





# Market update for the South Eastern European gas market – the case of Ukraine

# **Ukrainian gas market**

- Extensive internal gas market: the2-nd largest gas reserves in Europe
- Compliance with the EU gas market regulations
- Certified TSO and SSO according to European rules
- Reliability: implementation of obligations towards the EU customers despite the war in terms of gas transit and re-export

OPERATOR 146 bcm bcm bcm Gas storage Capacity GTS Capacity

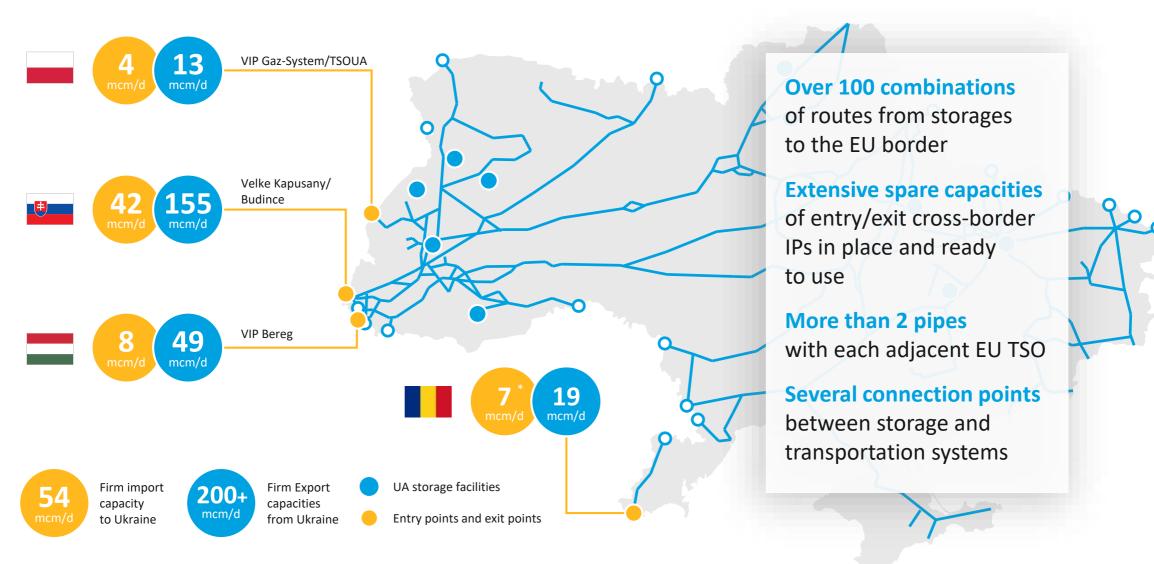
### **Key indicators of the Ukrainian gas market in 2022\***



\* Data source: GTSOU calculations

# Technical possibilities for gas re-export

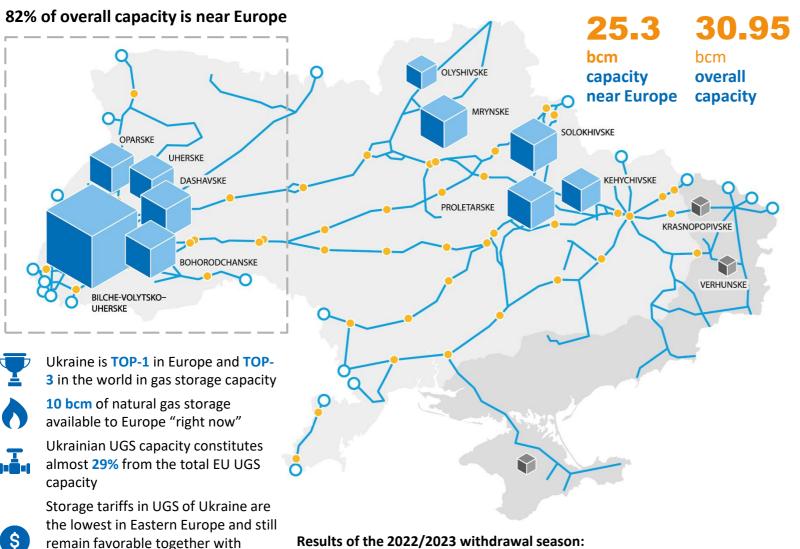




<sup>\*</sup> Use of the Trans-Balkan route requires booking the capacities of MD GTS, the tariffs are not included in the calculations Data source: GTSOU calculations

# **UA storages: sugnificant capacities and security**







Most UGS of JSC Ukrtransgaz have 2 or more physical connections to the GTS, and some UGS – up to 5



Ukraine's UGS are located in dense rock at depths of 400 to 2,000 meters and are hidden by natural vegetation, which is a reliable natural protection



The SSO is classified as a critical infrastructure facility with an appropriate state protection



Alternative modes of gas withdrawal have been developed in case of infrastructure damage

93%

**Effectiveness** of Ukrainian Air Defense\*

\* According to the Air Force of Ukraine

Results of the 2022/2023 withdrawal season:

transportation fees, reaching

4 EUR/MWh

**5,570** mcm – gas withdrawal volume from UGS during the withdrawal season 68.9 mcm – gas withdrawal volume from UGS in a peak day

# Commercial strategy: context and vectors of development



#### **CERTIFICATION OF UKRTRANSGAZ\***

- Strengthening a position in cooperation with non-resident commercial customers. Involvement of Ukrtransgaz in storage of commercial gas volumes of Europe.
- Constant enhancement of internal regulatory framework and no influence of 3<sup>rd</sup> parties.



# AMENDMENTS TO A NATIONAL ACTION PLAN:

- Discussion of the amendments to a National Action Plan that provide for an impossibility of preventing the re-export from Ukraine of natural gas stored in UGS customs warehouse;
- Protection of interests of EU and UA companies using customs warehouse.

UPDATED
PRODUCT
PORTFOLIO
(CAPACITY
TYPES)

# UPDATED PRODUCT PORTFOLIO AS PART OF AMENDMENTS TO THE STORAGE CODE:

- Expanding the portfolio of storage products (capacity types);
- Greater flexibility in booking capacity;
- Attractive conditions for storage at the customs warehouse.



## PROJECT TO DEVELOP GUARANTEES TO COVER WAR RISKS:

- Working on an initiative with the Energy Community (ECS) to create risk mitigation measures for foreign customers;
- Covering the war/political risks;
- Ability to inject significant volumes into UGS under European/International guarantees.

<sup>\*</sup> Ukrtransgaz is a second SSO in Europe to meet the updated requirements established by EU Regulation No. 2022/1032 of 29.06.2022 on the security of gas supply. NEURC (National Regulator) made a final decision on certification on 7th April 2023.