



19th Gas Forum **UKRAINIAN UGSs TODAY & FUTURE OUTLOOK**

VIENNA

September 2024

AGNETA KUTSELIM

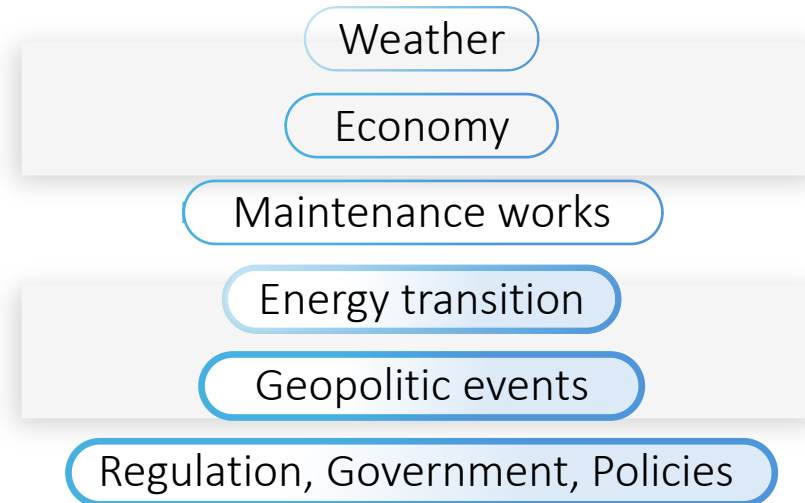
Head of Commercial

GAS MARKET IS BALANCED BUT REMAINS FRAGILE

Fundamentals OF EU GAS SUPPLY

- › **Production**
- › **Pipeline**
- › **LNG**
- › **UGSs**

SHAPING FORCES



KEY COMPONENTS OF DEMAND

- Households** ‹
- Industry** ‹
- Power and heating gen.** ‹
- other** ‹

While global gas markets have calmed down from record volatility in 2022, they remain fragile as energy security concerns persist. **Any significant shift** in demand or supply has the **potential to disrupt the current balance in place***

UGSs ARE THE BUILDING BLOCKS OF EU ENERGY SECURITY

- Balancing seasonal fluctuations



















- Mitigating the impact of potential gas disruptions (security of supply)

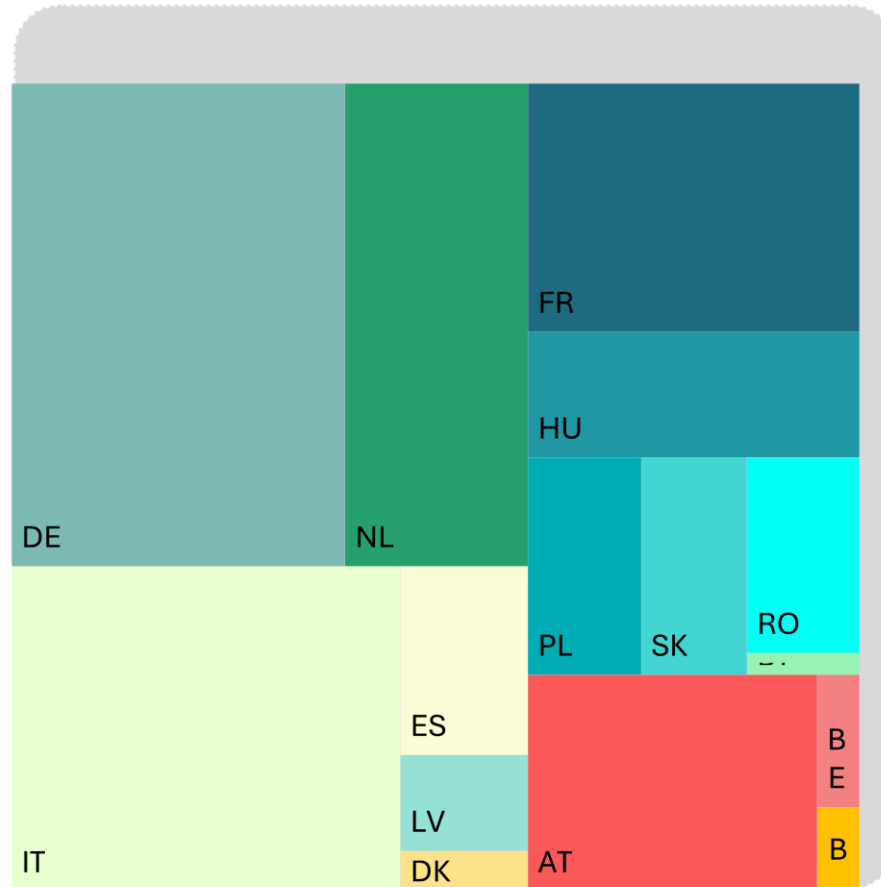
- Reducing regulatory and governmental impacts

- Minimizing price volatility

EU UGSs OVERALL
WORKING GAS VOLUME **108 bcm**

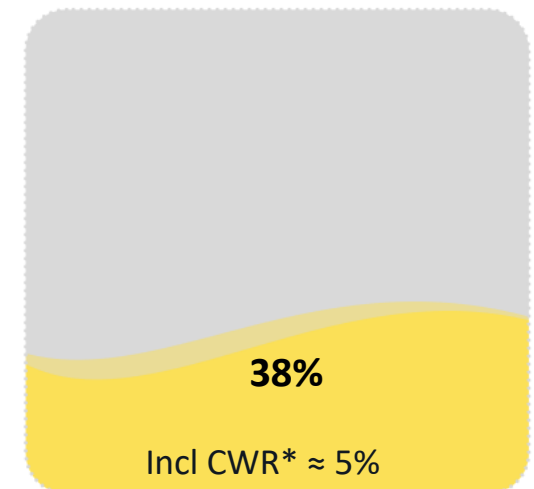
Total Gas Storage
Inventory filling **93%**

	Austria	92%
	Belgium	95%
	Bulgaria	90%
	Denmark	74%
	Spain	100%
	Italy	94%
	Latvia	73%
	Netherlands	91%
	Germany	96%
	Poland	98
	Portugal	103%
	Romania	97%
	Slovakia	94%
	Hungary	91%
	France	92%
	Croatia	90%
	Czech Republic	93%
	Sweden	91%

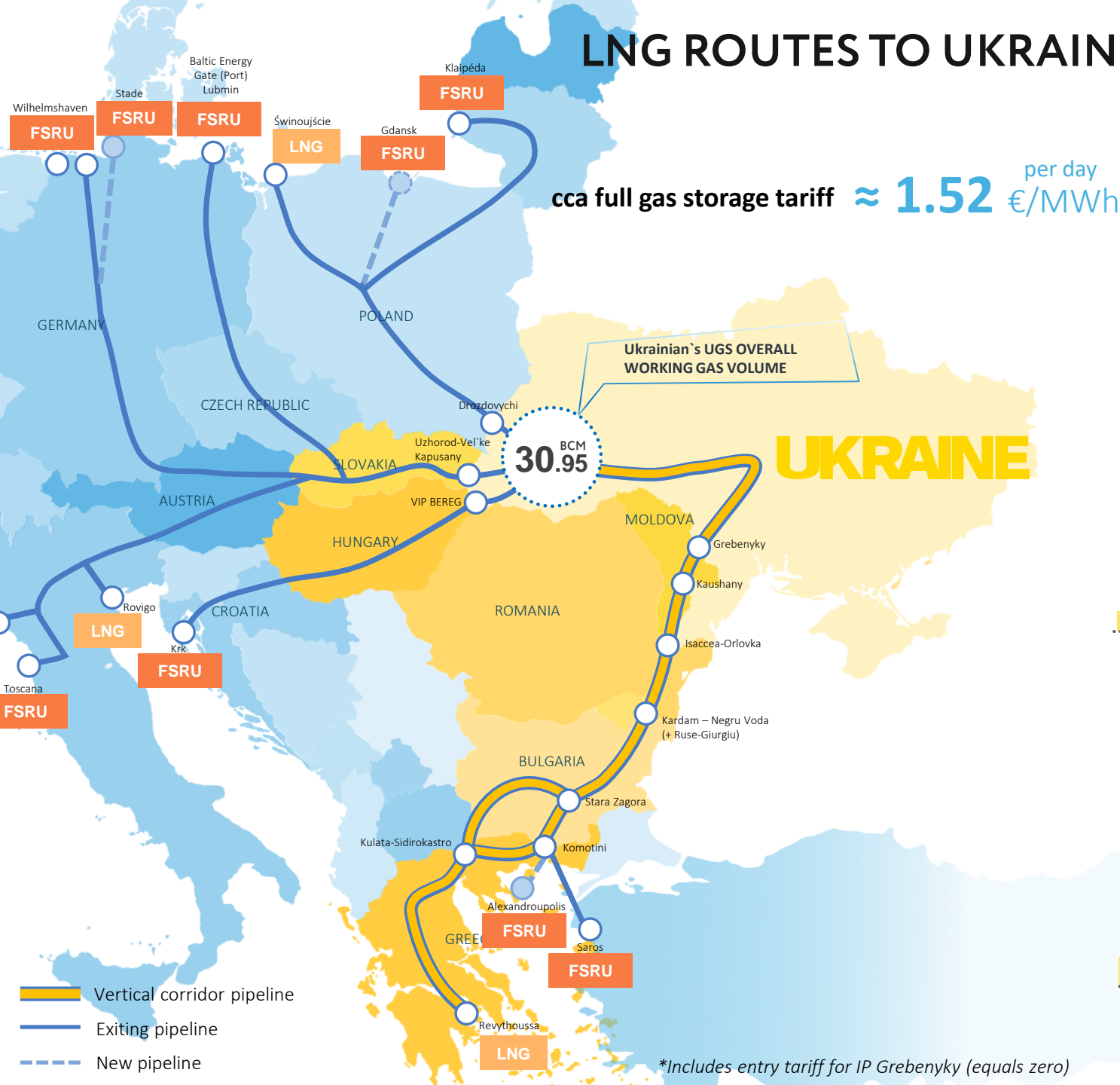


30,95 bcm

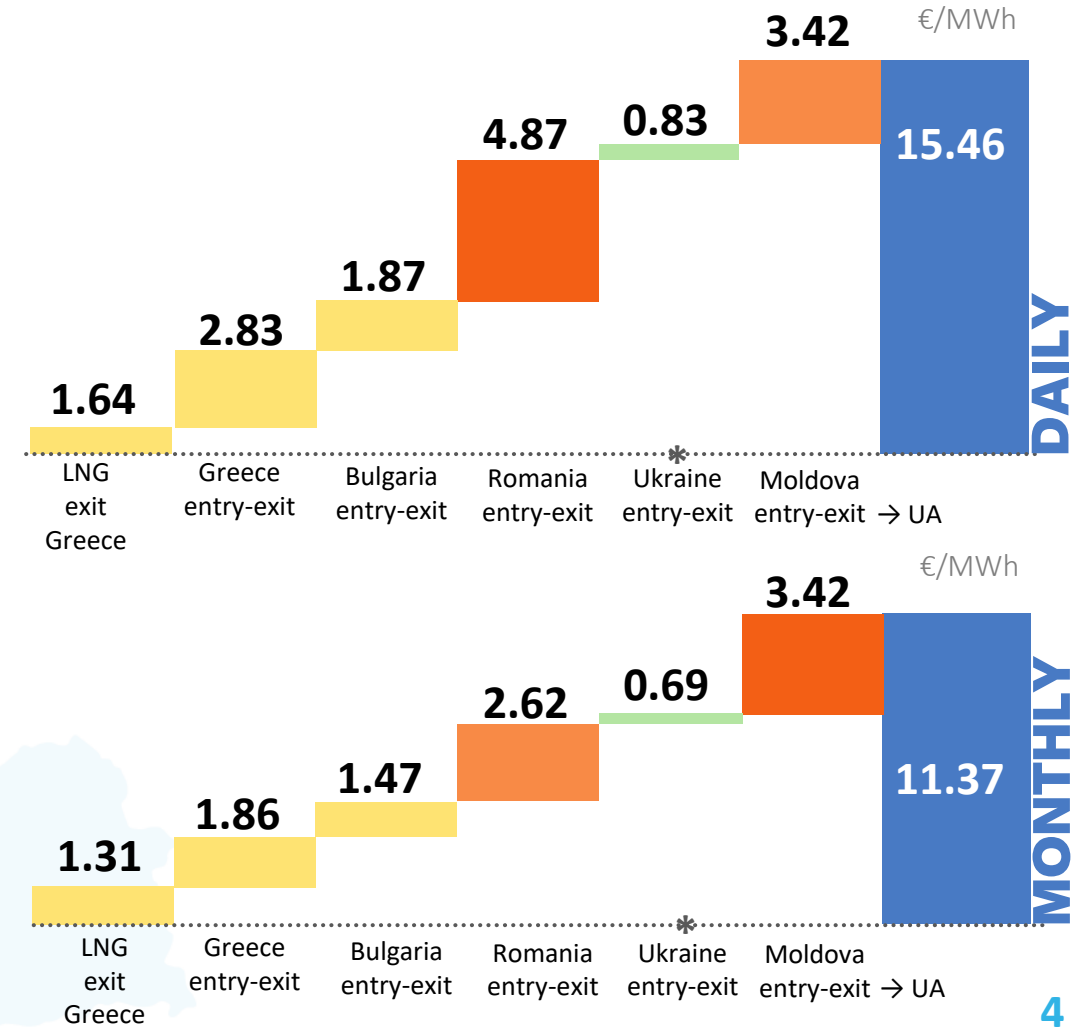
UA UGSs OVERALL
WORKING GAS VOLUME



LNG ROUTES TO UKRAINIAN UGSs



cca transport costs to Ukrainian UGS via Vertical Corridor $\approx 11-15$ per day €/MWh



COMMERCIAL EFFICIENCY

- › **Commercial** Excellence
- › **Financial** Balance
- › Optimizing **Resource & Risk** Management
- › **Human Capital** Development

STORAGE SECURITY

- › Digital and Technological **Modernization** of UGSs
- › Implementation of **Advanced Technology and Machinery**
- › Driving **Efficiency of Technological Processes**
- › Optimizing **Dispatching System Performance**

DECARBONIZATION AND INNOVATION

- › Accelerating the path to **NET ZERO**
- › Developing a **New Business Areas**
- › Integration of **Cutting-Edge Technologies & Innovations**
- › Expansion of **R&D activities**



FOCUS ON DECARBONIZATION AND INNOVATION

AMBITION:

Facilitate the country's energy transition by reducing a carbon footprint of UGSs activities and providing access to storage of modern energy sources in a technologically sound, economically attractive and environmentally acceptable manner

STRATEGIC GOALS:



1 Decarbonization of UGSs activities

Replacing fossil fuels with alternative energy sources

Improving energy efficiency of UGSs activities

Achievement indicator:

- › Reduction of greenhouse gas emissions
- › Reduction of electricity and fuel gas expenses
- › Saving of fuel and energy resources
- › Additional profit achieved (sale of electricity to the grid)
- › Strong Goodwill built



2 Development of new low-carbon activities

Storage of alternative gases (biomethane, H2), CO2 sequestration

Providing services to producers of alternative gases

Achievement indicator:

- › Increasing profitability of Company activities
- › Optimization of UGSs activities
- › Optimization of a service portfolio
- › Reduction of greenhouse gas emissions
- › Strong Goodwill built



**WE STORE ENERGY
FOR YOUR SAFETY**