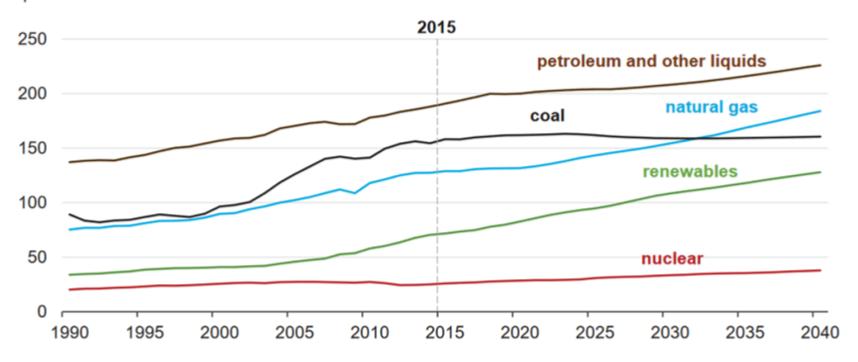


Global Energy Consumption

World energy consumption by energy source

quadrillion Btu



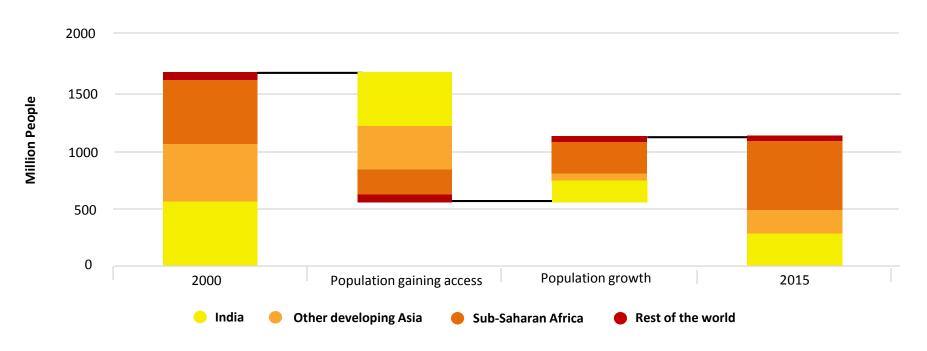
Energy Information Administration's latest International Energy Outlook 2017 (IEO2017)



World Energy Access

Population Without Electricity Access

Change Between 2000 and 2015



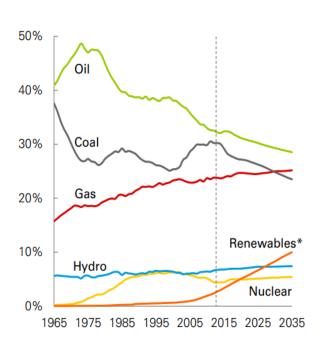
Energy Access Outlook 2017, IEA



Future of the Global Fuel Mix

BP Outlook

Shares of primary energy

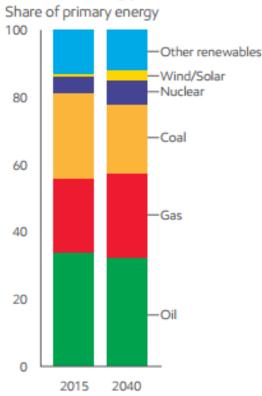


Source:

https://www.bp.com/content/dam/bp/pdf/energy-economics/energy-outlook-2017/bp-energy-outlook-2017.pdf

ExxonMobil Outlook

Global energy mix evolves



■ Coal ■Oil ■ Nudear Gas Hvdro Biomass ■New RES 100 % 80 % 60 % 40 % 20 % 0% 2050 2050 2014 2050 Reform Renewal Rivalry

Equior (Former Statoil)

Global primary energy mix

2014 and 2050

Source: IEA (2014), Statoil

Source:

https://www.statoil.com/content/dam/statoil/doc uments/energy-perspectives/energy-perspectives-2017-v2.pdf

Source:

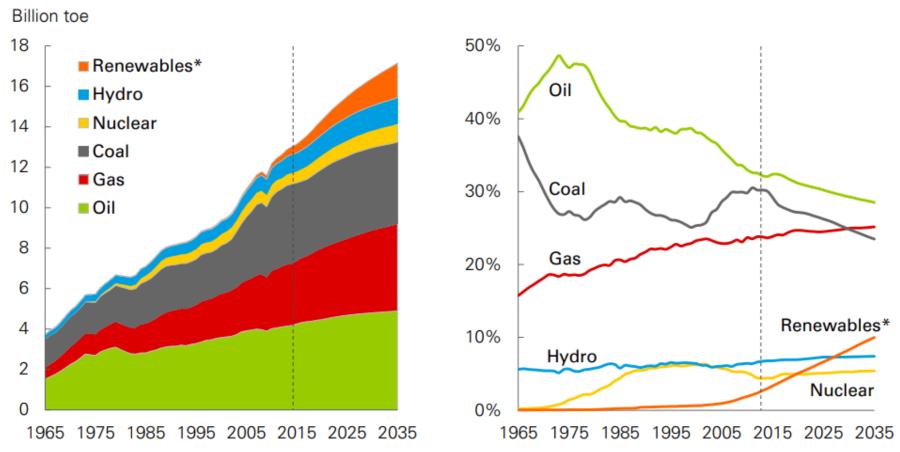
http://cdn.exxonmobil.com/~/media/global/files/outlook-for-energy/2017/2017-outlook-for-energy.pdf p. 13



Renewables in the Post-Paris World

Primary energy consumption by fuel

Shares of primary energy



^{*}Renewables includes wind, solar, geothermal, biomass, and biofuels

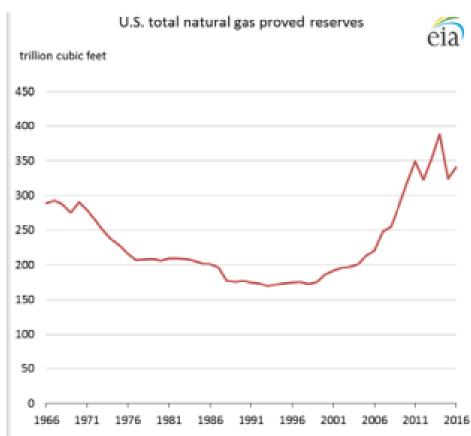
Source: BP 2017 Energy Outlook, https://www.bp.com/content/dam/bp/pdf/energy-economics/energy-outlook-2017/bp-energy-outlook-2017.pdf





United States Proven Reserves



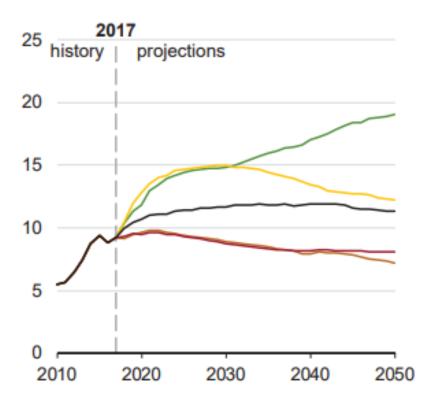


https://www.eia.gov/naturalgas/crudeoilreserves/pdf/usreserves.pdf

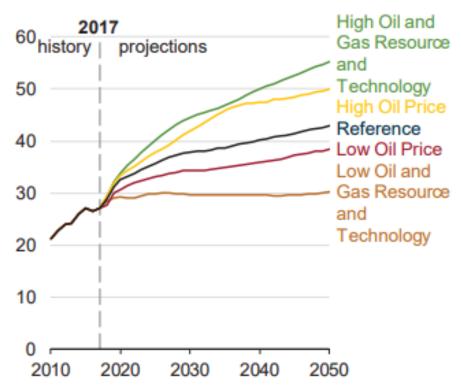


United States Production





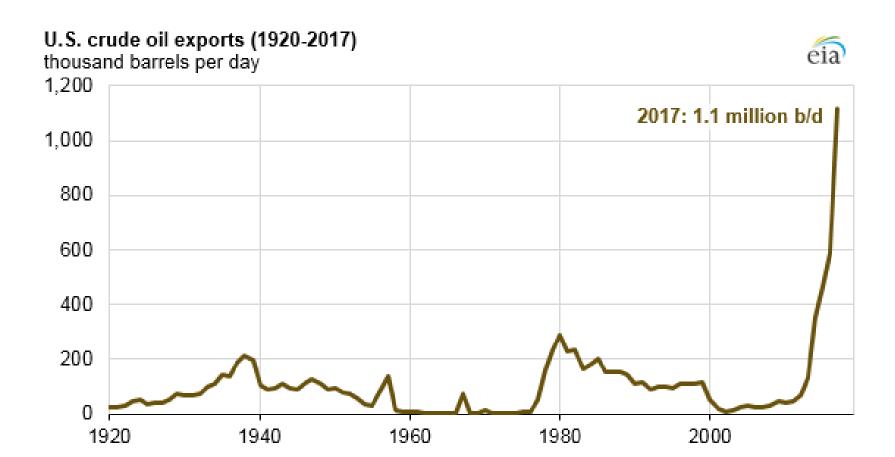
Dry natural gas production trillion cubic feet



https://www.eia.gov/outlooks/aeo/pdf/AEO2018.pdf



United States Crude Oil Exports

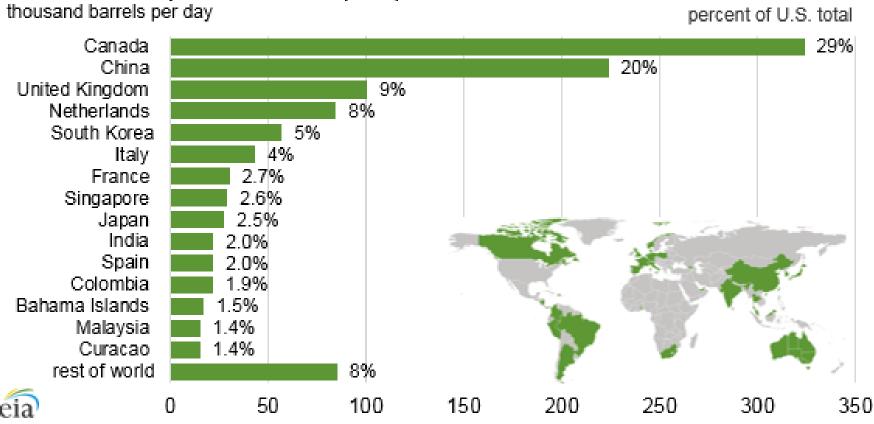


https://www.eia.gov/todayinenergy/detail.php?id=35352



United States Crude Oil Exports

U.S. crude oil export destinations (2017)

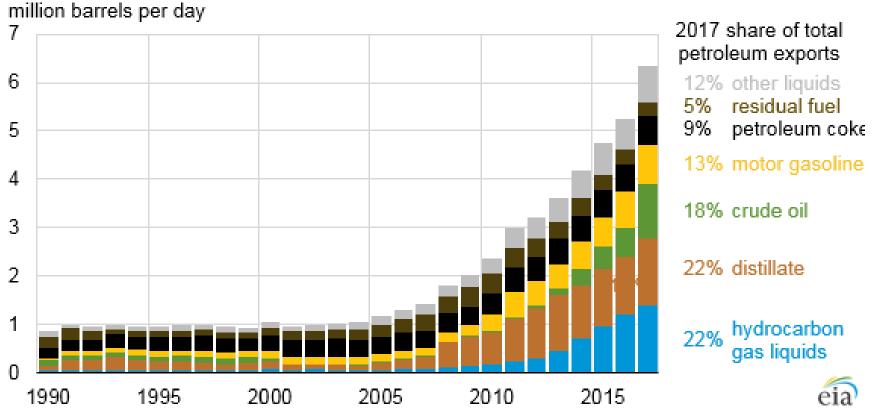


https://www.eia.gov/todayinenergy/detail.php?id=35352



United States Petroleum Product Exports

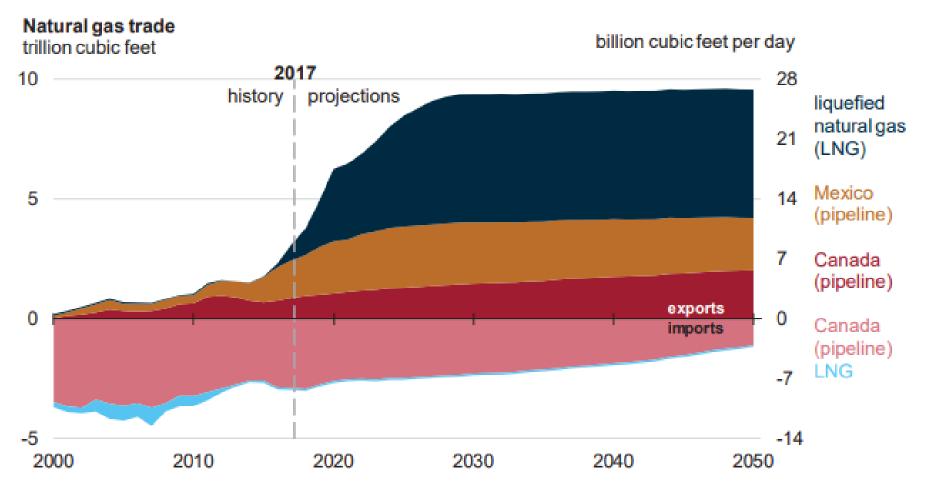
Total U.S. crude oil and petroleum product exports



https://www.eia.gov/todayinenergy/detail.php?id=35352



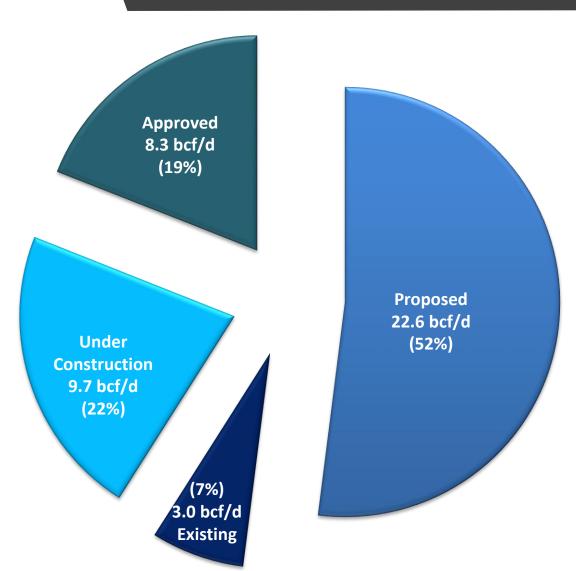
United States Natural Gas Exports







U.S. LNG Export Capacity Status

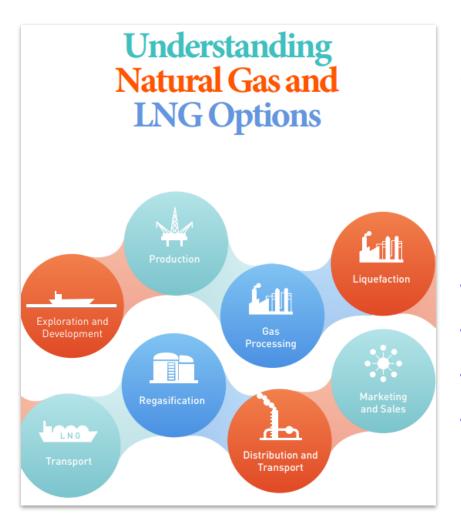


Total Possible Capacity: 43.6 bcf/d

Source: Center for Strategic and International Studies, Energy and National Security Program; Adapted from Clearview Energy Partners (October 2017)



U.S. LNG Exports

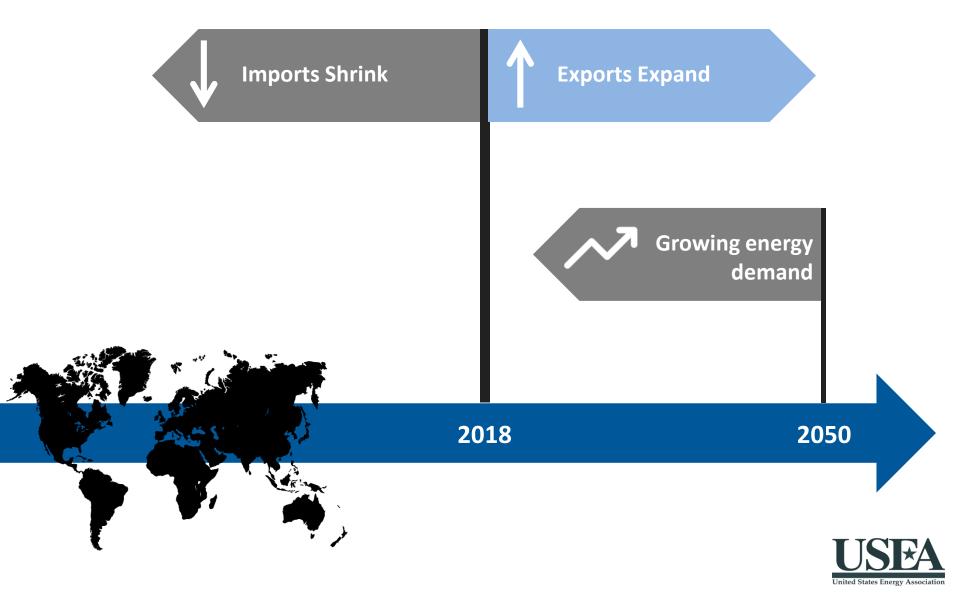


The handbook is available in English, French and soon to be in Portuguese. Available for download here:

https://www.energy.gov/ia/articles/understanding-natural-gas-and-lng-options-handbook



Going Forward: Energy in 2050



Questions?

