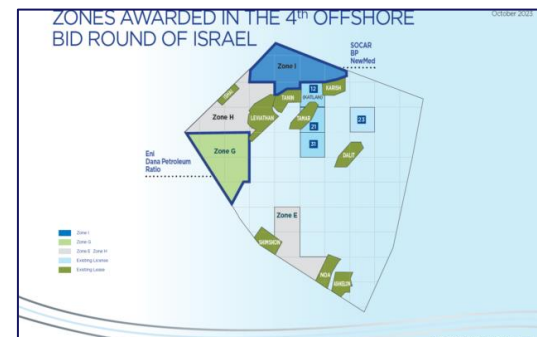


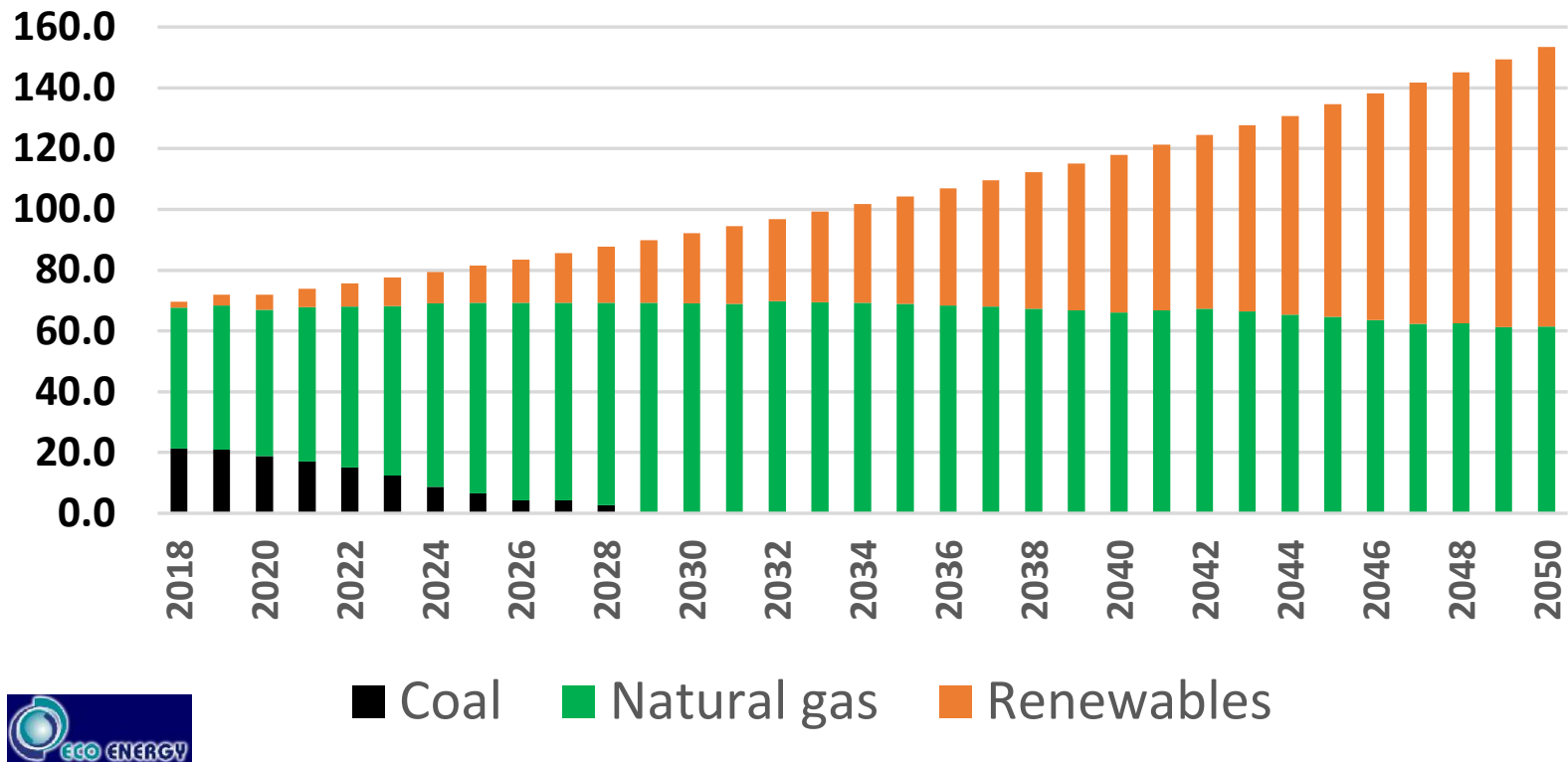
Israel at War: the Quest for Energy Security

Dr. Amit Mor

**IENE's 15th South East Europe Energy Dialogue
Thessaloniki, June 19-20, 2024**

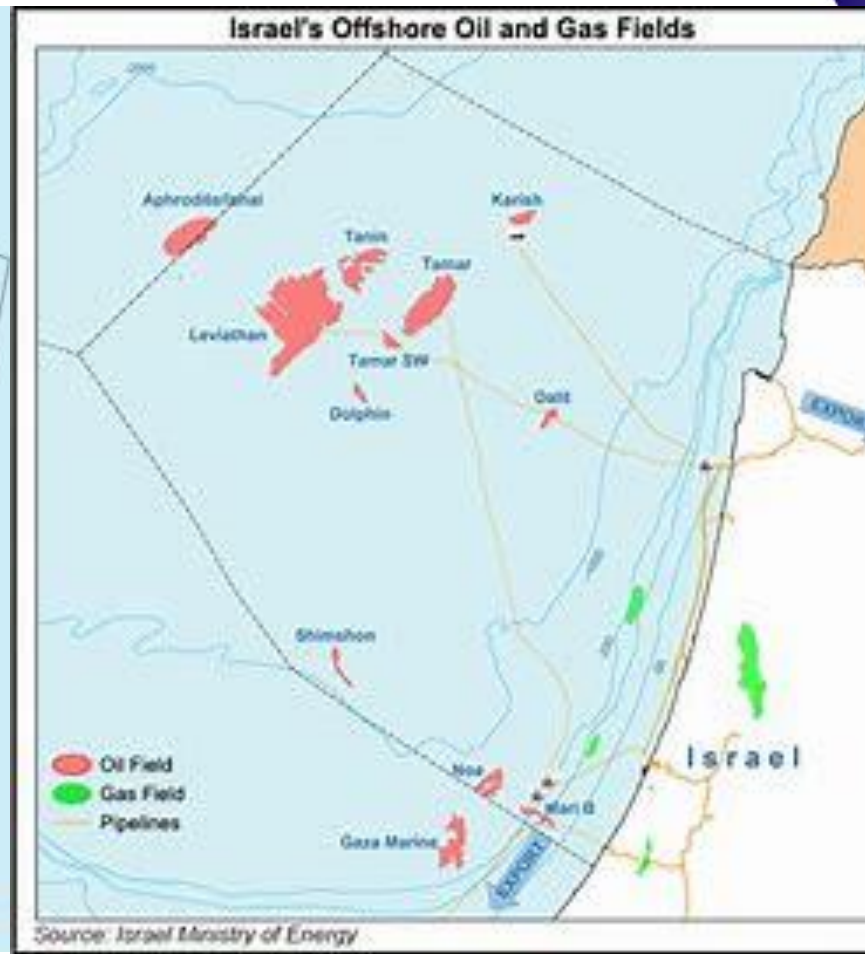
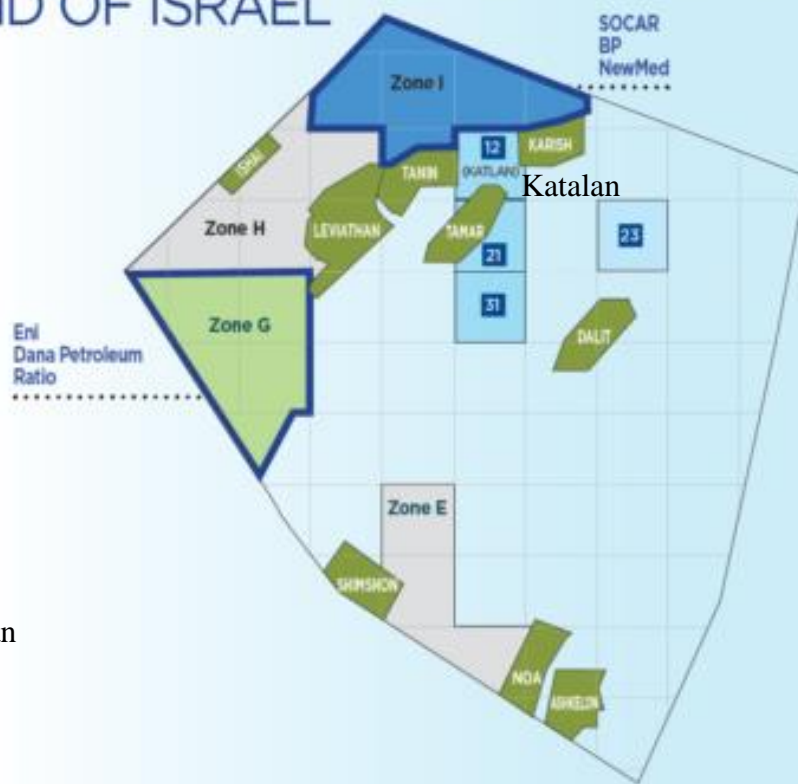


Electricity Demand Forecast 2022-2050 By Fuel, TeraWatt Hour



Source: Eco Energy, March 2021

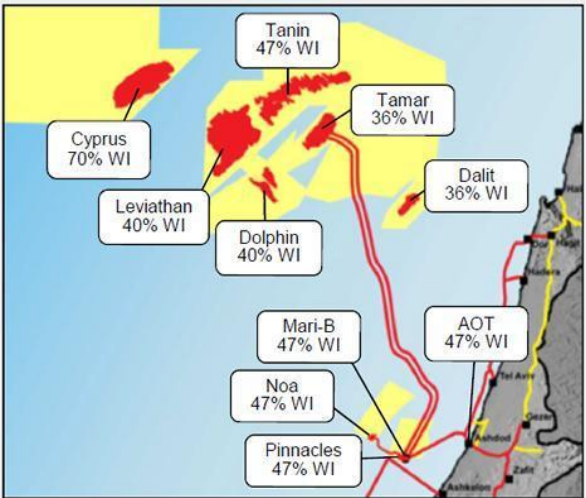
ZONES AWARDED IN THE 4th OFFSHORE BID ROUND OF ISRAEL



The Tamar Project



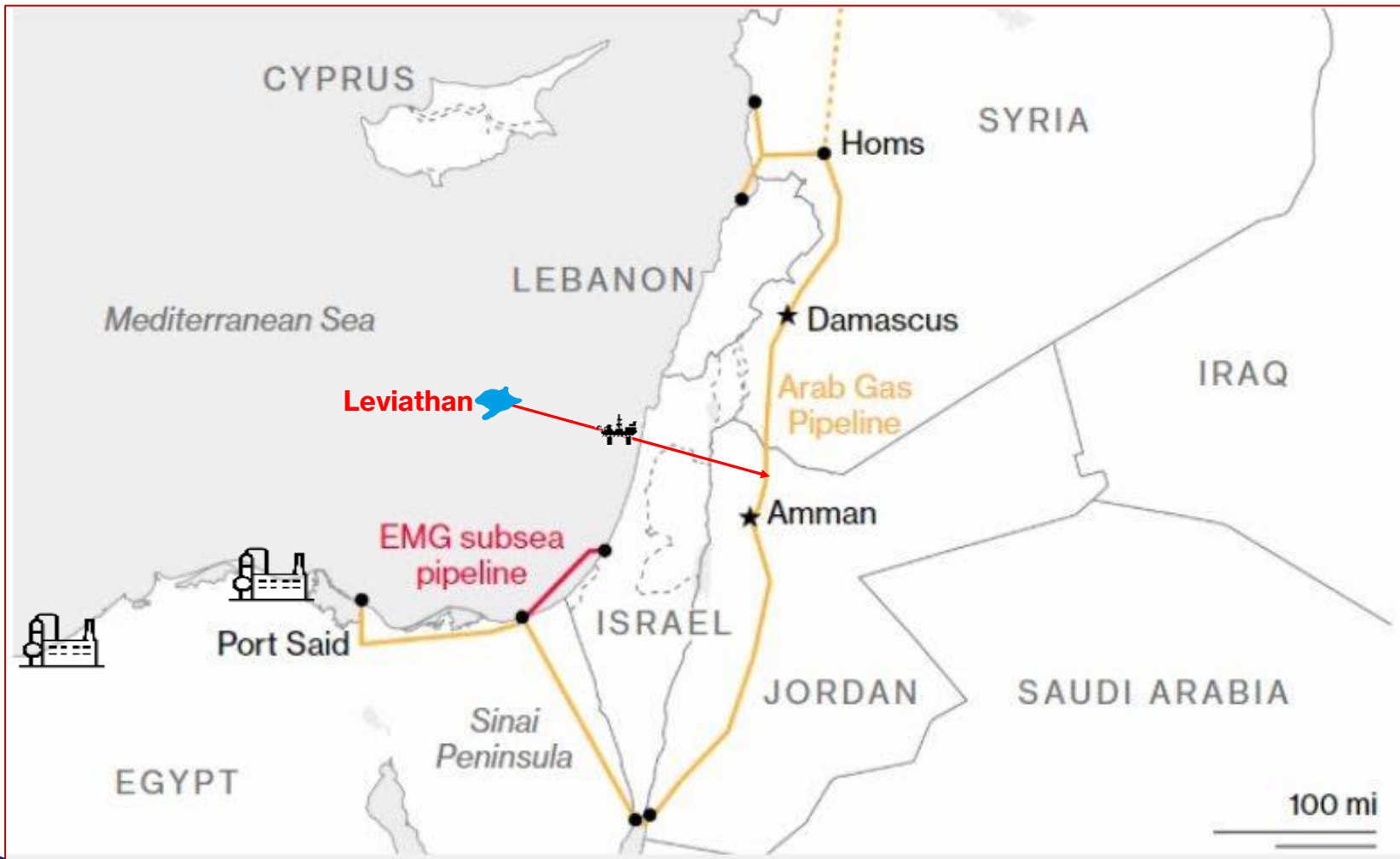
Strategic & Security Risks



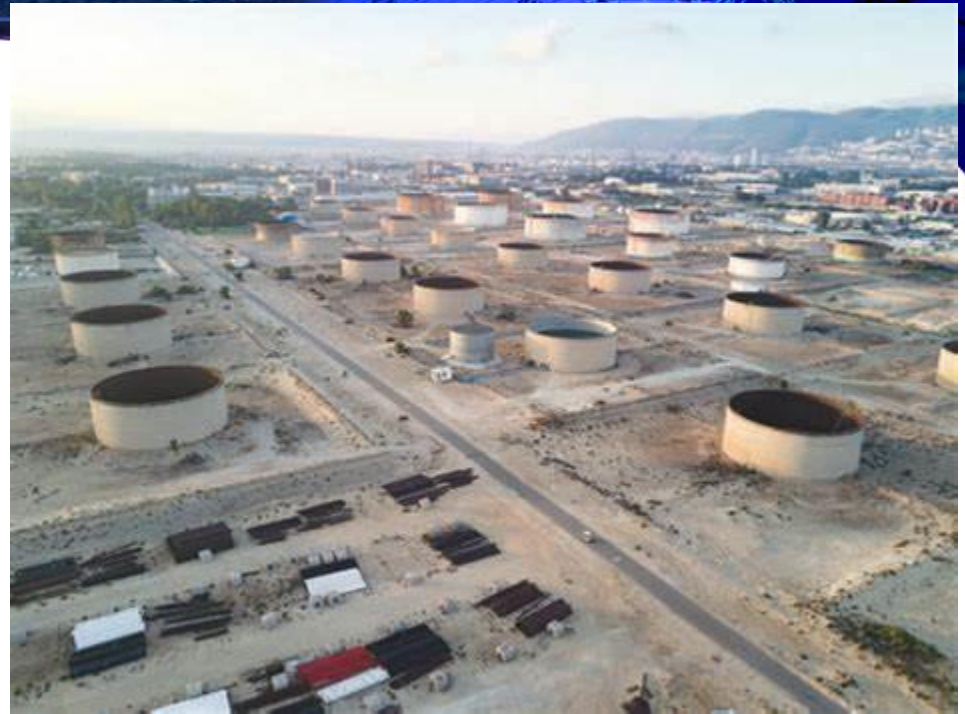
- Drill 5 wells to ~ 5000 m
- Install subsea development @ 1700 m
- Install 150 km of dual 16" pipelines
- Build and transport Tamar platform
- Install Tamar platform near Mari-B



Export of Israeli gas to Jordan & Egypt



Strategic Petroleum Reserves are a must. Critical also to Jordan and Egypt



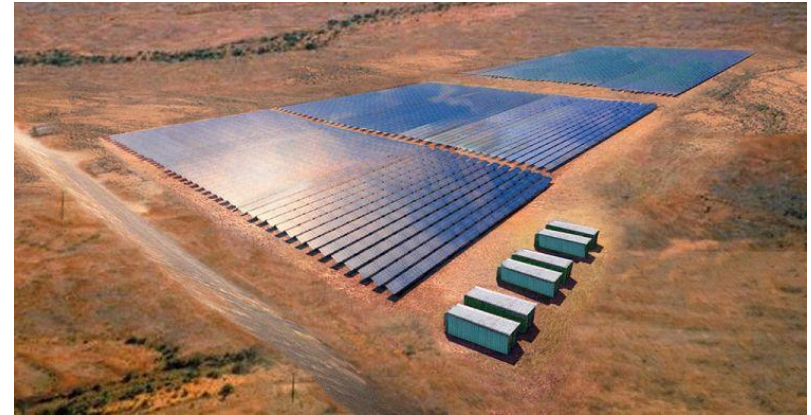
- EAPC
- Energy Infrastructure



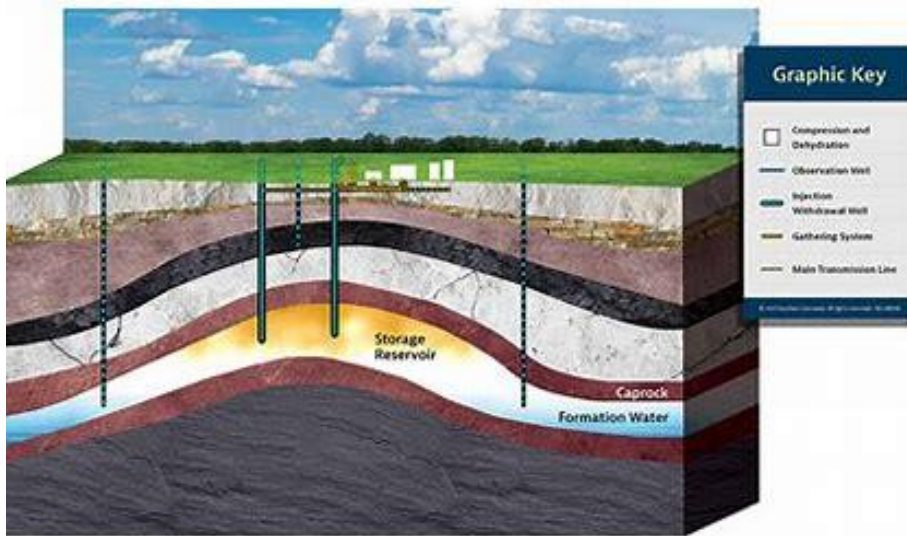
Coal plants' backup



Electricity Storage – Mega Lithium Ion Batteries



Onshore strategic reserves of natural gas storage is a must





Fasten the deployment of Renewable Energy





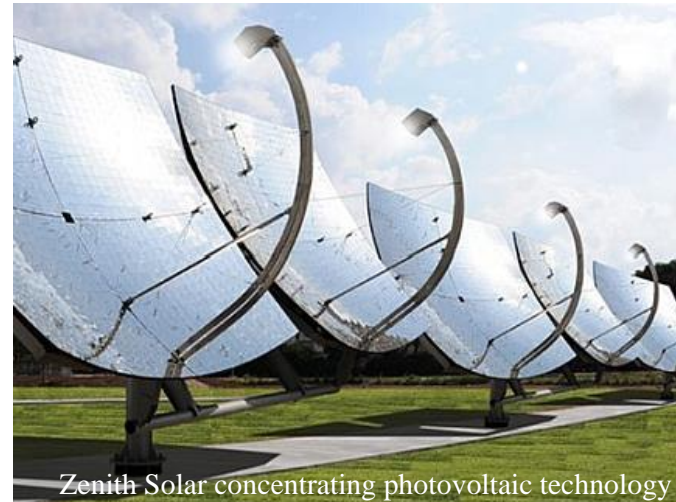
 —  Cyprus - Israel
320km

 —  Cyprus - Crete
870km

 —  Crete - Athens
310km

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Natural gas, energy storage & renewable energy to enhance energy and environmental security



Thank You