



NATURAL GAS PUBLIC COMPANY (DEFA)

CYPRUS LNG IMPORT TERMINAL

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Chairman

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**EASTERN MEDITERRANEAN
GAS CONFERENCE**

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EMGASCONFERENCE.COM



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%



DEFA Driven Projects/Initiatives

- **LNG Procurement (Process Analysed Later)**
 - 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



LNG Supply Procurement Process

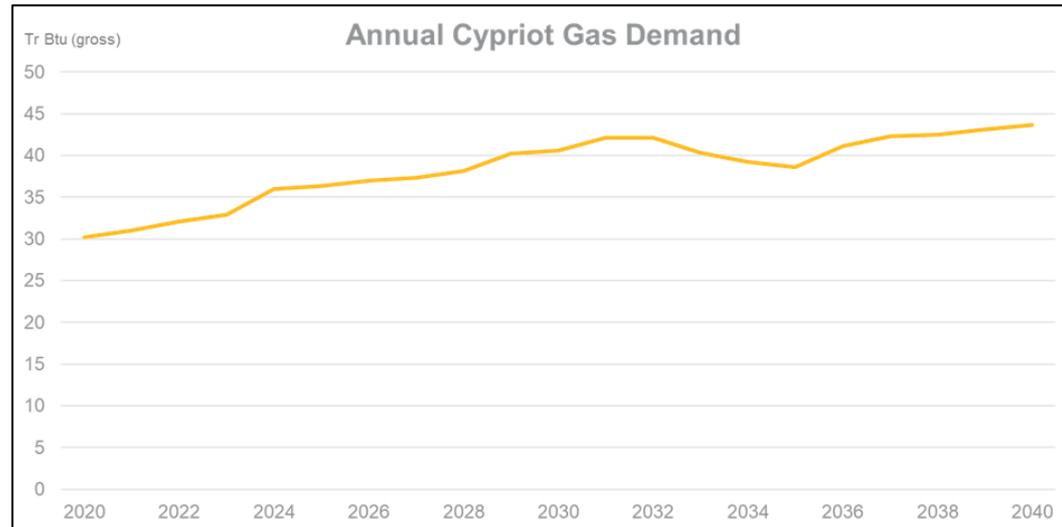


- **2 Stage Process**, EoI (prequalification) & RfP
- Participants will be asked to express interest in supplying LNG through **SPA and/or MSAs**
- SPA **short to mid term** duration
- Cyprus' LNG Demand will be allotted between SPA and MSAs
 - SPA will cover **base load Quantities**
 - MSAs will be used for **supplementary cargos**
- EoI to be announced Q1 2019
- RfP stage will follow the award of the LNG Import Terminal Tender to include info impacting the procurement process
 - FSRU Storage Capacity
 - Commencement of Operations Date



LNG Supply Procurement Process

- Mainly Power Gen. Demand
- Intense Seasonal Profile (summer peak)
- Initial LNG import requirement is anticipated to be approximately 30 Tr Btu per annum
- Demand is anticipated to rise to 40 Tr Btu by 2030
- LNG/NG penetration in other sectors will be an upside to the demand profile
- Sectors under study and consideration:
 - LNG Bunkering
 - Industrial
 - Commercial
 - 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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