

Alexandroupolis & Thrace LNG Terminals

New energy gateways for Greece &
Europe

Promoting Regional Energy
Cooperation

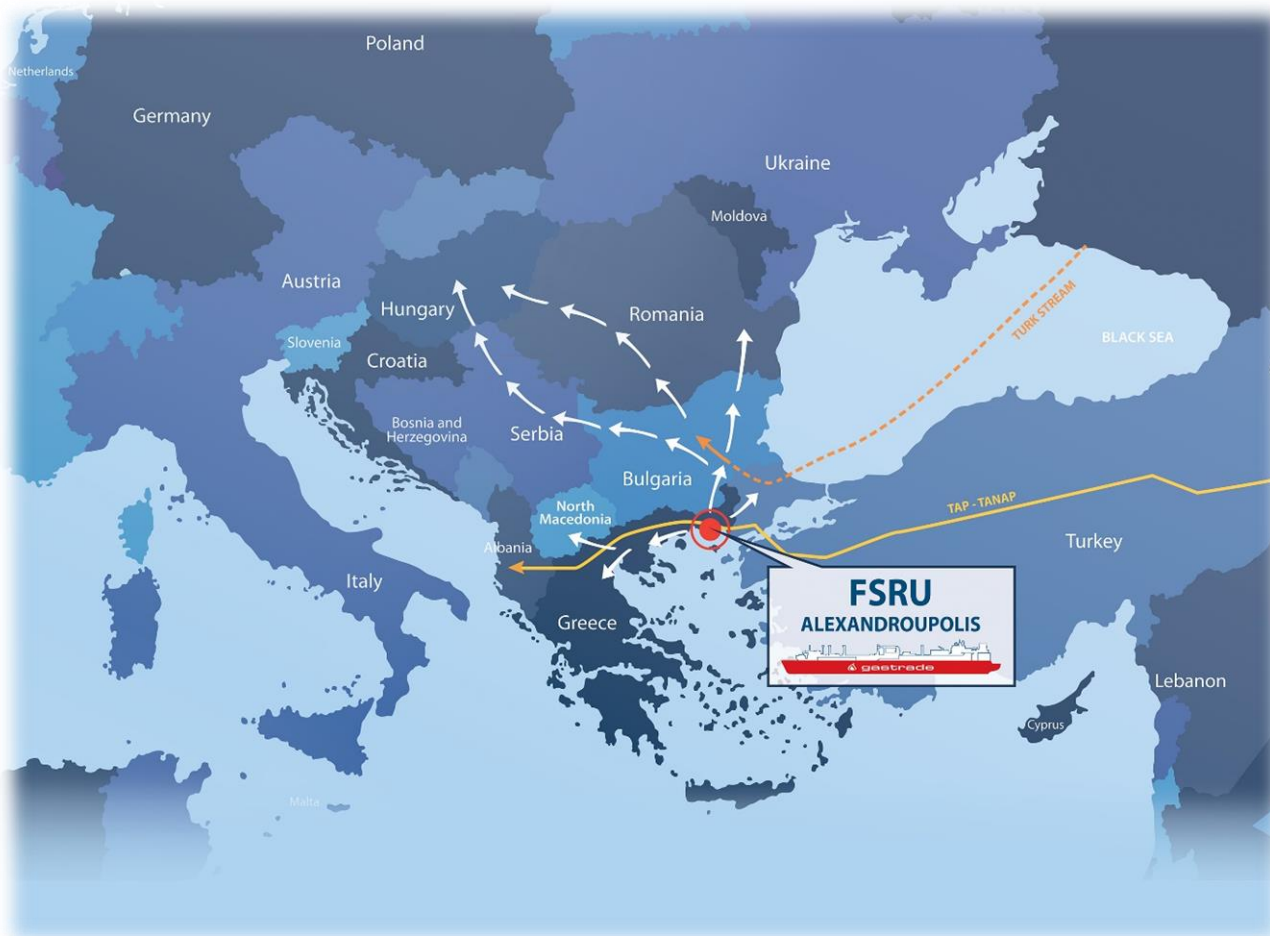
Enhancing Energy Security and
Diversification in SE Europe



Security of supply in the region of SE Europe

requires large scale diversification of sources and supply routes

The region (excl. Ukraine) is dependent on Russian gas by $\approx 60\%$ i.e., 22-23 bcm (2021)



- CEE & SEE are traditionally dependent on Russian gas with few alternatives.
- SEE and the Balkans are among the few European gas markets with strong growth prospective ($\approx 10\%$ 2021-2030)
- The only alternative infrastructures in operation today are TAP and the LNG terminals in Revithousa and Krk.
- The only fully independent infrastructures are the LNG Terminals.

Alexandroupolis and Thrace LNG Terminals are set to satisfy a significant part of the new demand as well as the need for diversification of the supply sources.

Alexandroupolis LNG Terminal is the most important new project for Energy Security and Diversification in the region which is being currently IMPLEMENTED

Infrastructure complementarity is key for the security, independence and development of the markets of SE Europe. Alexandroupolis LNG Terminal operates in harmony and complementarity with IGB and all other existing & planned regional gas projects.

New infrastructures:

- ✓ support consolidation of the markets, liquidity and enhance trading optionality
- ✓ facilitate gas penetration, reduce isolation and consequently reduce overall energy costs

The LNG terminal in Alexandroupolis:

- ✓ enhances regional penetration and alternative supply and route options for the whole region
- ✓ strengthens security and independence of supply
- ✓ supports the transition to a cleaner energy mix

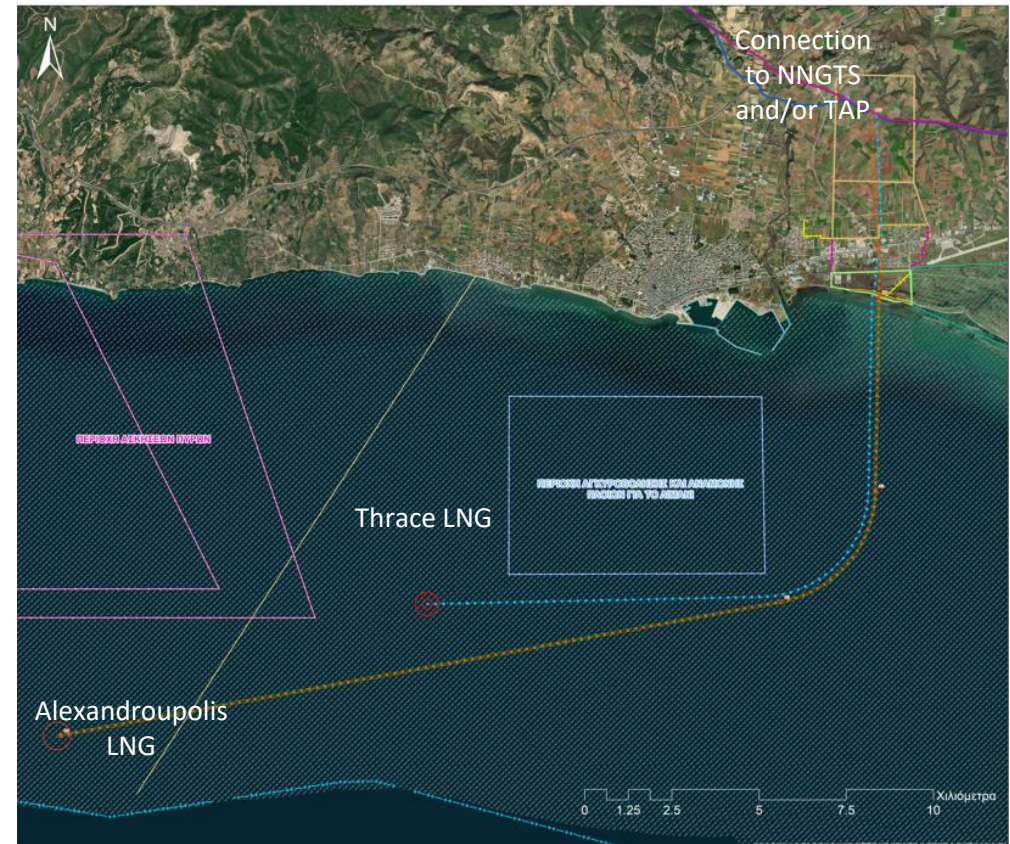
The timely completion of the planned new regional infrastructure projects is of critical importance



Thrace LNG Terminal:

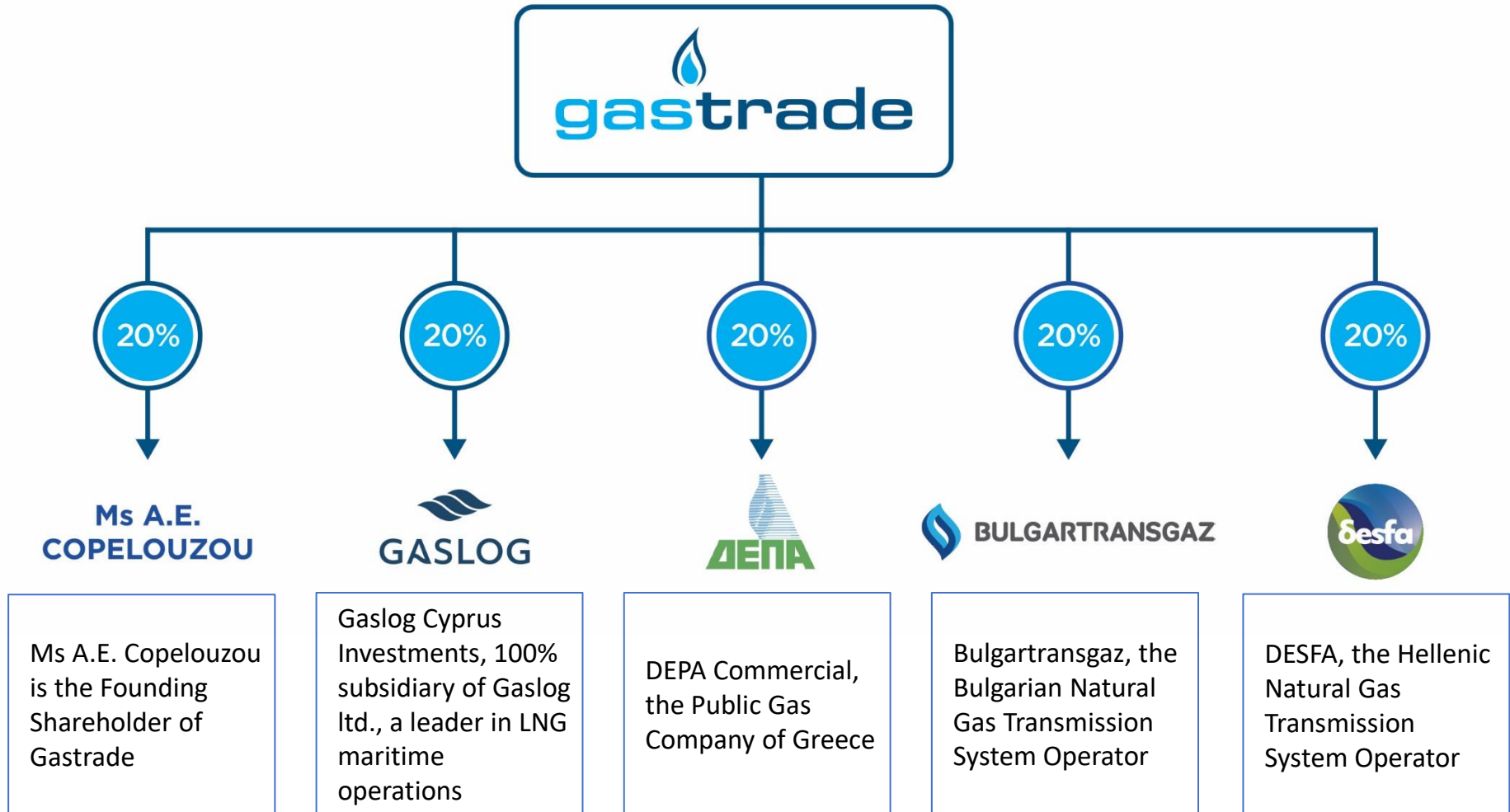
The Project will operate in complementarity with the Alexandroupolis LNG terminal

- The Thrace LNG Terminal in Northern Greece, offshore Alexandroupolis, is promoted by the Greek company Gastrade, established in 2010 with the objective to design, develop, operate and manage the infrastructure for the reception, transmission and distribution of natural gas.
- The Project comprises the FSRU with storage capacity of 170,000 – 185,000 cbm LNG and a maximum regasification rate of 650,000 Nm³/h which corresponds to approximately 6 bcm/year and the permanent infrastructure (mooring system, pipeline, etc.) which connects the FSRU to the Greek National Natural Gas Transmission system and/or TAP. The FSRU will be stationed approximately 15 km SW of the town of Alexandroupolis in NE Greece at an offshore distance of approximately 4.5 n.m. (8 km) from the nearest shore.
- The Project's license for an Independent Natural Gas System has been approved by the Regulatory Authority for Energy on 27.04.2022.
- The Project is candidate to be included in the "REPowerEU" facility.
- Commercial Operation Date can be realised within 2024.
- Estimated Investment Cost: 510 ml. Euro



A strong alliance of Partners each adding value to the Project

Their presence and their daily contribution guarantee the swift implementation of the Project



Market players from the whole region have reserved long term capacity at the Project

The reach of the Projects continues to grow



FSRU Conversion and Mooring Fabrication status

Pre-Fabrication (FSRU) & Fabrication Works (Mooring) commenced – Detailed Engineering almost completed



Fabrication of T-Bars for under deck



Temporary Supports Fabrication



Anchor final design



Chain Production

EPCI Construction

Onshore Works Commenced - Long Lead Items Purchase Orders Submitted

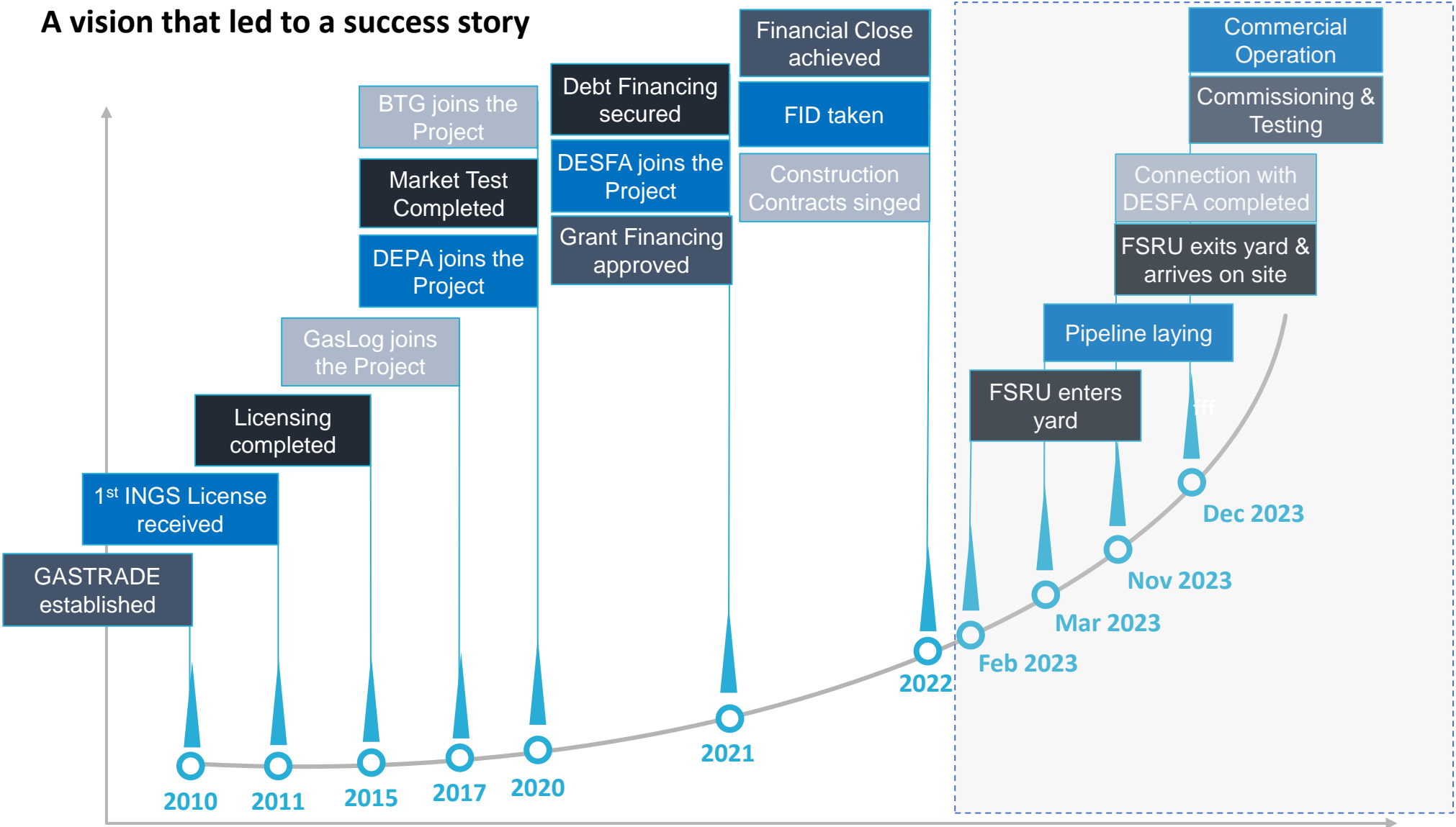
- Purchase Order for the Supply of “Coated Line Pipes” to CORINTH PIPEWORKS PIPE INDUSTRY SINGLE MEMBER S.A. (Greece) **placed on 05.08.2022**
- Purchase Order for the Supply of “Flexible Risers” to NATIONAL OILWELL VARCO (Denmark) **placed on 16.08.2022**
- Purchase Order for the Supply of “Umbilical” to MFX DO BRASIL EQUIP. LTDA (Brazil) placed on 15.09.2022



Onshore Right of Way Construction Works from the railway to the shoreline completed (390 m)

The Alexandroupolis Terminal Project has received FID and is currently implemented

A vision that led to a success story



Energy as a tool for Cooperation and Solidarity

A Partnership for European Cooperation and Solidarity placing Greece at the forefront of strategic developments

τας την ενεργειακή
εια και αυτονομία
ing energy security
d independence


gastrade
LNG FSRU Alexandroupolis



LNG Alexandroupolis Commencement of
Construction celebration event.
Alexandroupolis, 3 May 2022