



STORAGE SYSTEM  
OPERATOR OF UKRAINE

# Storage System Operator of Ukraine: success story

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System Operator  
of Ukraine

12

UKRAINIAN  
UGSs\*

THIRD-LARGEST

OVER THE WORLD  
AFTER USA AND RUSSIA

30.95 BCM

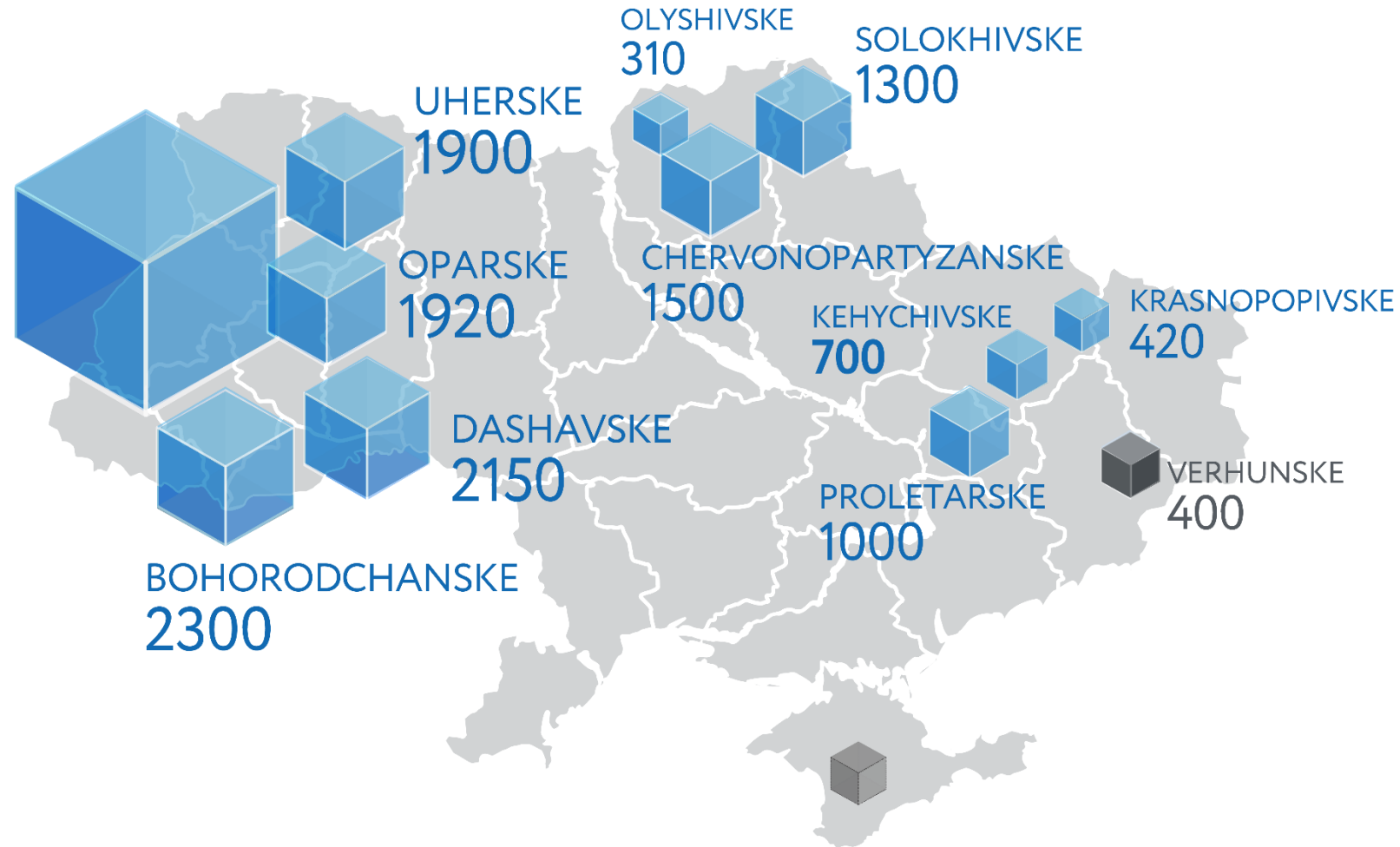
TOTAL  
STORAGE CAPACITY

80%

OF STORAGE  
CAPACITY CLOSE TO  
EU

BILCHE -  
VOLYTSKO-  
UHERSKE-  
17050

\*mcm



\*excluding Glibovske UGS which is not under administration of SSOU

# Unbundling of gas transportation activities as an important stage in the implementation of the Third Energy Package

**JANUARY 2019**

Ukrtransgaz:  
Transportation + gas storing

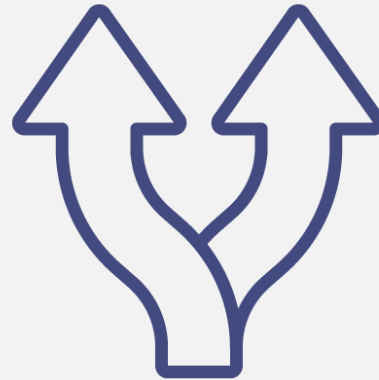
**0.000047** Gas reserves  
bcm non-residents

**7** Non-resident customers

Limited commercial function

**JANUARY 2020**

## UNBUNDLING



Ukraine's compliance with the requirements of the Third Energy Package proved its intentions for integration to EU gas market and, accordingly, developed the business interest of international players

**SEPTEMBER 2021**

2 independent  
operators – SSOU & GTSOU

**3.3** Gas reserves  
bcm non-residents

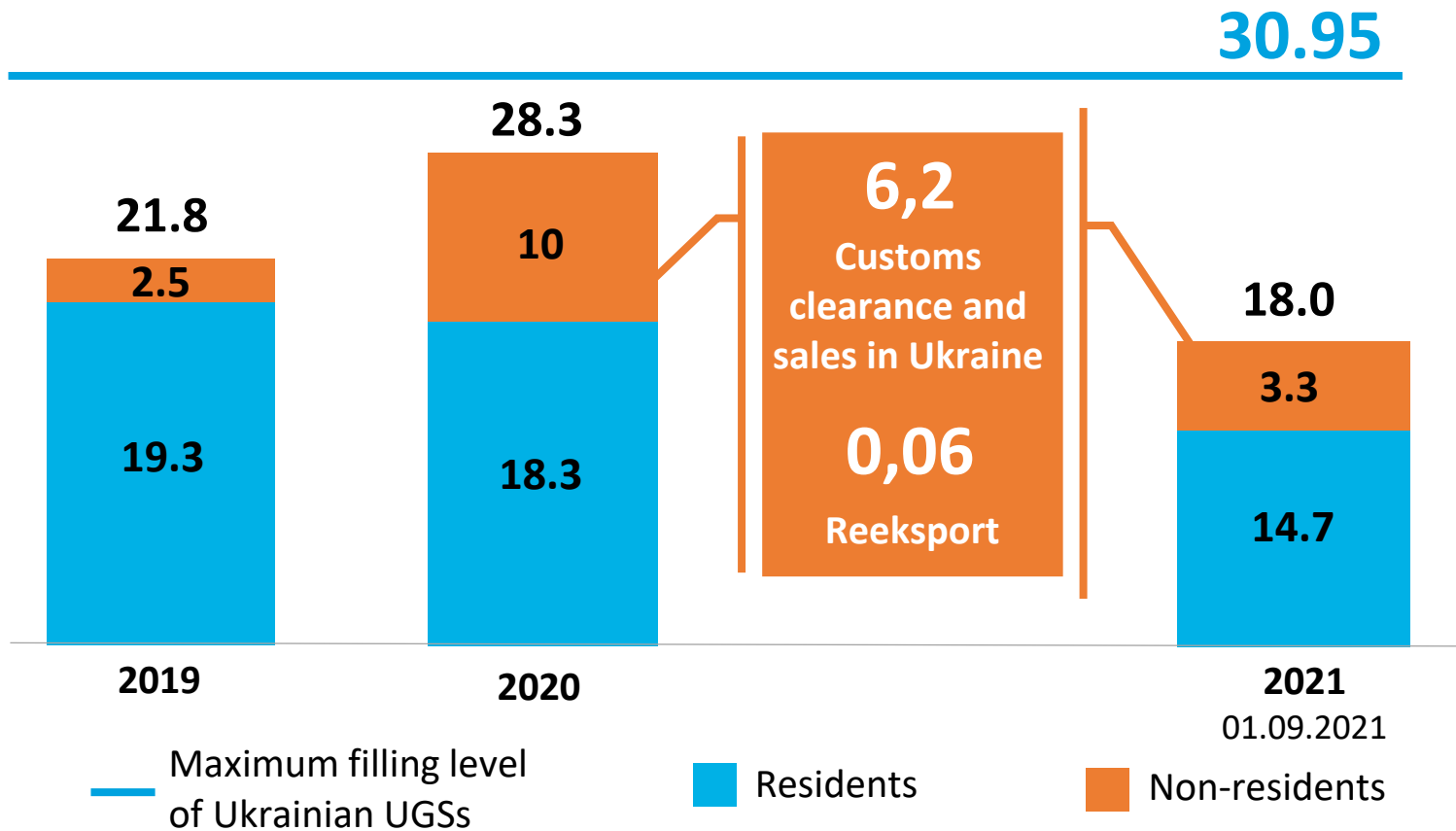
**107** Non-resident  
customers

Customer's front-office,  
i-platform, new services



# In 2019-2021, interest in Ukrainian UGSs is growing rapidly

Structure of UGSs filling by categories of customers, bcm



■ **62%** of non-resident companies gas stocks was sold on the Ukrainian market last year (Oct.2020 - Sept.2021)

■ Foreign traders choose Ukrainian UGSs for long-term gas storage: more than **28%** of gas reserves are stored for over one year



# Number of Ukrainian UGSs customers increase rapidly

January  
2020

651  
clients

14  
countries

47  
NONRESIDENTS

604  
RESIDENTS

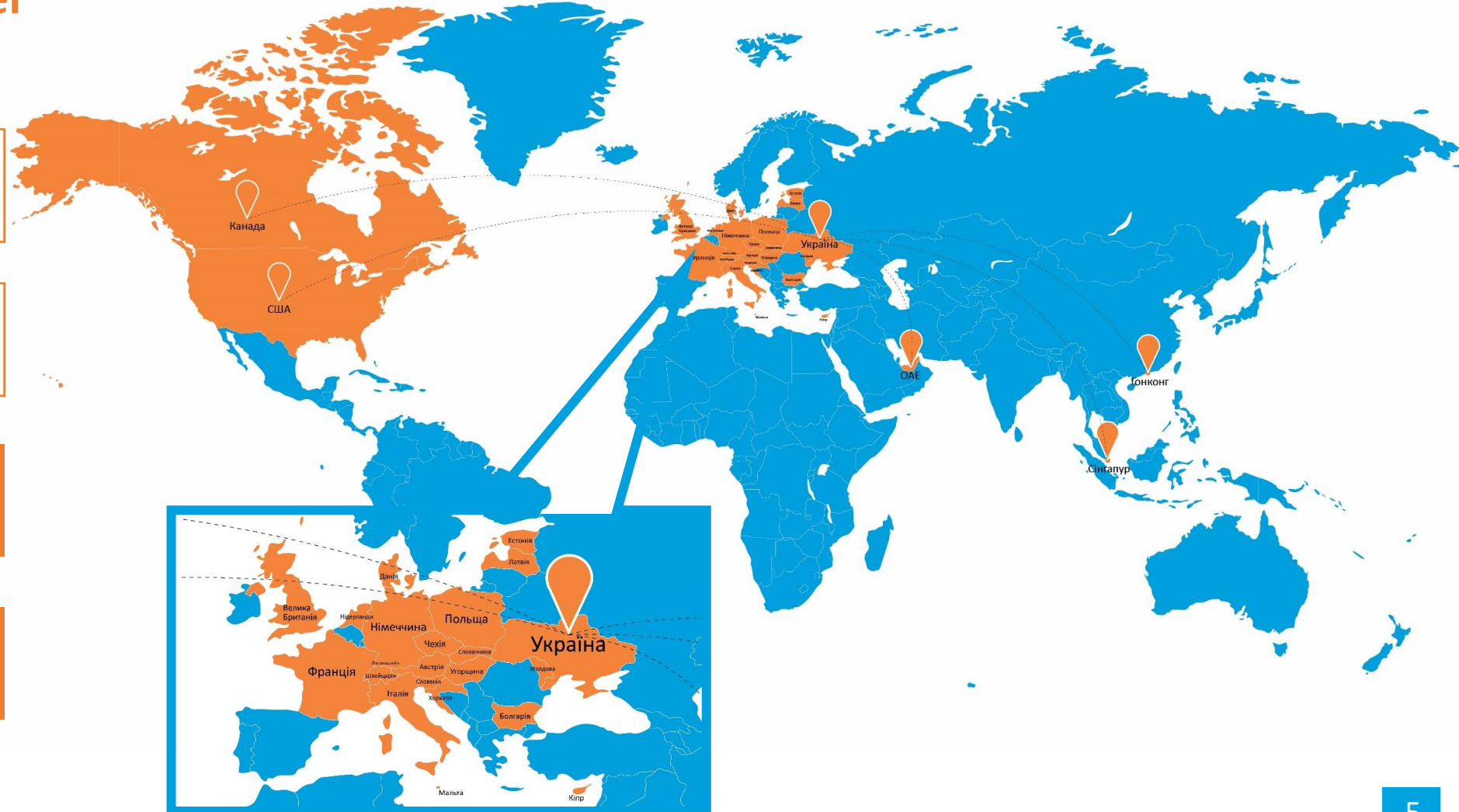
September  
2021

948  
clients

26  
countries

107  
NONRESIDENTS

841  
RESIDENTS



## Customs warehouse + short haul



- Storing of natural gas for up to 1095 days without VAT and customs duties
- Fast automated customs clearance
- Access to UGSs at reduced transportation rates

## Exchange trading with customs-cleared gas in UGSs



- Acceleration of trade operations up to 30 minutes
- Stocks' liquidity increase
- Transparency and reliability of trade operations

## Monitoring of pledged gas



- Favorable loan terms
- Guaranteed preservation of collateral
- Greater opportunities for borrowers





# Strategic opportunities provided by Ukrainian UGSs to the world



## Gas sales on the Ukrainian domestic market

**62%** of non-resident companies gas stocks has been sold on the Ukrainian market since Oct. 2020



## Gas storing up to three years

**28%** of gas stocks are stored by non-residents for over one year



## Seasonal storing of gas with further re-export

**0.5** bcm of non-resident gas has been re-exported since Oct. 2020



## Transportation of LNG with further storing in Ukraine

Variation of gas sources is strengthening of Europe's energy security







# Ukrainian UGSs – Storing Gas For Your Safety