

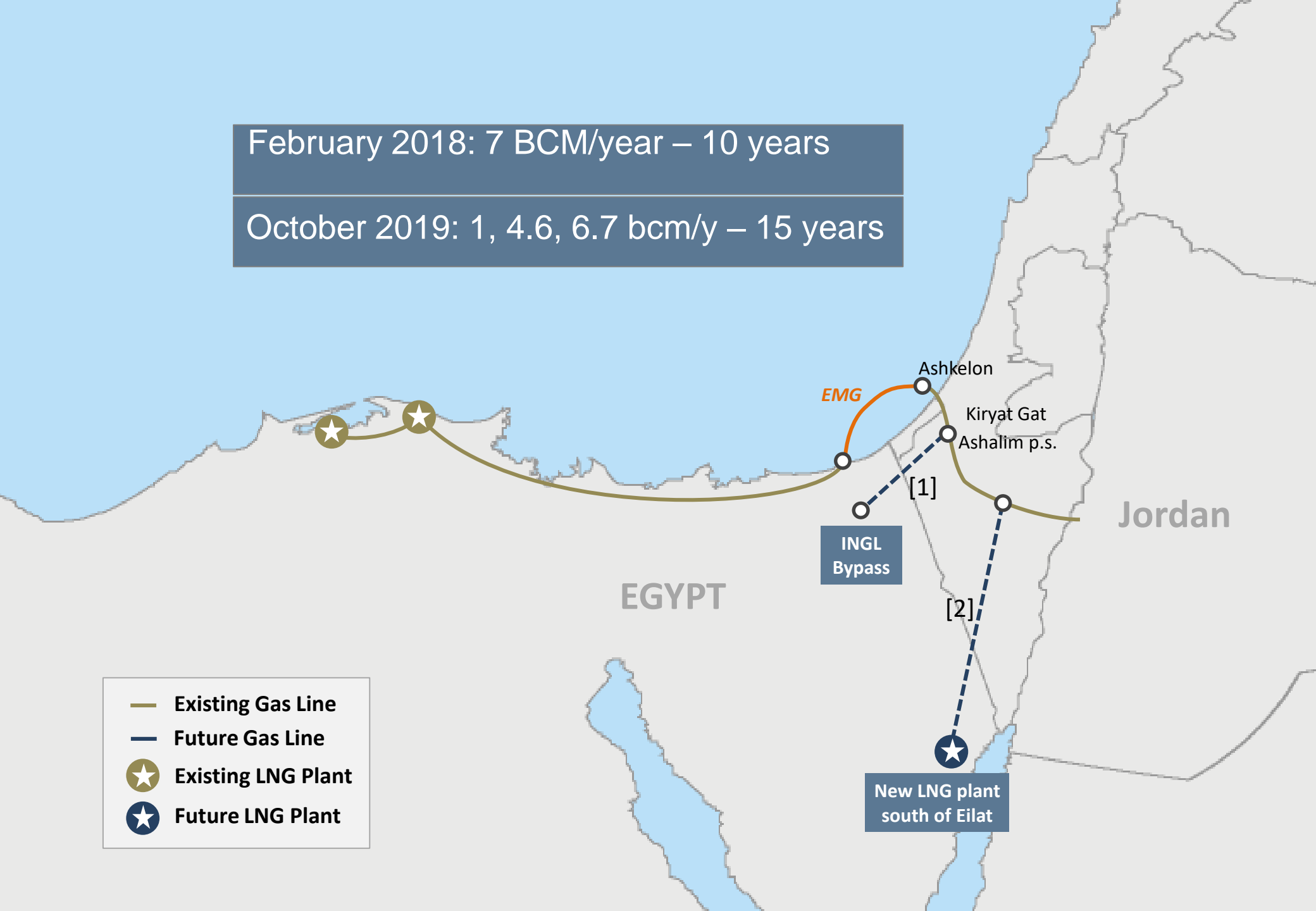
Israel & Egypt's gas export deal: EMG

Gina Cohen



February 2018: 7 BCM/year – 10 years

October 2019: 1, 4.6, 6.7 bcm/y – 15 years

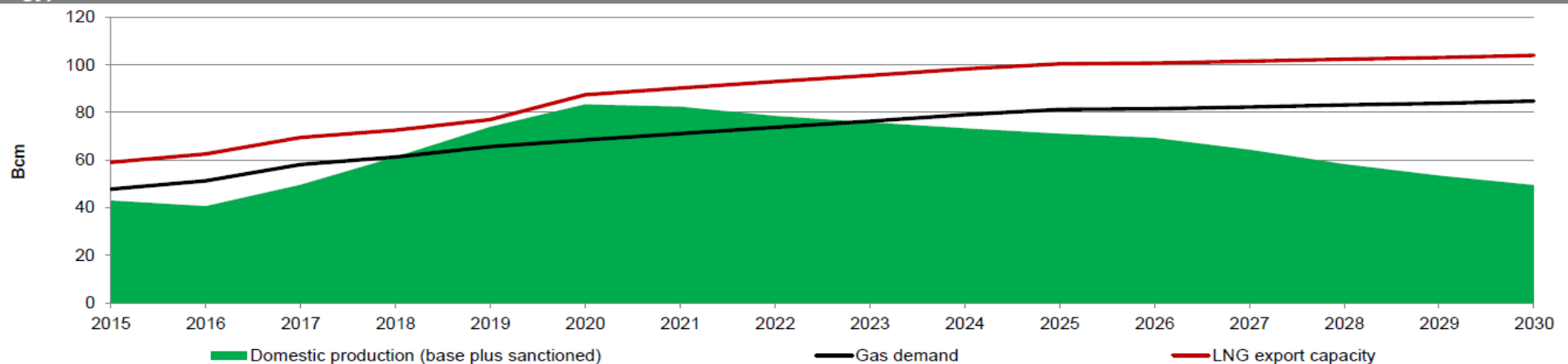




Is Egypt a Reliable Player?

- Increase gas production 2018 & 2019 (Zohr)
- Licenses, but limited sanctioned production to offset decline
- Demand growth: power sector, more consumers, economic recovery, population, grid losses, lower gas prices
- But: Oil to gas conversion done, higher efficiency, diversified power mix, removal of energy subsidies

Egypt: Gas balance



Notes: Data is historical up to December, 2018.
Source: IHS Markit, JODI

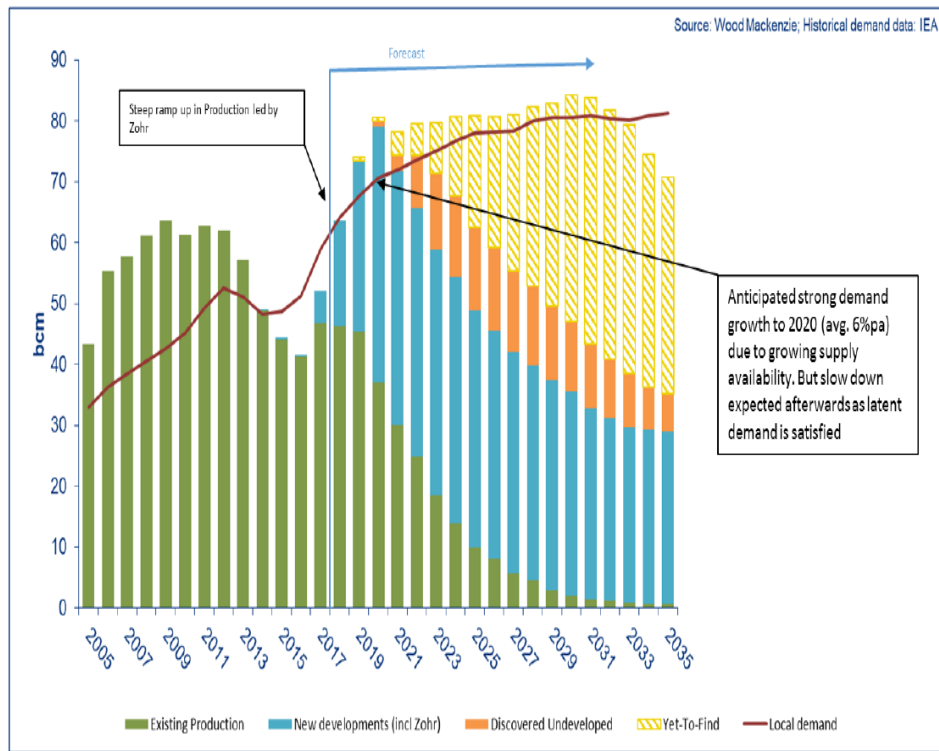
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Questions re Egypt's reliability

WM provided to EGAS (June 2019)

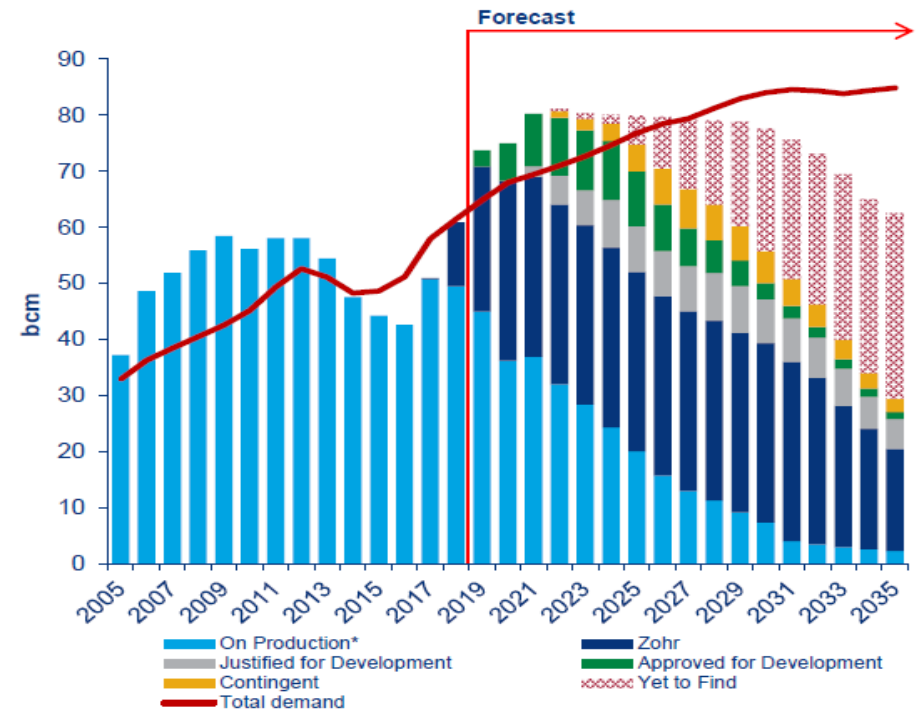
Domestic Supply vs Gas demand



Source: Wood Mackenzie, Commodity Market Report, "Egypt energy markets long term outlook April 2018"

WM to Tamar/Leviathan (July 2019)

Domestic gas production vs demand



Source: Wood Mackenzie

*On Production is in line with our view of producing fields in Egypt. It has been adjusted downwards in certain cases over the short-medium term, to ensure a realistic balance of the market. Zohr is shown separately. This chart only includes gas production from Egyptian fields. It doesn't include imports.