

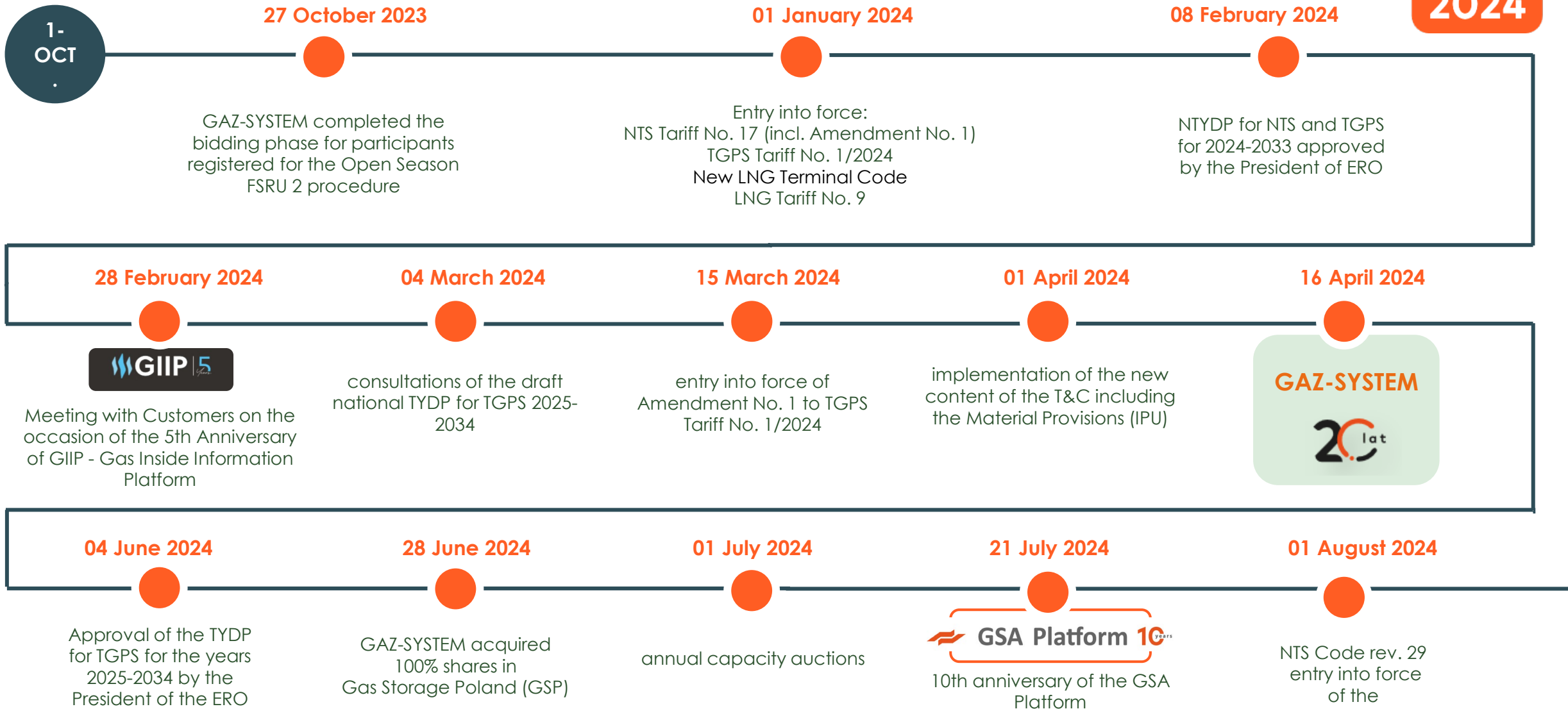
GAZ-SYSTEM FORUM

2024

Gas year 2023/2024
key facts and events



2023/2024 Timeline





Connections to the network



CONDITIONS FOR CONNECTION

 **118**

of which for
biomethane plants:

 **74**

CONNECTION TASKS

 **53**
tasks

 **5** pre-connection
agreements

 **48** connection
agreements

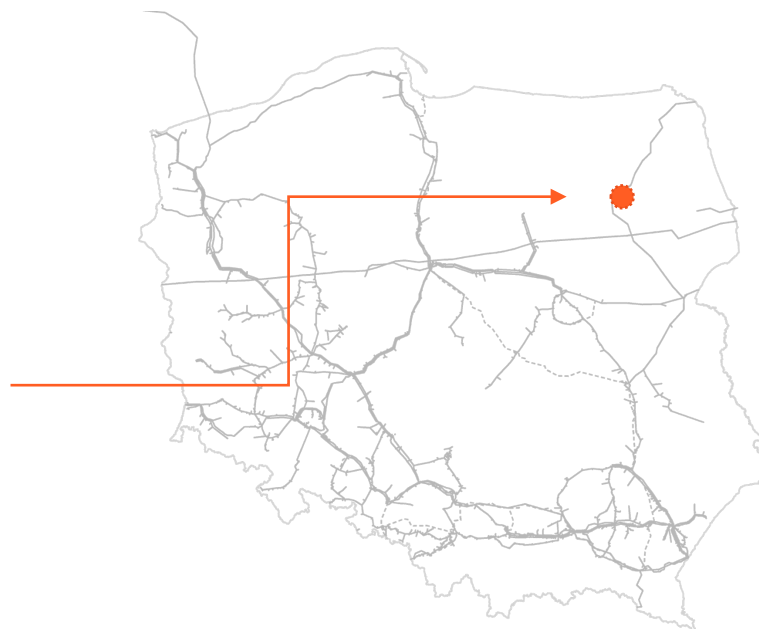
 **15**
connection
agreements
completed

 **2**
connection
agreements assigned

 **29**
connection
agreements annexed

Connection of CCGT Ostrołęka plant

- In December 2023, the CCGT turbine in Ostrołęka was connected. The project involving the construction of the CCGT unit for Energa S.A. is implemented by GE.
- In March 2024, gas was supplied to the pipeline measuring approximately 27 km, connecting the GAZ-SYSTEM metering station with the CCGT power plant under construction.

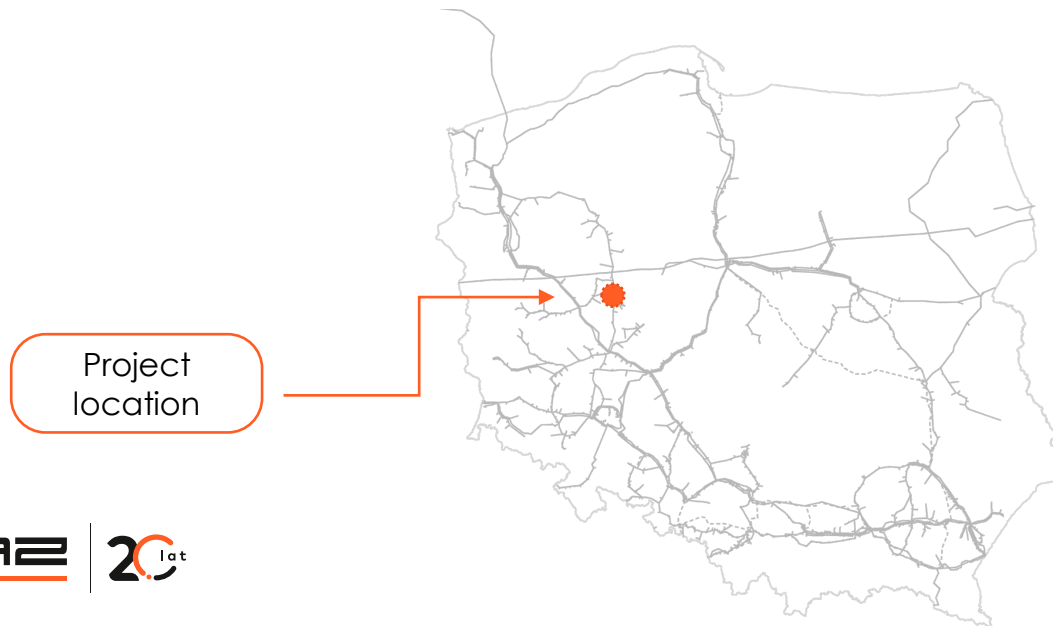


Project
location



Connection of Veolia Poznań

- In April 2024, the connection of the gas unit in Poznań was completed.
- In June, gas was supplied to Veolia gas pipeline connecting the GAZ-SYSTEM metering station to the CHP plant.
- Commissioning of the gas units commenced in July, and commissioning is scheduled in February 2025. The connection will allow the replacement of the heat source for the city of Poznań, as well as the supply of power to the electricity grid from the newly built unit.



Connection of Rybnik 2050

- The connection is implemented in accordance with the Pre-connection Agreement. The conclusion of the Connection Agreement is underway.
- The connection to the transmission grid will allow the source of municipal heating for the city of Rybnik to be changed.



Project
location





Transmission Agreement



Entities in transmission system

Shipper/DSO



140

Shippers/DSOs with whom we concluded transmission contracts under the **National Transmission System (NTS)**

→ **28** DSO

→ **112** Shippers



38 Shippers

with whom we concluded transmission contracts under the **Transit Gas Pipeline System (TGPS)**

The customers of GAZ-SYSTEM's transmission services are mainly Polish entities - currently **107**. In addition, we have concluded transmission agreements with **33** foreign customers operating mainly at interconnections.

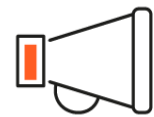
FINAL CUSTOMERS

59 final customers

directly connected to the network



We are continuing the process of concluding agreements with all final customers.



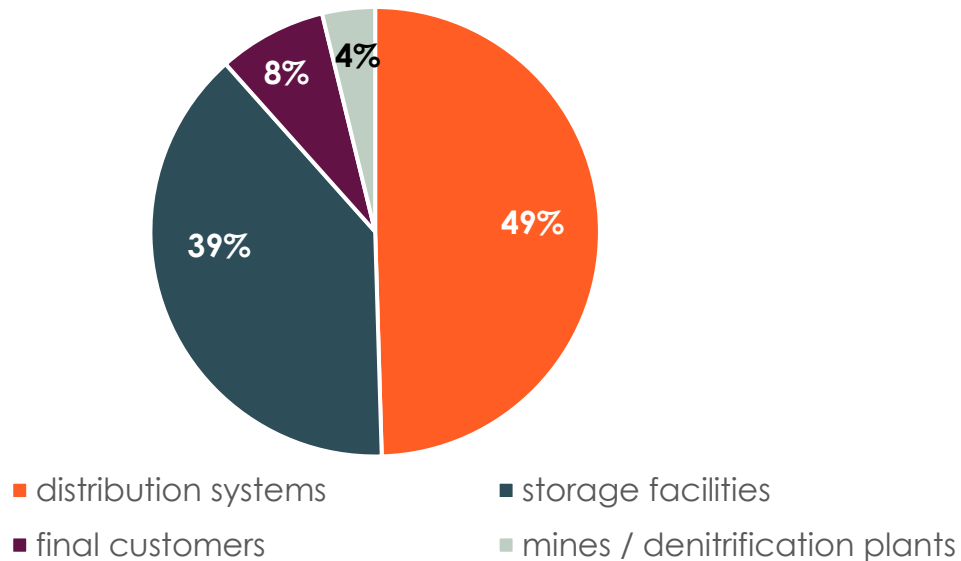
IMPORTANT!
conclusion of the transmission agreement is mandatory

Procedure of making capacity available for the gas year 2024/2025

35 entities have applied for allocation of **916 entry/exit points** within the transmission system.

The overall demand for capacity for the gas year 2024/2025 remains comparable to that in the gas year 2023/2024.

Structure of orders submitted in the Capacity Allocation (PP) Procedure for the gas year 2024/2025

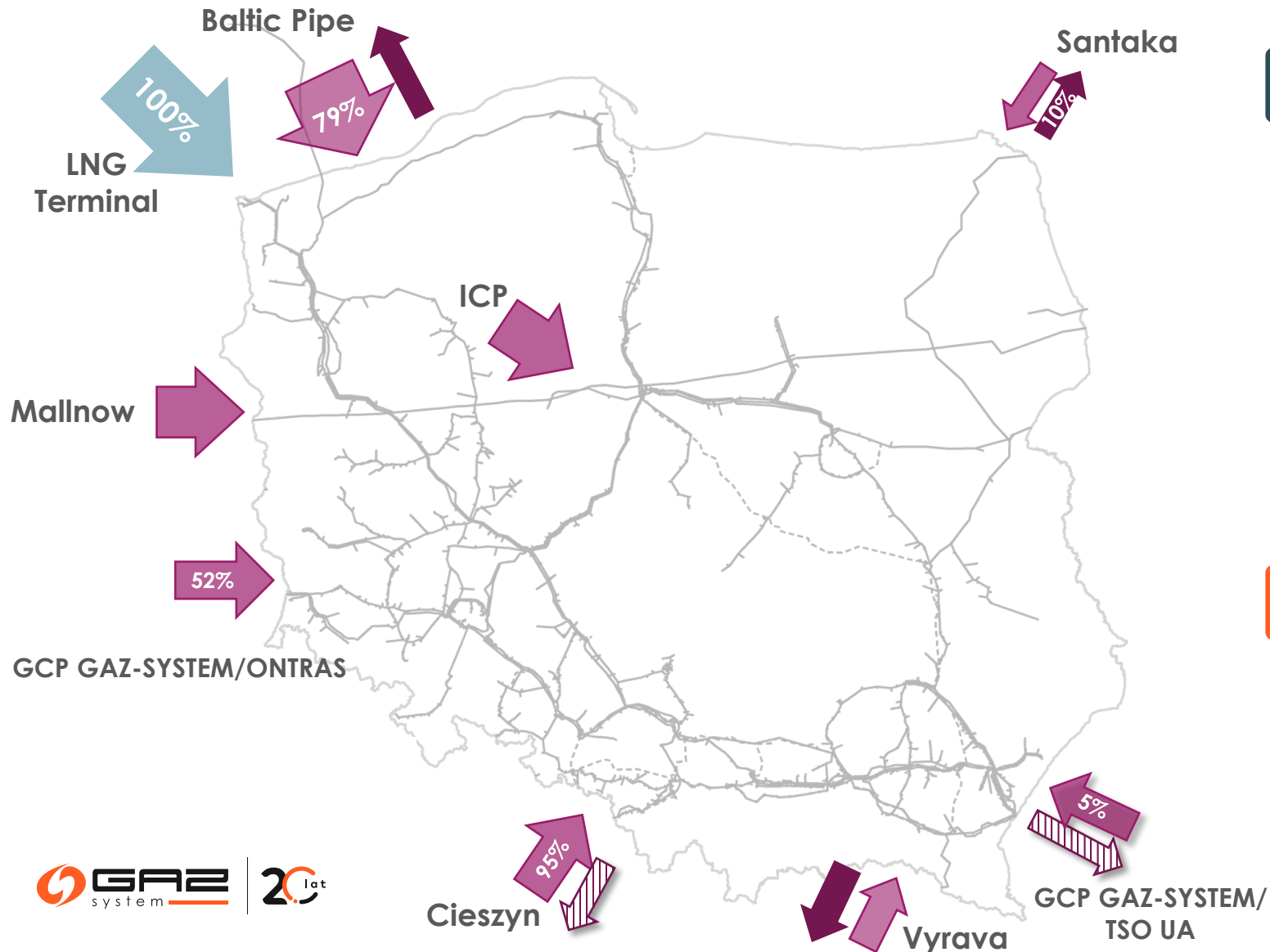


IMPORTANT!



Failure to procure annual product results in the **absence of guarantee of firm capacity availability** at the current level in the following gas years.

Index of contracted capacity at interconnections - status as at 01.10.2024



FORTHCOMING AUCTIONS



Monthly products

firm

21 October
18 November
16 December

interruptible

29 October
26 November
27 December



Quarterly products

firm

4 November

interruptible

2 December

IMPORTANT!

Mallnow interconnector capacity will be allocated on the GSA Platform from July 2025 onwards. Until the launch of yearly capacity offer in July 2025 auction, the associated capacity of the Mallnow interconnector will be available on the GSA Platform.





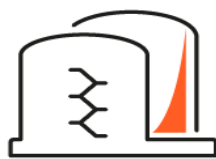
LNG Terminal



LNG Terminal in Świnoujście



Expansion Program Continued



39 LNG cargoes
unloaded

7 121 tank trucks
loaded



(Unchanged
YtY)



(+ 46% YtY)

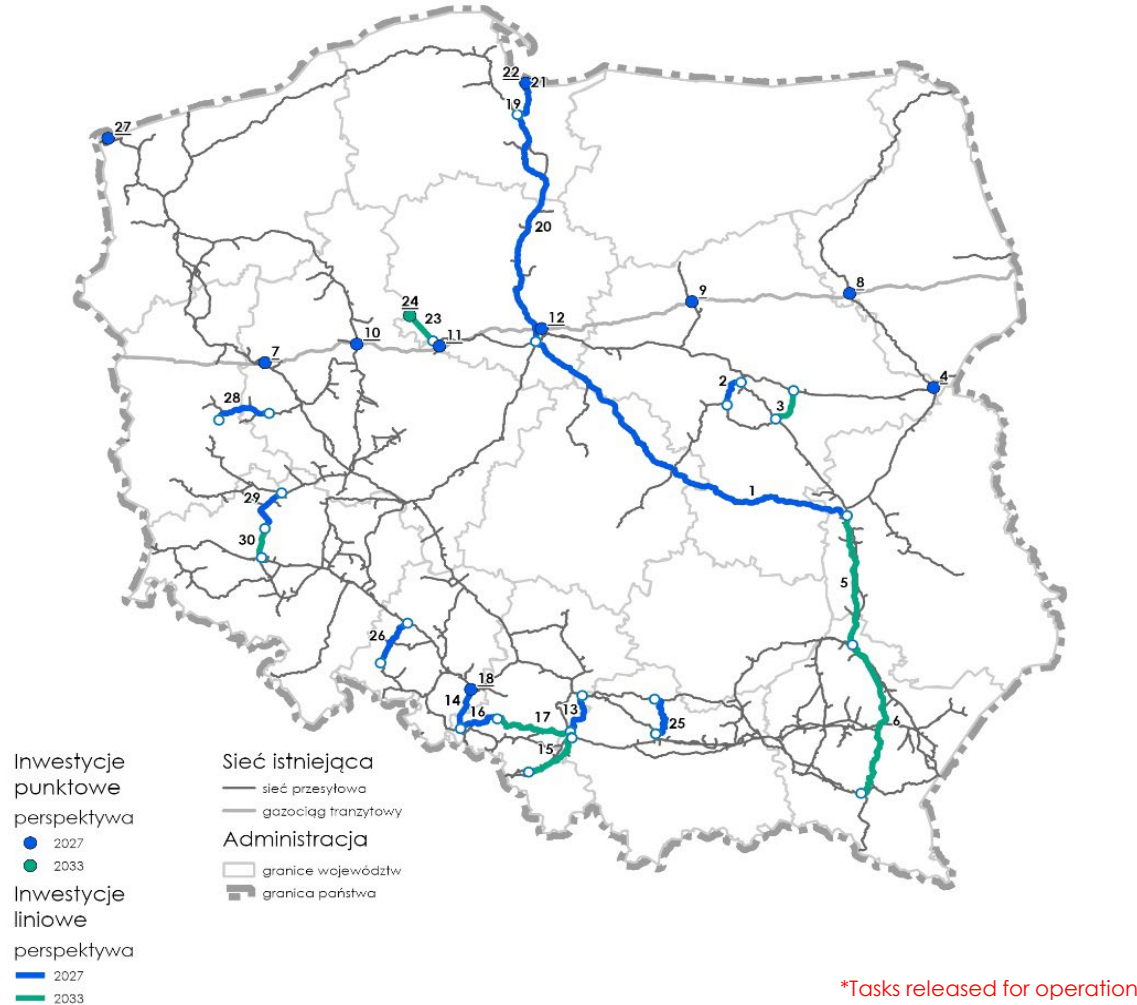


National Ten-Year Network Development



Key and strategic investment projects planned in 2024-2033

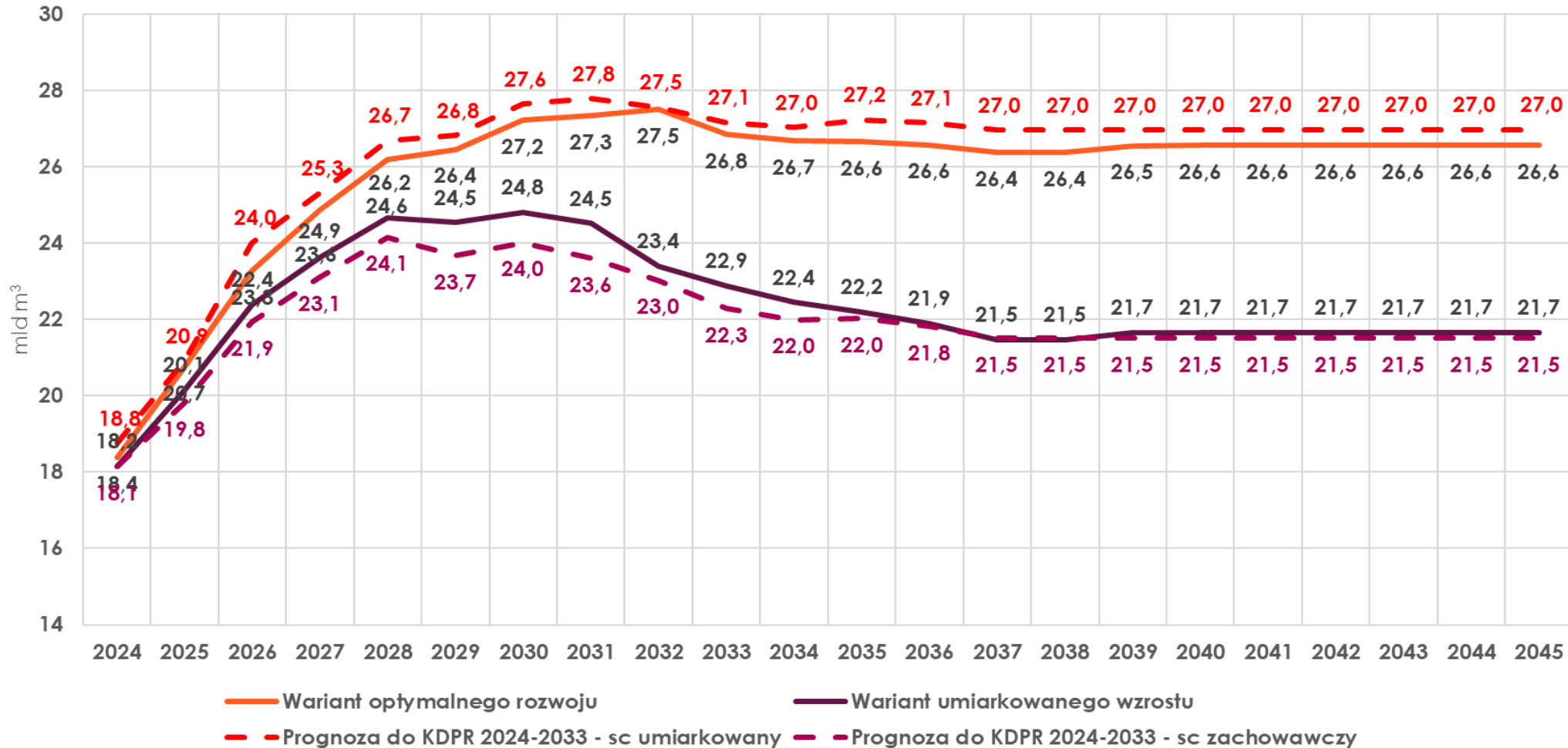
Based on: NTYDP 2024-2033 approved by the President of ERO on 08 February 2024



No	Investment Project	Perspective until 2027	Perspective until 2033
1	Gustorzyn– Wronów gas pipeline	x	
2	Rembelszczyzna – Mory gas pipeline	x	
3	Stanisławów – Wola Karczewska gas pipeline		x
4	Hołowczyce Gas Compressor Station (expansion)	x	
5	Wronów – Rozwadów gas pipeline		x
6	Rozwadów – Strachocina gas pipeline		x
7	Lwówek Gas Compressor Station (construction) Lwówek node (expansion)	x	
8	Connection of NTS and TGPS in Zambrów	x	
9	Connection of NTS and TGPS in Ciechanów	x	
10	Connection of NTS and TGPS in Długa Goślina	x	
11	Connection of NTS and TGPS in Wydartowo	x	
12	Connection of NTS and TGPS in Włocławek	x	
13	Oświęcim – Tworzeń gas pipeline	x	
14	Kędzierzyn– Racibórz gas pipeline	x	
15	Skoczów – Komorowice – Oświęcim gas pipeline		x
16	Racibórz – Rybnik gas pipeline	x	
17	Rybnik – Oświęcim gas pipeline		x
18	Kędzierzyn Gas Compressor Station (expansion)	x	
19	Kolnik – Gdańsk gas pipeline – FSRU (onshore)	x	
20	Kolnik – Gardeja – Gustorzyn gas pipeline	x	
21	Kolnik – Gdańsk gas pipeline – FSRU (dune)	x	
22	FSRU Terminal (vessel)	x	
23	Underground Gas Storage Facility Damastawek – Mogilno gas pipeline		x
24	Underground Gas Storage Facility Damastawek		x
25	Wężerów – Przewóz gas pipeline	x	
26	Lewin Brzeski – Nysa gas pipeline	x	
27	LNG Terminal (expansion)	x	
28	Nowe Tłoki – Sulechów gas pipeline	x	
29	Kotowice – Krzeczyn gas pipeline	x	
30	Krzeczyn – Legnica gas pipeline		x

Transmission service demand forecast 2024-2045 (updated 04.2024)

Compared with forecast in TYDP 2024-2033 - annual volumes





GAZ - SYSTEM for customers



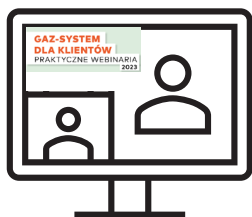
Workshops and webinars

GAS-SYSTEM PRACTICAL WEBINARS

215

PARTICIPANTS

in online
workshops



21 May 2024

Online applications for connection

04 June 2024

1. Changes to the GAZ-SYSTEM Tariff
2. Product offerings on auction platforms ahead of annual auctions

11 June 2024

Transmission system security, expansion plans
- National TYDP for 2024-2033 agreed

18 June 2024

REMIT 2.0 GIIP in the context of the GDPR
information obligation

BIOMETHANE WORKSHOPS

860

PARTICIPANTS



28 November 2023

Agenda including:

1. Biomethane in GAZ-SYSTEM strategy
2. Biomethane market - perspectives for development

13-14 April 2024

Agenda including:

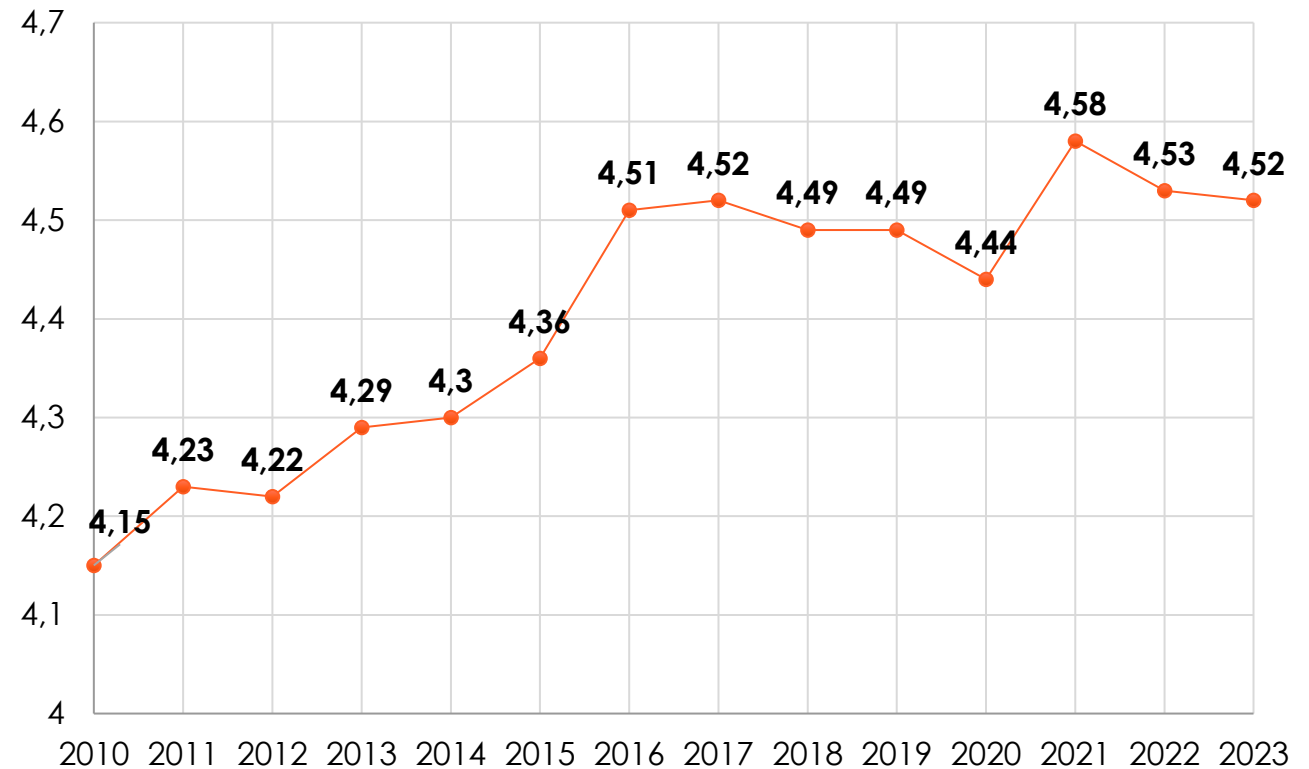
1. Regulations for biomethane plants
2. GAZ-SYSTEM solutions for the development of the biomethane plant market
3. Biomethane plant connection process

Customer satisfaction survey results

Customer satisfaction index is the arithmetic mean of the scores in:

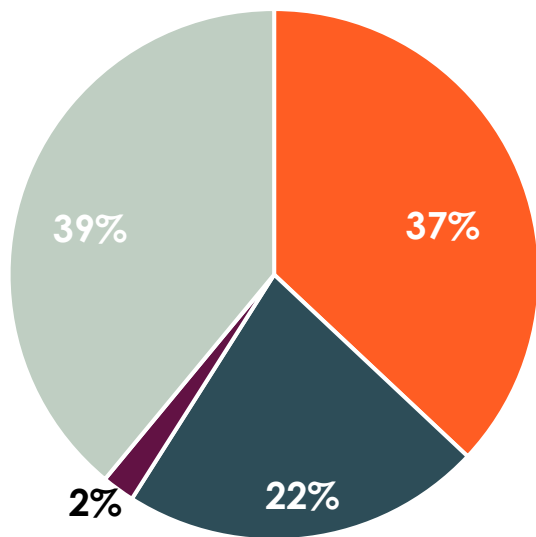
- 1 Customer services quality
- 2 Employee attitudes
- 3 Employee competences
- 4 Quality of services provided by GAZ-SYSTEM

GAZ-SYSTEM
Customer Satisfaction Index



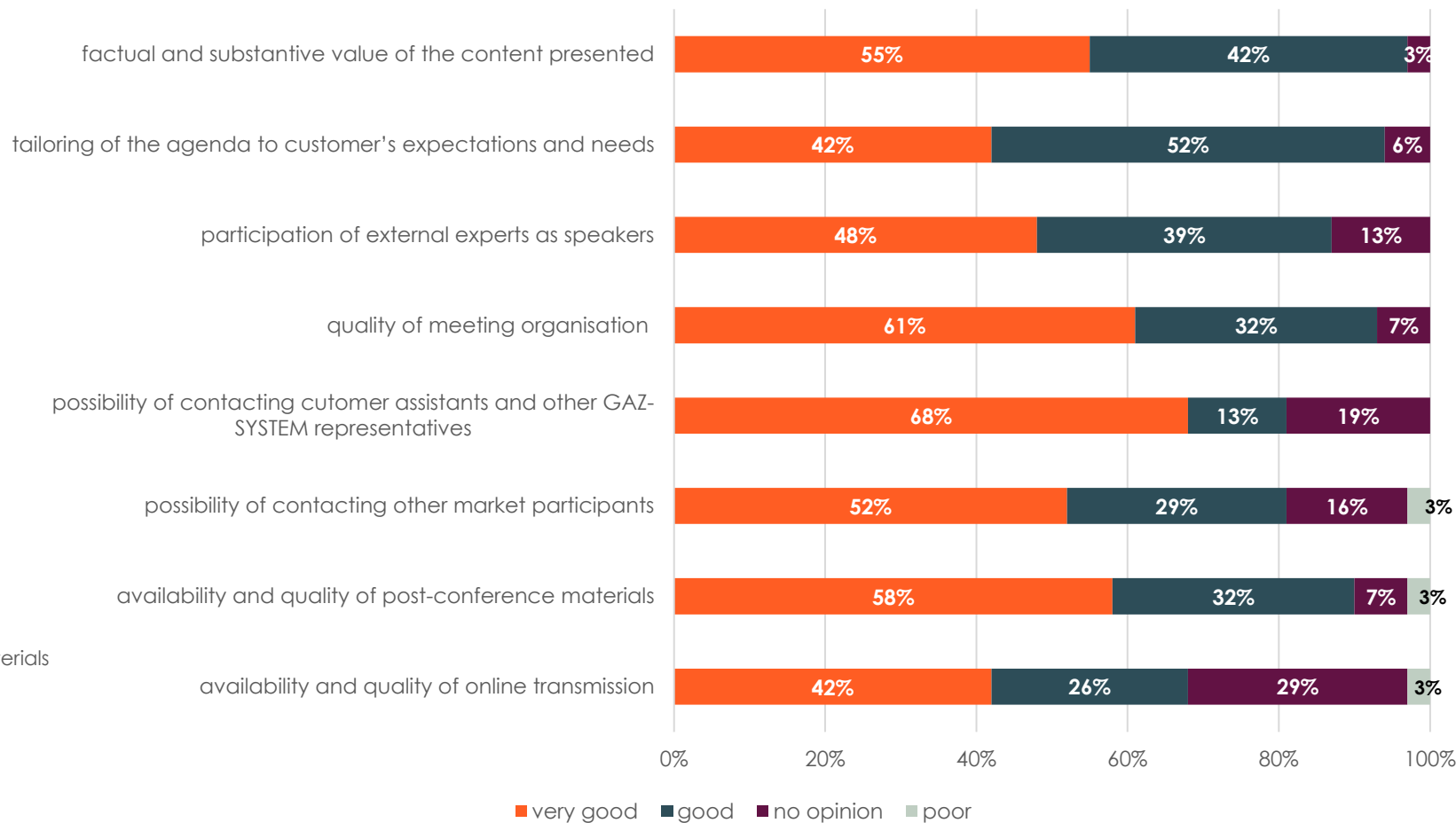
Customer satisfaction survey results

Did you participate in the GAZ-SYSTEM FORUM meetings?



- Yes, I participated in the live meeting
- Yes, I remotely followed the meeting online
- I did not participate the meeting, but I reviewed the information and materials
- I did not participate in the the workshop

How would you rate the following organisational aspects of GAZ-SYSTEM Forum?



GAZ-SYSTEM opts for plain language

In June 2024, as part of the 'Customer Service Standards' project GAZ-SYSTEM introduced several changes to the 'For Customers' tab on the company website.

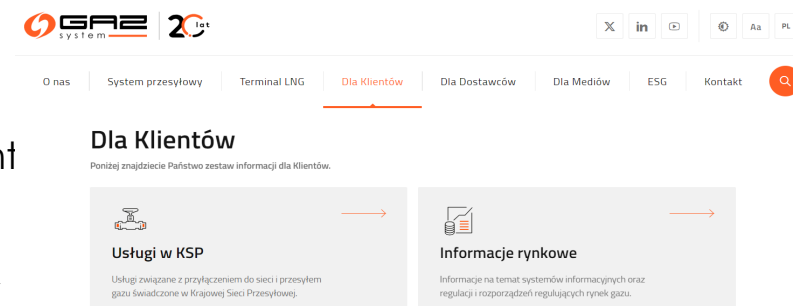
The changes include



Document structure

Style and form of the written content

Manner of addressing the customer



You are kindly invited to visit the updated tab:
<https://www.gaz-system.pl/pl/dla-klientow.html>

New Information Exchange System

Transmission System Map



June 2024

- **new, upgraded layout**
- **easier** access to information on transmission system points
- **improved usability** of the map and handling layer views
- **swift** operation

Market Information Module



August 2024

- **new, upgraded layout** of publications
- **easier access** to publications now sorted by category
- **improved usability** of publications
- **swift** operation of application

General Interface

Q4 2024



- **transparent**, light and simple
- **REST API protocol** replaced API SOAP
- **data format** REST based on JSON data format
- **scalable**: REST is more flexible

Information Exchange System

Q4 2024

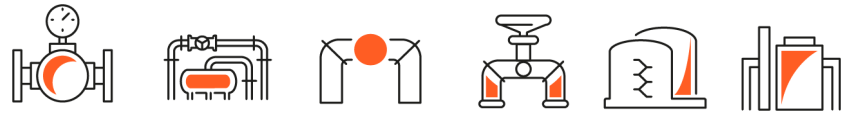


- **new, remodelled interface**
- **new architecture**
- **security** and reliability
- **improved usability and speed** of applications

Gas year 2024/2025 - new year with new challenges

GAZ-SYSTEM FORUM

2024



INFRASTRUCTURE



ENERGY SECURITY

SERVICES

TRANSITION



GAZ-SYSTEM creates favourable conditions for successful development of Polish and regional economies based on low-carbon energy.

An active participant in the energy transition process in Poland and Europe.

A stabilising and effectively adaptable link in the Polish energy system.

GAZ-SYSTEM FORUM

2024

Thank you
for your attention