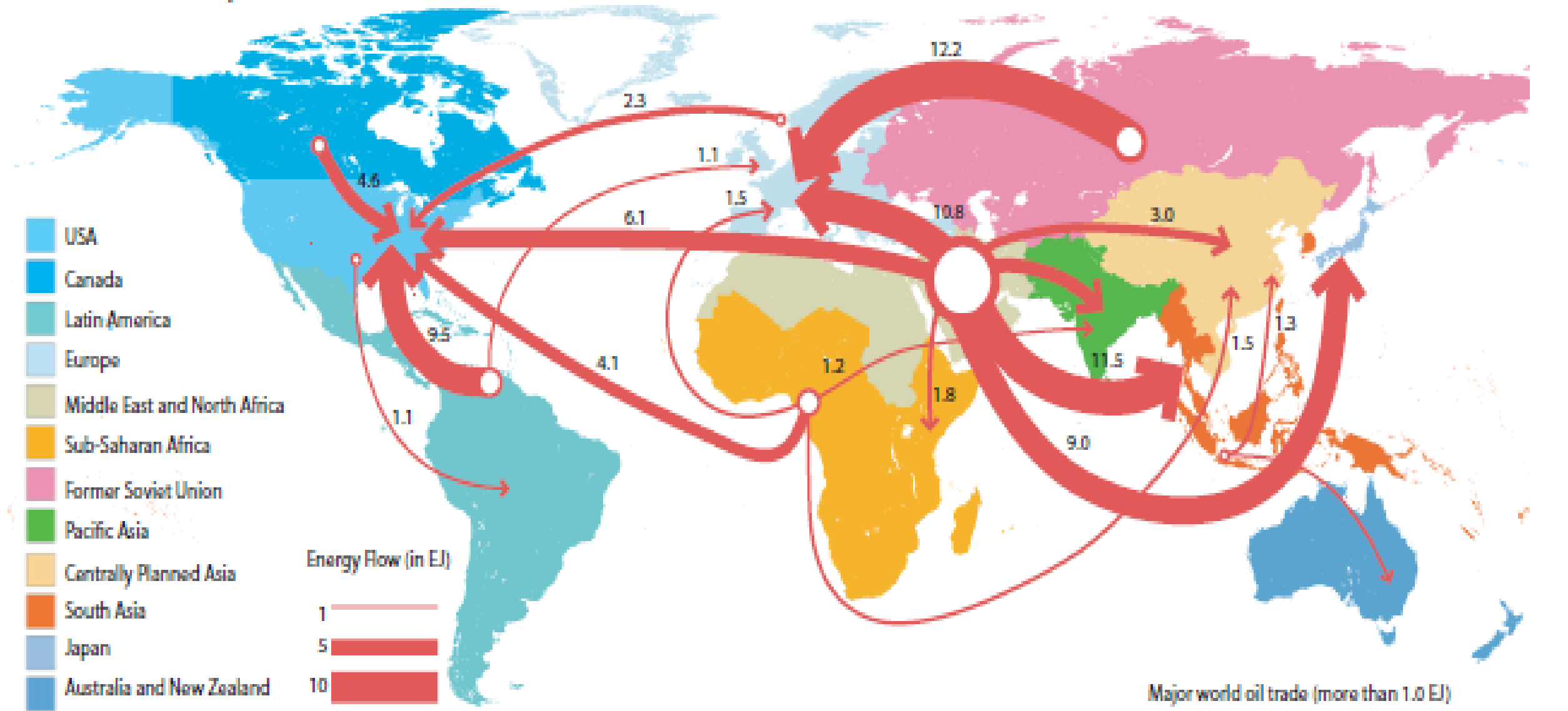
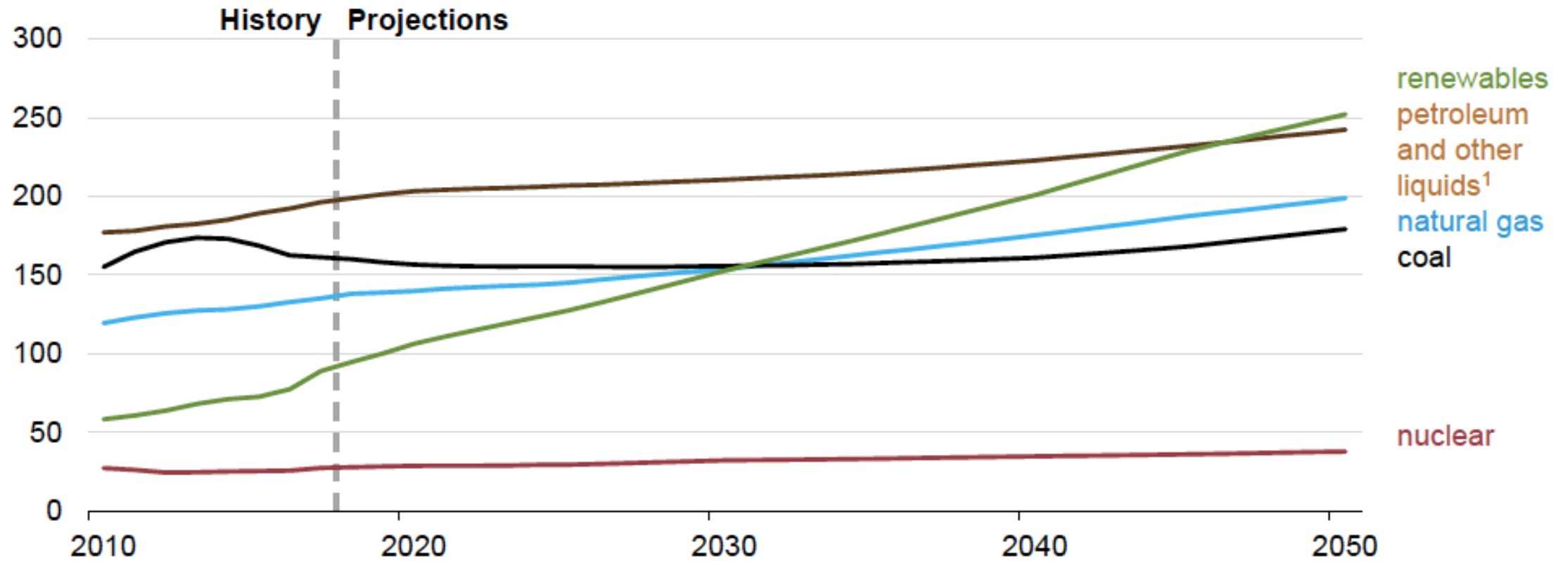


# Crude oil and oil products



**Primary energy consumption by fuel, world**  
quadrillion British thermal units



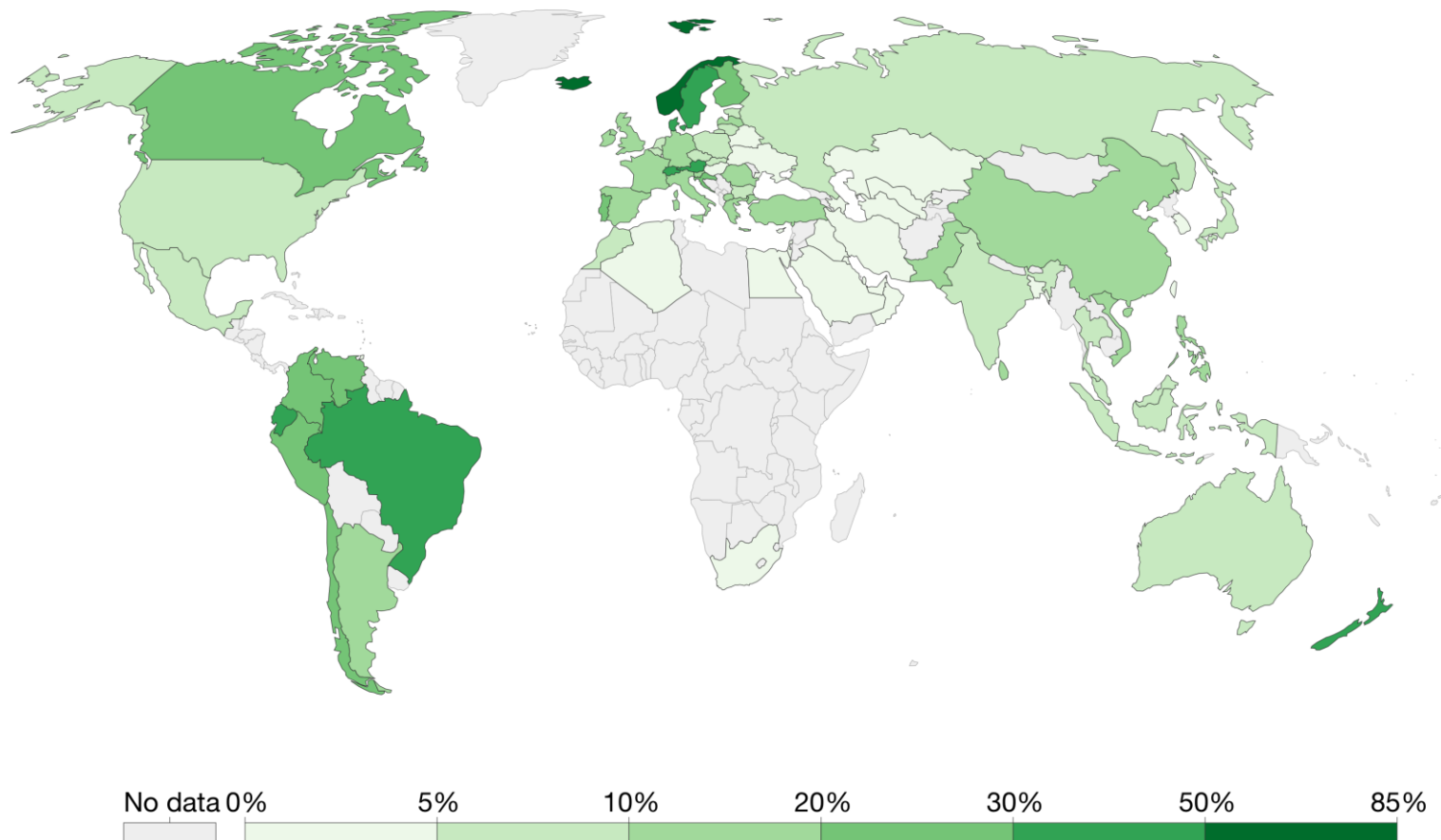
*Note: 1 = Includes biofuels*

*Source: U.S. Energy Information Administration, International Energy Outlook 2019*

# Share of primary energy from renewable sources



Renewable energy sources includes hydropower, solar, wind, geothermal, bioenergy, wave and tidal. It does not include traditional biofuels, which can be a key energy source especially in lower-income settings.



Source: Our World in Data based on BP Statistical Review of World Energy (2020)

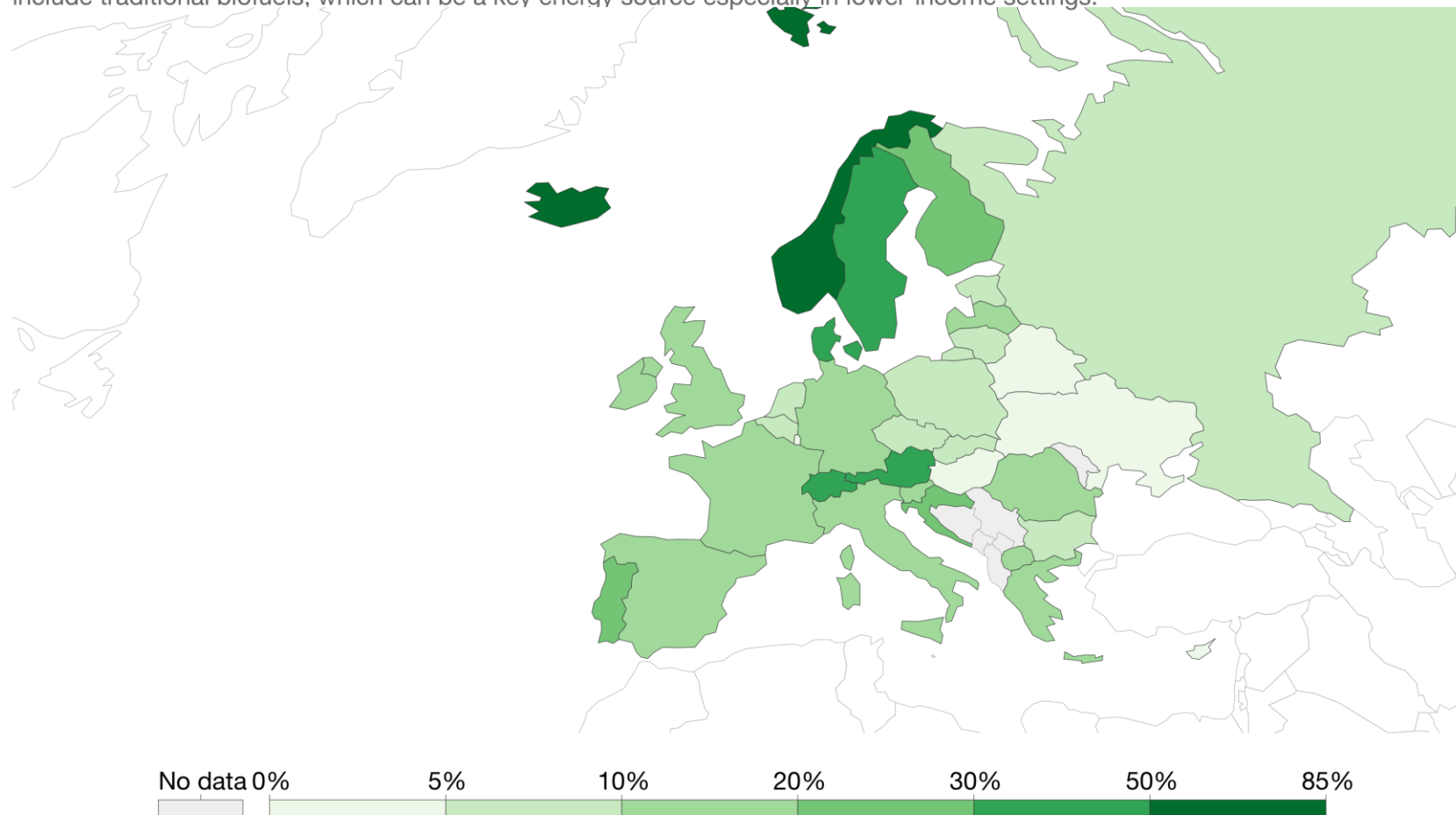
[OurWorldInData.org/energy](https://OurWorldInData.org/energy) • CC BY

Note: Primary energy is calculated using the 'substitution method' which takes account of the inefficiencies energy production from fossil fuels

# Share of primary energy from renewable sources

Our World  
in Data

Renewable energy sources includes hydropower, solar, wind, geothermal, bioenergy, wave and tidal. It does not include traditional biofuels, which can be a key energy source especially in lower-income settings.



Source: Our World in Data based on BP Statistical Review of World Energy (2020)

[OurWorldInData.org/energy](https://OurWorldInData.org/energy) • CC BY

Note: Primary energy is calculated using the 'substitution method' which takes account of the inefficiencies energy production from fossil fuels.



# Global Distribution of Rare Earth Elements

- Mine, deposit or occurrence location
- Reserves (metric tons of rare earth oxide equivalent)



# Water and Security: Pressure Points to Watch in 2016



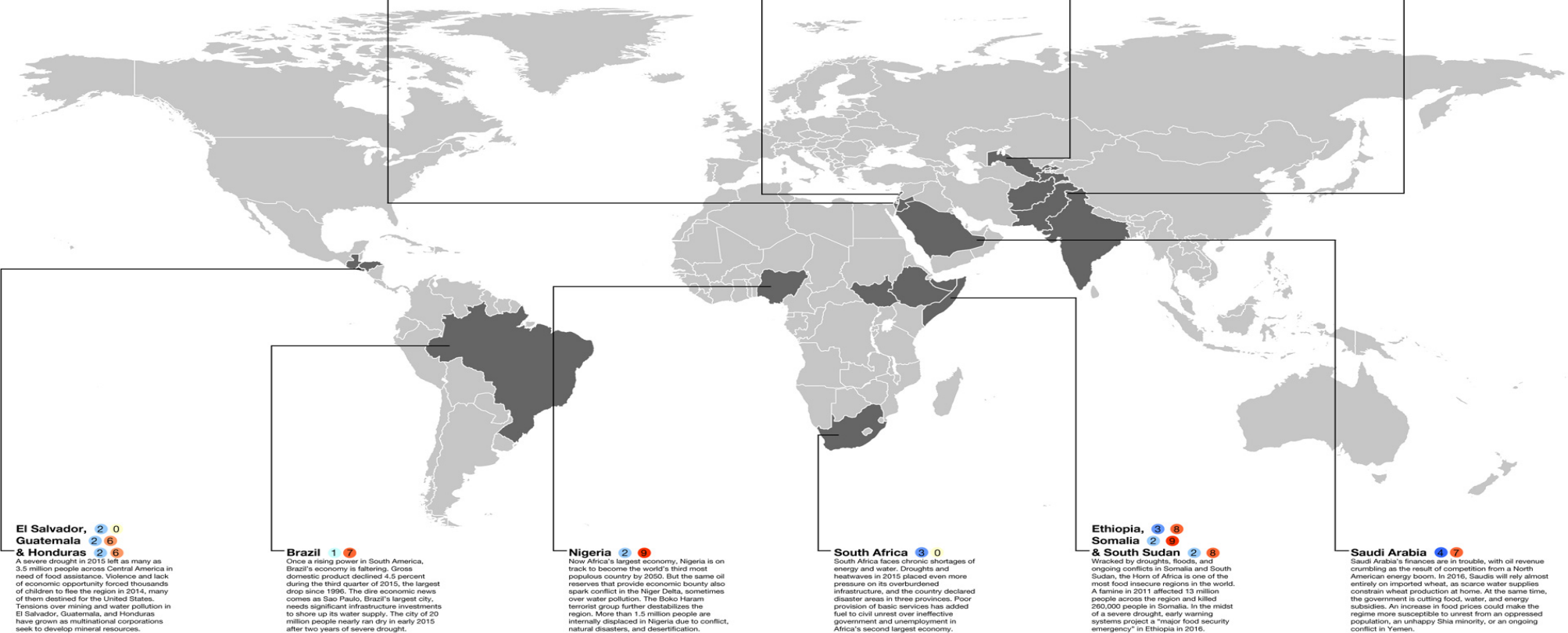
Around the world, climate change, population growth, and industrial development are together disrupting familiar patterns of water availability. Droughts and floods are becoming more frequent and extreme. Clean water supplies are becoming scarcer. Competition for water is growing. While outright conflict over water is rare, these water stressors can join with social and political triggers to destabilize already vulnerable regions. The result can be major food shortages, forced migration, or, in extreme cases like Syria, devastating war. Combining data from water and conflict indices with an analysis of geopolitical factors, Circle of Blue identified 10 places where water could play a role in developing or exacerbating humanitarian crises.

Mean Total Water Risk - World Resources Institute 2013

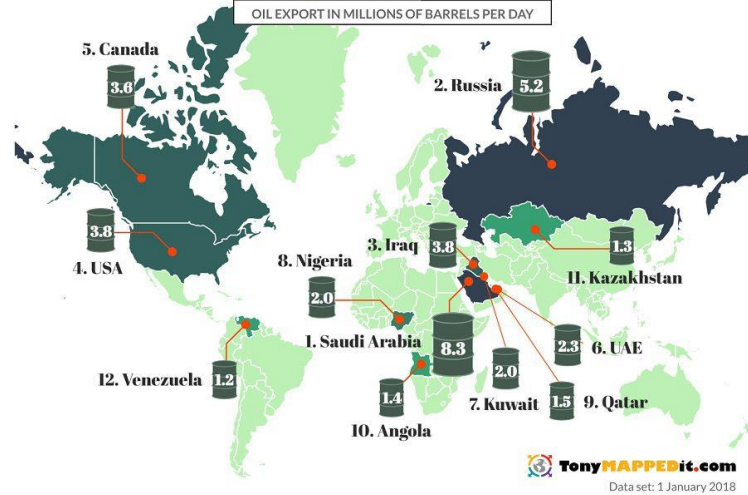
Low (1) High (5)

Violent Conflict Risk - Global Conflict Risk Index 2015

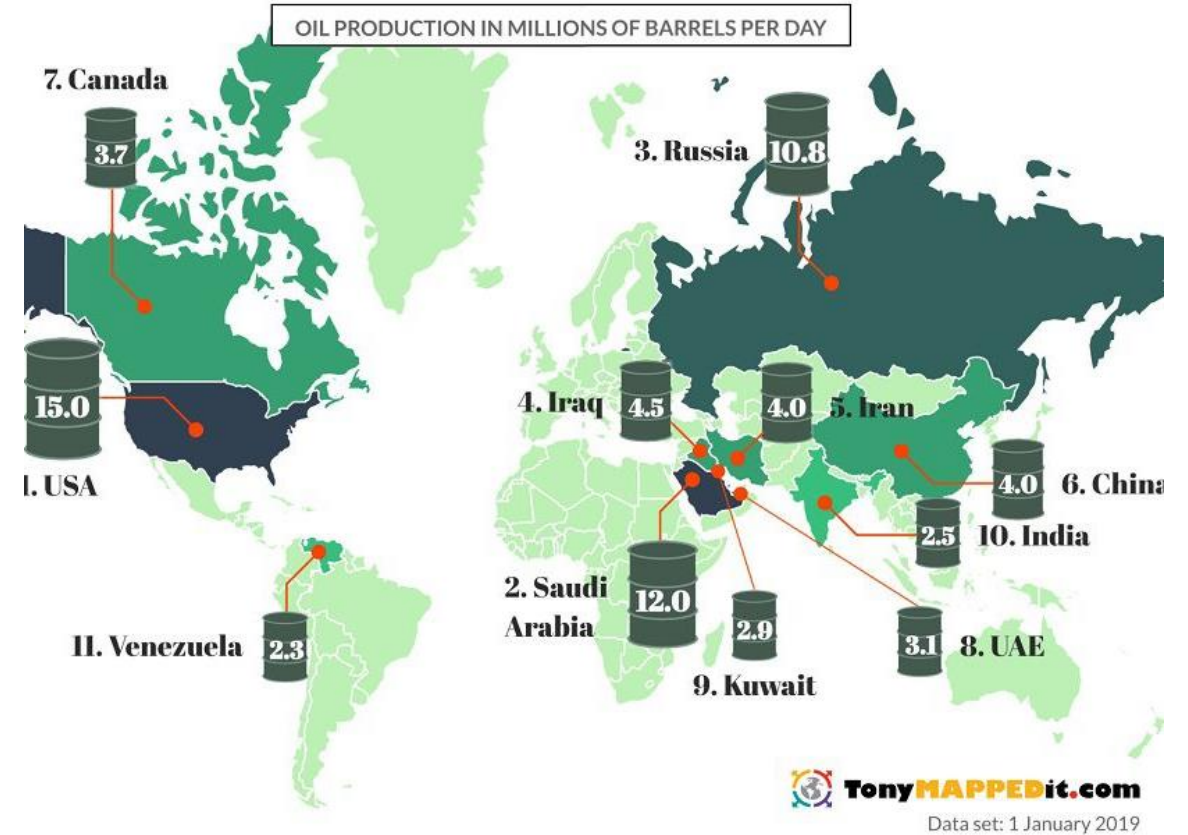
Low (1) High (10)



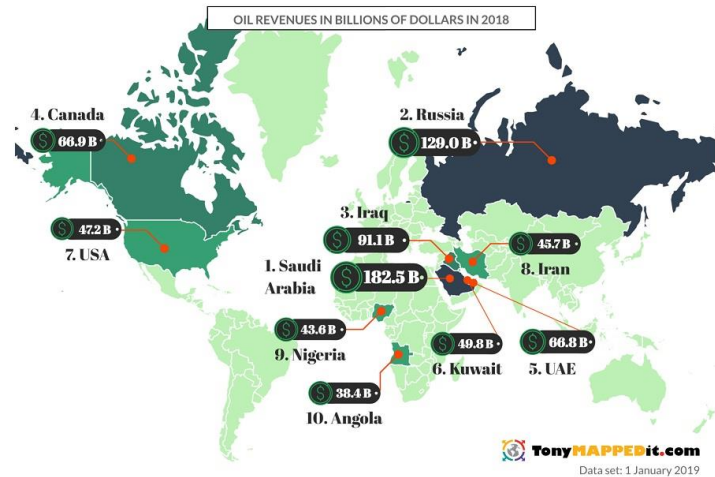
# World Oil Export



# World Oil Production



# World Oil Revenues

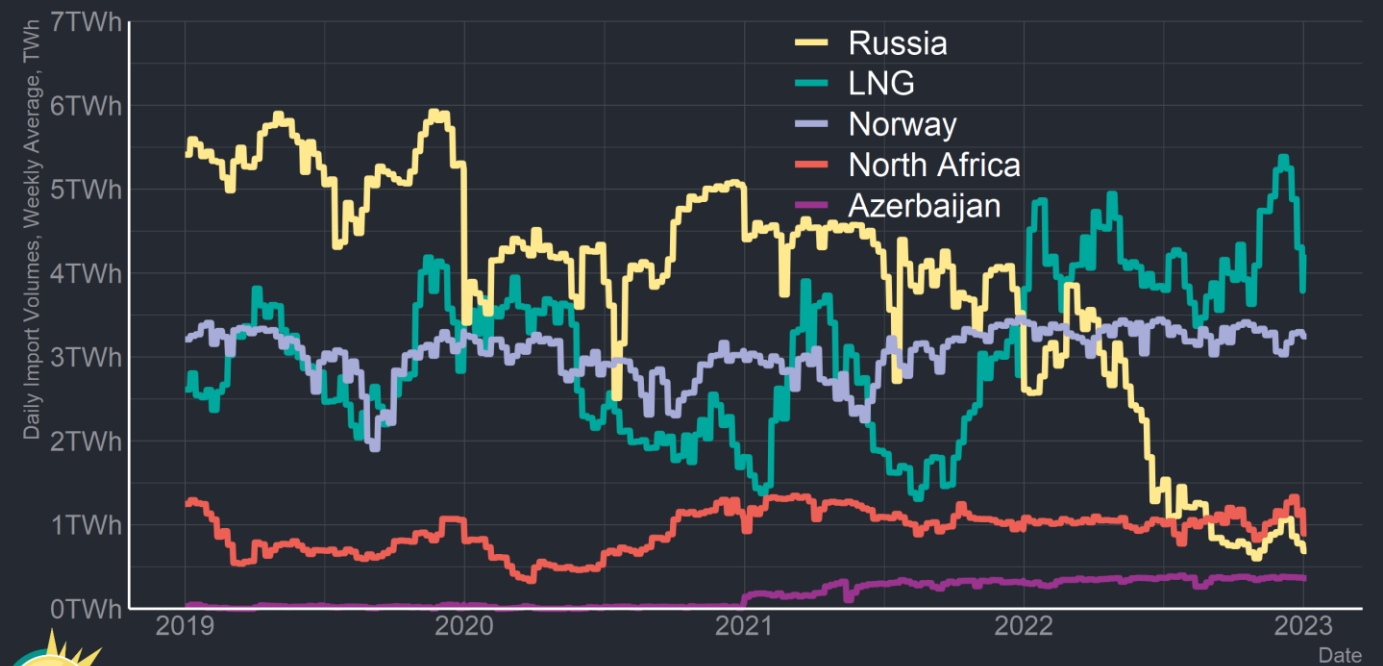


## Major natural gas pipelines from Russia and Caucasus to the EU



## Europe's Natural Gas Crisis

LNG Imports Have Increased Significantly As Europe Tries to Replace Russian Gas



Graph created by @JosephPolitano using Entso-g data with assistance from Bruegel