

Great Solution for Auctioning

How the TSOs of the EnC Contracting Parties
may use the GSA Platform?

Vienna, 13 February 2020



GSA Platform

GSA PLATFORM®



An advanced IT tool for offering capacity in natural gas transmission systems

Established in July 2014 in response to NC CAM requirement to auction capacity using booking platforms

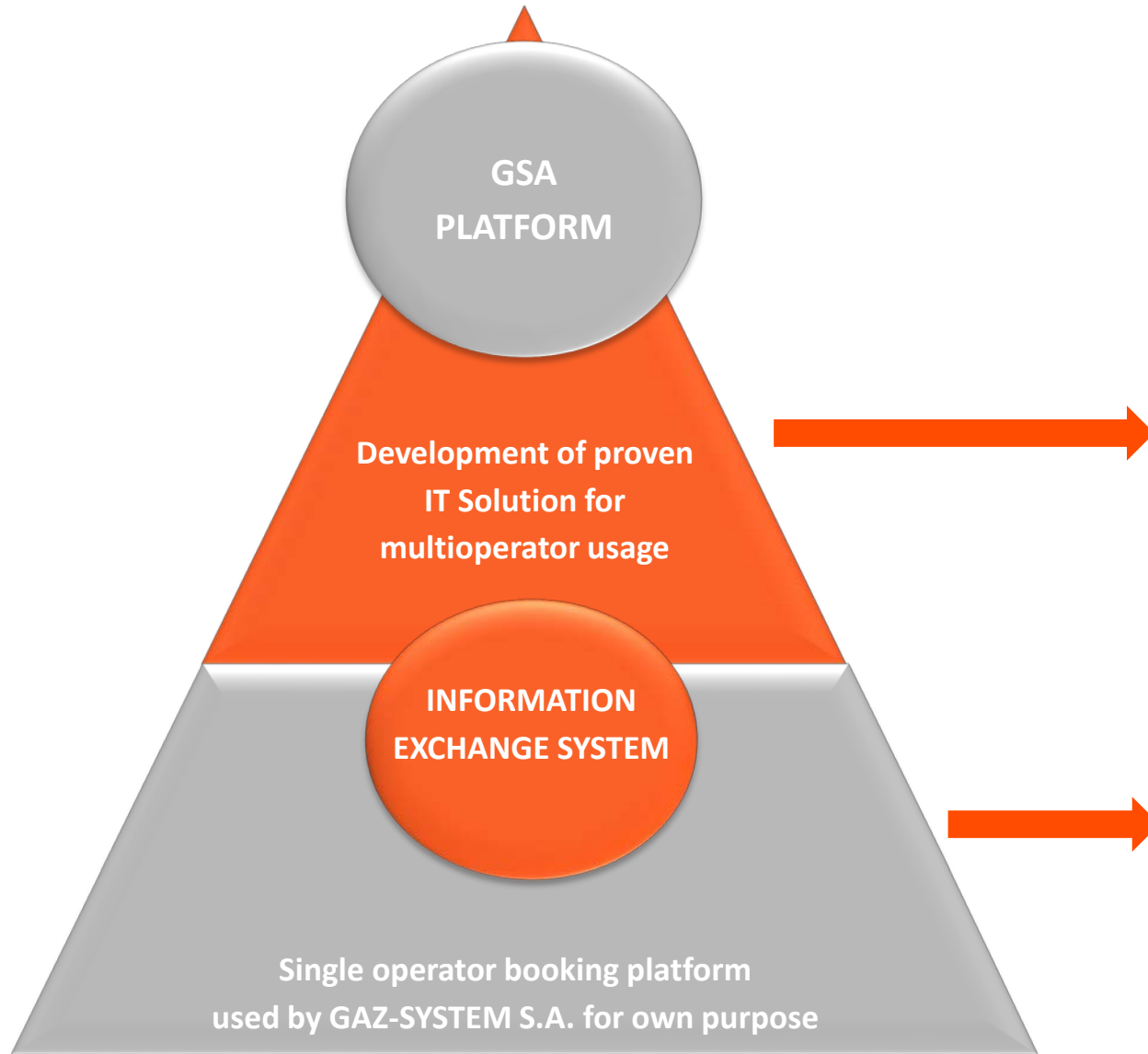


Tailor made and cost reasonable solution allowing TSOs to meet the legal obligation and optimise the processes

Easy to use and free of charge IT tool for acquiring capacity and providing various benefits for market participants



GSA PLATFORM DEVELOPMENT



- 1 Nov 2015 - first auctions of day-ahead and within-day products and reaching full alignment with CAM NC requirements
- 21 July 2014 - first auctions of the monthly products on new GAZ-SYSTEM Auctions (GSA) Platform
- 28 Nov 2013 - first auction of the monthly product for Dec 2013 conducted via Information Exchange System (IES) Portal. The M product was offered on the IPs between PL and neighbouring countries.
- 2 Dec 2013 - first auction of the Q product conducted via IES Portal

GSA PLATFORM KEY FIGURES



➤ **3** – Number of TSOs

➤ **73** – Number of Shippers

➤ **210** – Number of users

➤ **Over 450 000** – Total number of auctions carried out

➤ **17** – Maximum number of participants in one auction

➤ **33** – Maximum number of rounds (duration – 7 days)

WHAT MAKES GSA PLATFORM A GREAT SOLUTION FOR AUCTIONING?

FLEXIBILITY

and 'fit to the purpose' philosophy – ready for the implementation of individual, market-specific TSO's requirements

OPEN PROTOCOLS AND MESSAGES (AS4, EDIG@S 5.1)

highly developed interface features with communication for document-based data exchange

WELL-DESIGNED

and ergonomic user interface for Shippers and TSOs – application is intuitive and easy to navigate



EASY & SIMPLE INTEGRATION

in the simple way can adopt to TSO's IT back-end system with all necessary adjustments

USER FRIENDLINESS

- Possibility to:
- add new languages,
 - connect with Shipper's back-end system,
 - provide prices in national currencies

EFFICIENT AND STABLE IT SYSTEM

high reliability and availability of the GSA Platform with fast data access

COST-EFFECTIVE SERVICES

smart fee methodology enabling TSOs to reduce expenses on IT tools for auctioning of bundled and unbundled capacity products

PRICING MODEL & GOVERNANCE

Governance
Governance structure and rules established with TSO members involvement in platform's development and implementation of new functionalities

Development flexibility
Due to the simplified and synergy oriented governance model, development of required additional functionalities may be introduced without delay



Pricing model
Pricing model based on number of IPs, each TSO joining the GSA Platform lowers unit cost of its operation and implementation

No fee for auctions
Fixed fee for using the platform is independent from the number of auctions carried out by TSO at the contractual IP (per direction)

Free for shippers
No additional payments for shippers (automatic connection free of charge)

EU REGULATION COMPLIANCE

CAM NC

REMIT

automated bidding and day-ahead bid roll-over

allocation of firm and interruptible capacity

reporting obligations

ascending clock auctions (Y,Q,M)
uniform price auctions (DA, WD)

interoperability and data exchange obligations

bundling of capacity

allocation of incremental capacity & extra
functionality for market demand assesment

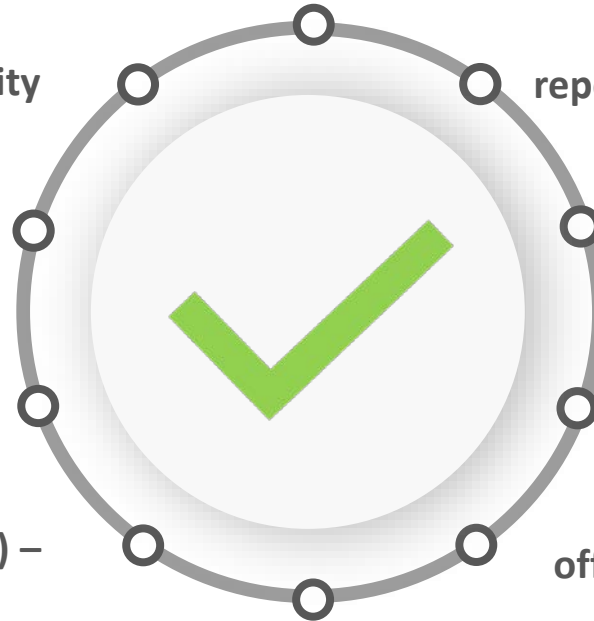
secondary capacity trading (OTC, FCFS, CFO) –
also purchase offers

offer of competing capacity products

surrender of capacity/buyback of capacity

CMP

IO NC



PRIMARY AND SECONDARY MARKET

- **More than 450 000** – total number of auctions carried out in years 2014 – 2019
- **111 240** – total number of auctions carried out in 2019

- **66 679 GWh/h** – total of the offered firm capacity in 2019
- **40 441 GWh/h** – total of the offered interruptible capacity in 2019

- **22 GWh/h** – total of the allocated capacity in long-term products in 2019
- **1 161 GWh/h** – total of the allocated capacity in short-term products in 2019

- **140** – submitted capacity resale offers in years 2014 – 2019
- **110** – transactions done

The GSA Platform offers yearly, quarterly, monthly, daily and within-day products.
The auctions take place in accordance with the
ENTSOG calendar



107 121 GWh/h



1 183 GWh/h

The Users can choose three types of sharing previously reserved capacity via the GSA Platform:

- OTC
- FCFS (First Come First Served)
- Call For Order

CAM NC INCREMENTAL CAPACITY PROCESS AT THE GSA PLATFORM



EU TSOs are required to carry out at least in every odd year, no later than 8 weeks after the start of the annual auction, **a non-binding market demand assessment (MDA) for incremental capacity** at interconnection points between the neighbouring transmission systems



GSA Platform

In 2019 a new functionality was launched allowing TSOs to carry out the incremental MDA **via the GSA Platform**



The MDA functionality is designed **in line with CAM NC and ENTSOG's template for MDA**

It allows **TSOs** to run the non-binding MDA on all entry-exit borders in an automated and reliable manner

It allows **network users** to indicate their demand through a quick and easy-to-use online tool



During binding phase of incremental procedure market demand can be confirmed in incremental auctions



GSA Platform

HOW TO ACCESS GSA PLATFORM – TSO PERSPECTIVE

TSO



Conclusion of the Service Agreement for the use of the GSA Platform or for a pilot project

Self-registration of the first TSO user on the GSA Platform

Account activation by administrators of the GSA Platform



To register and use the GSA Platform, the TSO concludes an agreement for the permanent use of the GSA Platform or for a pilot project.

TSO users shall register on the GSA Platform to manage accounts as well as to create and publish auctions and receive auction results.

HOW TO ACCESS GSA PLATFORM – SHIPPER PERSPECTIVE

SHIPPERS



Awareness and compliance with the GSA Platform Rules

During registration process, the Shipper needs to agree to comply with the GSA Platform Rules defining principles for the use of the GSA Platform.

Scan of Power of attorney & extract from commercial register from Shipper's First User



To use of the GSA Platform, the Shipper needs to provide electronic versions of a power of attorney and excerpt from commercial register.

Documents required by TSOs

To use the GSA Platform, the Shipper needs to be activated by a given TSO, after it submits all the documents required by the TSO.

YOU ARE ALWAYS OUR PRIORITY!

Multi-language interface and service (English, Polish + **possibility to add new languages**)

Multi-currency booking (EUR, PLN, CZK, HUF + **any new currencies, if needed**)



Helpdesk 24/7 (PL/EN)

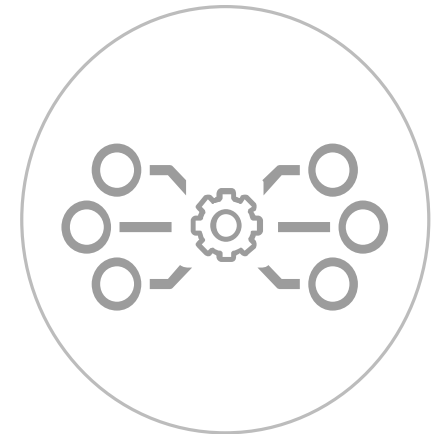
High level of data security (ISO/IEC 27001, ISO/IEC 22301)

General Data Protection Regulation (GDPR) compliance

Credit limit check (EDIG@S/CRELIM), also via WebGUI

Transparent costs for TSOs based on the number of IPs – each new IP reduces overall costs for TSOs

**Full
flexibility**



STANDARISED & EASY TO USE INTERFACE

➤ **Standardized connection** using open protocols and messages (AS4, edig@s 5.1)

Highly developed interface features with communication for document-based data exchange

➤ Based on the **encrypted version of HTTPS protocol** and **using of cryptographic protocol SSL**

The usage of the GSA Platform implies the use of the following technology: Javascript, XML, DHTML, cookies.

➤ **Connection with Shipper back-end system**

The bids can be placed via document-based data exchange (AUCBID messages)

Connection to the GSA Platform
FREE OF CHARGE



PROVEN QUALITY & SECURITY STANDARDS

GSA Platform holds:

- ✓ **CERTUM certificate**
- ✓ **ISO/IEC 27001**
- ✓ **ISO/IEC 22301**

The GSA Platform availability level in 2019
99,9%

GSA Platform IT provider holds the following certificates:

- ✓ **ISO9001** (Quality management systems - Requirements) ability to consistently provide product that meets customer and applicable statutory and regulatory requirements
- ✓ **ISO14001** (Environmental management system standard) in deliveries, implementation and service of IT systems and hardware standard
- ✓ **ISO/IEC 27001** (Information security management standard) in services in IT, IT&T, deliveries and service of systems, hardware and software
- ✓ **AQAP 2210:2006** (Allied Quality Assurance Publication) in design, development, production, installation and service of software
- ✓ **AQAP 2110:2009** (Allied Quality Assurance Publication) in project management in the fields of IT, IT&T, data center and data processing services

DIALOGUE WITH THE MARKET



GSA Platform FORUM



Workshops organized on a
yearly basis



Chance to inform market about
the **updates** and new
functionalities



Forum to **exchange views** with
market participants and receive
feedback

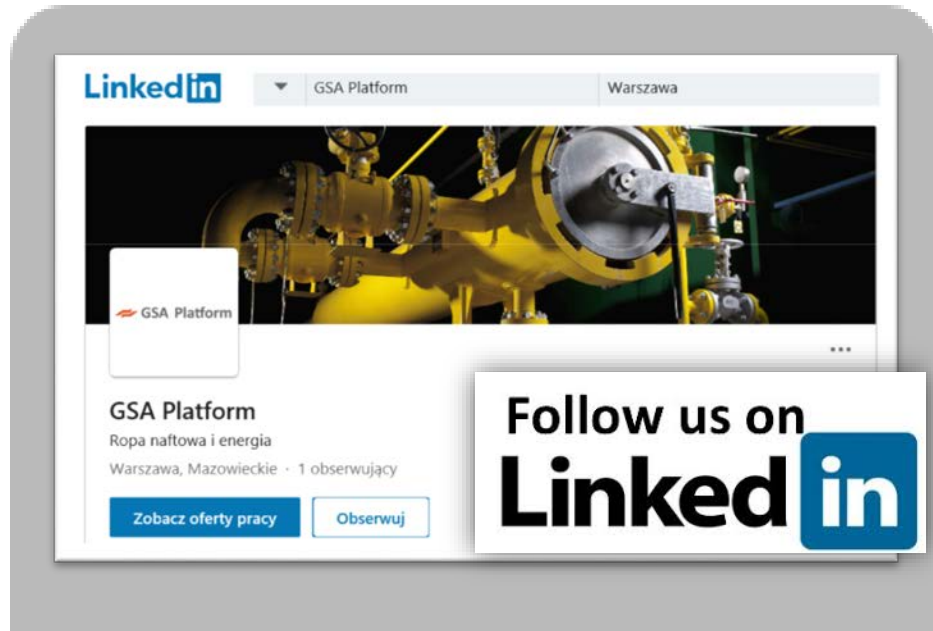
GSA PLATFORM GAS MARKET REPORT FOR GAS YEAR 2018/2019

CONTENT:

- Summary of actions undertaken in the gas year;
- Information on auctions, consultations and changes (to be) implemented;
- Published on the GSA Platform website;
- Send to the Platform users and information providers;
- Published in Polish and English



GSA PLATFORM LINKEDIN PROFILE



Sharing with the GSA Platform network:

- information on workshops, meetings and consultations,
- changes (to be) implemented in the EU regulations as well as GSA Platform documents
- news on our business activity etc.



<https://www.linkedin.com/company/gsa-platform/>

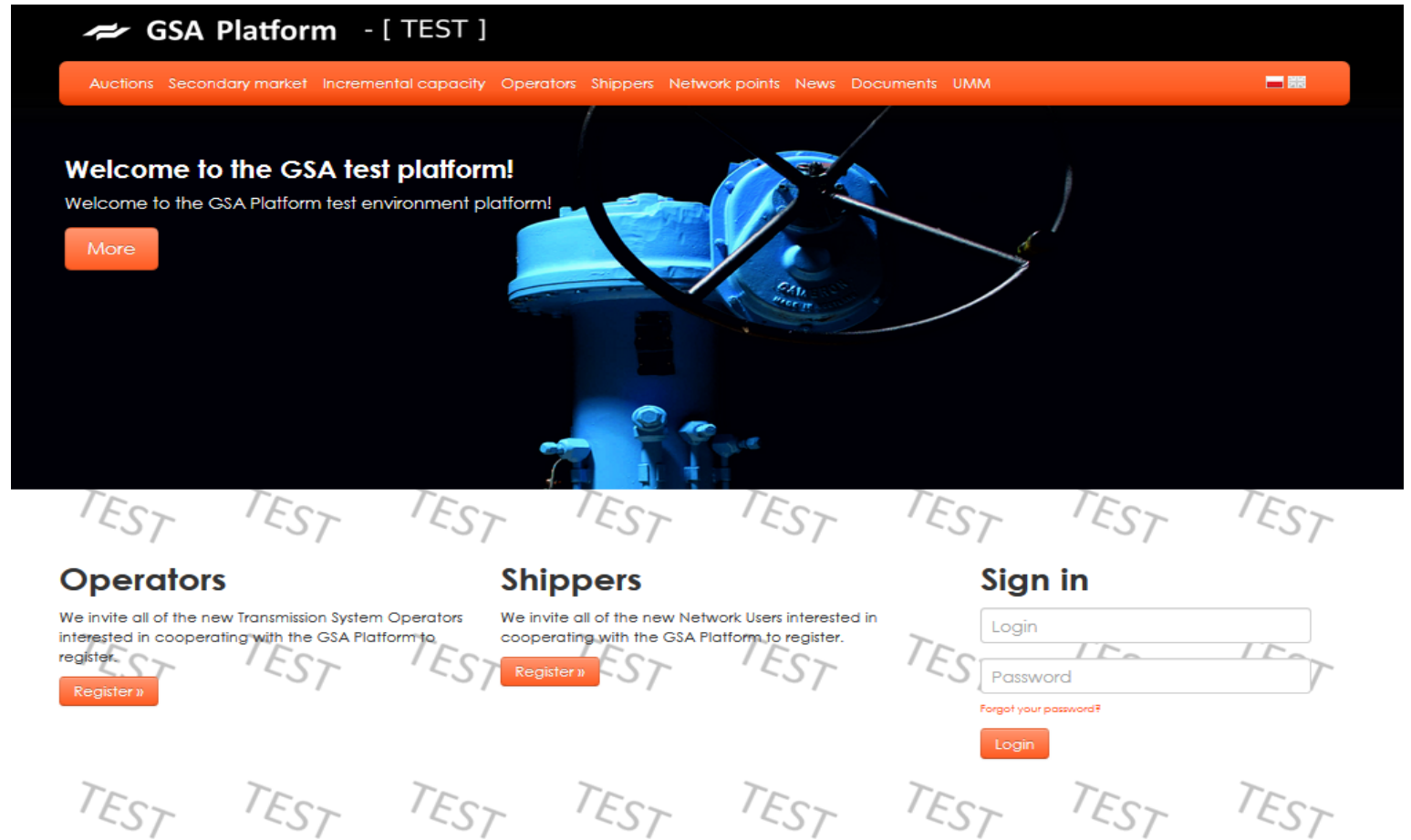
MAKE YOUR OWN OPINION!

Feel invited to test it yourself!

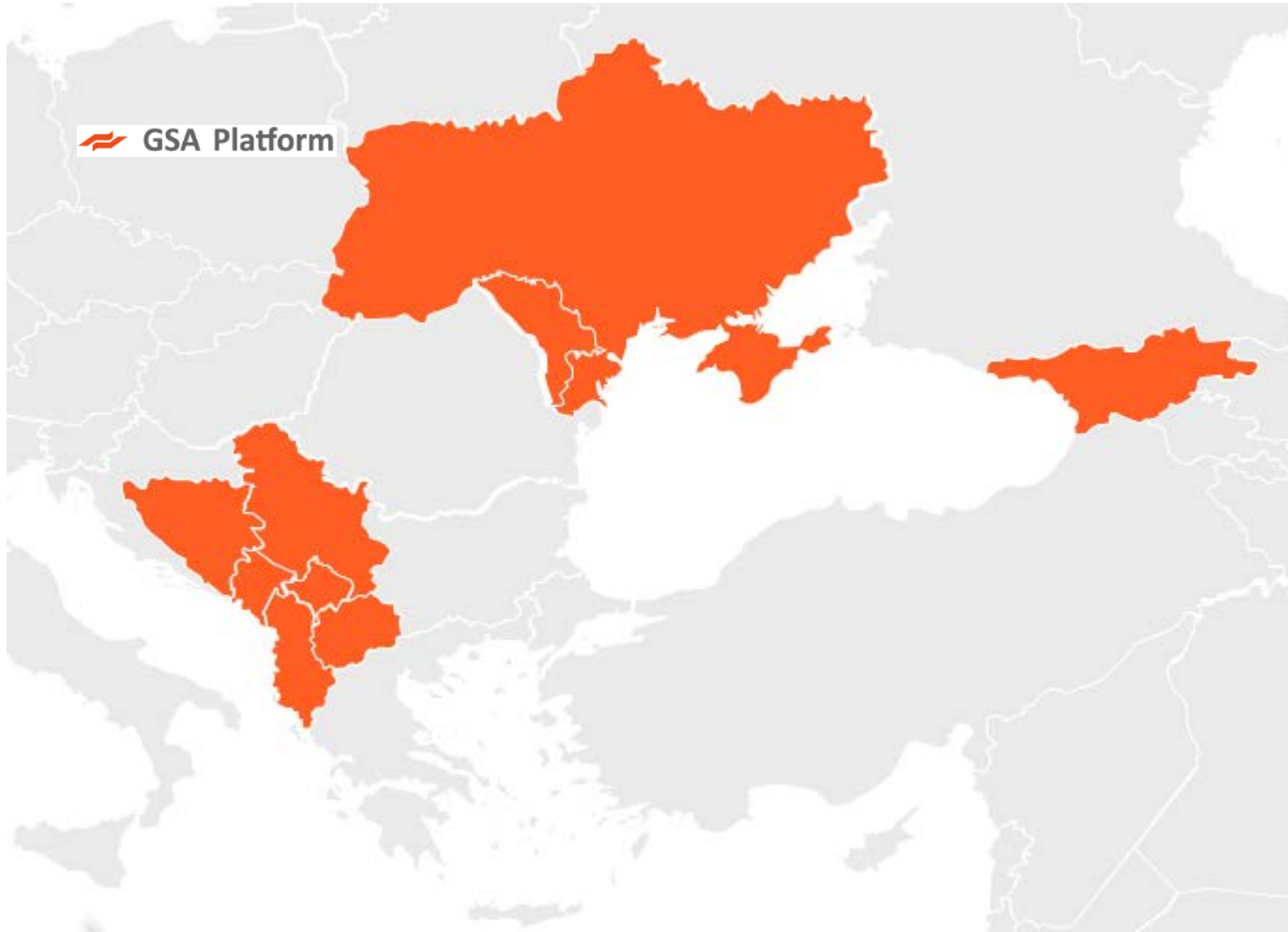


<https://gsaplatform.eu/test2/>

Test version available
FREE OF CHARGE

A screenshot of the GSA Platform test environment. The page has a dark background with a blue and orange color scheme. At the top, there is a navigation bar with the GSA Platform logo and the text "[TEST]". Below the navigation bar, there is a main heading "Welcome to the GSA test platform!" and a sub-heading "Welcome to the GSA Platform test environment platform!". A "More" button is visible. The background features a large image of a blue industrial valve. Below the main content, there are three sections: "Operators" with a "Register »" button, "Shippers" with a "Register »" button, and "Sign in" with "Login" and "Password" input fields and a "Login" button. The word "TEST" is repeated diagonally across the page as a watermark.

GSA PLATFORM WORKSHOPS



- GSA Platform team is ready to organise **dedicated workshops for interested Energy Community TSOs as well as NRAs** willing to have the GSA Platform presented and test its usage.

HOW TO REACH US?



<https://www.linkedin.com/company/gsa-platform/>



<https://gsaplatform.eu/>



Test version: <https://gsaplatform.eu/test2>



Main documents (GSA Platform Rules, GSA Platform Operator's and Shipper's Manuals):
<https://gsaplatform.eu/files/downloads>



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