ECO ENERGY
Financial & Strategic Consulting

# מגמות ואתגרים בפיתוח משק האנרגיה

מוצג ע"י ד"ר עמית מור

ועידת אנרגיה ועסקים ה- 16
כפר המכביה, 19-20 נובמבר 2018

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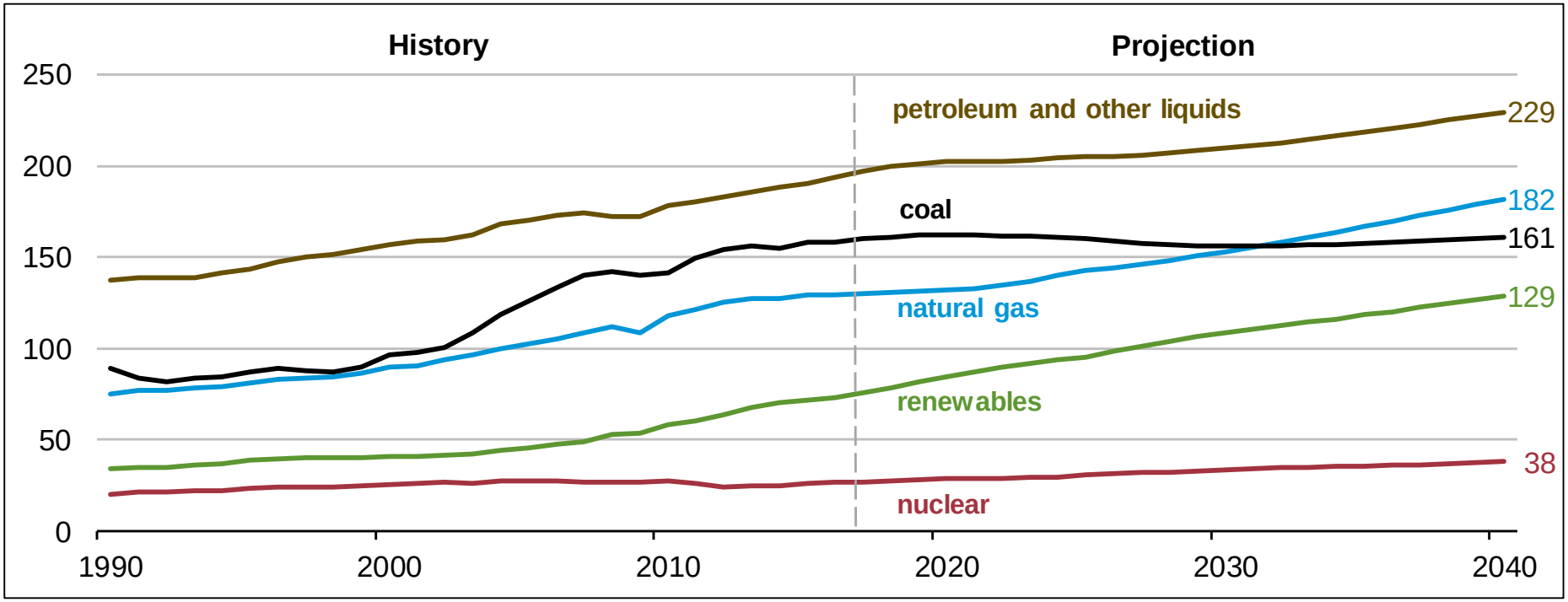
# world energy consumption by energy source

quadrillion Btu

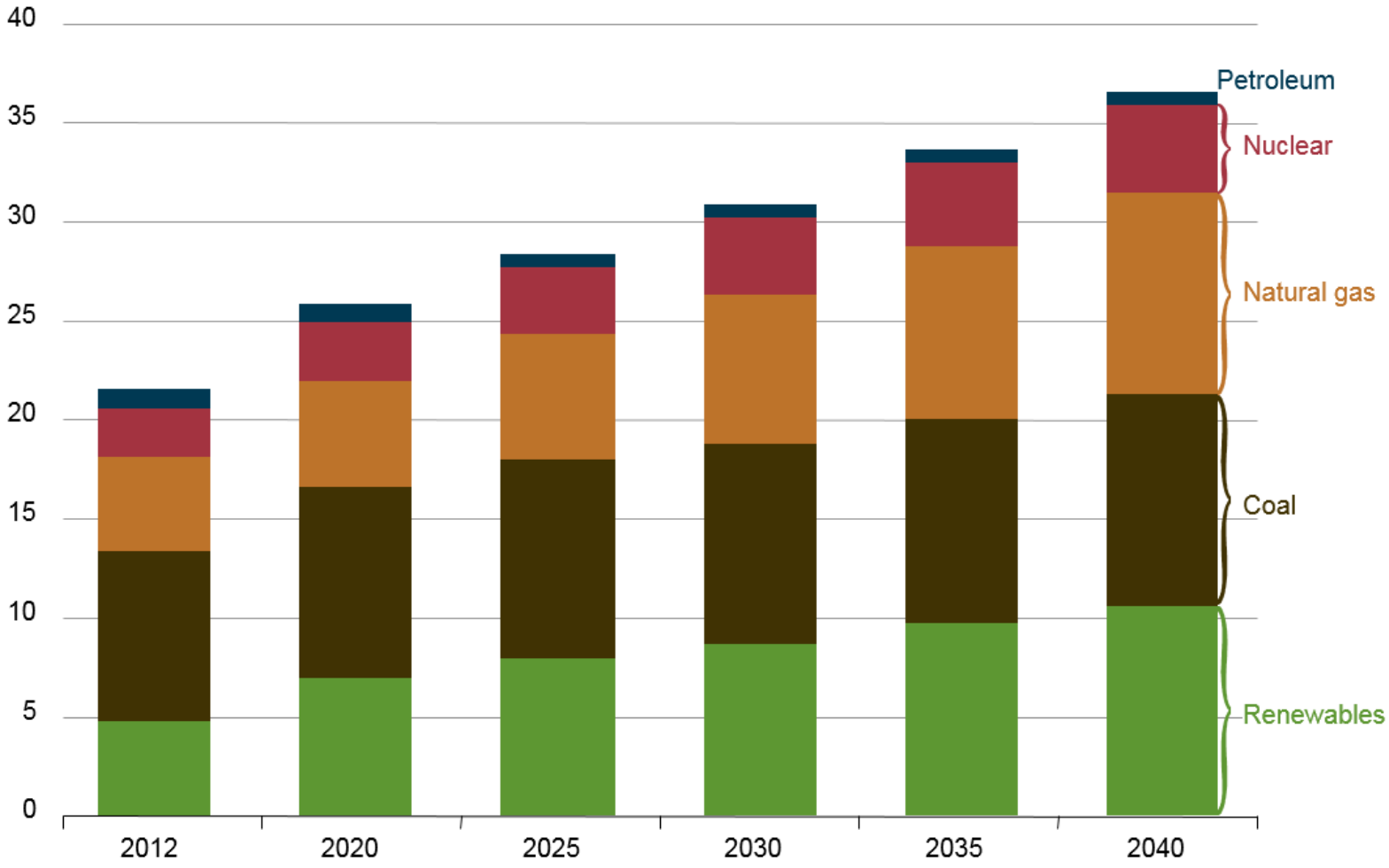



*Source: EIA, International Energy Outlook 2018*

# Electricity consumption is expected to grow by 70%-80% by 2040

Figure ES-6. World net electricity generation by energy source, 2012-40

trillion kilowatthours




eia

e: EIA, International Energy Outlook, 2016

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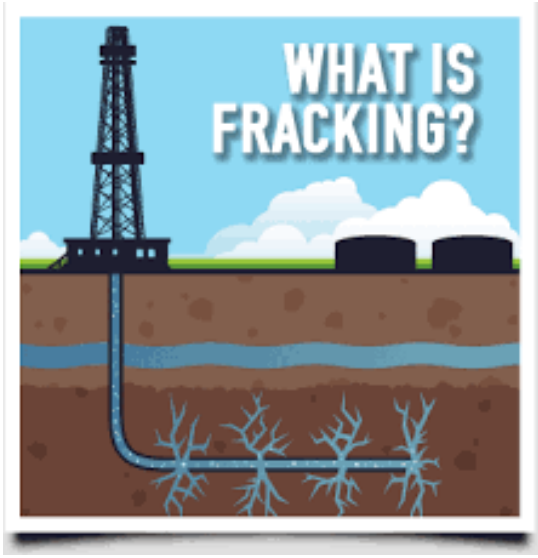
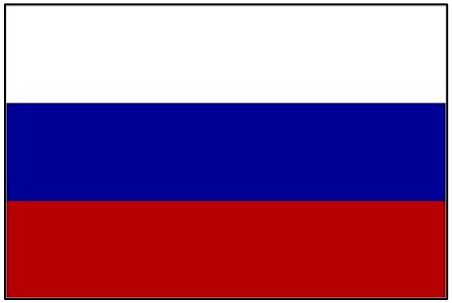
**The sanctions on Iran will lead to income decrease from oil export of ~ $30 billion/yr**

# International oil prices are falling while the U.S. emerges as the largest oil producer

November 18, 2018

**WTI $56.64**



**World oil production:**

**~100 million bbl/day**

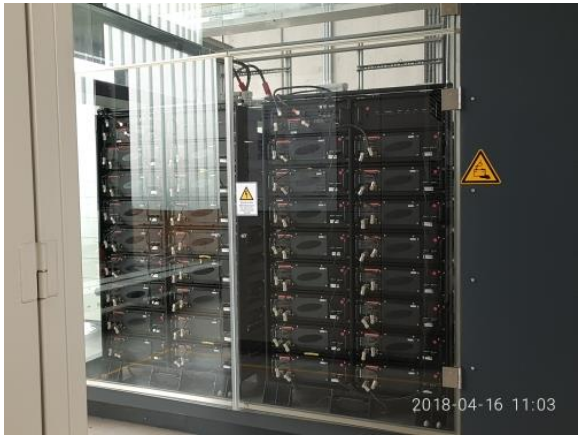
**Of which:**

**The USA – 11.5 mm bbl/day**

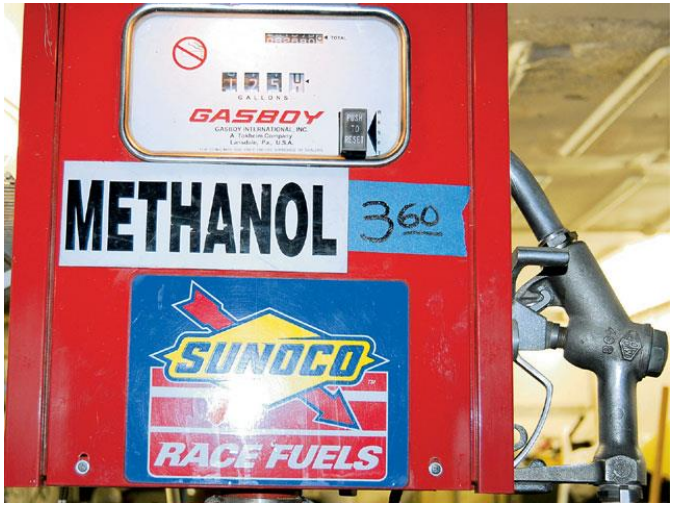
**Russia – 11.3 mm bbl/day**

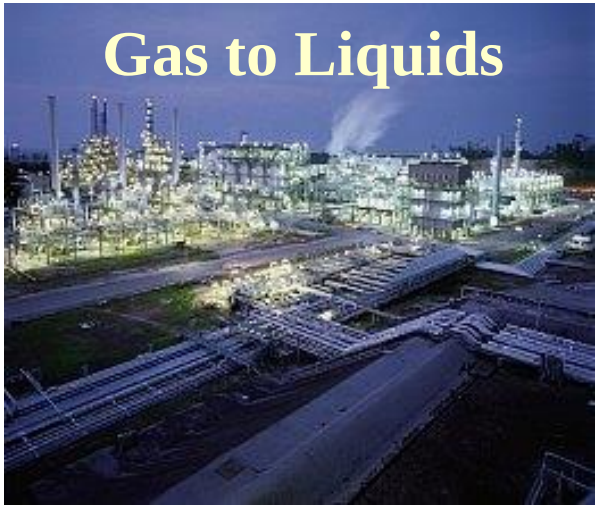
**Saudi Arabia 10.5 mm bbl/day**

# Electricity Storage – Mega Lithium Ion Batteries



# Other Natural gas export options



# The Clean Transportation Vision

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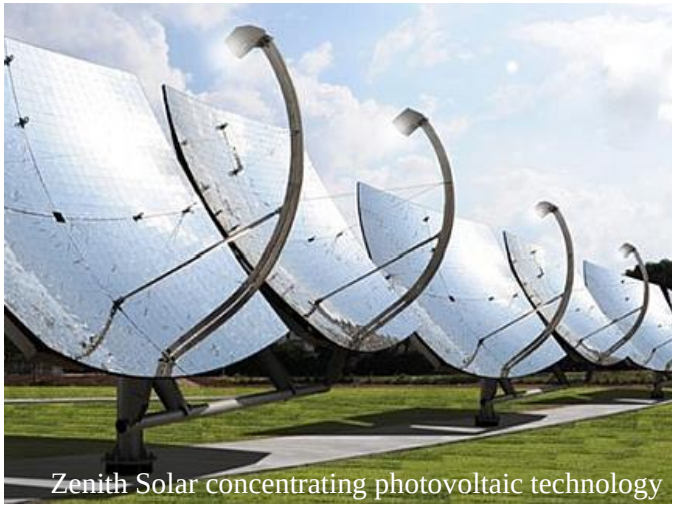
# Natural gas & renewable energy to enhance energy and environmental security



Zenith Solar concentrating photovoltaic technology

# Thank You

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