



The ICGB role in
the gas
transportation
market for
Eastern Europe

Speaker: George Satlas,
Executive Officer ICGB

The roles of pipelines in Energy Transition

March 13, 2024

Introduction

Interconnector Greece-Bulgaria

Is managed by **ICGB AD** with shareholders:

- Bulgarian Energy Holding EAD (50%)
- IGI Poseidon SA (50%).



ICGB AD

Operates the pipeline under an “exempted” framework – Ownership Unbundling, Regulated Tariff and Third-Party Access.



The Strategic Significance of the IGB Pipeline



Currently through IGB, Network Users ensured the coverage of more than 1/3 of the domestic gas demand of Bulgaria.



IGB significantly reduces the dependency from a single gas source allowing LNG and Azeri gas to reach Bulgaria, increasing the liquidity of the Bulgarian Gas Market.



Since its first month of operation (October 2022), ICGB became the first import route for Bulgaria.



IGB enables use of gas as energy source and contributes to the reduction of CO2 emissions.



IGB is designed to be expanded to 5 bcm/y further enhancing the security and diversification of supply routes.



IGB could transport hydrogen blend and be repurposed for hydrogen transportation in the future, contributing to the green transition.



Since start of commercial operations, ICGB transported from Komotini to Stara Zagora more **1.5 billion Nm³**

COMMERCIALISATION OF CAPACITY

Overview of YEARLY and QUARTERLY AUCTIONS Results



➤ Capacity sold for Q1 and Q2 of gas year 2023/2024: **80%**



➤ Capacity sold for Q3 and Q4 of gas year 2023/2024: **90%**



➤ IP with TAP and IP with DESFA offered on **competing basis**

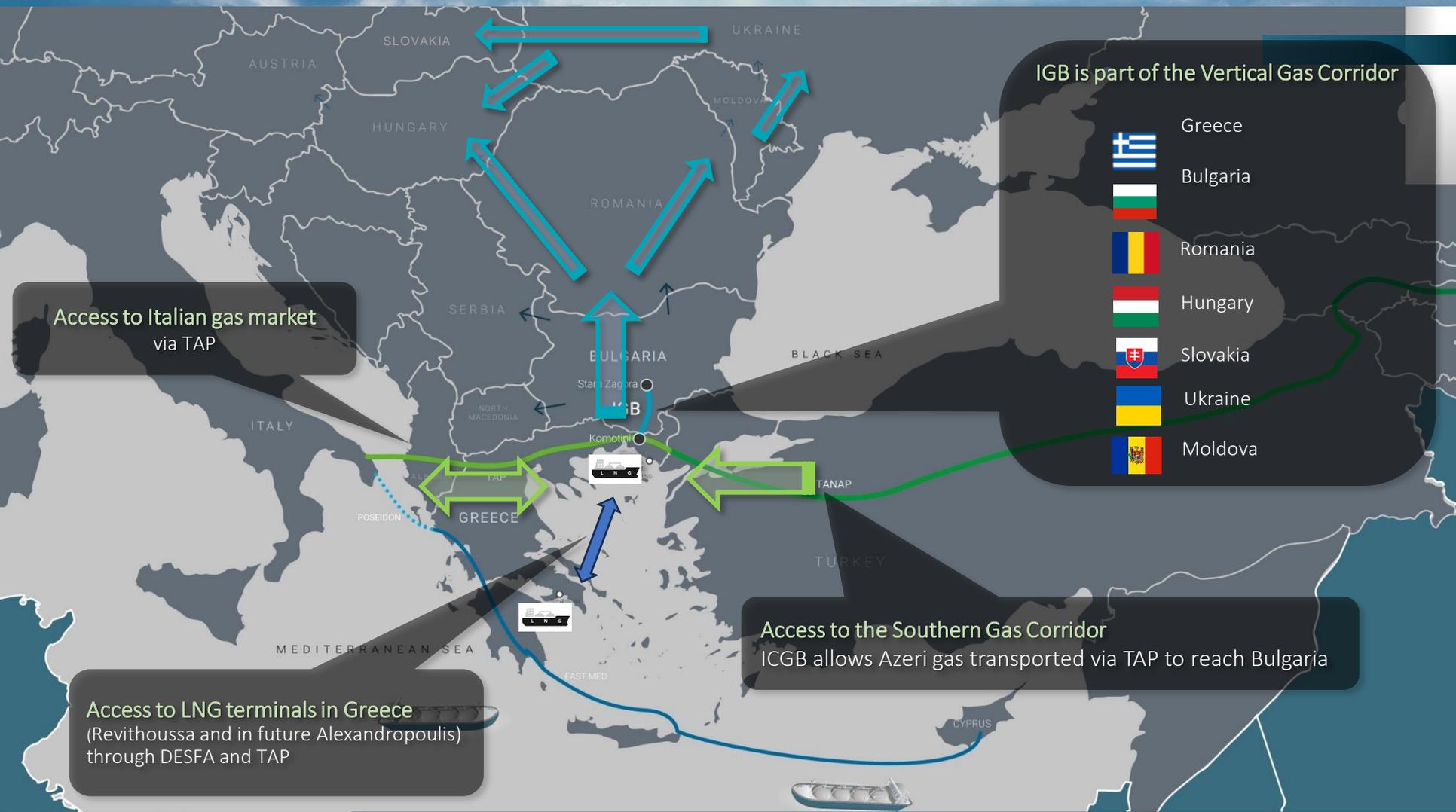


➤ Total Network Users registered: **40**



➤ **Quasi-yearly** and **Quasi-quarterly capacity** offered on IP with DESFA

Synergies with the Vertical Corridor



IGB is part of the Vertical Gas Corridor

-  Greece
-  Bulgaria
-  Romania
-  Hungary
-  Slovakia
-  Ukraine
-  Moldova

Access to Italian gas market via TAP

Access to LNG terminals in Greece (Revithoussa and in future Alexandroupolis) through DESFA and TAP

Access to the Southern Gas Corridor IGB allows Azeri gas transported via TAP to reach Bulgaria

ICGB ensures the diversification of gas sources in the region and can contribute to the energy supply of Bulgaria, Hungary, Romania, Slovakia, Moldova and Ukraine.
ICGB is a Key to Energy Security and Sustainable Future

CHALLENGES AHEAD

ICGB Incremental Capacity Upgrade



ICGB has published jointly with

- BTG &
- Desfa

draft Project Proposals for the interconnection points for public consultation.

Invitation for comments and proposals within March 2024

ICGB Member of European Hydrogen Alliance



The IGB pipeline is being assessed for its **potential to transport hydrogen**, which will enable the flow of low-carbon gases in the region

- **Conclusion**
- **IGB is a reality and operates successfully since Oct 2022.**
- **IGB's role in regional energy security and close collaboration with adjacent TSOs is imminent.**
- **Q&A / further discussion.**

QUIZ:

➤ How many Executives coordinated during CESEC in Athens to sign the updated MoU for the Vertical Corridor on **January 19th 2024** ?

➤ Answer:

➤ 4?

➤ 7?

➤ **10 Executives from Transmission System Operators!**



THANK YOU!

A GAME-CHANGER ON THE ENERGY MAP



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