



NATURAL GAS PUBLIC COMPANY (DEFA)

# CYPRUS LNG IMPORT TERMINAL

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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%

# DEFA Driven Projects/Initiatives

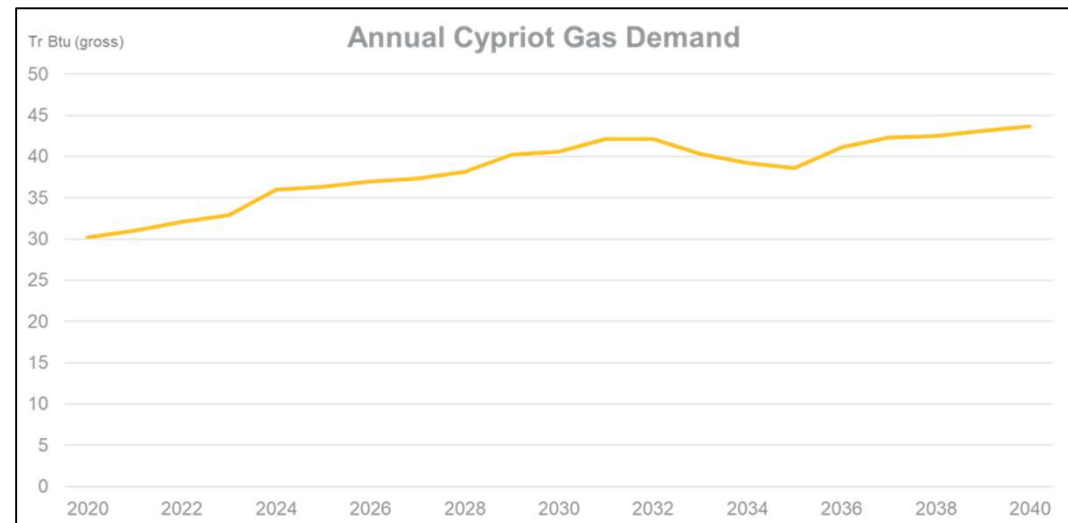
- **LNG Procurement (Process Analysed Later)**
  - Expression of Interest (EoI) to be announced in Q1/19
  - Receiving Interest for MSAs and SPA Request for Proposal (RfP) stage
  - SPA RfP stage, following award of infrastructure tender
- **Owner's Engineer Tender**
  - To be announced Q1/19
  - Award 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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