

Energizing The Eastern Med

September 2018

Delek Drilling – Energizing The Eastern Med

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Delek Drilling – East Mediterranean E&P Operation



Transforming the Levant Basin into a Natural Gas Export Hub



Top Tel-Aviv- 35 index listed LP with a market cap of c. \$3.2 billion



World class E&P assets portfolio, from exploration through development and producing assets



Senior partner in all major gas discoveries off-shore Israel and Cyprus

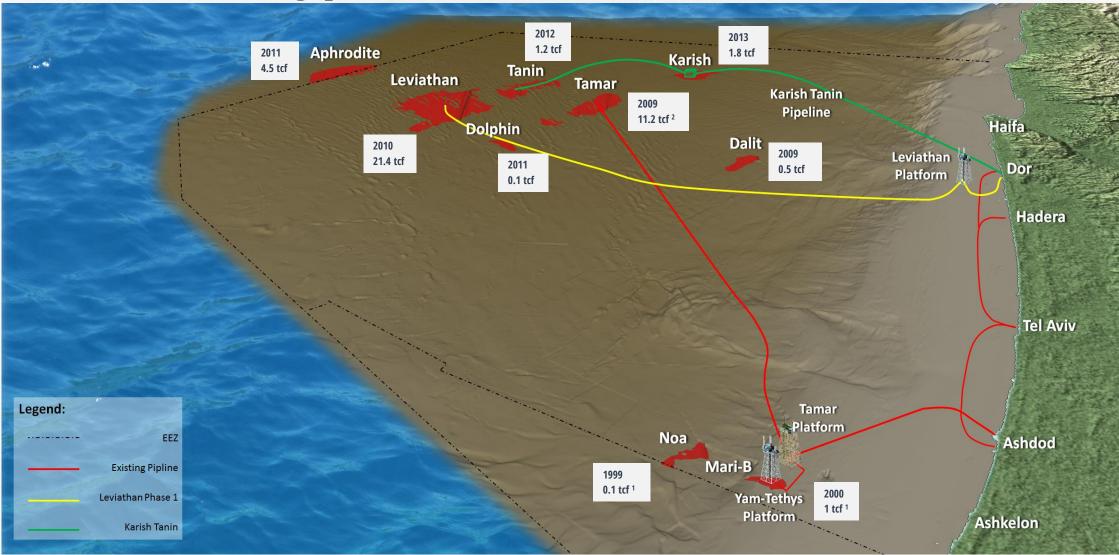


The East Mediterranean E&P arm of Delek Group, a leading International Energy conglomerate



Financial strength based on robust cash-flow and economic value of assets

Israeli and Cypriot EEZ – Over 42 TCF Discovered



Resources: 2P + 2C + Prospective (2U), based on NSAI reports.

¹ Estimated ultimate recoverable; Now almost depleted and classified as negligible petroleum asset, ² Estimated ultimate recoverable (as of 02/07/2017)



Tamar – World Class Deepwater Project

Ownership

Delek Drilling 22%, Isramco 28.7%, Dor Gas 4%, Everest 3.5%, Tamar Petroleum 16.75%, Noble Energy (operator) 25%

2P Reserves* 11.2 tcf (318 bcm); / 14.6 mmbbl condensate

First gas End of Q1 2013

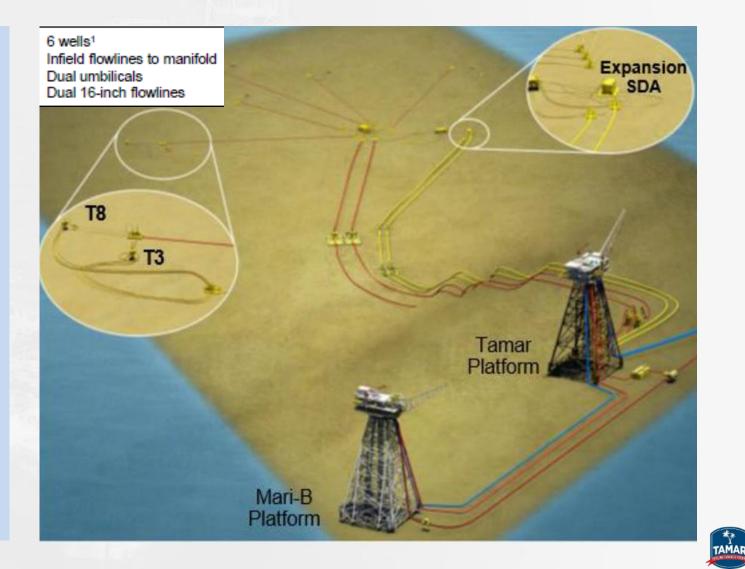
Development budget: \$3.1 Billion (100%)

Overall Tamar costs to date: \$4.5 Billion (100%)

Production capacity 1.1 bcf/d (250 mmcfd from each well)

Global Scale Development & Operation :

less than 4.5 years from discovery to first gas, strong operational track record and low running costs

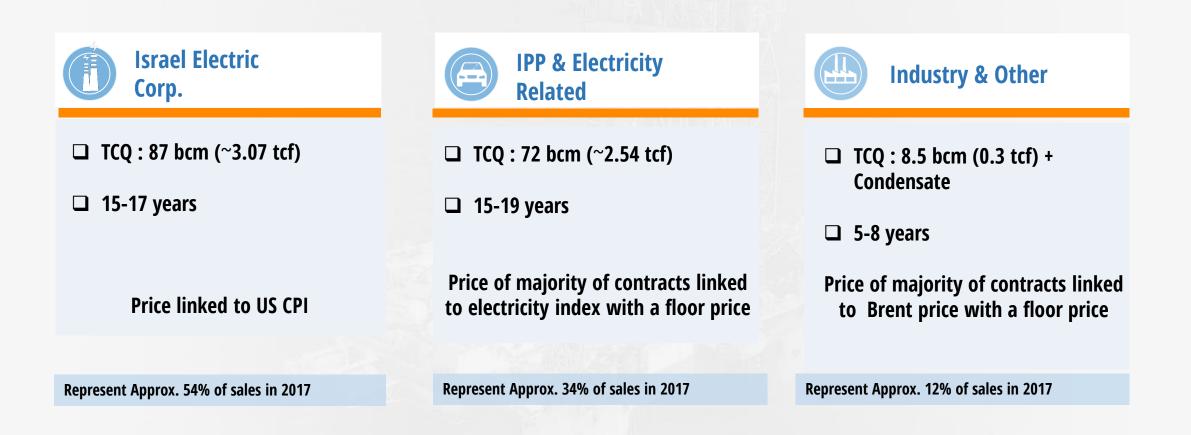


*Reserves estimate as published in DD 2017 annual financial report



Tamar – Contracts and Sales Breakdown

Tamar contractual structure – low exposure to commodity risk



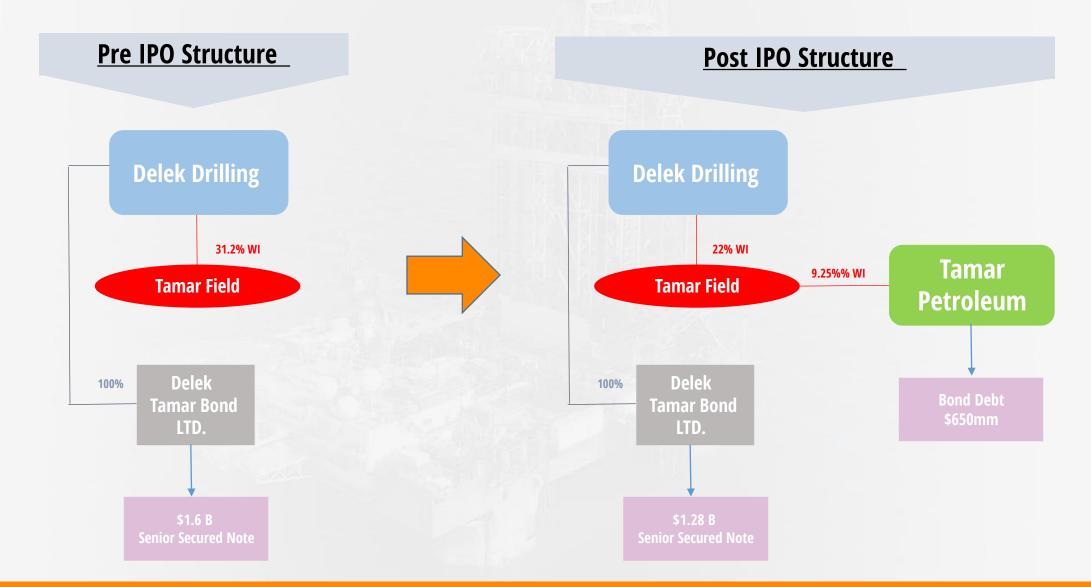
Tamar Divestment Process



- Delek Drilling examines various alternatives for the sell out of its working interest in Tamar decided to sell a 9.25% stake of its Working Interest in the project through the Capital Market
- The first step was accomplished in July 2017 via the IPO of "Tamar Petroleum" (A special purpose vehicle)
- Debt and equity issuances on the Tel Aviv Stock Exchange provided the necessary funds and set the asset sell price. The total consideration for the 9.25% WI purchased by Tamar Petroleum was \$980mm (IPO Proceeds) :
 - \$650mm raised in a debt bond
 - \$330mm raised in equity
- Delek aims to monetize its remaining share in Tamar (22%) through the capital market in one or several transactions, as well as potential bilateral transactions

Tamar Divestment – Recent Sell of 9.25% WI







Leviathan – A Regional Energy Game Changer

Ownership

Delek Drilling 45.3%, Ratio 15%, Noble Energy (operator) 39.7%

2P+2C Resources* 21.4 tcf (613 bcm), 38.3 mmbbl condensate

Estimated First Gas 4Q 2019

Production Capacity (to be built in 2 stages) Phase 1a - 1.2 bcf/d (~12 bcm/y) Phase 1b - 0.9 bcf/d (~9 bcm/y)

Estimated Capex Development (100%) \$3.75 Billion – 1.2 bcf/d \$1.5-2 Billion – Additional 0.9 bcf/d

Additional Prospective Resources (P50) 560 mmbbl oil (liquids), 4.5 tcf Gas





Leviathan – Modular Development



Phase 1A of Leviathan development sanctioned, future cost efficient expansion

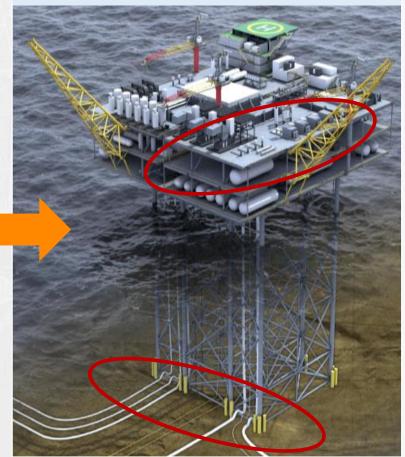
- Development plan for phase
 1A includes construction of an offshore fixed platform with a
 1.2 bcf/d (approx. 766 bcf/y)
 capacity, Capex of \$3.75B
- Delek capex share in phase
 1A- \$1.75B, fully funded to
 first gas
- Full development of phase 1 includes a cost effective additional module (phase 1B) with up to 2.1 bcf/d capacity

Capacity of 1.2 bcf/d (approx. 438 bcf/y)



Source: Leviathan operator (NBL)

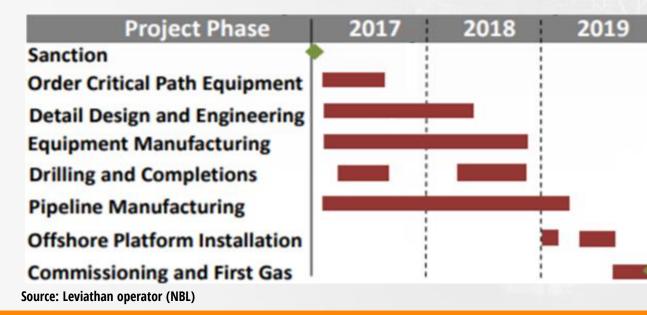
Capacity of 2.1 bcf/d (approx. 766 bcf/y)





Leviathan Development on Time on Budget

- □ Phase 1a development progressing ~60% completed
- □ Fabrication progress on the platform topsides, jacket, and the subsea equipment
- **a** 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







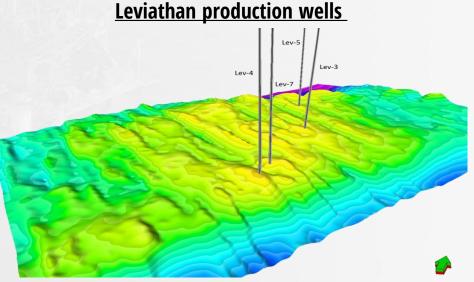


Leviathan Drilling Campaign

□ Leviathan Phase 1-A consist of 4 producing wells

- The drilling & Completion works was split into two
- □ <u>Drilling</u>
 - All 4 wells had been drilled to depth by the Atwood Advantage drilling rig
- □ <u>Completion</u>
 - Leviathan partners ended their contract with the Atwood Advantage, and signed with the Ensco DS-7
 - Completion work are taking place from mid 2018 to year end







Cyprus – Aphrodite Field



Ownership

Delek Drilling 15%, Avner 15%, Shell 35%, Noble Energy (operator) 15%

Discovered Contingent Resources (2C) * 3.5 tcf (100 bcm)

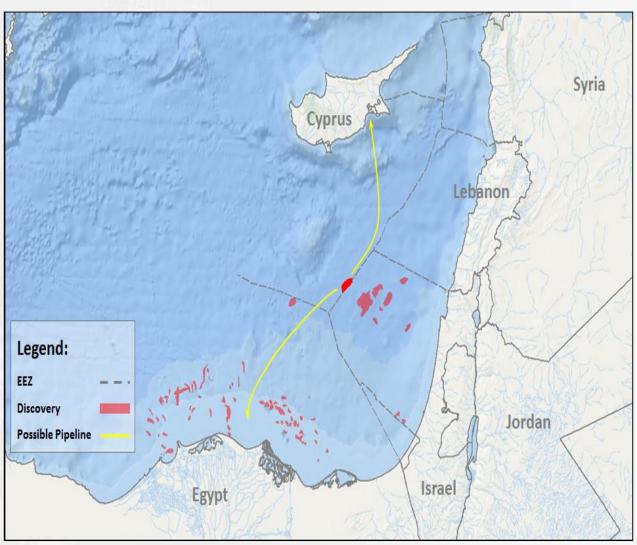
Additional Prospective Resources (P50) 1.0 tcf (29 bcm)

Location 168 km south of Limassol 1,700m water depth

Target markets Cyprus - Domestic Egypt - Domestic + LNG facilities

Estimated production capacity 600-800 mmcfd

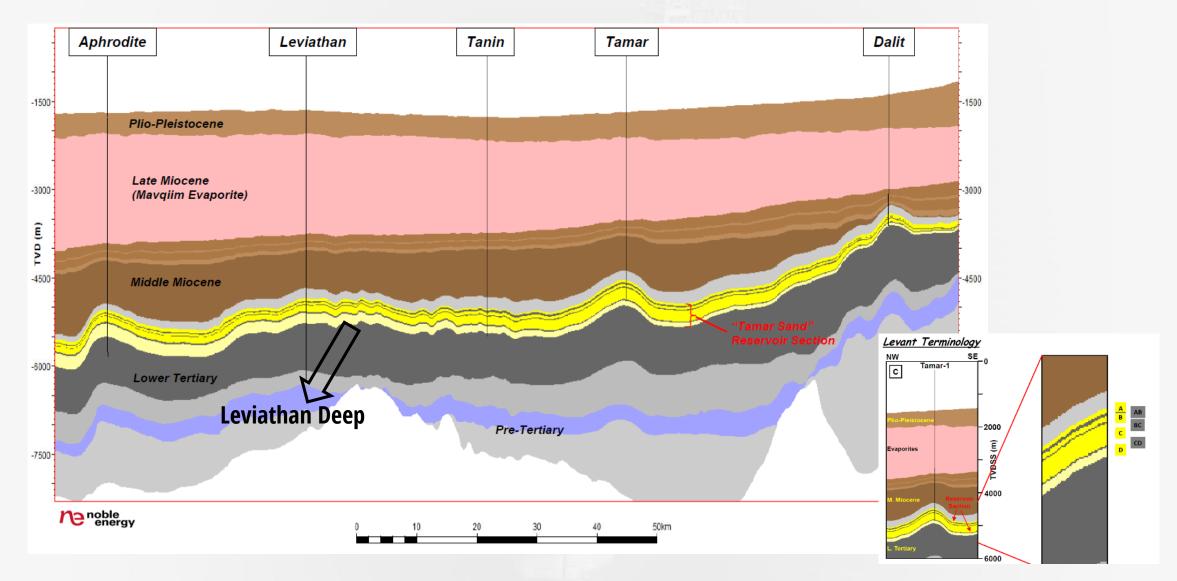
Status Development plan submitted to Cypriot Government



* reserves estimate -2015 Annual report



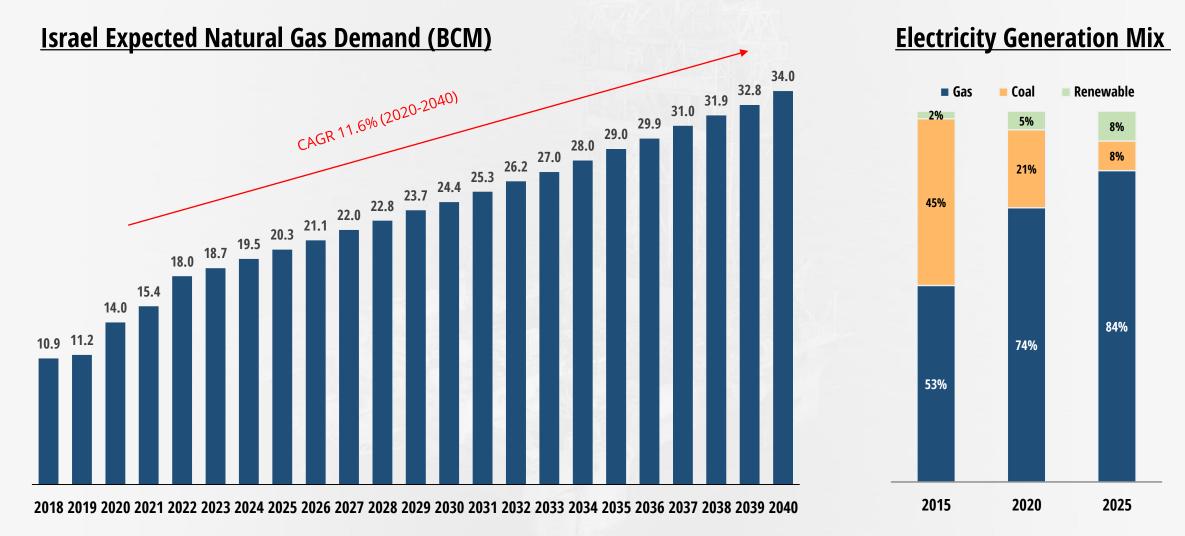
The Levant Basin Geology



Growing Regional Markets Demand



Israel Long Term Demand Growth



Source : BDO consulting Group estimate



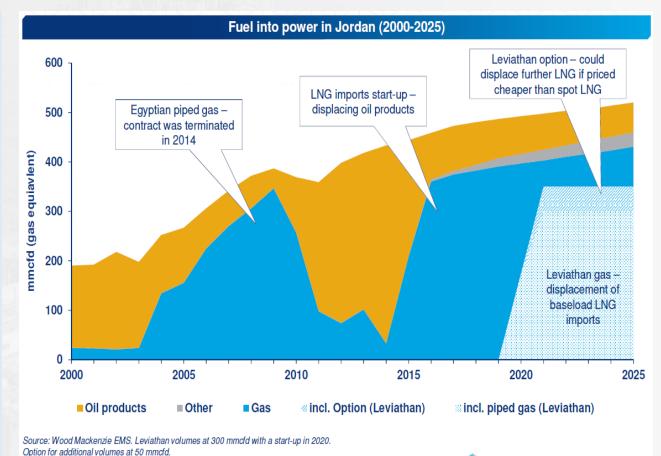
Jordan NEPCO – Ideal Export Offtaker



An anchor contract for Leviathan phase-1 development

NEPCO GSPA main parameters:

- Buyer : National Electric Power Company of Jordan (NEPCO)
- Seller : NBL Jordan Marketing Limited (SPV owned prorata by Leviathan partners, according to their working interests)
- **D** Total Contract Quantity : 45 bcm
- Duration : up to 15 years from the commencement of commercial supply from Leviathan
- □ Price : Brent linked price with a 'floor price'
- □ Total estimated revenues may sum to approx. \$10B*

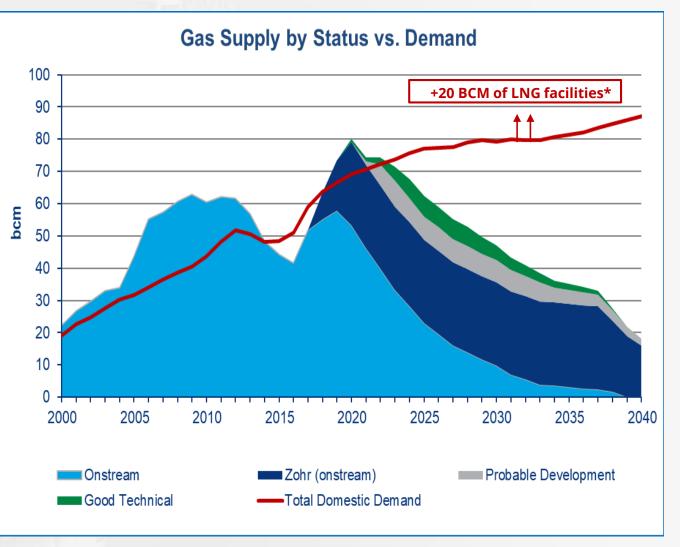


* Assuming NEPCO will consume the Total Contract Quantity, and based on the Partnership's estimation regarding the price of natural gas during the agreement period

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Egypt – Long Term Supply Demand Imbalance

- Significant consumption of over 60 bcm/y, and increasing by Approx. 8% year on year
- Additional gas is required for two existing LNG facilities, consuming approx. 17 to 20 bcm/y
- Zohr contributes the most to the near-term production ramp-up, Some existing discoveries remain to be sanctioned, yet mature gas field production is declining sharply (~10% a year)
- <u>Government of Egypt intention is to become</u> <u>a regional hub for gas export internationally</u>



*The demand shown does not include the Egyptian LNG facilities at Damietta and Idku Source: Wood Mackenzie





GSPA's For the Sale of Gas to Egypt

<u>Leviathan :</u>

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

Tamar :

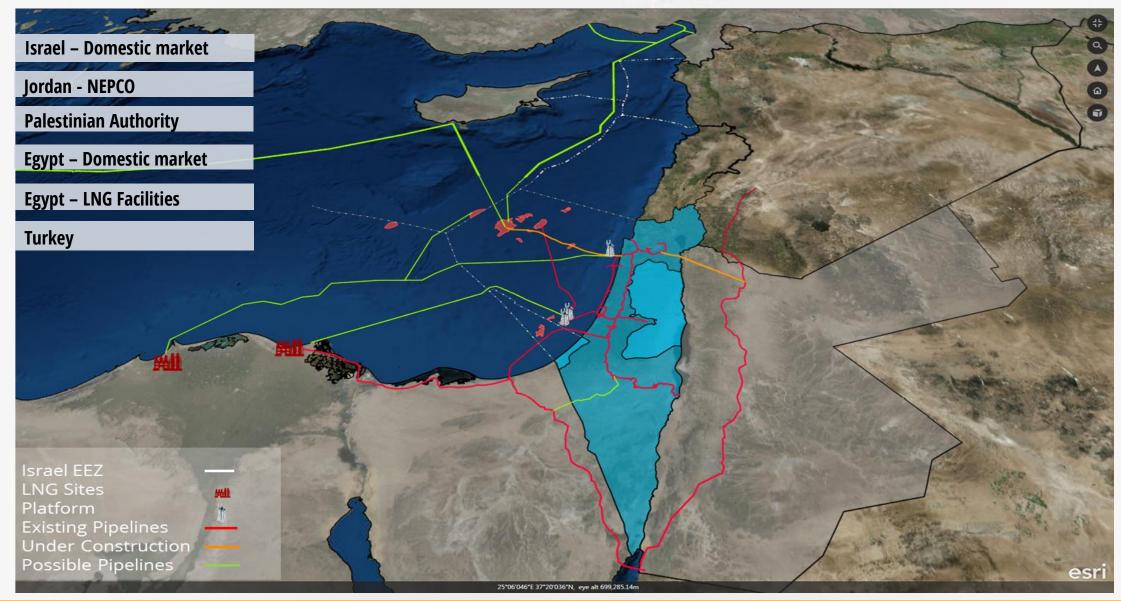
- Annual supply begin on an Interruptible base with Delek and Noble option to convert part or all of the quantity to a firm basis of up to 3.5 BCM/y (with TOP level agreed upon option realization)
- **D** Total contract quantities : 32 BCM
- **Estimated revenue income: \$7.5 Billion**

Contract price based on a Brent linked formula

The contracts guarantee full capacity production form Tamar and Leviathan phase 1a for years to come



Fast Developing Region



Project & Corporate Financing

□ \$960 mm <u>Tamar</u> bond- 3 series of \$320 mm bullet payment in years : 2020, 2023, 2025

- Sell down of remining WI in Tamar, all proceeds will be used to redeem the bonds
- Up to \$1.75 B Leviathan project finance facility Cover most of LP's capex requirement for phase 1a
 - Examining a bond take out of the loan after Leviathan first gas
- \$400 mm corporate Bond series A- non-recourse unsecured corporate level financing raised in the Israeli market
 - Bullet payment on December 2021
 - A1 Local (Ba1 International) rating by Midroog-Moody's



* As of 30.06.2018

Strong Financial Position*

✓ <u>High cash reserves</u> – over \$550mm liquidity in hand

✓ Long-term, limited recourse type debt - ~\$1.5B net Debt

Attractive dividend policy - 20% dividend yield in 2017

✓ <u>Strong balance sheet</u> – 1.25X current ratio

Well-established and stable cash flow - \$330mm cash flow from operations (FY 2017)

✓ <u>Substantial economic value of assets</u> – see next slide







Delek's Value Proposition

Tamar & Leviathan Discounted Cash Flow Value :

	Та	mar						
	Future Net Revenue After Levy and Corporate Income Taxes (MM\$)							
Category	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%			
Proved (1P)	4,377.0	2,821.4	2,017.8	1,561.1	1,278.3			
Probable	2,103.2	615.6	198.3	71.3	29.5			
Proved + Probable (2P)	6,480.2	3,437.1	2,216.1	1,632.3	1,307.8			
Possible	1,583.1	337.1	79.1	20.4	5.9			
Proved + Probable + Possible (3P)	8,063.3	3,774.2	2,295.2	1,652.8	1,313.8			

Leviathan Phase 1a (12.6 Tcf 2p out of 21.4 Tcf 2p+2c)									
	Future Net Revenue After Levy and Corporate Income Taxes (MM\$)								
Category	Discounted at 0%	Discounted at 5%	Discounted at 10%	Discounted at 15%	Discounted at 20%				
Proved Undeveloped	11,800.8	4,158.9	1,848.8	875.6	363.6				
Probable	3,556.5	1,814.7	1,188.3	880.8	694.8				
Proved + Probable (2P)	15,357.3	5,973.7	3,037.1	1,756.4	1,058.4				
Possible	1,212.1	562.5	316.8	204.0	144.8				
Proved + Probable + Possible (3P)	16,569.3	6,536.1	3,353.9	1,960.4	1,203.3				

PV10 = \$5.2B

Source: Netherland Swell & Associates reserve report published in Delek Drilling financial reports for 2017

Summary



- □ High quality Oil & Gas assets
- □ Strong financial position derived from Tamar robust cash-flow
- □ Leviathan development on time and on budget, funded through to first gas
- First step towards Tamar divestment successfully accomplished by Tamar Petroleum IPO
- Upside potential from projects expansion to regional sales as well as exploration prospects

Thank You

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