

# Oil and gas in the global energy mix

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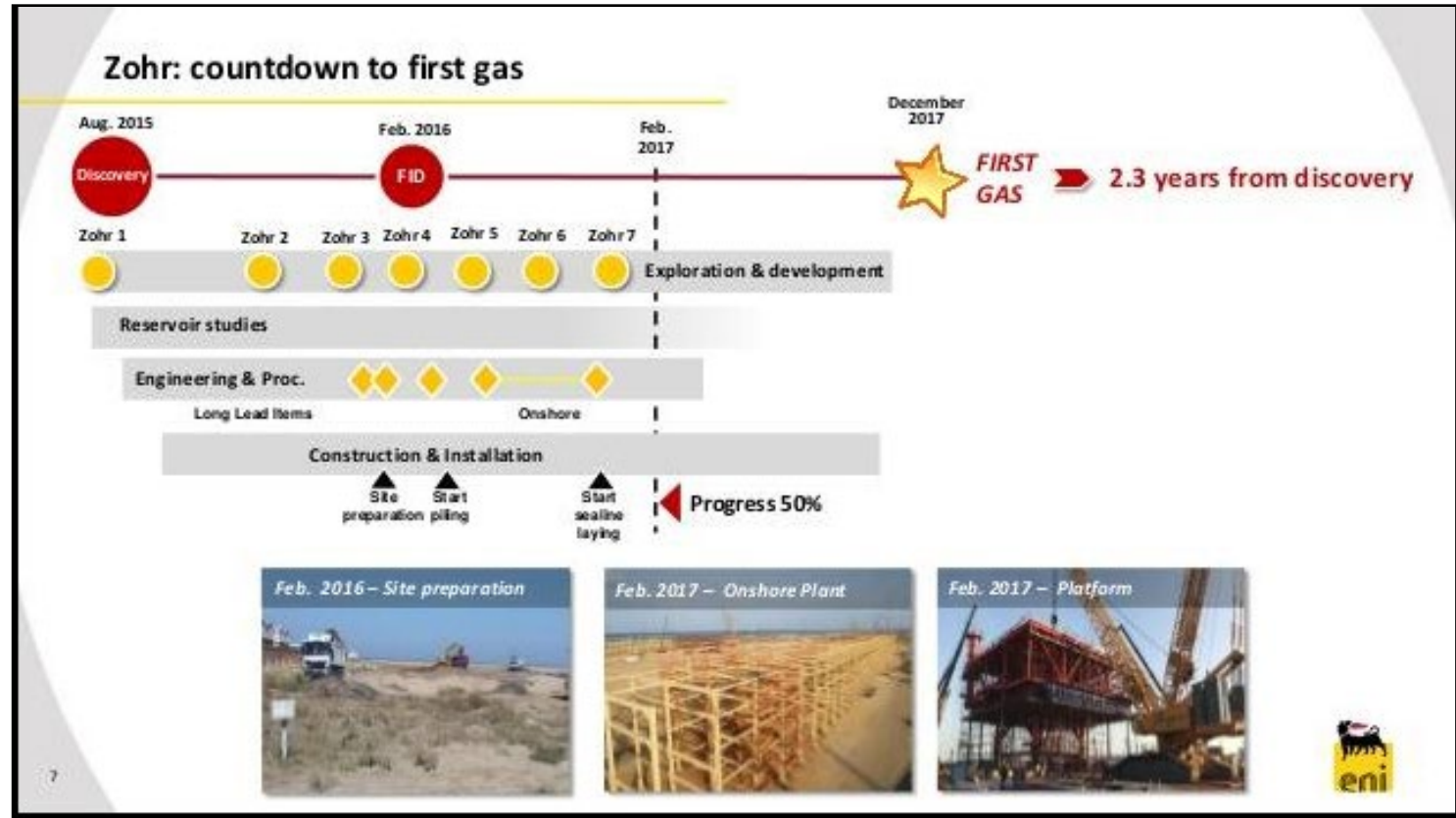
Module 2a

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# Outstanding field development

Zohr Field (35 Tcf) - Egypt

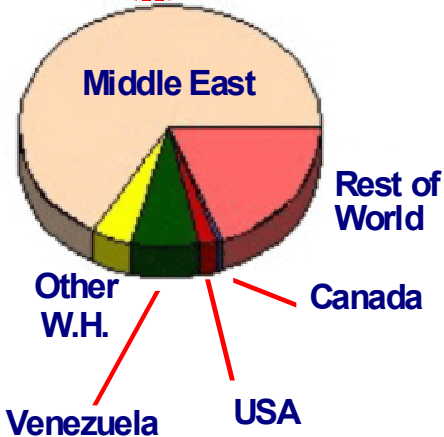
- Field discovered in 2015
- Field developed and on production in 2017



# Distribution of remaining oil reserves

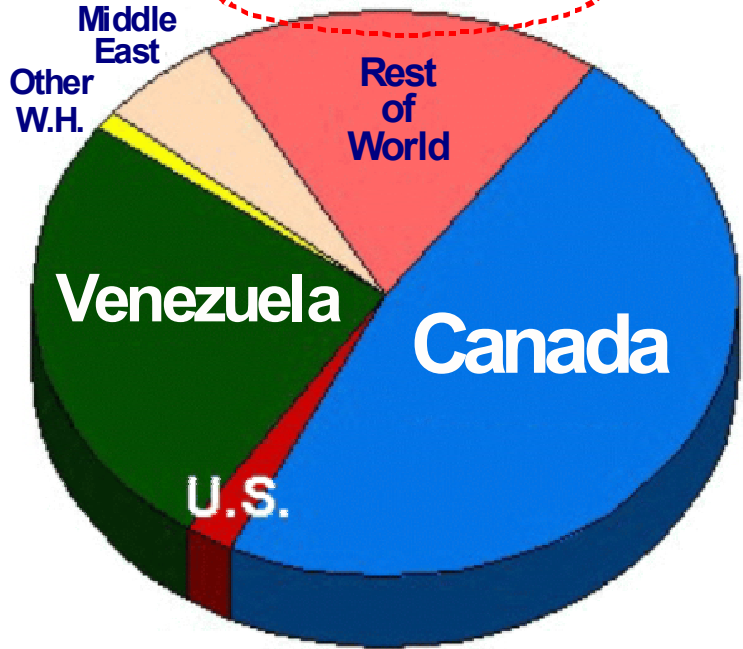
## Conventional Oil reserves

1.2 trillion barrels

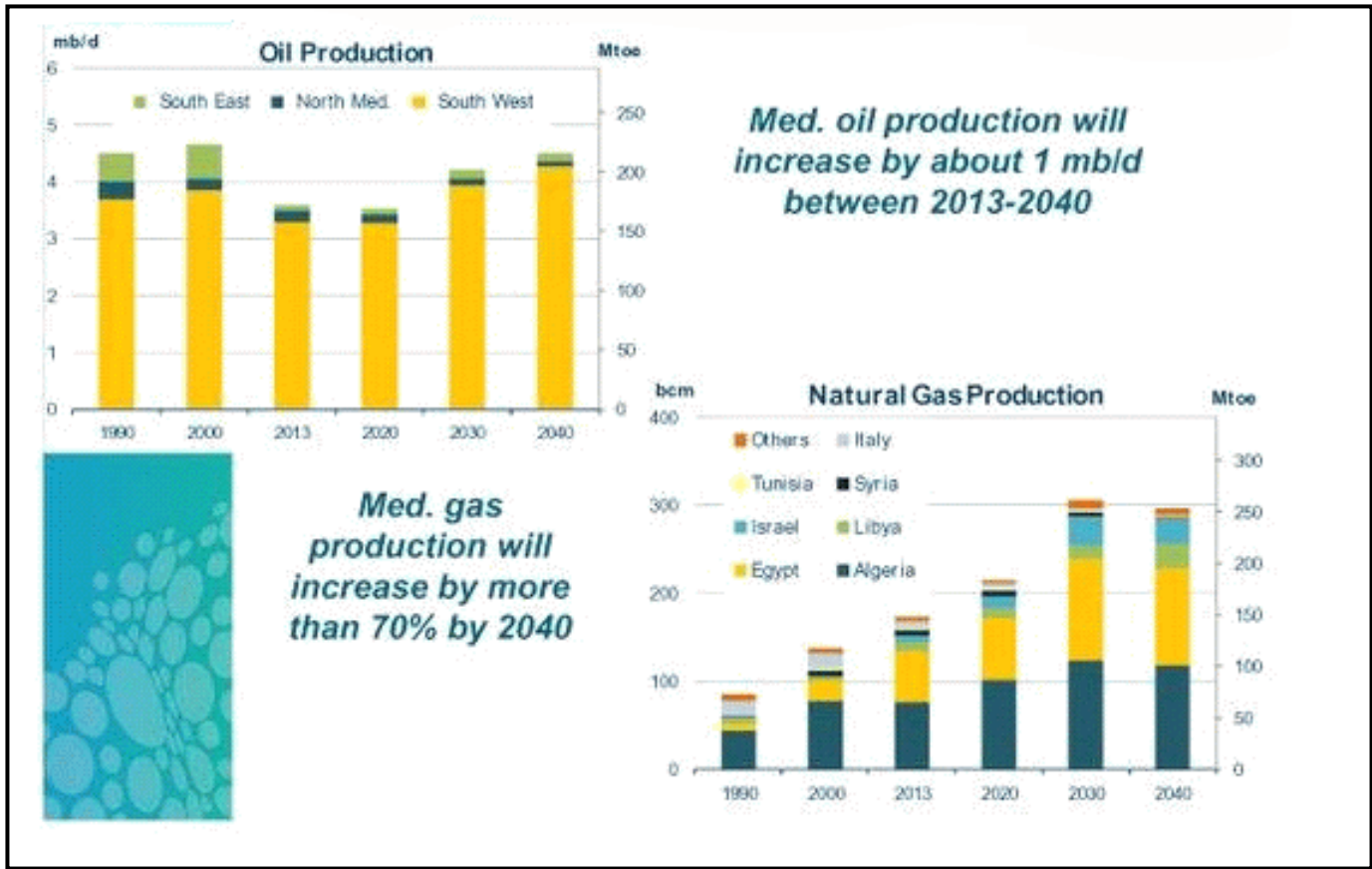


## Heavy Oil Resources

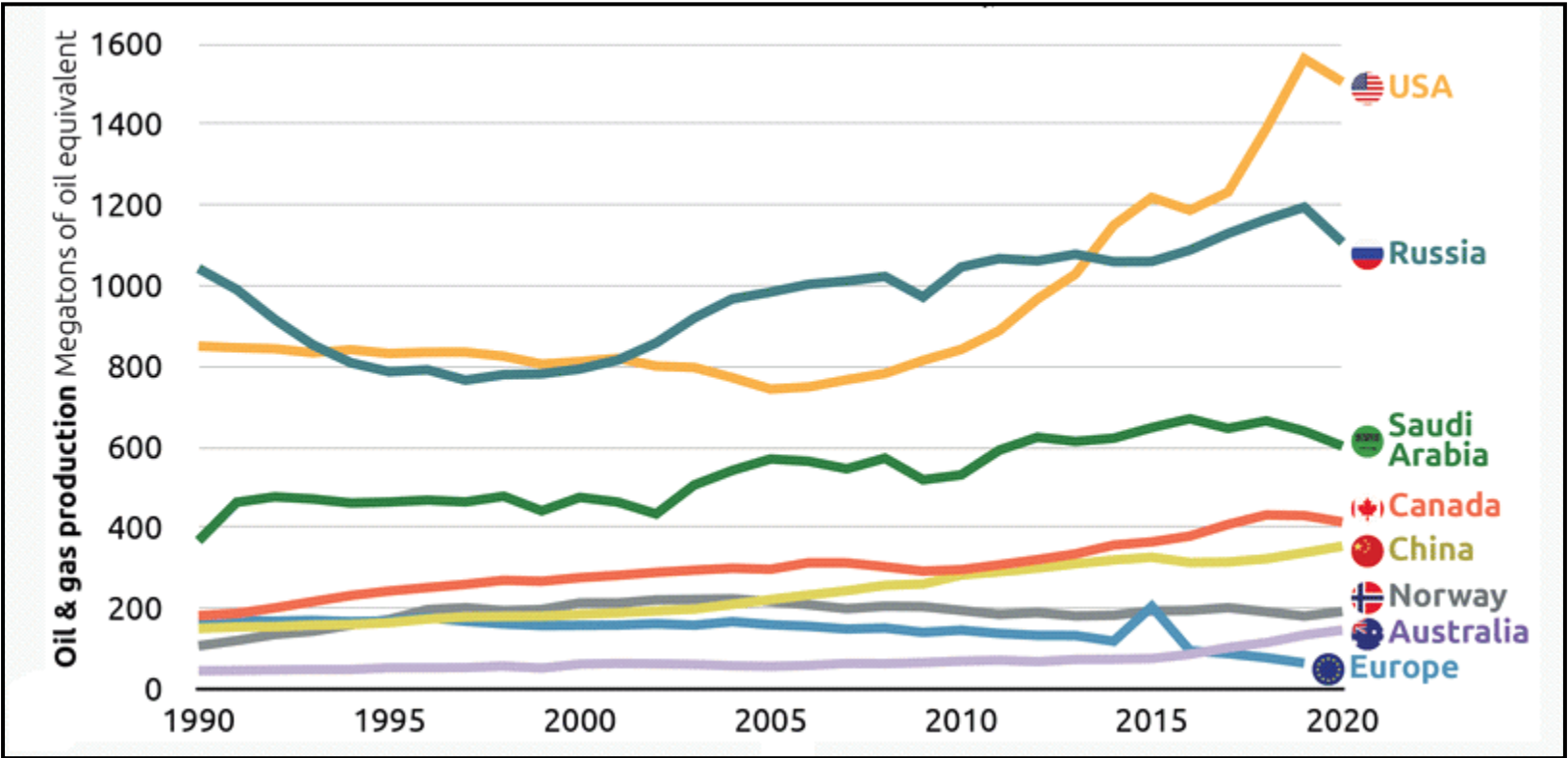
5.6 trillion barrels



# Mediterranean oil & gas production outlook



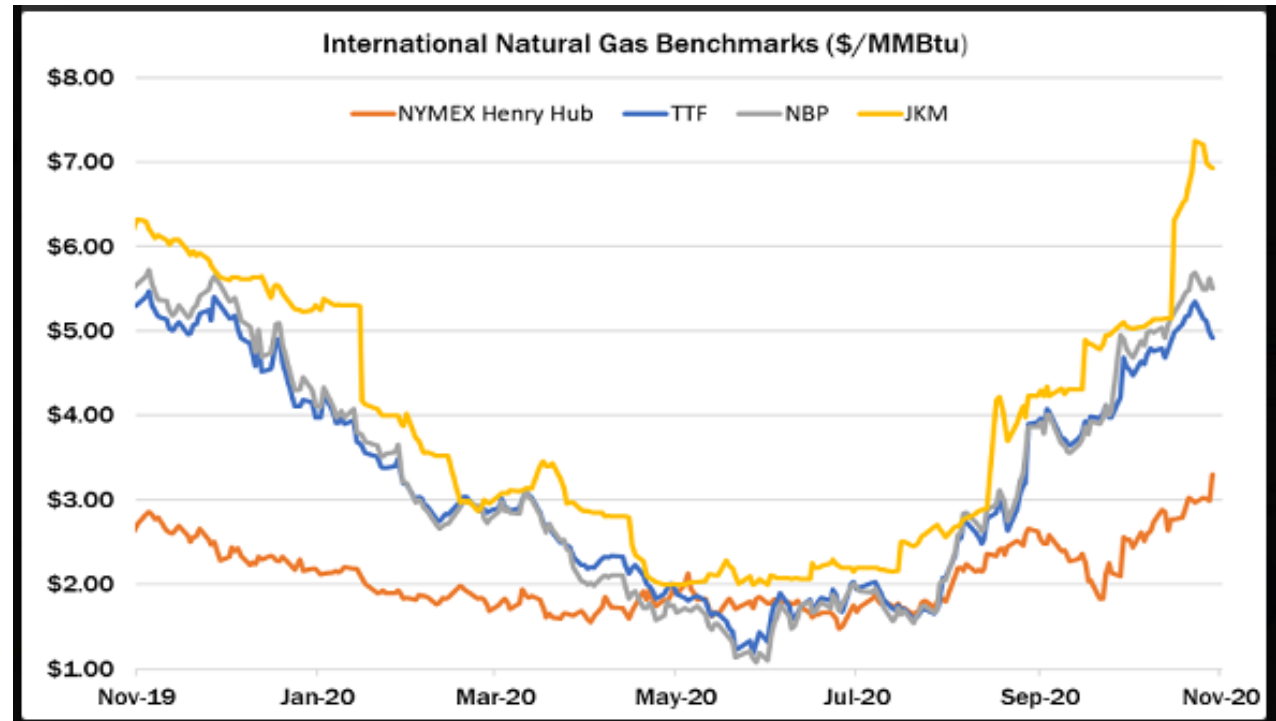
# Historical oil and fossil gas production



# Price of natural gas

(\$/MMBtu)

JKM: Japan Korea Mark  
NBP: UK  
TTF: Netherlands



# Is fossil fuel the only option?

**WIND POWER**  
Wind energy is generated by harnessing the power of wind to turn turbines and wind mills to generate electricity

**GEOTHERMAL ENERGY**  
Taps into the earth natural energy for electricity generation

**BIOFUEL**  
Derived from organic mass that makes up plants and animal manure to create electricity, transportation fuels and chemicals

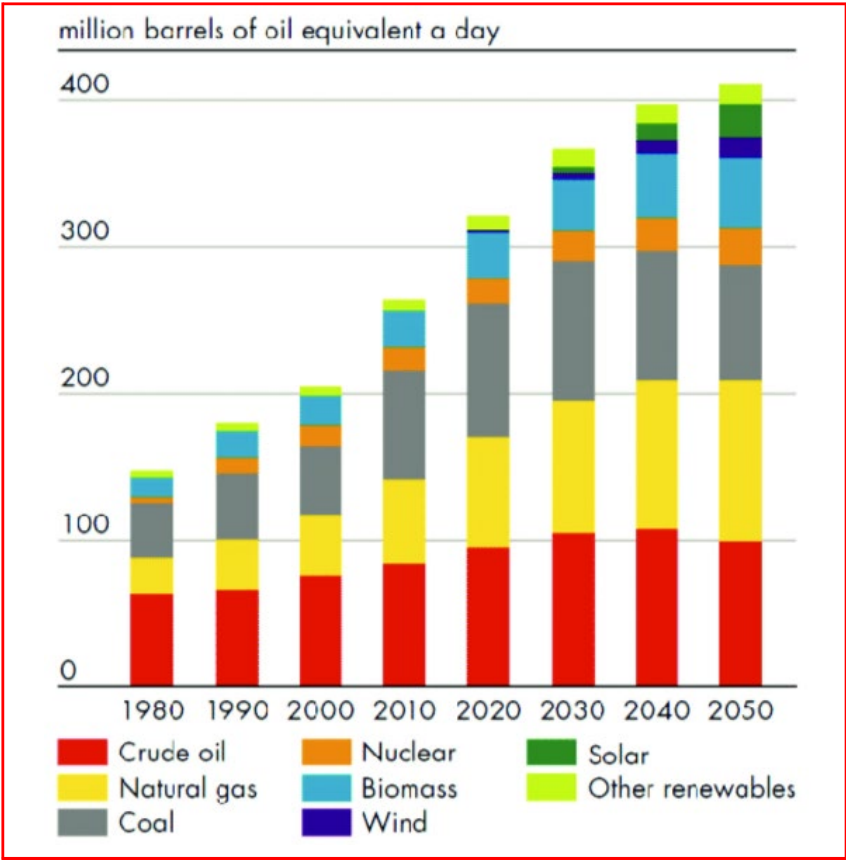
**SOLAR ENERGY**  
The sun hits the earth with 10,000 times more solar energy than is needed to energize the entire planet

**HYDROPOWER**  
Harvested by turning the potential energy in the pressurized, dammed sea water to kinetic energy (electricity)

**5 Major Types of Renewable Energy Sources**

# Global energy demand, by energy type

Source: Suman Bajracharya





# Thank you



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UNEP-Norway Partnership

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