



# **HIGH-LEVEL CONFERENCE:**

Gas(es) markets in Ukraine –  
the Reform and the Outlook  
perspective



# UTG TODAY

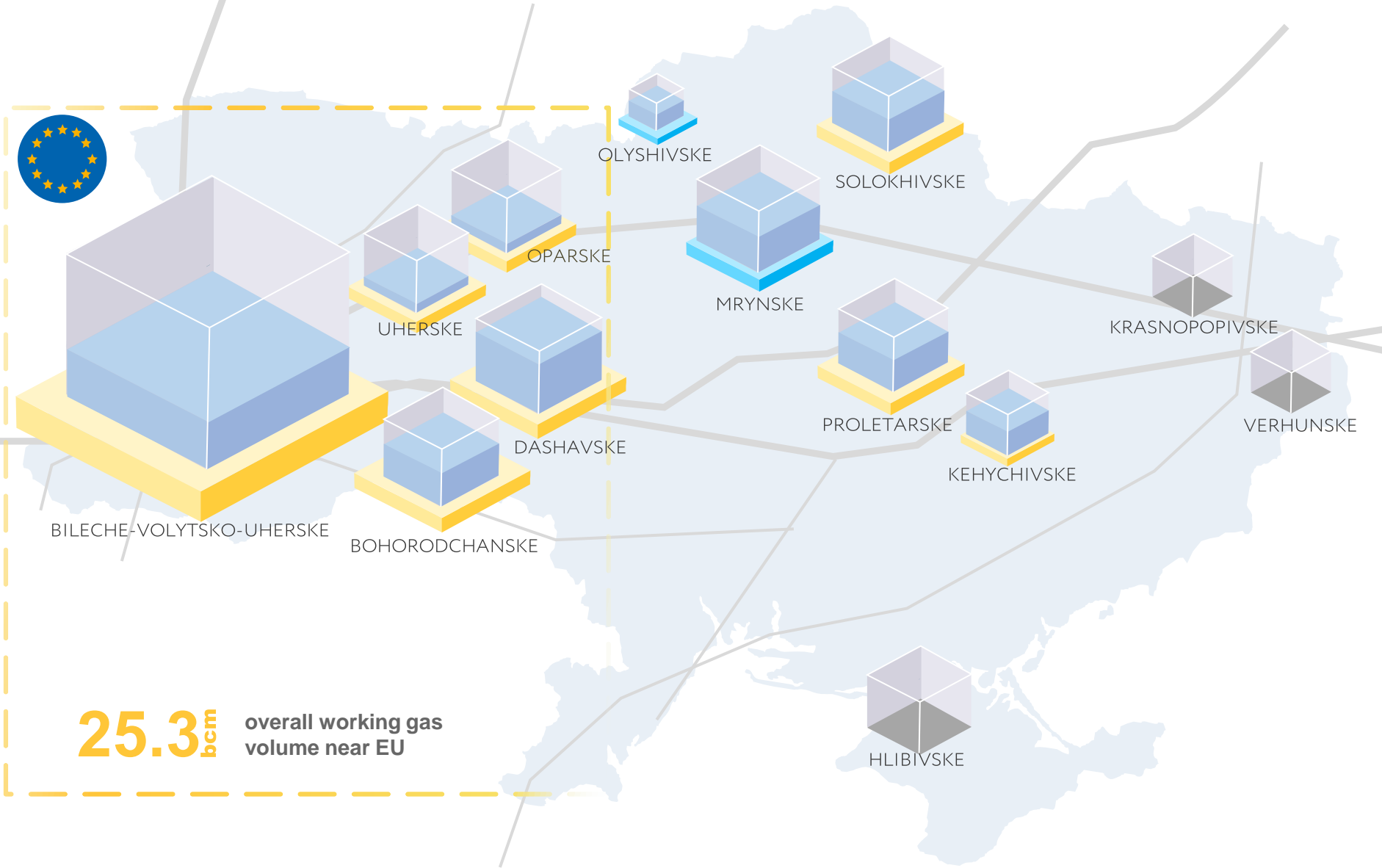
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Increasing role of UGSs  
and perspectives for  
Ukrtransgaz

**ROMAN MALIUTIN**

Acting General Director of UKRTRANSNGAZ

# UKRAINIAN GAS STORAGES TODAY



**30.95** bcm  
overall working gas volume

**25.3** bcm overall working gas volume near EU

## CUSTOMER PORTFOLIO:

non-residents

**174** +36%  
in 2023

residents

**1128** +13%  
in 2023

**2.5** Injected  
by non-residents  
in CWR in 2023

Depleted gas field

Aquifer

Out of control

**STATUS AS OF NOW:**  
UTG fully operational



**WITHDRAWAL NOMINATIONS:**  
100% confirmed

**UKRTRANSغاز continue to take all necessary measures to reinforce security and ensure reliability:**

- › Strengthening critical infrastructure safety, security & defense (including cyber security)
- › Protecting critical infrastructure with special constructions
- › Repairs and renovations by our service branches (Ukrgezprombud, Ukrgezenergосervice, TECHDIAGAZ)
- › Extending equipment stock to rapidly replace damaged equipment in case of emergencies
- › Ensuring emergency back-up power supply at each UGS facility
- › Organizing emergency response drills for UTG staff on an ongoing basis

# UKRAINIAN GAS STORAGES TODAY

One of the Ukrtransgaz advantages

## 4 service branches having expertise in:

mIn EUR

Implemented projects

27.8

9.3

3.5

1.5

Ukrgezprombud

- › Construction, reconstruction and repair of facilities for the gas industry

Ukrgezenergосervice

- › Maintenance and commissioning of gas pumping, power and other equipment, devices and systems of compressor stations

TECHDIAGAZ

- › Assessment of technical equipment condition, diagnostics, etc.

Gas Transportation Institute

- › Gas infrastructure design services (design, standardization, etc.)

overall personnels

1 505

550

208

97

42.1 mIn EUR



TOTAL



2 360

2023

2024

# UKRAINIAN GAS STORAGES TODAY

## Regulatory updates SERVICE PORTFOLIO

### Capacity types:

- › Firm — **60%**
  - › Conditionally firm\* — **30%**
  - › Interruptible — **10%**
- 90%
- from available capacity

\* submit nomination until 3pm D-1 for gas day D

SINCE 01.06.2024

SERVICE	ANNUAL (1-4 YEARS)	SEASONAL	MONTHLY**	DAILY
BUNDLED CAPACITY	firm <i>(without curves)</i>			
WORKING GAS VOLUME	firm	firm	firm	firm
INJECTION		firm	firm	
		conditionally firm	conditionally firm	interruptible
		interruptible	interruptible	
WITHDRAWAL		firm	firm	
		conditionally firm	conditionally firm	interruptible
		interruptible	interruptible	

In case of interruption of firm capacity – compensation = x2 cost interrupted firm capacity

clause 6.7 of the Standard Storage (Injection/Withdrawal) Agreement

\*\*booking for several months within storage year

### Operation of UTG in 2025:

#### Impact of transit on UGS operational activity

- › Conditions for acceptance/transfer of gas to/from gas storages are set out in the Technical Agreement between SSO and TSO of Ukraine and **do not depend on having transit or zero transit**
- › Given zero transit, **pressures at the interconnection points** between the GTS and UGS facilities **may be reduced to a minimum permissible** under the Technical Agreement, which **will lead to an increase of process gas consumption** during a period of filling the UGSs

### SSO UA tariff:

- › Approximate full gas storage (injection, withdrawal) tariff is **1.6 EURO** per MWh for 1000 cm
- › Tariff will remain unchanged till April 2025
- › The main factors that **may influence the tariff** revision are as follows:
  - └ A significant **increase** in process gas consumption
  - └ A significant **decrease** in the volume of gas stored in UGSs

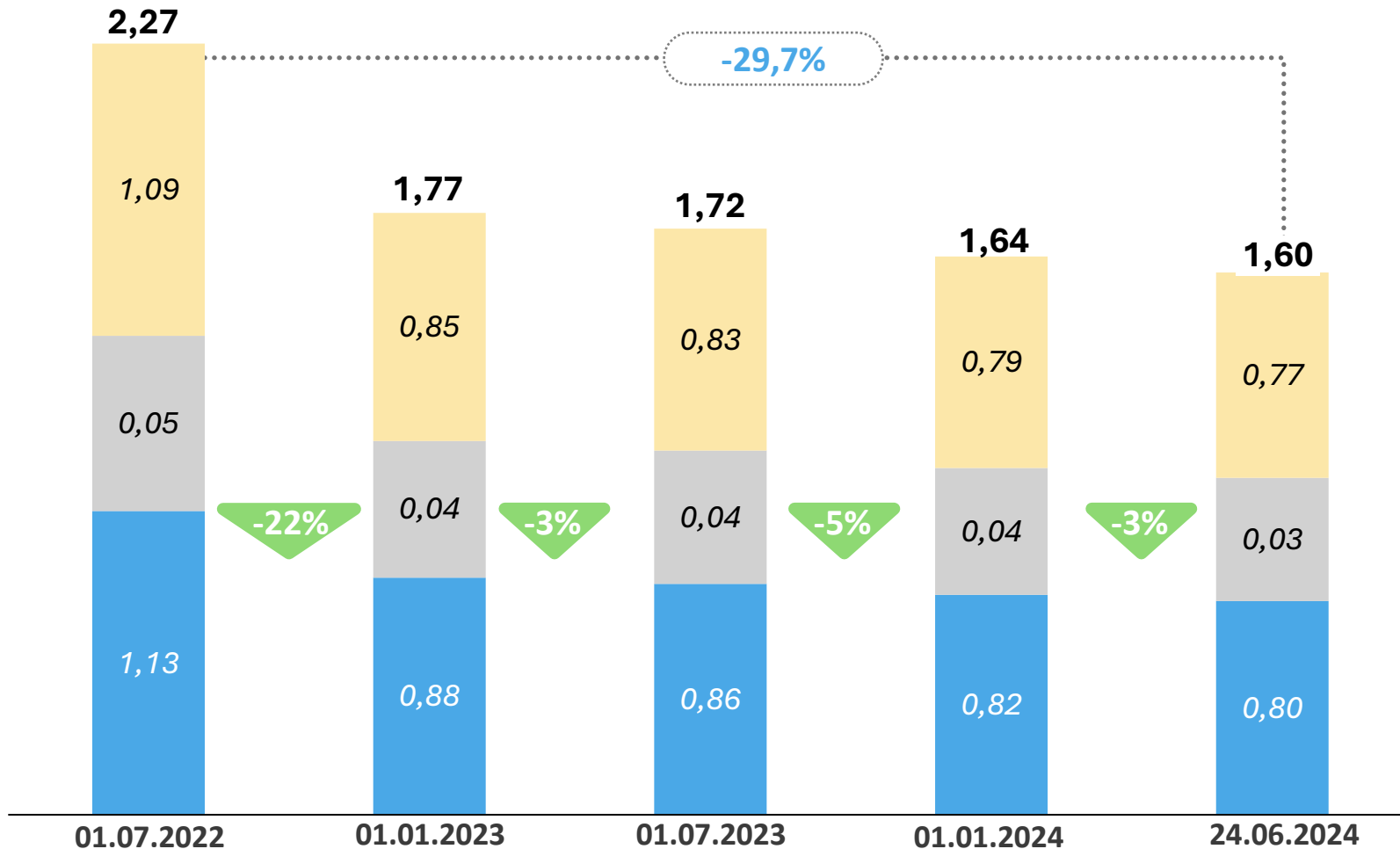


# Tariffs for UGSs services in EUR/MWh

EUR/UAH  
exchange  
rate



according to the NBU



**29.7%**  
percentage of tariff  
reduction for storage  
services starting from  
01.07.2022

- injection
- working volume
- withdrawal



# UKRAINIAN GAS STORAGES TOMORROW

Ukrtransgaz perspectives for 2025+

## Factors influencing gas market balance:

Weather

Economy

Energy transition

Maintenance

Regulation, Government, Policies

Geopolitical events

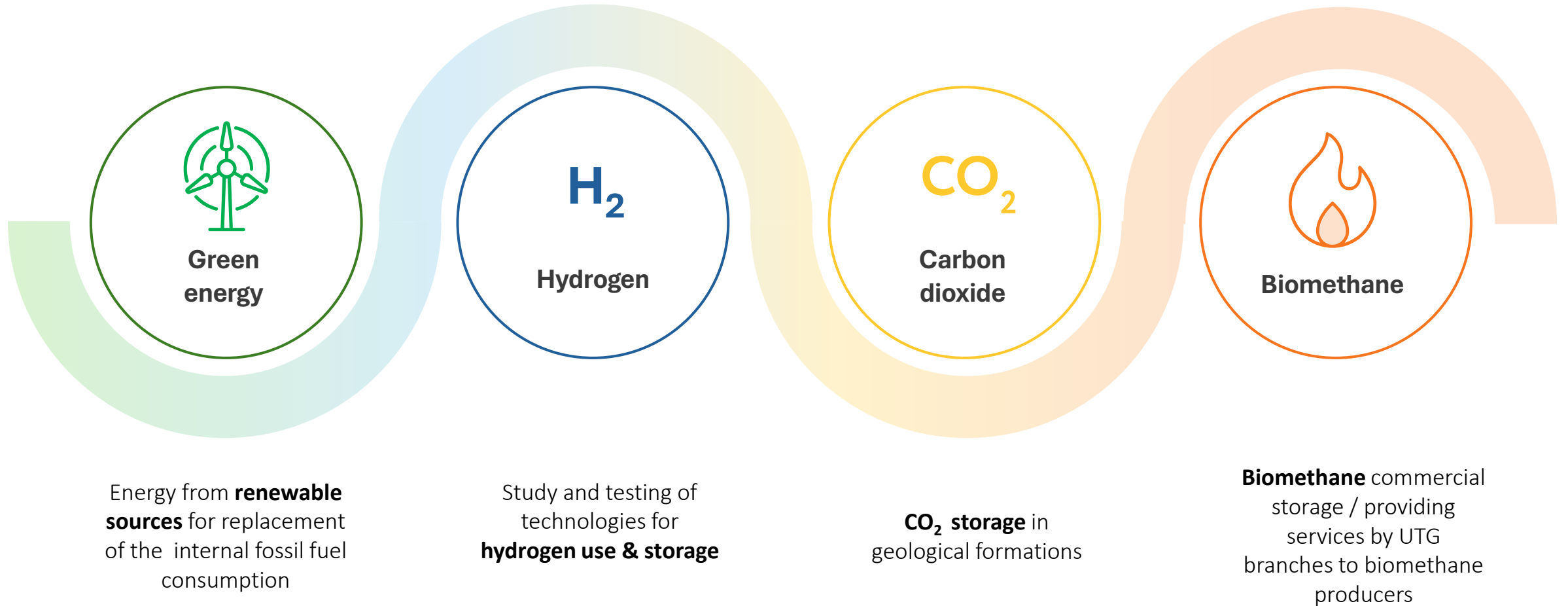
## Ukrainian UGS capacity for EU security of supply:

- › Minimizing price volatility
- › Balancing seasonal fluctuations
- › Mitigating the impact of potential gas disruptions (security of supply)
- › Reducing regulatory and governmental impacts



# UKRAINIAN GAS STORAGE TOMORROW

Decarbonization project: objective and key goals



## Project objective:

Developing an effective **technical & economic model** of UGS electricity supply, including for replacing fossil energy sources with renewables **to ensure environmental safety**

Project implementation requires urgent **up-to-date solutions** in the field of renewable energy

# UKRAINIAN GAS STORAGES TOMORROW

## Ukrtransgaz decarbonizations perspectives

### Concept for a pilot to decarbonize production activities of one of the UGSs:

The pilot is aiming to develop an effective technical and economic model for power supply to UGS facilities, including for replacing fossil energy sources with renewables to reduce environmental impact and achieve energy autonomy of industrial sites

### The pilot key objectives:

- › Use of energy from renewables (solar & wind) for own needs



- › Study and testing technologies for use and storage of hydrogen

In the future, this solution may be scaled up to other Ukrtransgaz facilities

A large, stylized, light blue letter 'S' is positioned on the left side of the image, partially overlapping the blue background. The 'S' is composed of thick, rounded strokes.

**WE STORE ENERGY  
FOR YOUR SAFETY**