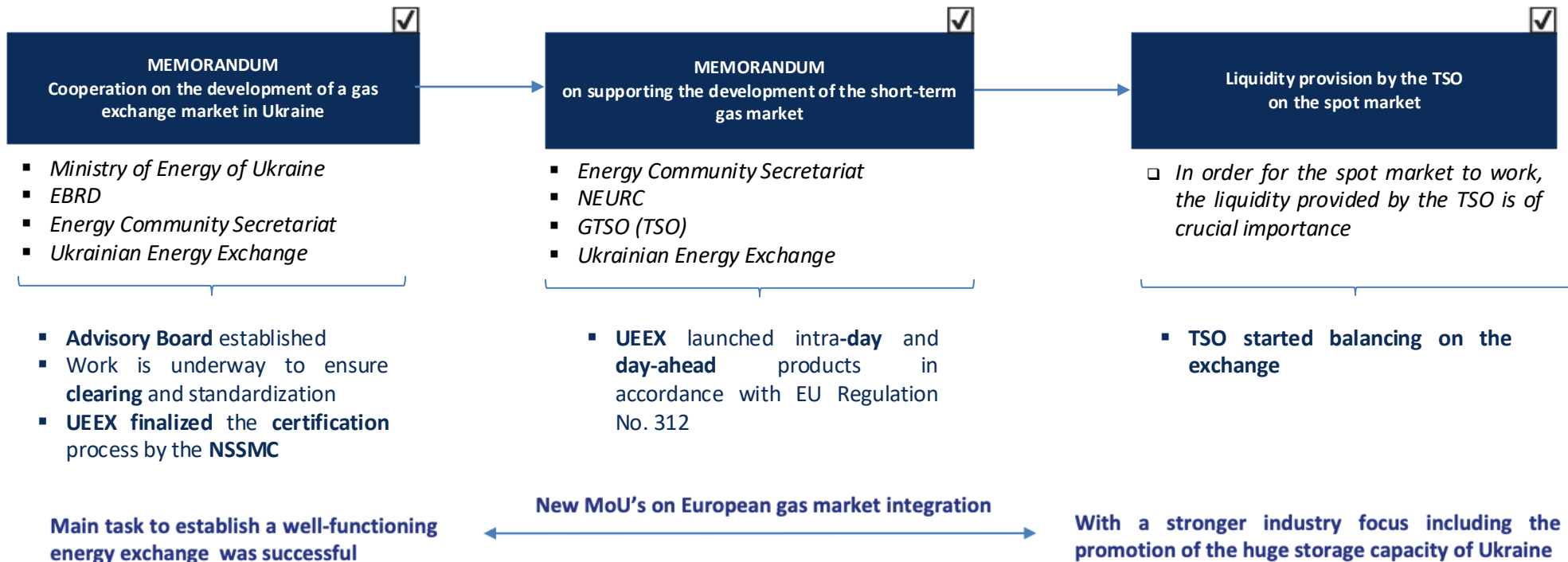


UNITED SEAS FOR GAS

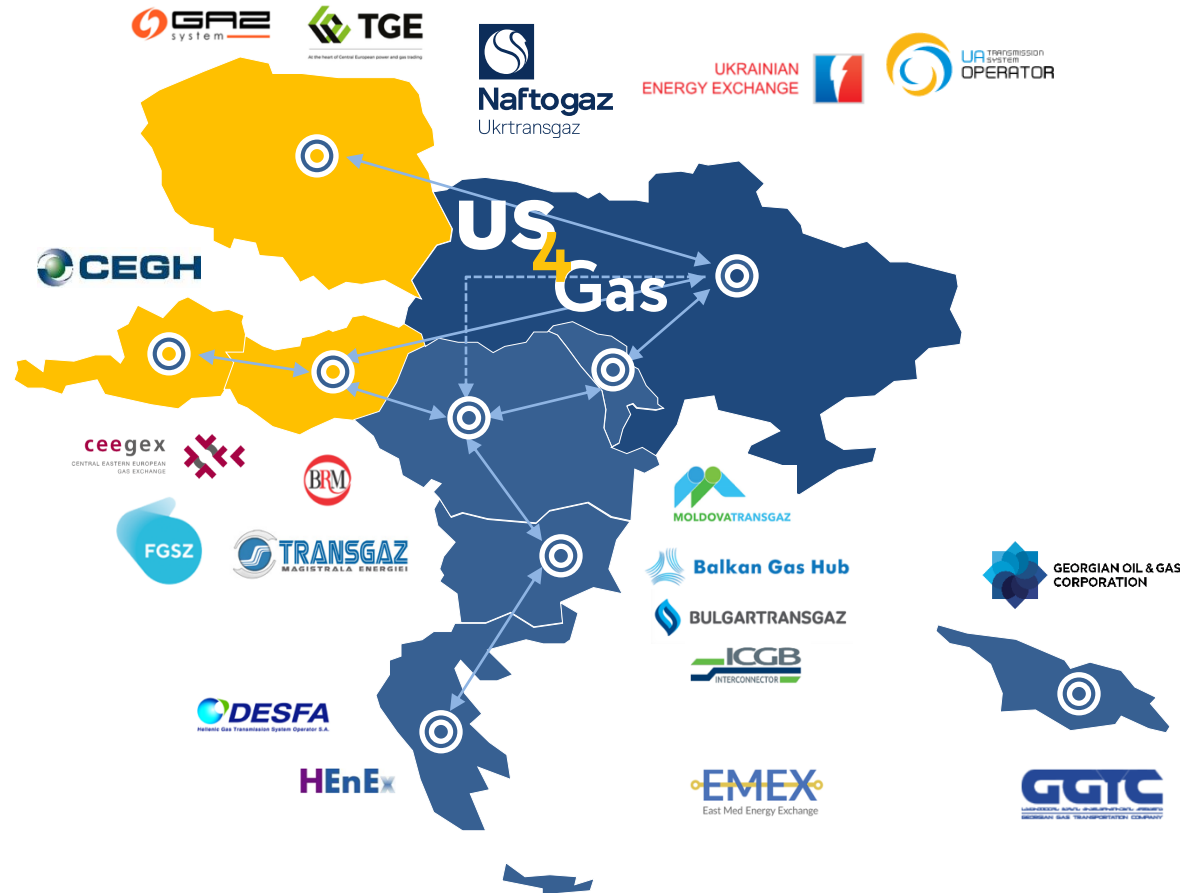
- Kick-off meeting meeting Hafen Hamburg
- Initiative to foster market integration, liquidity and security of gas supply in the region
- Central Commodity Clearing Software (CCCs)
- Development of the Energy Settlement Platform (ESP)

Outdated MoU's which were successfully developed to form a competitive market in Ukraine 2019-2020 do not reflect the reality and it recommended to renew the MoU



History vs reality – why is a change needed?

- SEEGAS Trans-regional **Memorandum of Understanding signed** during the summer 2021 which established **Joint-Steering Committee**, and the first official physical meeting took place in Vienna in September 2021
- Three reports were published which provide an analysis on the gas exchange, clearing and gas transmission infrastructure
- The project scope was finalized with a regional clearing analysis
- Today the MoU does not reflect the actual realities of the gas market and is not inclusive



Routes to Ukraine UGSs

30.95 bcm
OVERALL UGS
WORKING VOLUME
OF
UKRAINE

US 4 Gas

Legend:

- Vertical corridor pipeline
- Exiting pipeline IPs
- New pipeline

Key locations and facilities shown on the map:

- Brunsbüttel (DEBRB) LNG
- Wilhelmshaven FSRU
- Stade LNG
- Baltic Energy Gate (Port) Lubmin FSRU
- Świnoujście LNG
- Gdańsk FSRU
- Klaipėda FSRU
- Drozdovychi
- Uzhhorod-Vel'ke Kapusany
- VIP BEREG
- Panigaglia LNG
- Rovigo LNG
- Krk LNG
- Toscana FSRU
- Kaushany
- Isaccea-Orlovka
- Kardam - Negru Voda (+ Ruse-Giurgiu)
- Stara Zagora
- Komotini
- Alexandroupolis LNG
- Saros FSRU
- Revythoussa LNG

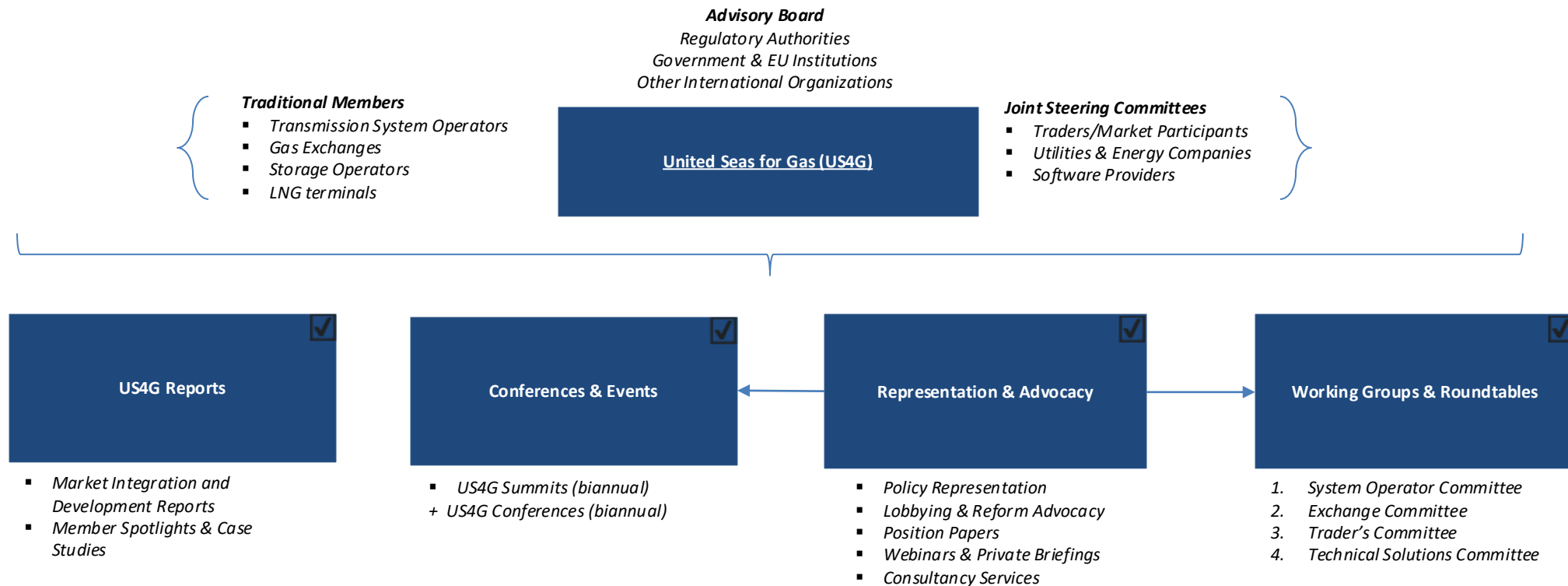
**OVERALL UGS
WORKING VOLUME
OF
UKRAINE**



US4Gas

- Vertical corridor pipeline
Exiting pipeline IPs
New pipeline

United Seas for GAS - New setup with a basic product line – Inclusive new approach to address changed market realities



Assistance in the Development of a joint regional energy market post-trade framework in Southern and Eastern Europe - the birth of the CCCs idea

ceegex
CENTRAL EASTERN EUROPEAN
GAS EXCHANGE



HEnEx



Balkan Gas Hub

UKRAINIAN
ENERGY EXCHANGE



TGE
At the heart of Central European power and gas trading

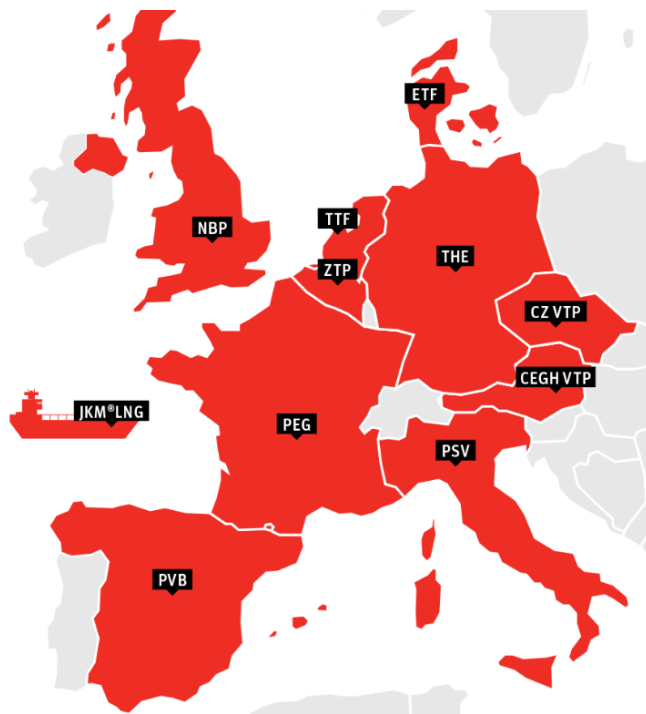


π PONTON
PLATFORMS FOR ENERGY
ENERGY FOR PLATFORMS

 European Bank
for Reconstruction and Development

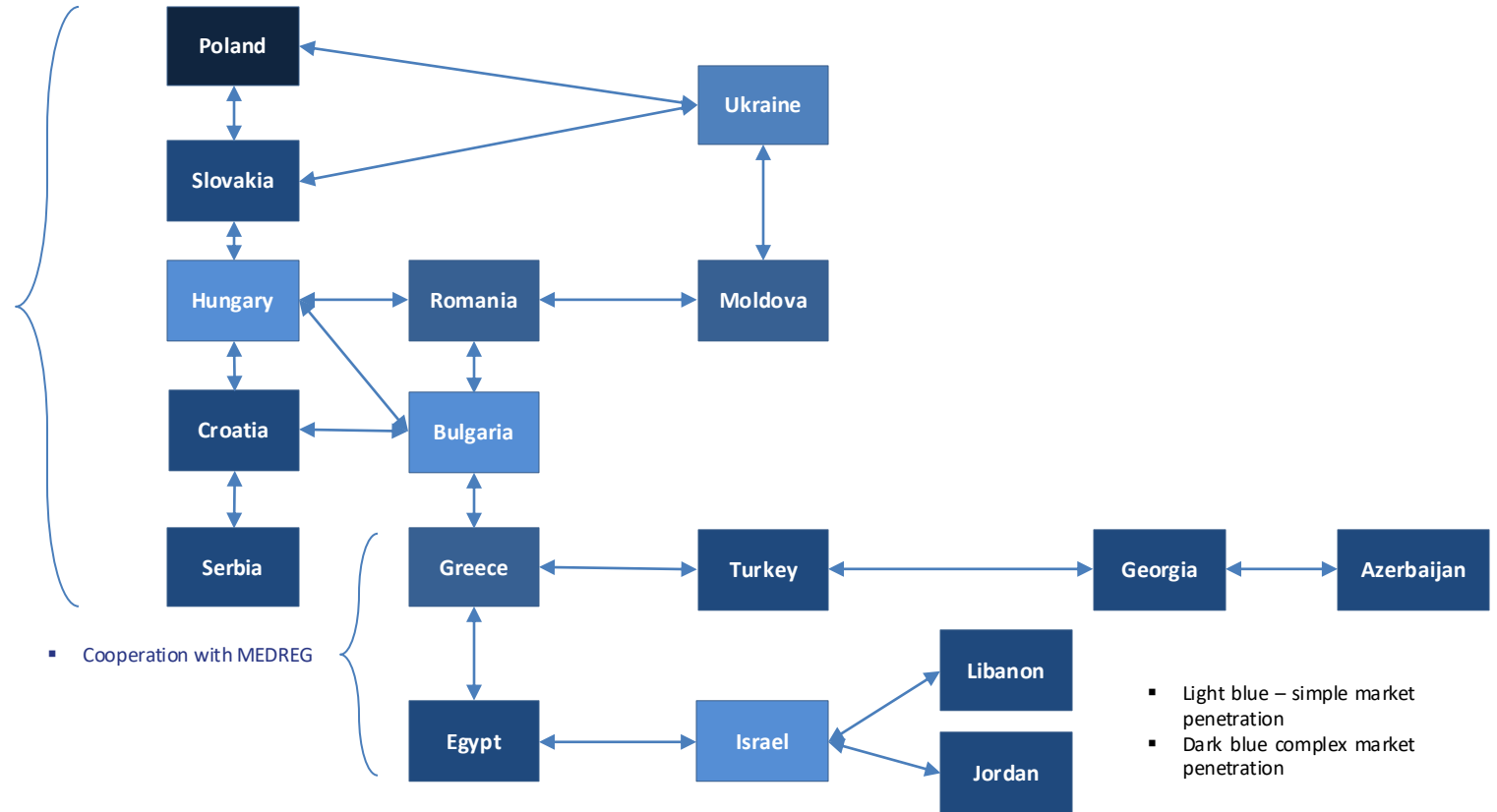
Technical Market standards play a role for security of supply and interconnectivity of gas markets

› eex group



- As of today, we see a technical split between the regions
- The gas spot market of the EEX group is cleared and settled through the SMSS-system developed by Ponton in 2008
- To ensure compatibility with ECC's SMSS system a cooperation with Ponton is recommended
- Through a joint project the update of the old software and harmonization in the region could be achieved --> CCCs - ESP

Gas-settlement and nomination not yet covered by ECC and relevant gas markets for a setup of an energy settlement platform



THANK YOU
FOR YOUR
ATTENTION

GET IN TOUCH



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