

Energizing the Eastern Med

Yossi Abu - CEO

November 2018

Disclaimer



This presentation was prepared by Delek Drilling – Limited Partnership (the "Partnership"), and is given to you only for the provision of concise information for the sake of convenience, and may not be copied or distributed to any other person. This presentation does not purport to be comprehensive or to contain any and all information which might be relevant in connection with the making of a decision on an investment in securities of the Partnerships.

No explicit or implicit representation or undertaking is given by any person regarding the accuracy or integrity of any information included in this presentation. In particular, no representation or undertaking is given regarding the realization or reasonableness of any forecasts regarding the future chances of the Partnerships.

To obtain a full picture of the activities of the Partnership and the risks entailed thereby, see the full immediate and periodic reports filed by the Partnerships with the Israel Securities Authority and the Tel Aviv Stock Exchange Ltd., including warnings regarding forward-looking information, as defined in the Securities Law, 5728-1968, included therein. The forward-looking information in the presentation may not materialize, in whole or in part, or may materialize differently than expected, or may be affected by factors that cannot be assessed in advance.

For the avoidance of doubt, it is clarified that the Partnerships do not undertake to update and/or modify the information included in the presentation to reflect events and/or circumstances occurring after the date of preparation of the presentation.

This presentation is not an offer or invitation to buy or subscribe for any securities. This presentation and anything contained herein are not a basis for any contract or undertaking, and are not to be relied upon in such context. The information provided in the presentation is not a basis for the making of any investment decision, nor a recommendation or an opinion, nor a substitute for the discretion of a potential investor.

Contents



- **□** Leviathan Development update
- □ Israel Gas Market
- **□** Regional Markets
- □ Dolphinus + EMG Overview & Agreements Midstream Solution
- □ Delek Drilling near term targets

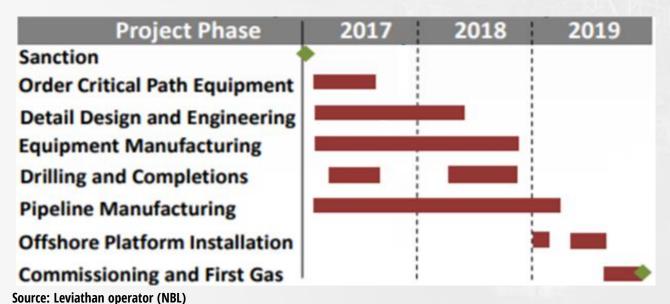


Leviathan Development Status Update





- Phase 1a development progressing ~67% completed
- Fabrication progress on the platform topsides, jacket, and the subsea equipment
- All building permits received or submitted
- More than 300km of subsea pipe placed (out of 513km)
- □ Export pipeline to Jordan progressing and will be ready ahead of first gas to local domestic market





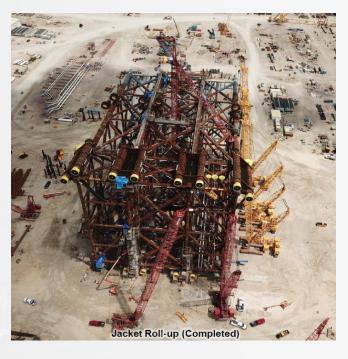


Project Development Visual











Source : Leviathan operator (NBL)

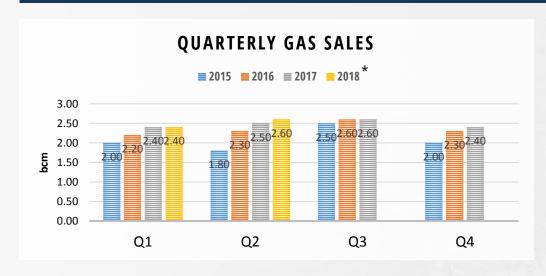
Israel's Gas Demand Trends

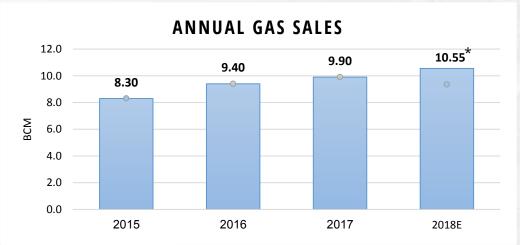


Growing Domestic Demand



Domestic natural gas consumption is in constant growth trend





 $^{^{\}star}$ 2018 numbers based on YTD and Estimated numbers from the DCF published in 2017 financial report

Demand vs Consumption

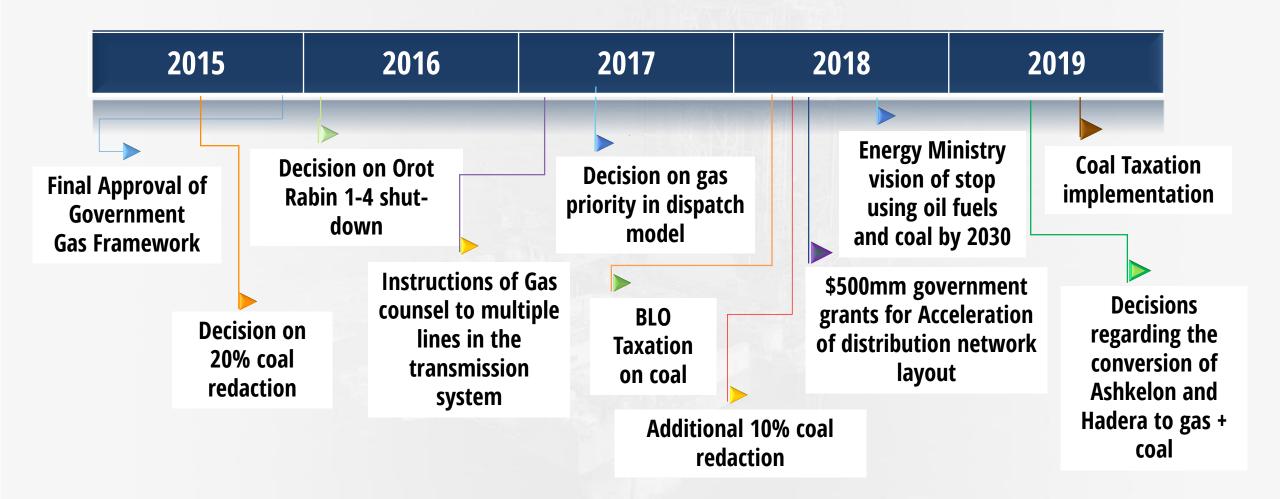
Tamar Sales 2018*	10.5
LNG imports 2018	0.5
2018 Consumption	11
2018 Unfulfilled Demand	1.5
2018 Demand	12.5
2018-2020 Growth (Coal reduction, Industry, Increased demand)	1.5
Gas Demand forecast 2020*	14.0

2018-2020 estimated numbers are forward-looking information and may not materialize, in whole or in part, or may materialize differently than expected, or may be affected by factors that cannot be assessed in advance



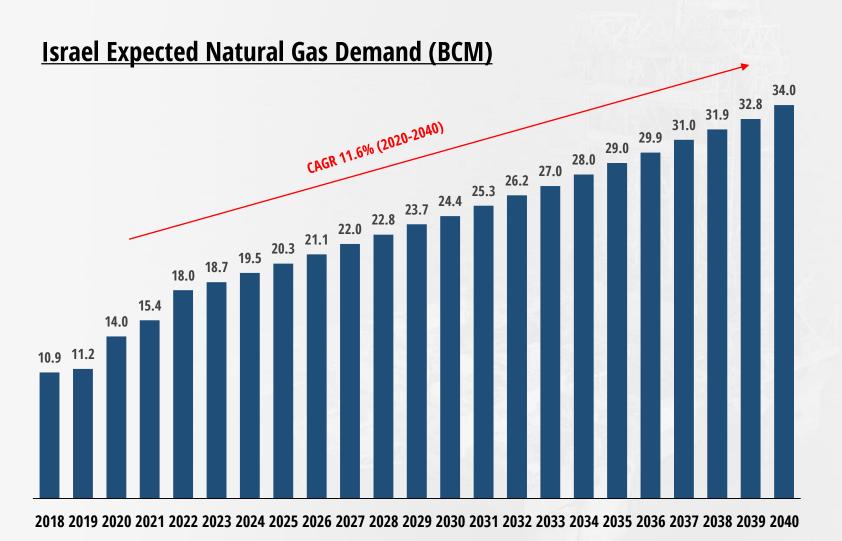




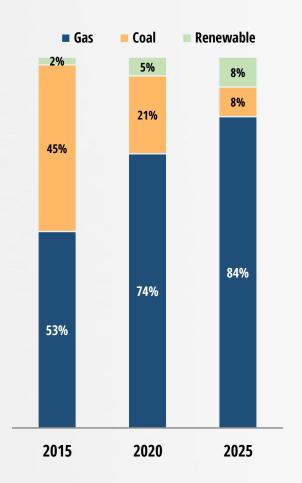


Long Term Demand Growth





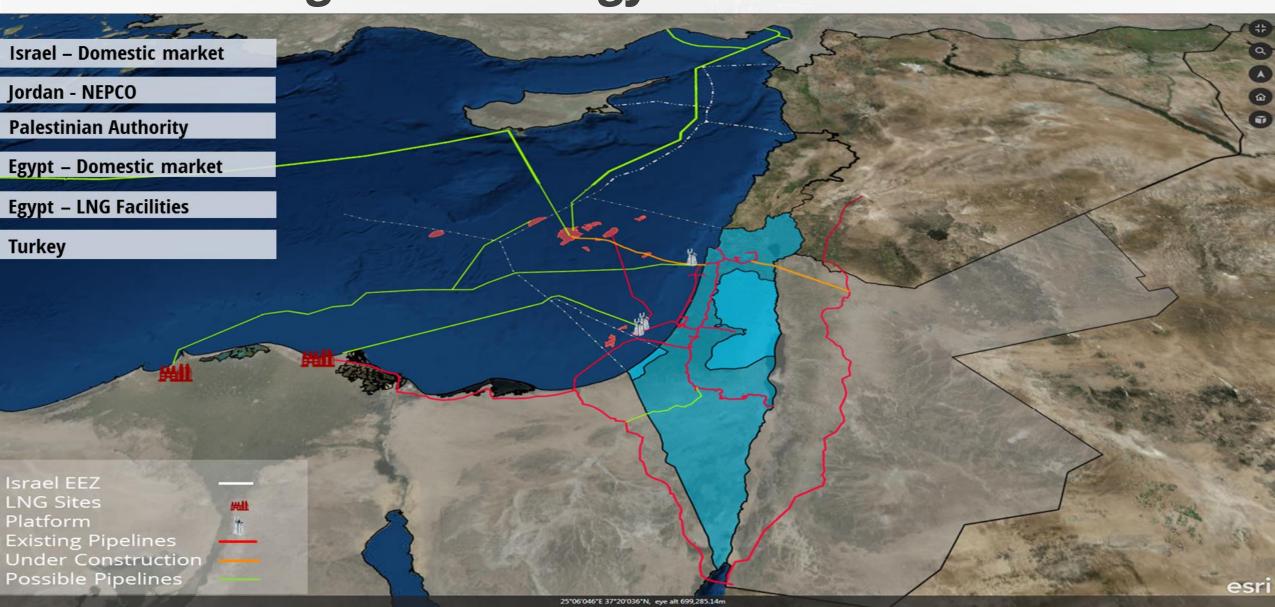
Electricity Generation Mix



Source : BDO Estimates

Delek Regional Strategy







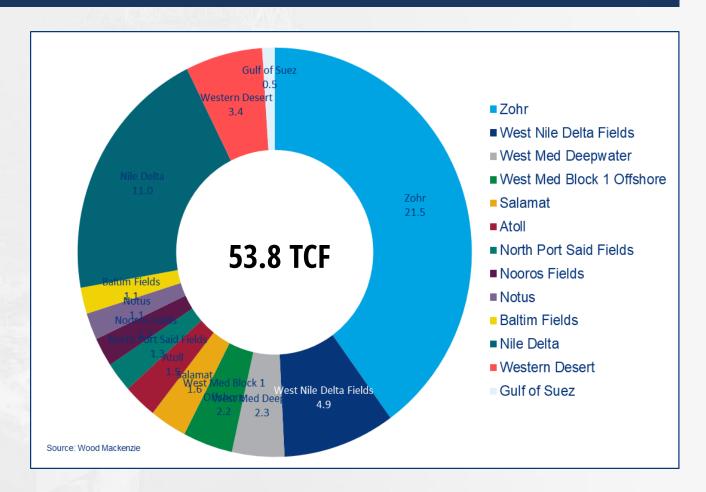






Gas resources breakdown by field or cluster of fields

- Several of the fields have stated production or are entering production:
 - Zohr (21.5 TCF)
 - West Nile Delta Fields (4.9 TCF)
 - West Delta Deep Marine (2.3 TCF)
 - Nooros (1.2 TCF)
 - Atoll (1.5 TCF)
- Additional 7 TCF are included in GUPCO operated fields



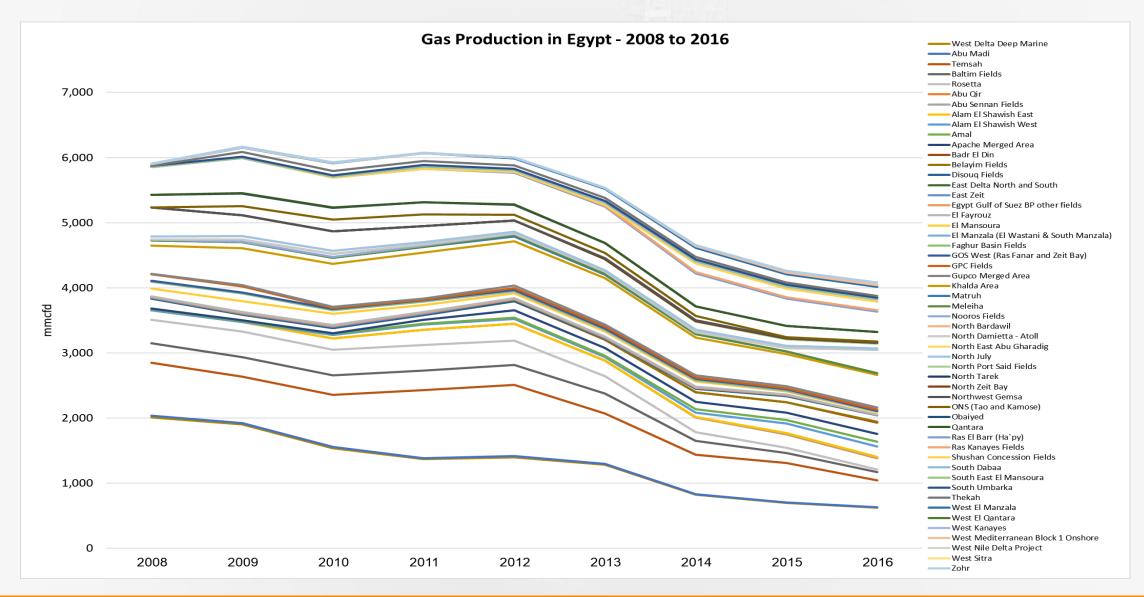
Source: Wood Mackenzie

Gas resources include commercial reserves and contingent resources



Natural Gas Production – until 2016





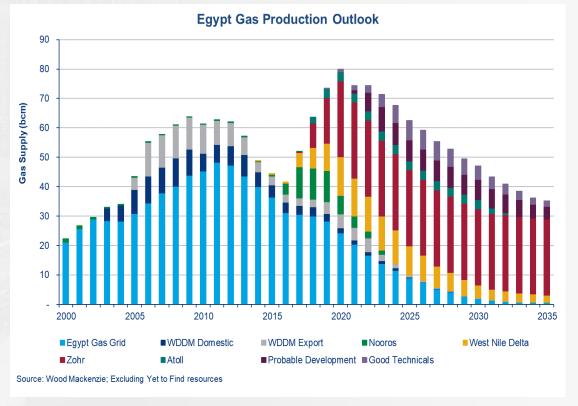


Natural Gas Production Outlook



New gas volumes have entered production in 2017-2018

- Increased production is led by Zohr, West Nile Delta, Atoll and supported by other fields such as
 Nooros and WDDN
- With these new projects, domestic production is expected to reach 80 BCM in 2020
- New gas supply is needed post-2020 to sustain production levels, including exploration success to provide new resources
- Current domestic project production is expected to decrease to ~60 BCM in 2025 and less than 50BCM in 2030



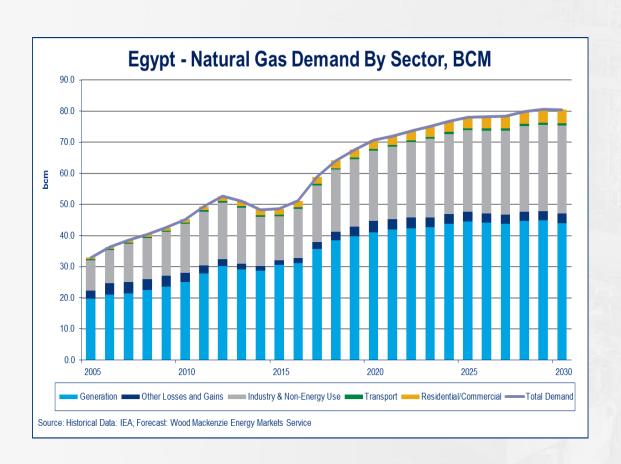
Delek Drilling LP - Energizing The East Mediterranean

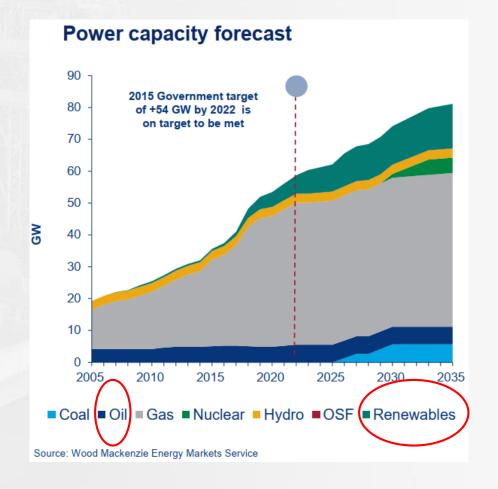






Demand recovers strongly with the increase in supply, 10% average annual growth from 2016-2020

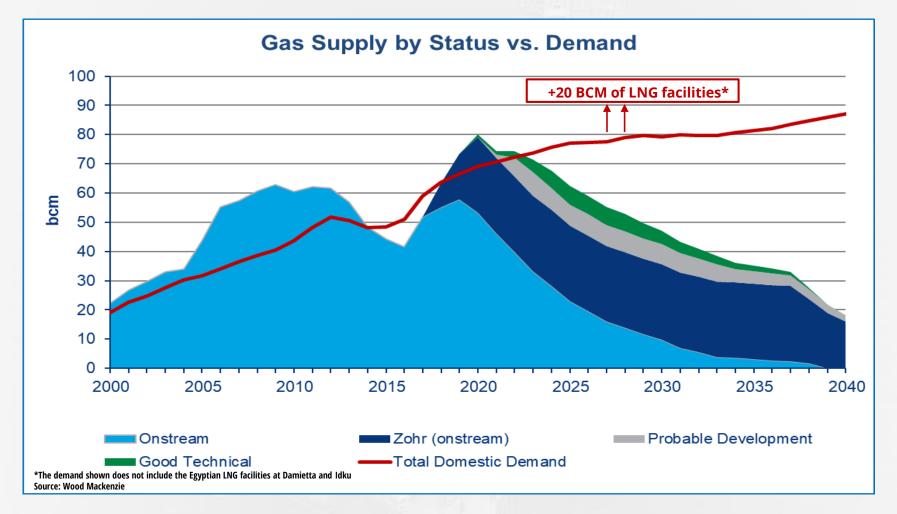












Various International Research Department Reconfirm Long-Term Gas Deficit

Dolphinus GSPA's Details



Leviathan:

- □ Annual supply of 3.5 BCM/y (with TOP level agreed)
- □ Total Contract Quantities: 32 BCM
- **□** Estimated revenue income: \$7.5 Billion

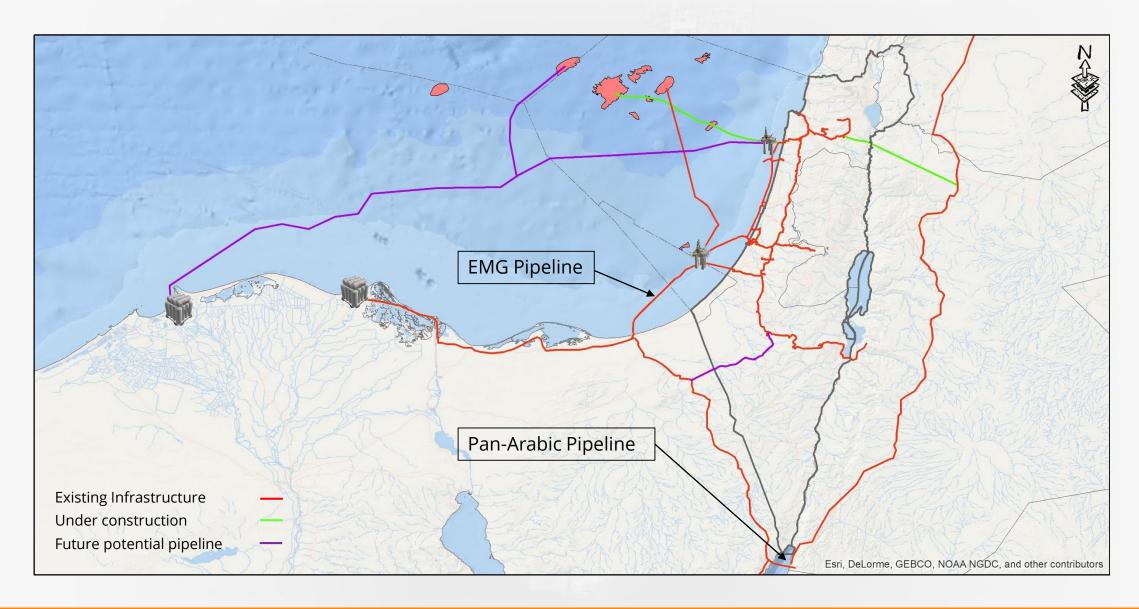
Tamar:

- □ Annual supply begin on an Interruptible base with seller option to convert part or all of the quantity to a firm basis of up to 3.5 BCM/y (with TOP level agreed upon option realization)
- **□** Total Contract Quantities : 32 BCM
- **□** Estimated revenue income: \$7.5 Billion

Contract price based on a Brent linked formula

Infrastructure Solutions





EMG - Transaction Goals



- □ We aim to enable transportation of gas from Tamar and Leviathan to Egypt in order to realize the Dolphinus GSPAs
- □ Our main value from the transaction is elevating the upstream sales of both Tamar and Leviathan
- Securing stable and continuous operation of the EMG pipeline by nominating NBL as technical operator
- ☐ Timing the discussed solution will enable flow gas as soon as practical, at latest for Leviathan startup
- □ Strategic alignment with a major regional infrastructure player

EMG Pipeline Overview

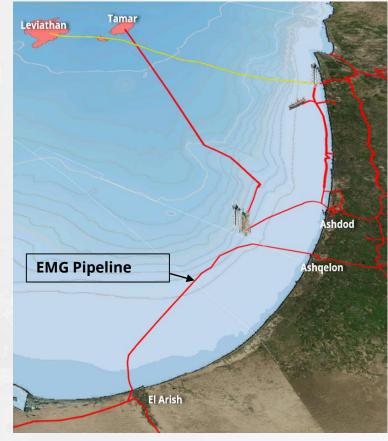


□ Asset Overview:

- Pipeline: 26" diameter, 89 km (85.4 km subsea), from Ashkelon to (Israel) El-Arish (Egypt)
- El-Arish Station: pipeline inlet, Siemens compressors, connection to the 36"
 Trans-Sinai gas pipeline
- Ashkelon Terminal: connection to the Israeli Natural Gas Transmission System

□ **Design and Construction:**

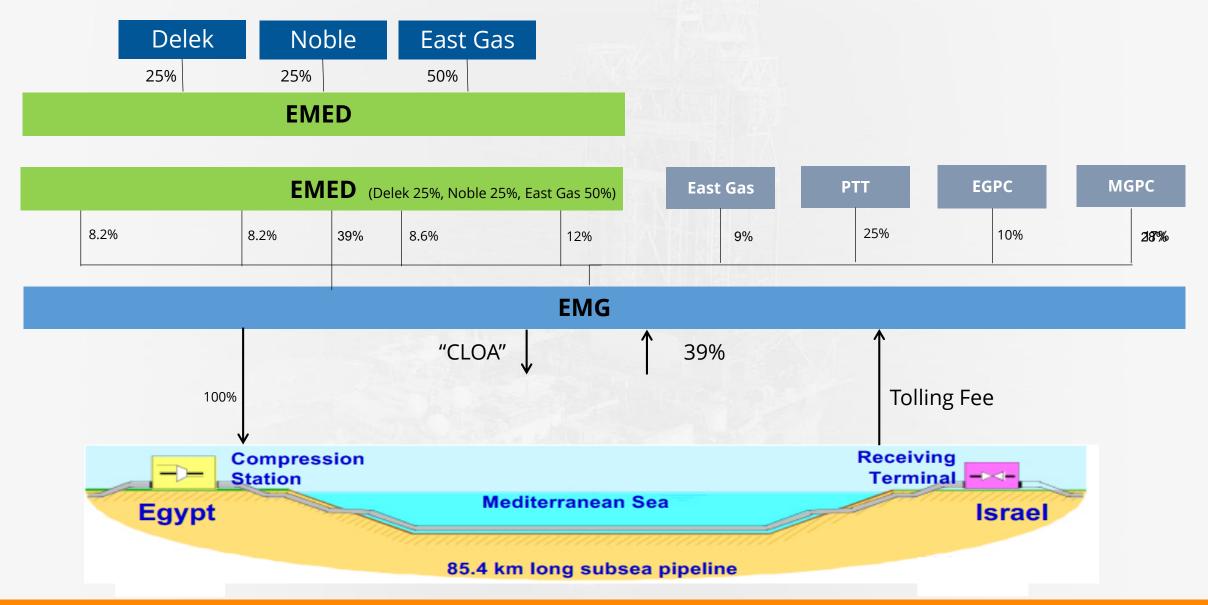
- Nameplate Pipeline Capacity: up to 700 MMcf/d (~7BCM/y)
- Potential Expansion Project: up to 900 MMcf/d (~9 BCM/y) partially complete
- Reputable design and construction: EPC's Allseas Marine & Technip





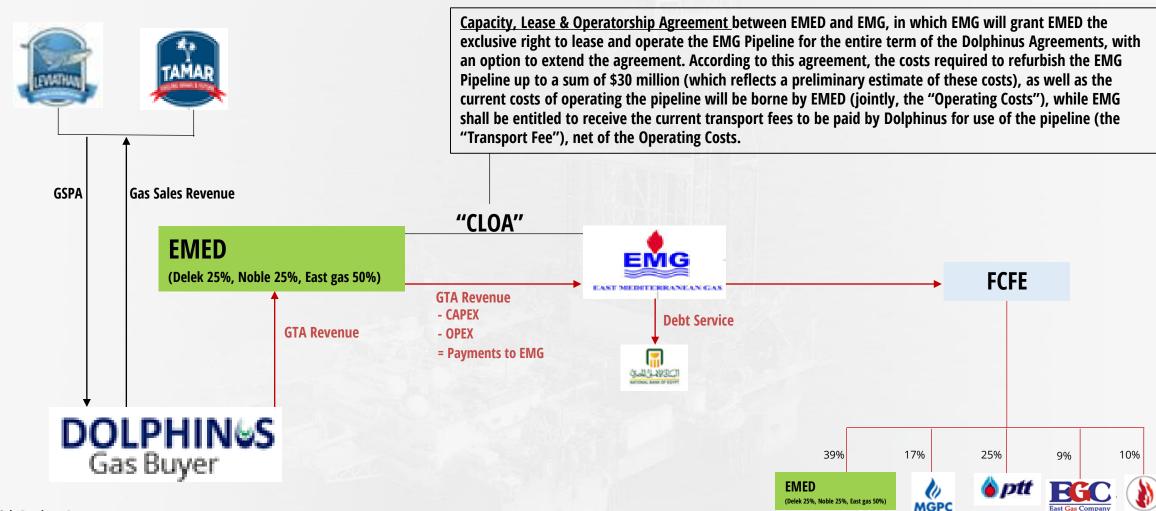
Transaction





Gas / Funds Flow





GSPA – Gas Sale Purchase Agreement GTA – Gas Transportation Agreement CAPEX / OPEX – Capital Expenditure / Operating Expenditure FCFE – Free Cash Flow to Equity

Gas Flow to Egypt – Initial Stage











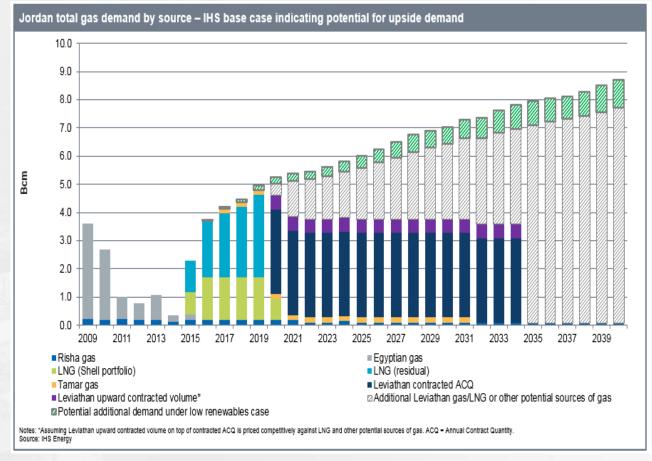


Jordan NEPCO – Ideal Export Offtaker



An anchor contract for Leviathan phase-1 development

- □ Electricity demand has been growing at an average rate of 6.0% per year (2005-2017)
- □ natural gas is the basis of 80-85% of energy production (2016-2017)
- □ Natural gas demand is estimated at 5.0 to 5.2
 BCM in 2020 and grows by an average rate of ~4.0% per year
- ☐ Jordan is a 'natural' market for Israeli gas
- Jordan is investing heavily in long term
 natural gas import infrastructure from Israel



^{*} Assuming NEPCO will consume the Total Contract Quantity, and based on the Partnership's estimation regarding the price of natural gas during the agreement period





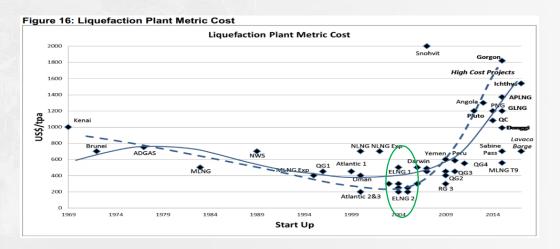




Two existing LNG liquefaction (export) terminals – ELNG and Damietta

- LNG liquefaction terminals for LNG export –
 Operating in very low-utilization rate due to lack of available feed gas
- Both terminals commenced LNG production in 2005, enjoying relatively low CAPEX costs
- Both terminals operate under a tolling fee arrangement, providing competitive tolling fee
- Total demand for LNG feed gas is ~20BCM

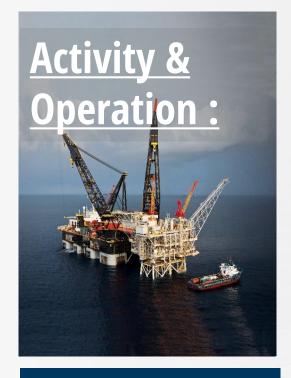
Terminal	Owners	Number of Trains	Nominal Plant Capacity	Feed Gas Volumes – Nominal Capacity
ELNG	Shell, Petronas, EGAS, EGPC, Total ¹	2	7.2 mmtpa	~10.8 BCM
Damietta	Eni, Gas Natural Fenosa, EGAS, EGPC,	1	5.0 mmtpa	~7.5 BCM
ELNG + Damietta			12.2 mmtpa	~18.3 BCM



Source: Wood Mackenzie, The Oxford Institute for Energy Studies 1: Train 1 only

Near Term Targets





Leviathan Jacket & Platform installation

Tamar –
Dolphinus
flow test &
sales

EMG transaction closing

Tamar 22% WI sale down Leviathan First Gas: Israel + Jordan + Egypt

Leviathan Phase 1B FID

Leviathan deep exploration FID

Leviathan refinancing (Potential Bond issuance)

Aphrodite marketing + FID

Years:

2019 - 2020

