



NATURAL GAS PUBLIC COMPANY (DEFA)

CYPRUS NATURAL GAS MARKET OUTLOOK

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Chairman

Natural Gas Public Company



Co-financed by the European Union

Connecting Europe Facility

The LNG Import Terminal Project

- Acquisition of **FSRU**
- Construction of the **jetty** for FSRU berthing and mooring equipment
- Construction of the jetty borne **gas pipeline and Loading Arms**
- Construction of **onshore gas pipeline**
- Construction of shore side **above ground installation** (AGI) pressure reduction and metering station (PRMS)
- Construction of **pipeline storage array** as a Natural Gas buffer solution



LNG Import Project Progress, Structure & Financing

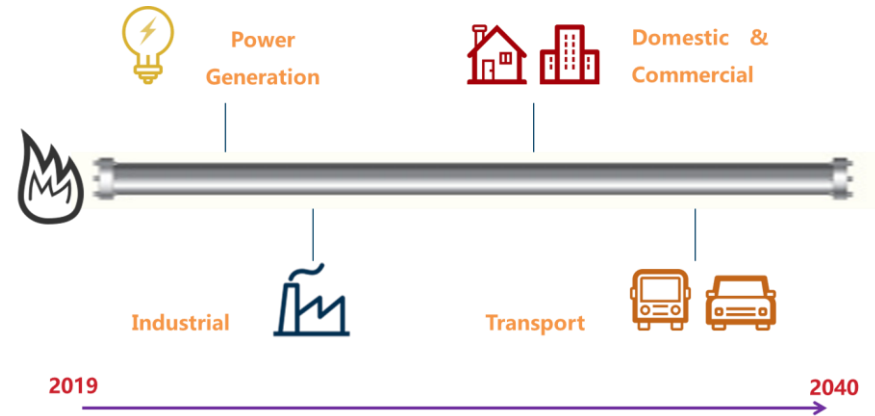
- Secured Environmental Licensing
- Received Preliminary Permit for Marine Works from CPA
- Project Budget: €300m.
- Awarded a Connecting Europe Facility (CEF) Grant of 40% of eligible CAPEX, up to €101m.
- Created ETYFA (Natural Gas Regasification Infrastructure Company)
- Engaged in discussions with EIB and EBRD. In discussion with additional interested Financial Institutions.
- Government of Cyprus Decision for Electricity Authority of Cyprus (EAC) participation in the infrastructure SPV (ETYFA), up to 30%



Natural Gas Pipeline Network

NG Pipeline Network:

- €10m. Grant EU Co-Financed under EEPR
- DEFA appointed GNFe for Engineering Consultancy Services for the NG Pipeline Network Development in 2010
- Feasibility Study completed in 2012
 - Revised in 2016-2017



Natural Gas Pipeline Network

NG Pipeline Network:

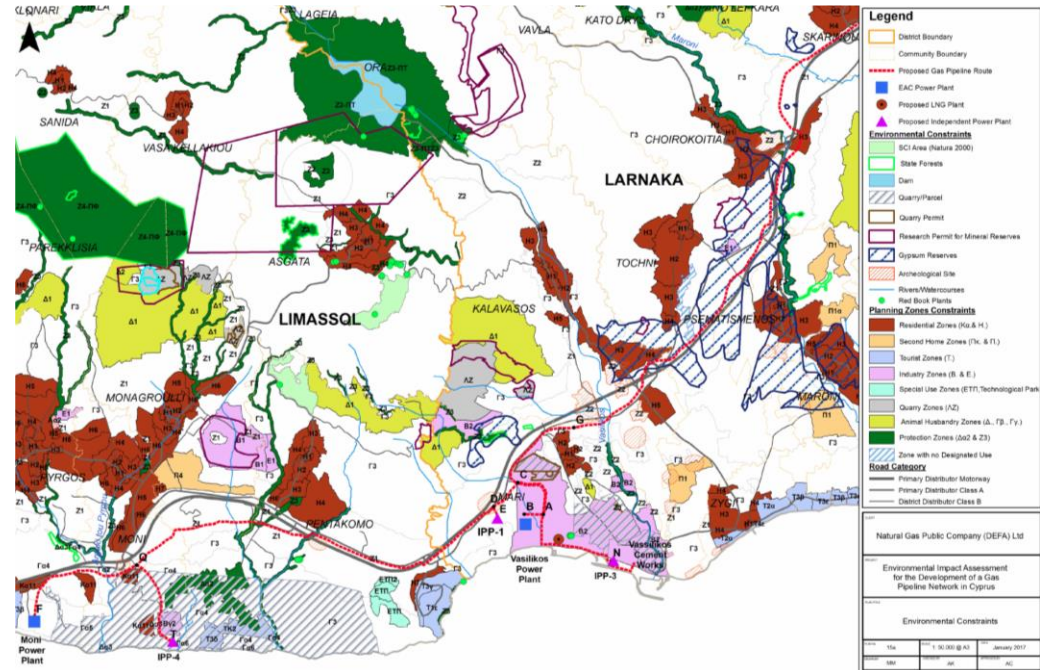
- Phase A' – Power Gen
- Route Selection



Natural Gas Pipeline Network

NG Pipeline Network:

- Route: Selected trying to minimise impact and avoiding all environmental/social/other constraints
- Design Extract/Example: follows highway passing through town planning zones (avoiding housing/touristic zones, etc.)



DEFA Driven Projects/Initiatives

● **LNG Procurement**

- Expression of Interest (EoI) to be announced in Q1/19
- Receiving Interest for MSAs and SPA Request for Proposal (RfP) stage
- SPA RfP stage, following award of infrastructure tender

● **Owner's Engineer Tender**

- To be announced Q1/19
- Award prior to receiving proposals for infrastructure tender

● **Open Season Process**

- Determination of Major End Users, NG Quantities per buyer and Spatial Allocation
- 3 current licensed IPPs

● **NG Pipeline Network Development**

- Preliminary Design and Feasibility Study Completed
- Phase A' – Power Generation supply and development of backbone transmission network

● **Other NG Consuming Markets**

- Bunkering
- Industry
- Road Transport



Upcoming Cyprus Hydrocarbons Related Projects to 2021

Infrastructure Projects

- **Natural Gas Public Company Ltd [ΔΕΦΑ]**
 - Cyprus LNG Import Project
 - Natural Gas (NG) Pipeline from Vasilikos to Dhekelia Power Station
- **Cyprus Hydrocarbons Company**
 - Monetization of Aphrodite
- **KODAP (Cyprus Organisation for Storage and Management of Oil Stocks)**
 - Construction of Tank Farm
- **Multiple Companies move from Larnaca to Vasilikos**
 - Liquid Hydrocarbons Storage
 - LPG Facilities and Storage
- **Cyprus Ports Authority**
 - Onshore Hydrocarbons Port Facilities at Vasilikos
 - Vasilikos Port Expansion

Drilling and Exploration

- ENI/KOGAS
- ENI/TOTAL
- EXXONMOBIL/QP

Power Generation Projects

- EAC Expansion Projects
- 2 Active IPP Licenses



Thank You!

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