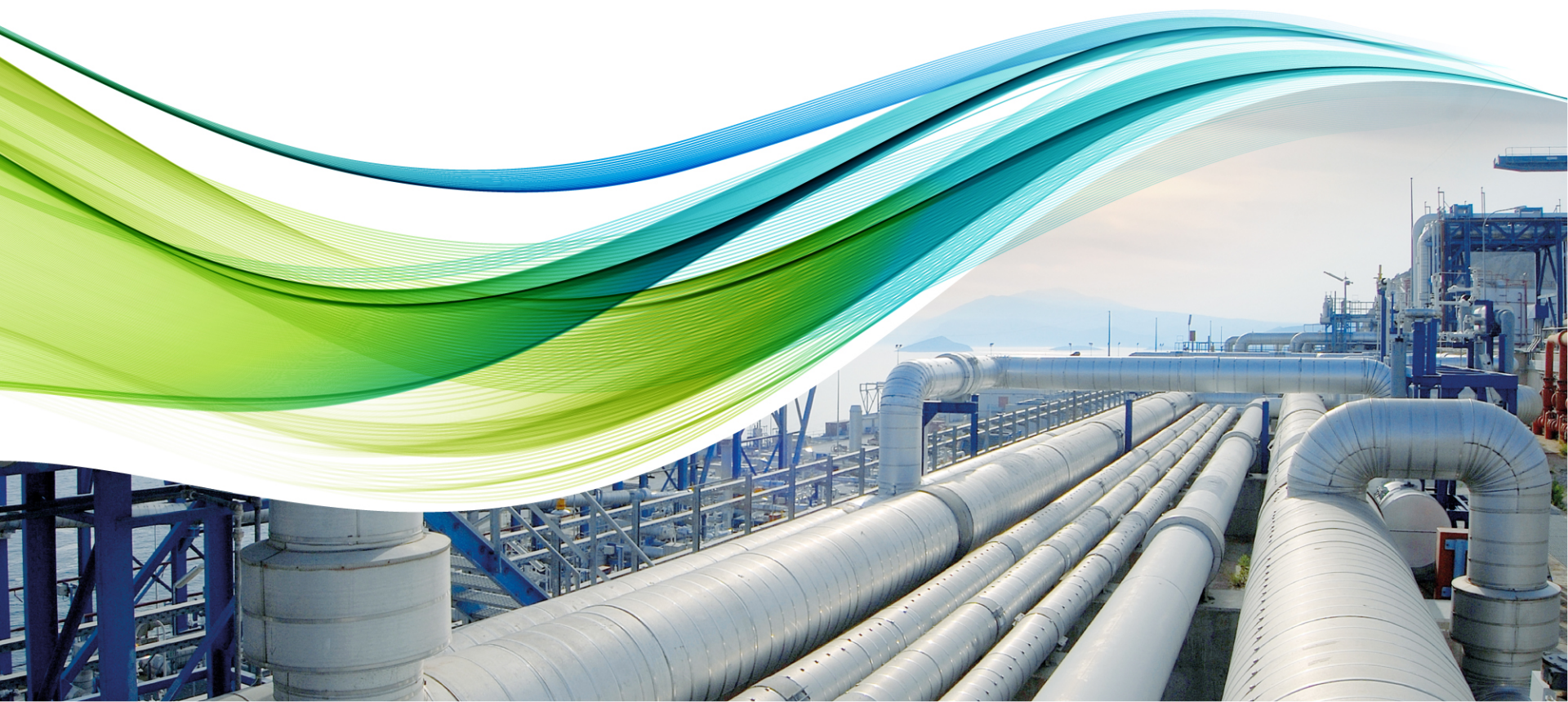


DESFA PCI 2019 Candidate projects

Brussels, 8 May 2019



Projects NSI East

- **TRA-N-128 Compressor Station Kipi**
- **TRA-N-967 Nea Messimvria to North Macedonia pipeline**
- **TRA-N-1092 M/R station at UGS South Kavala**

TRA-N-128 Compressor Station Kipi



Description: The project consists of a compressor station on the GR side of the GR/TK border with a capacity of 4,5 MW ISO (plus spare).

Capacity Increment: 54 GWh/d

Status: On hold. Preliminary permitting completed.

The implementation is subject to the FID for 3rd party projects (e.g. LNG terminal in Northern Greece in NSI-East) or to increased demand for reverse flow from Greece to Bulgaria through Sidirokastron or to increased demand for import from Turkey

Commissioning: Not scheduled yet

Benefits: The project is an enabler for projects with significant cross-border impact.

TRA-N-967 Nea Messimvria to North Macedonia pipeline



Description: The project consists of a 56 km, 28" or 30" pipeline, from Nea Messimvria to the Greece/North Macedonia border.

Capacity Increment: 76,5 GWh/d

Status: MOU between DESFA and MER signed in Oct. 2016. ESIA submitted in December 2018 for the issue of Environmental terms. Feasibility study submitted to EIB in Jan. 2019. FEED started in April 2019. Market test under preparation.

Commissioning: 2022

Benefits: The project has important benefits (Market integration, SoS) for an Energy Community member. It will also ensure the higher rate of utilization of the DESFA infrastructure allowing a reduction of the transmission tariffs

TRA-N-1092 M/R station at UGS South Kavala



Description: The project consists of a bi-directional Metering & Regulating station allowing the injection to and withdrawal from the future UGS of South Kavala

Capacity Increment: 55 GWh/d (injection), 44 GWh/d (withdrawal).

Status: The implementation is subject to the investment decision for the UGS South Kavala

Commissioning: 2023 (tentative)

Benefits: The project is an enabler for the UGS project which has a cross border impact regarding SoS in SE Europe.

Projects Southern Gas Corridor

- TRA-N-941 compressor station at Nea Messimvria to TAP
- TRA-N-1276 compressor station at Nea Messimvria (3rd unit)
- TRA-N-1278 compressor station at Ambelia

TRA-N-971 compressor station at Nea Messimvria to TAP



Description: The project consists of a 7 MW compressor station (plus spare) located at the exit of the existing (and under upgrade) compressor station in the same area, so that it acts as a booster. The project will allow injection of gas from the DESFA Grid to TAP (which operates at a higher pressure). The project is necessary to make the DESFA/TAP IP bi-directional in a firm capacity mode.

Capacity Increment: 116 GWh/d

Status: Hydraulic study has been completed. Tender will be issued for FEED .

Commissioning: 2023

Benefits: The project will enable the transmission of gas from the various sources of the DESFA system to all the systems connected with TAP (e.g. IGB, Albania).

TRA-N-1276 compressor station at Nea Messimvria (3rd unit)



Description: The project consists of the addition of a 3rd turbo-compressor unit of 7,5 MW ISO to the existing compressor station in the same area, thus enabling the DESFA grid to cope with the increased gas supply from the north. It also includes the necessary interventions to enable bi-directional operation of the N. Messimvia compressor station in order to support physical reverse flow to Sidirokastron I.P. in all cases

Capacity Increment: 12 GWh/d (55 GWh/d in conjunction with TRA-N-1278 Ambelia compressor station)

Status: Preparation of Tender documents for award of construction

Commissioning: 2022

Benefits: The project will increase the capacity of the IPs located at the northern part of the DESFA grid in both directions

TRA-N-1278 compressor station at Ambelia



Description: The project consists of the addition of a compressor station of 2x10 MW (plus spare) enabling the DESFA grid to cope with the increased gas supply from the north, after the commissioning of the TAP/DESFA IP. The compressor unit will operate in bi-directional mode, thus enabling an increase of reverse flow to the I.P.s too.

Capacity Increment: 43 GWh/d (55 GWh/d in conjunction with TRA-N-1276 Nea Messimvria 3rd unit)

Status: Preparation of Tender documents for award of FEED

Commissioning: 2022

Benefits: The project will increase the capacity of the IPs located at the northern part of the DESFA grid in both directions.