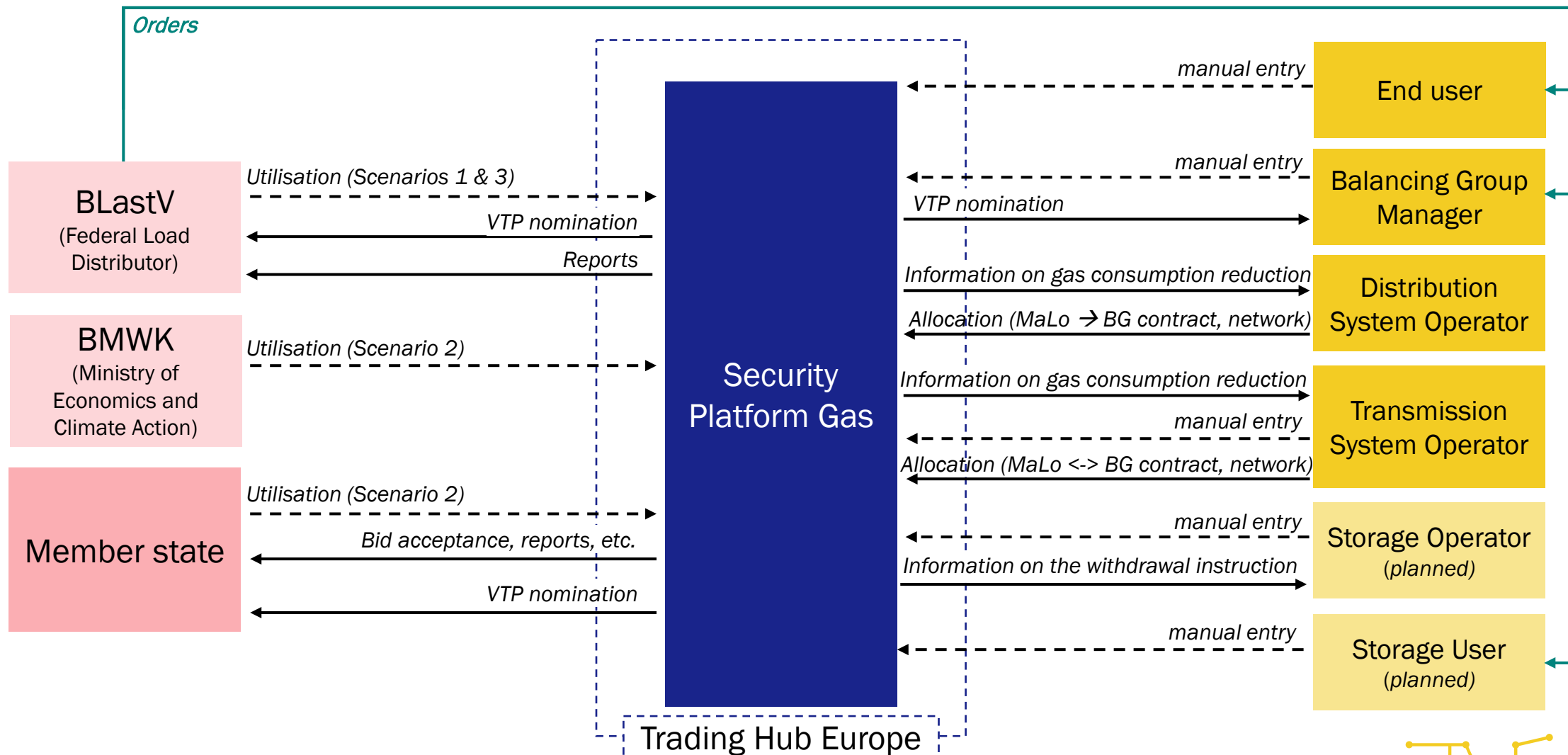
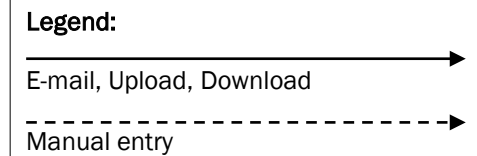
(7) Implementation of instruction to reduce gas consumption (Scenarios 1 and 3)

- In a given situation, the Federal Load Distributor will use the Platform to instruct end users to reduce their gas consumption.
- The balancing group managers in whose balancing groups/balancing subgroups the end users' (market location ID) exit points have been allocated will receive a corresponding instruction to maintain the entry quantities to the balancing group. In addition, a single-sided nomination is carried out in the amount of the instructed gas consumption reduction (VTP exit into the balancing group / balancing subgroup of the balancing group manager, VTP entry into the balancing group of the Federal Load Distributor).
- In addition, the respective network operators in whose network area the respective the end users' exit points have been allocated will also be informed about the gas consumption reduction.

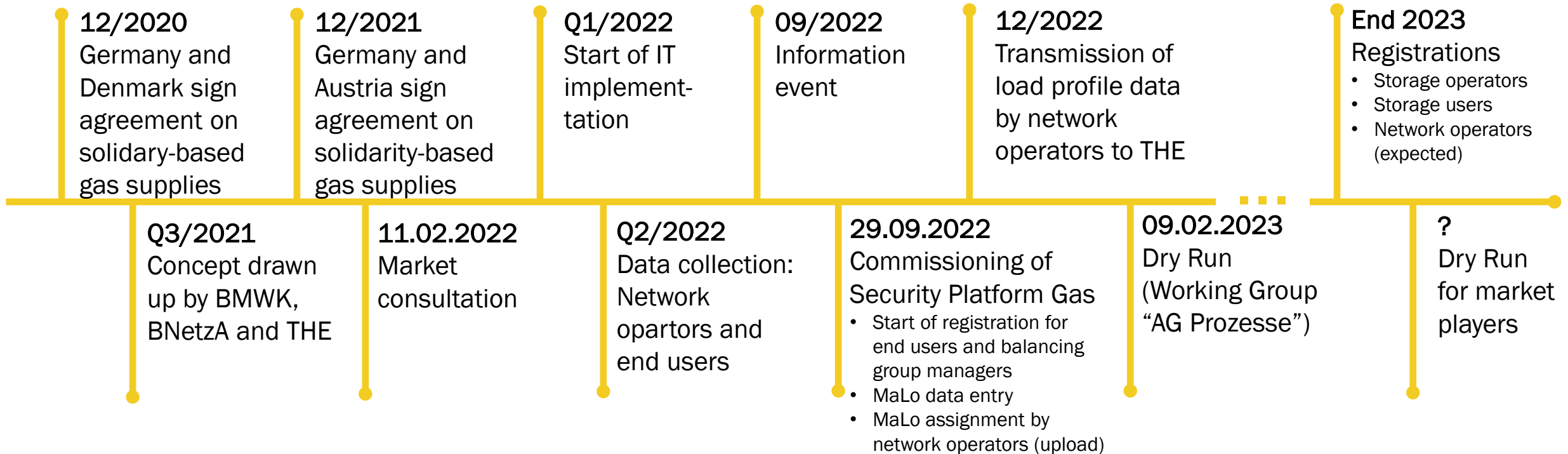
(8) Registration of storage users, storage operators and network operators (planned in 2023)

- All storage users, storage operators and network operators in the Trading Hub Europe market area will also need to register on the Platform.

Overview of data flows



Timeline



Planned further developments

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Planned further developments

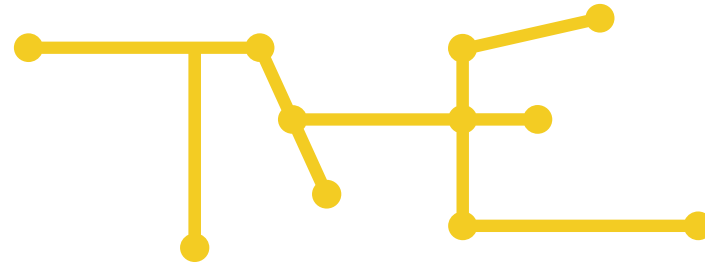
Registration of
storage users

Registration of
storage operators

Registration of
network operators

Optimisation of views
already available

Aggregated presentation of
ordered gas consumption
reductions /
storage withdrawal
on the Platform



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Trading Hub Europe GmbH

Head office:
Kaiserswerther Straße 115
40880 Ratingen

Berlin office:
Anna-Louisa-Karsch-Straße 2
10178 Berlin

www.tradinghub.eu

Managing Director

Dr Thomas Becker, Jörg Ehmke,
Torsten Frank, Dr Sebastian Kemper

Düsseldorf Local Court, HRB 93885

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