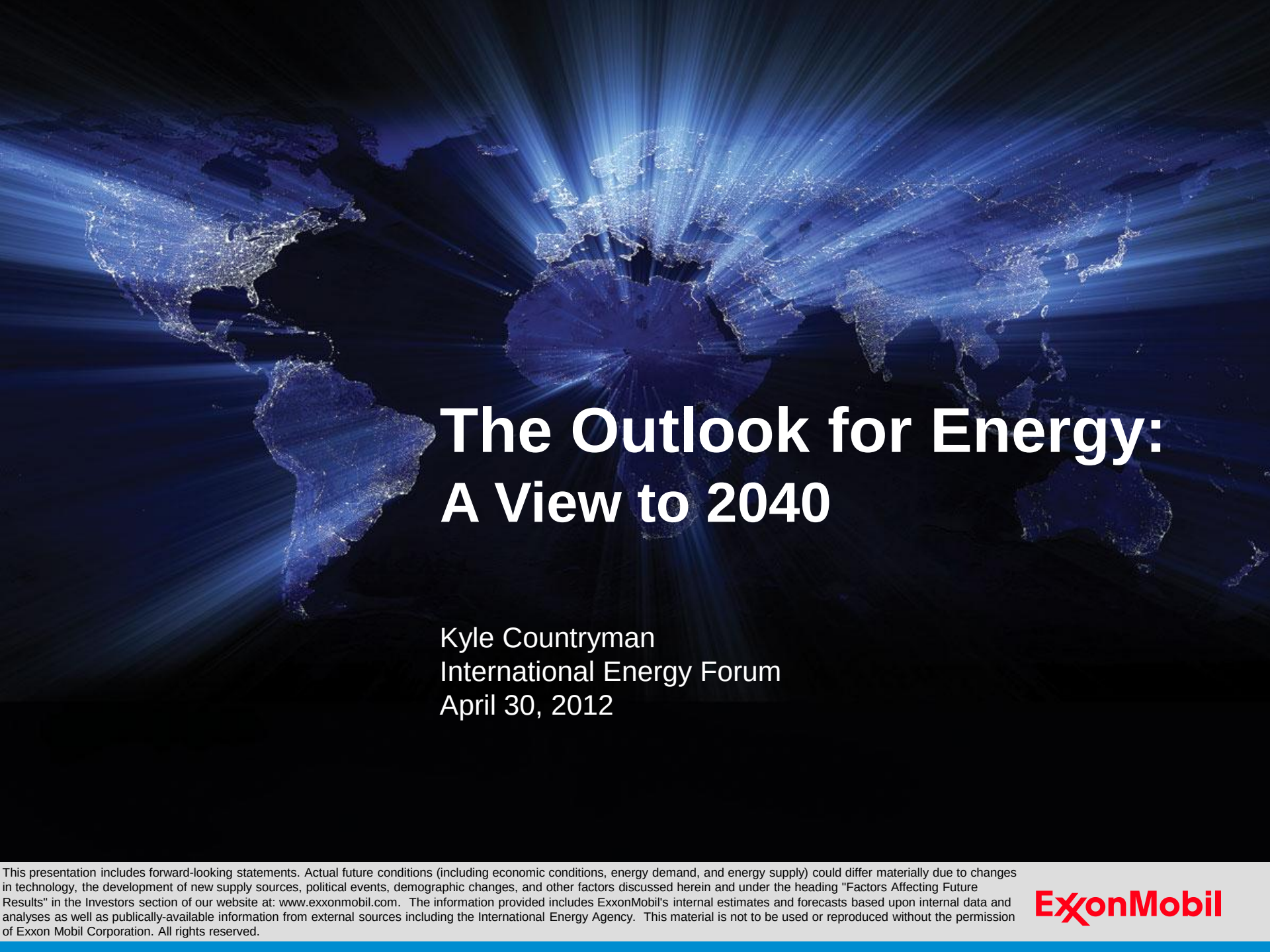




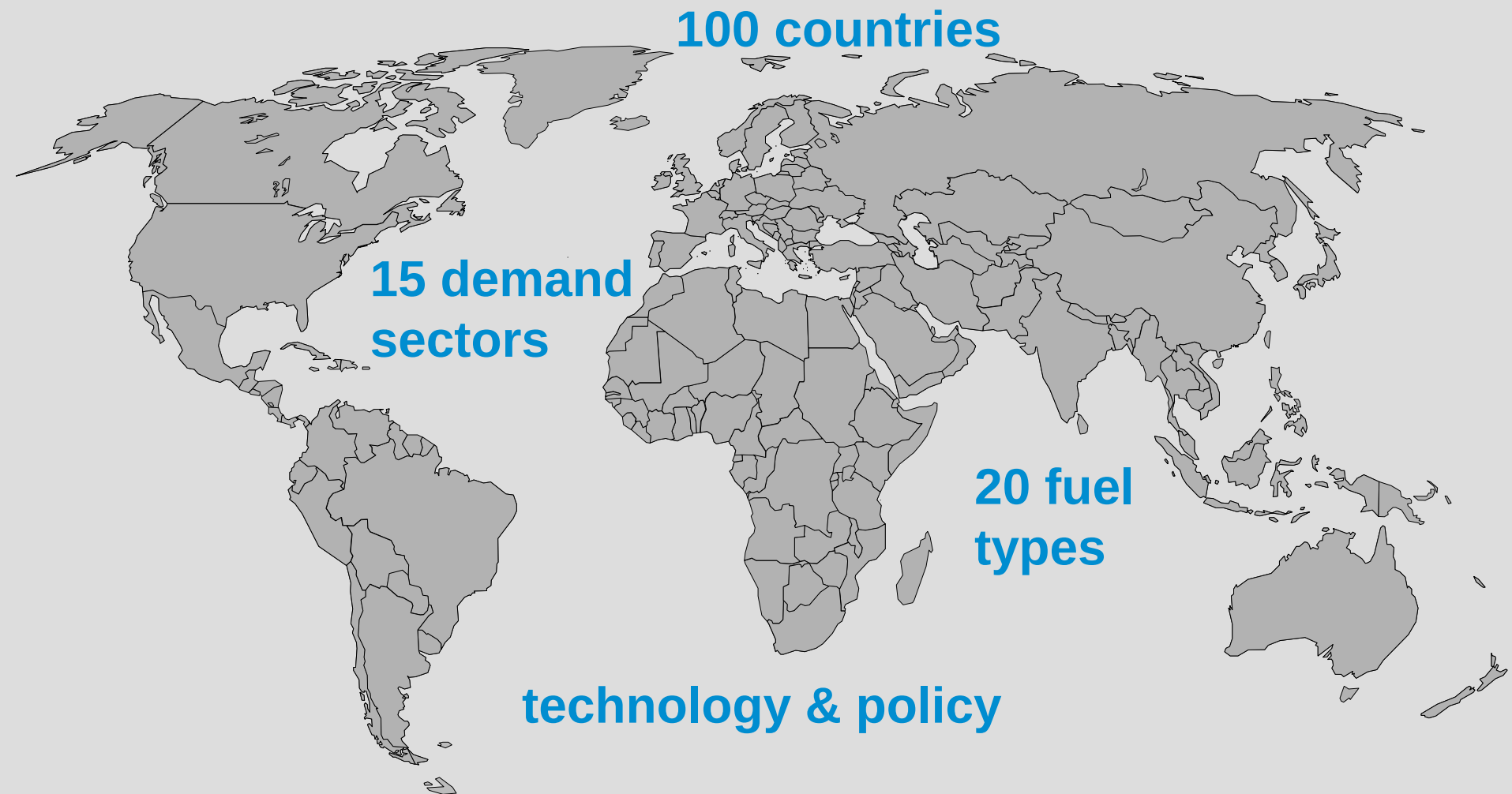
The Outlook for Energy: A View to 2040

Kyle Countryman
International Energy Forum
April 30, 2012

This presentation includes forward-looking statements. Actual future conditions (including economic conditions, energy demand, and energy supply) could differ materially due to changes in technology, the development of new supply sources, political events, demographic changes, and other factors discussed herein and under the heading "Factors Affecting Future Results" in the Investors section of our website at: www.exxonmobil.com. The information provided includes ExxonMobil's internal estimates and forecasts based upon internal data and analyses as well as publically-available information from external sources including the International Energy Agency. This material is not to be used or reproduced without the permission of Exxon Mobil Corporation. All rights reserved.

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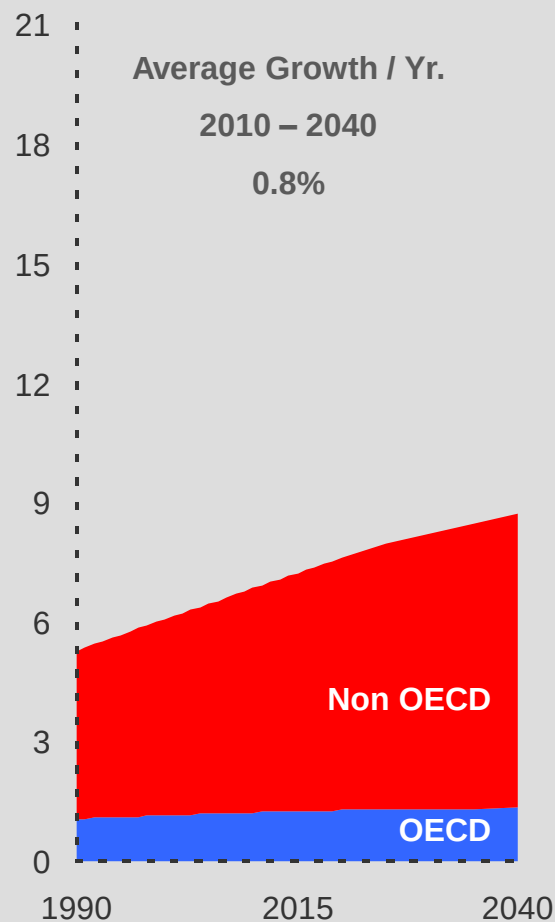
Energy Outlook Model



Global Progress Drives Demand

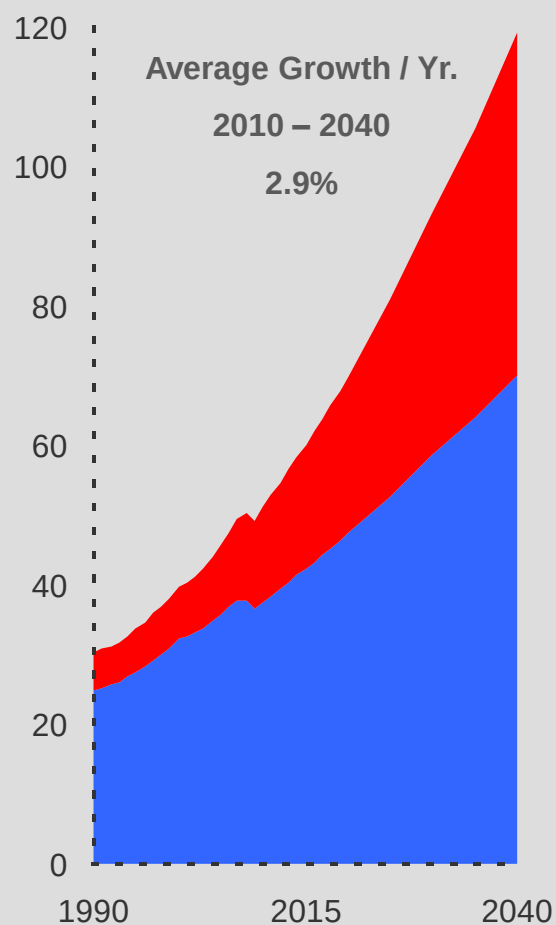
Population

Billion



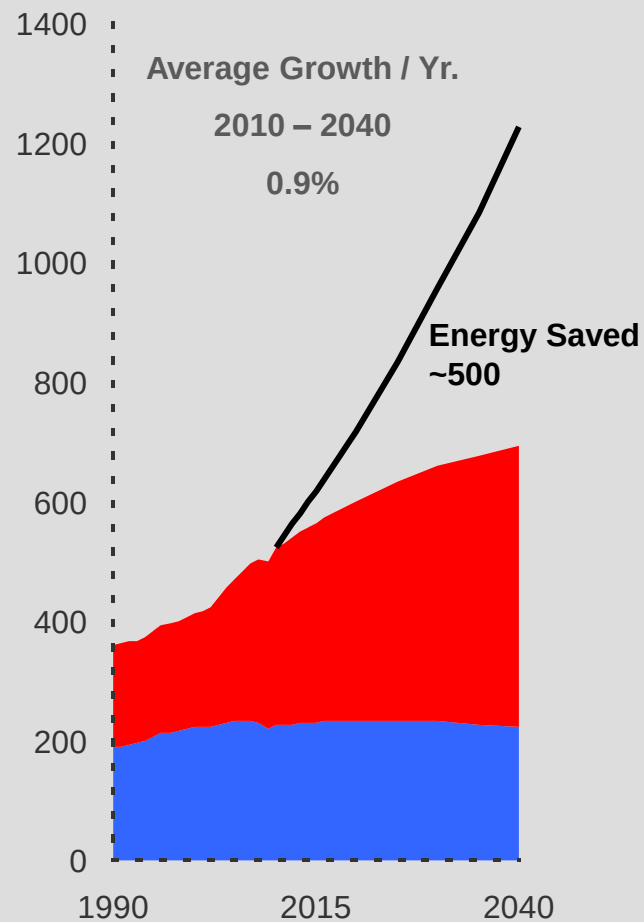
GDP

Trillion 2005\$



Energy Demand

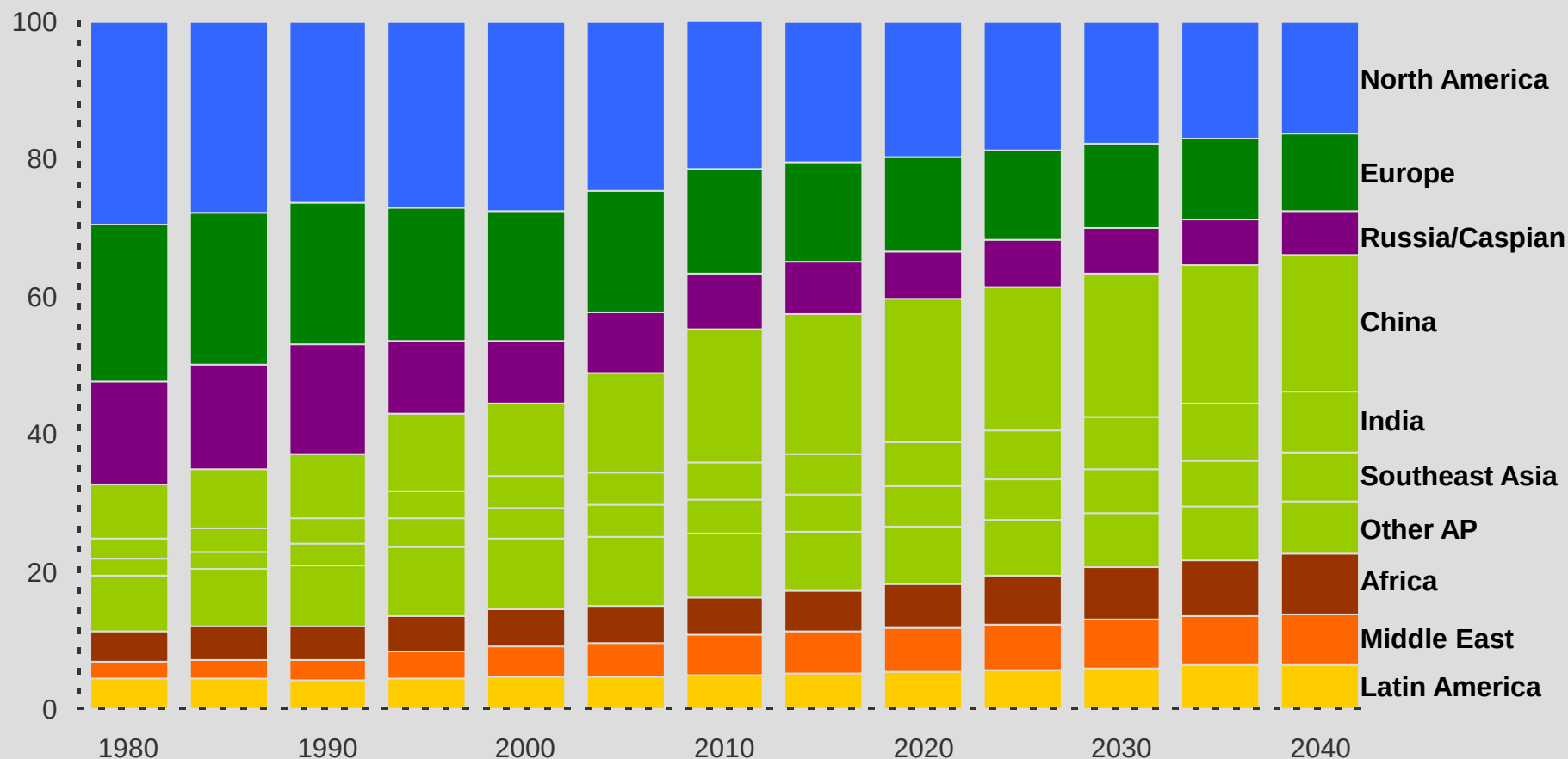
Quadrillion BTUs



Regional Energy Trends Evolve

By Region

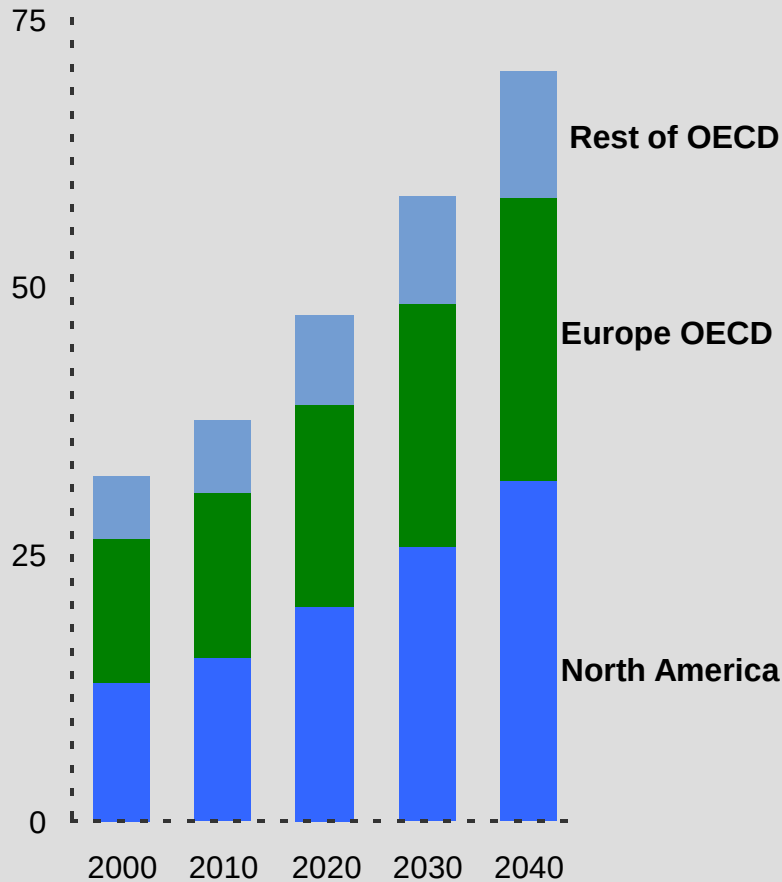
Percent



OECD Efficiency Moderates Demand

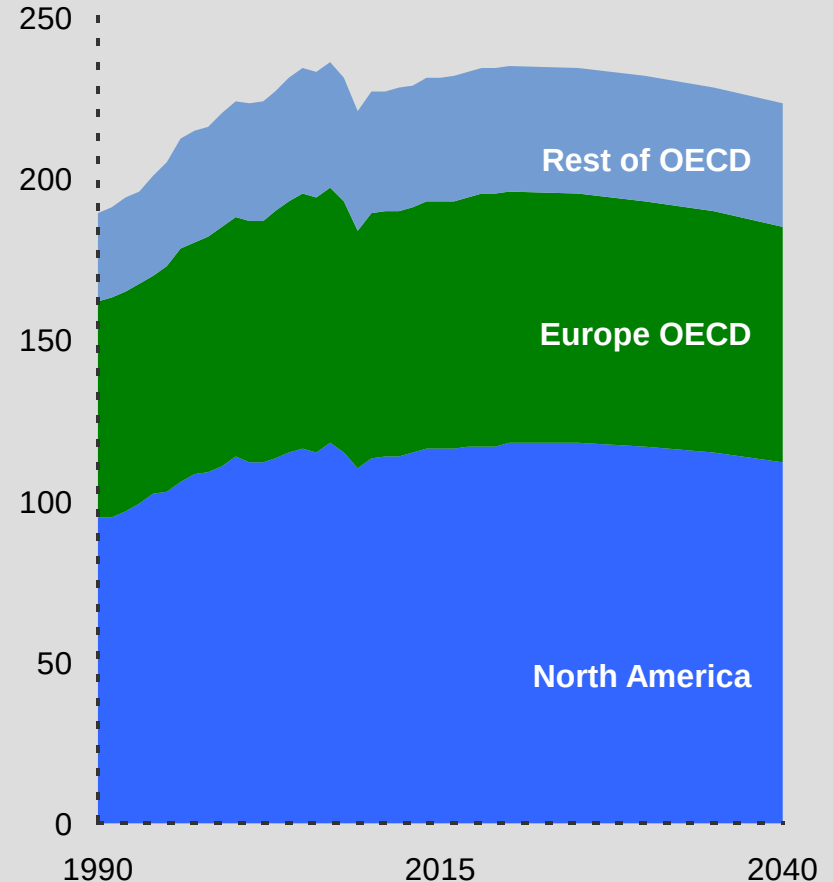
OECD GDP

Trillion 2005 \$



OECD Demand

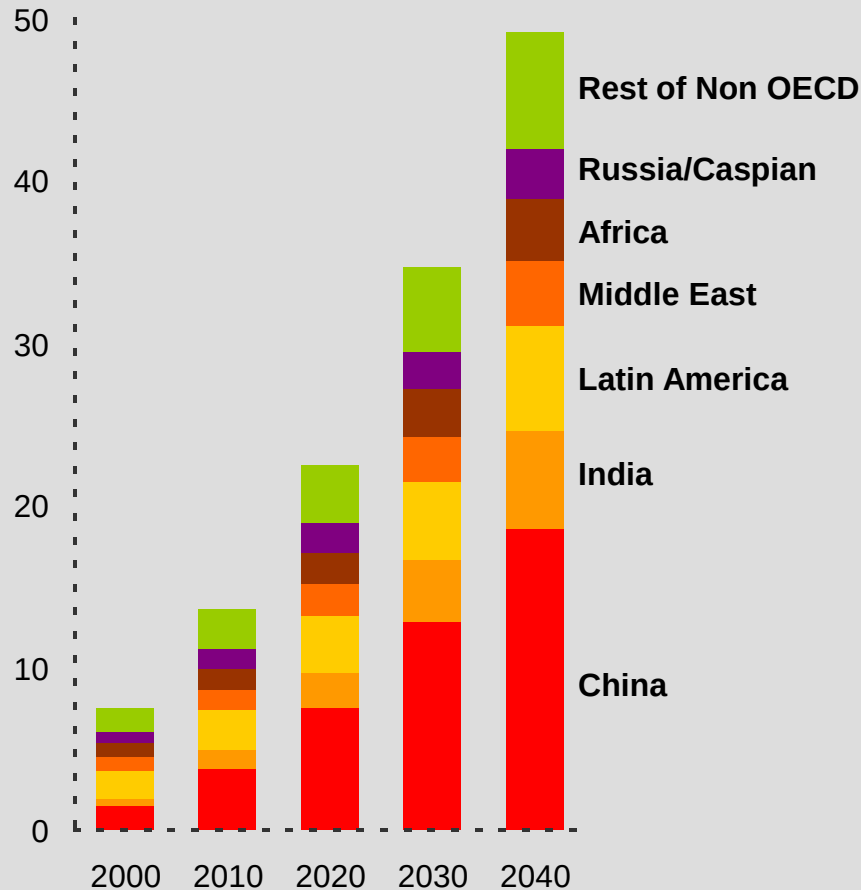
Quadrillion BTUs



Rapidly Expanding Economies Drive Demand

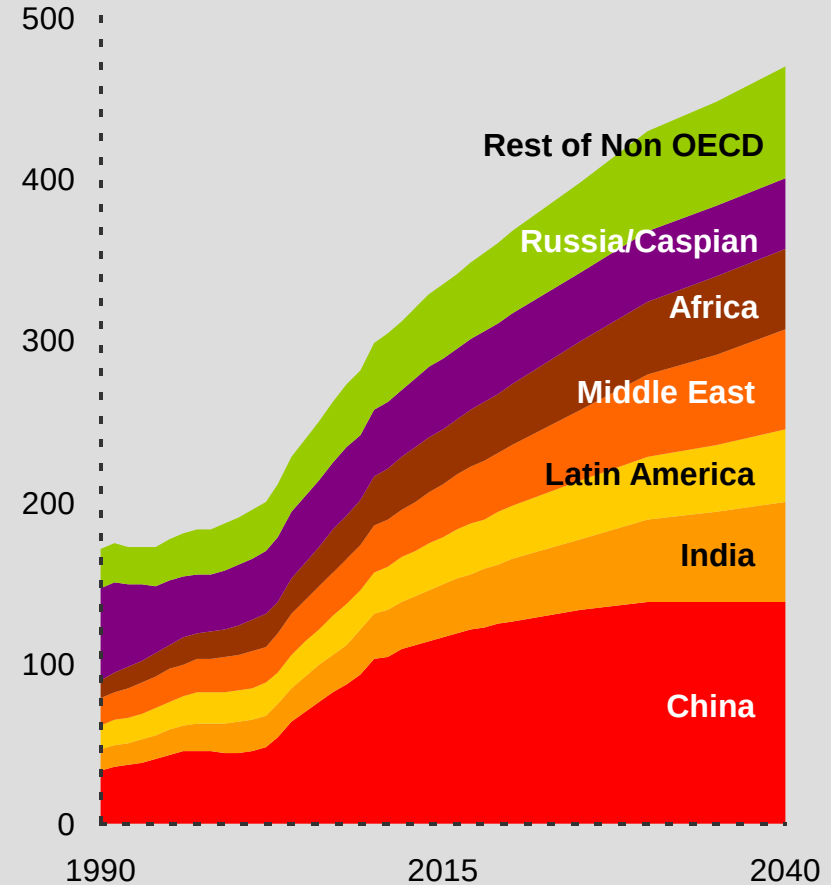
Non OECD GDP

Trillion 2005 \$



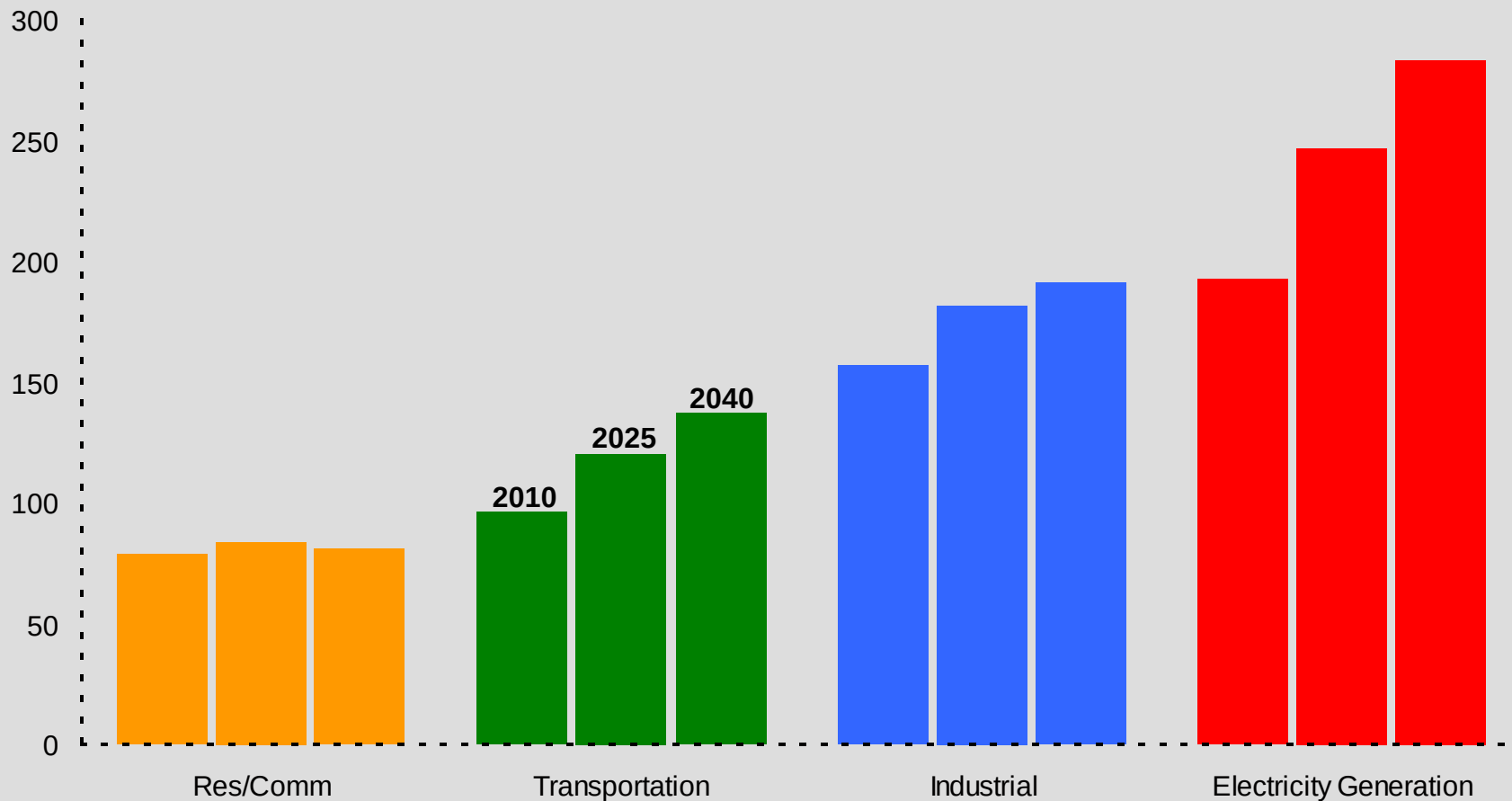
Non OECD Demand

Quadrillion BTUs



Electricity Generation Leads Growth

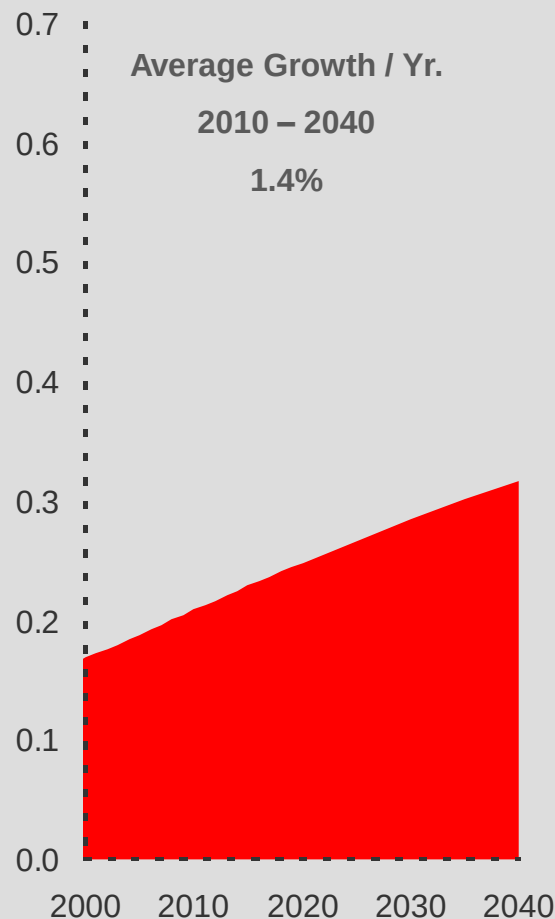
Quadrillion BTUs



Middle East Energy Trends

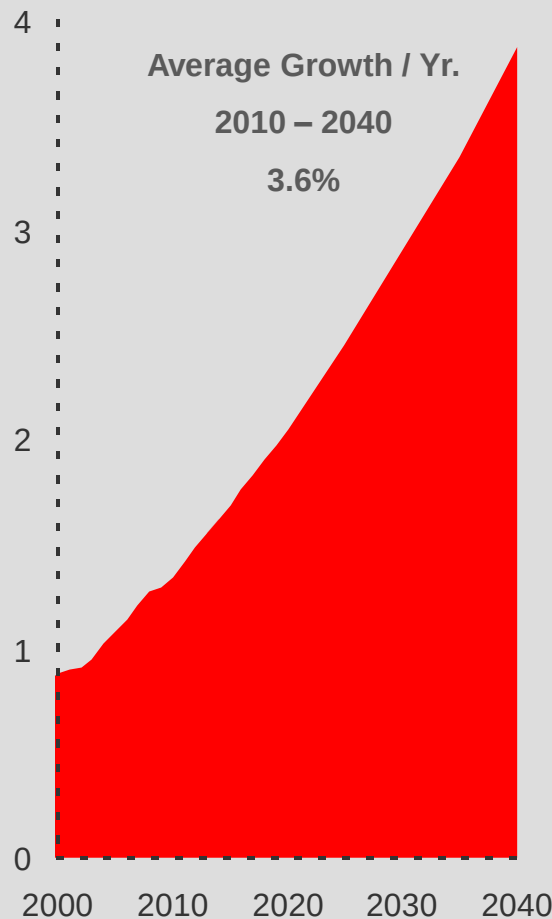
Population

Billion



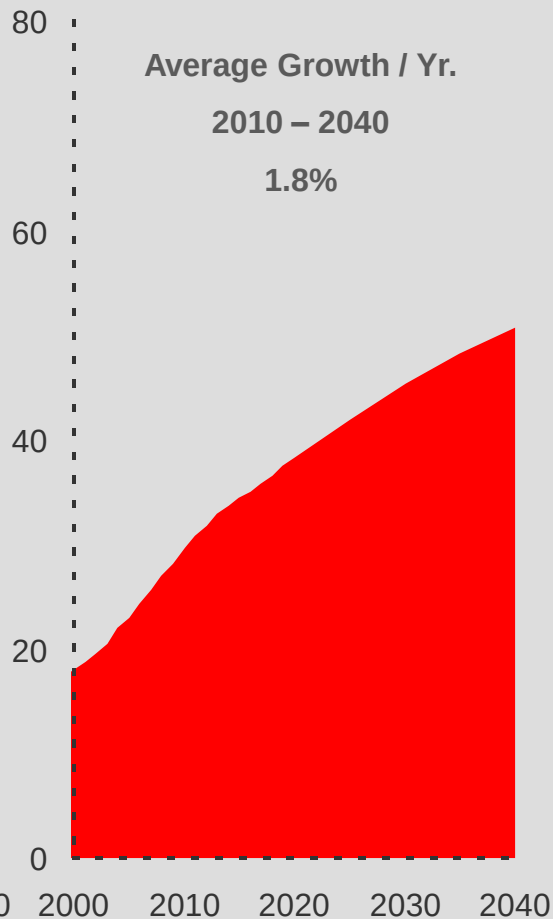
GDP

Trillion 2005\$



Energy Demand

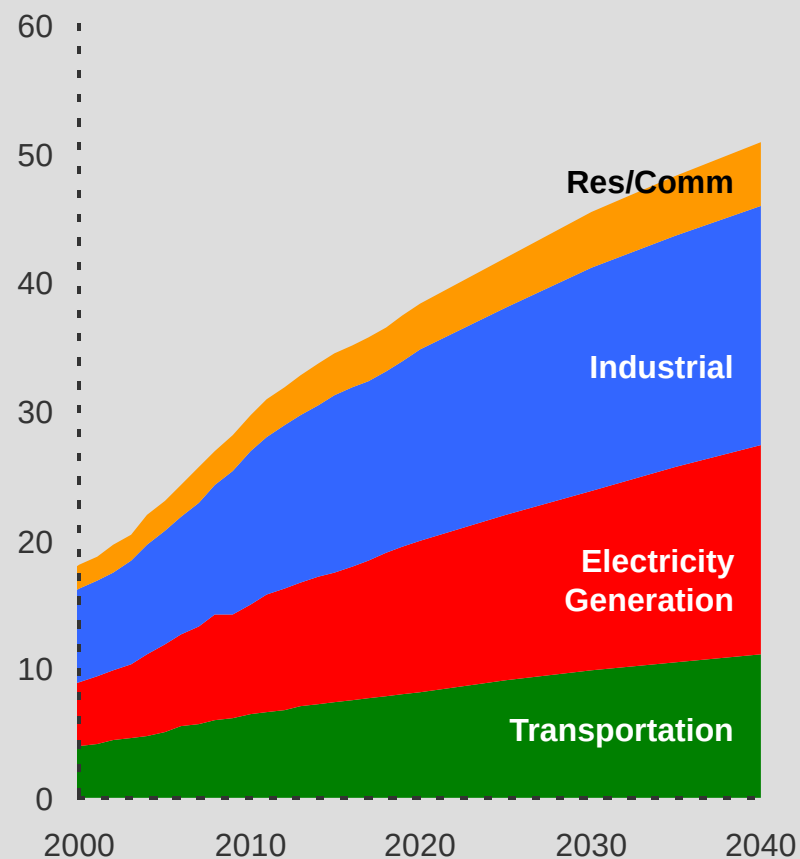
Quadrillion BTUs



Middle East Energy Demand and Supply

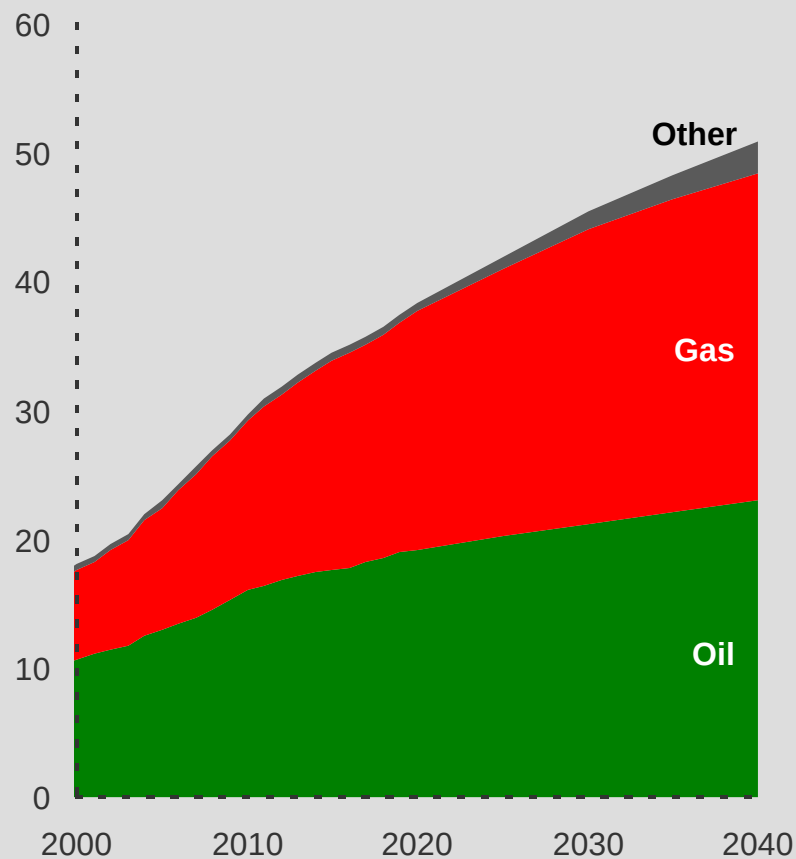
By Sector

Quadrillion BTUs



By Fuel

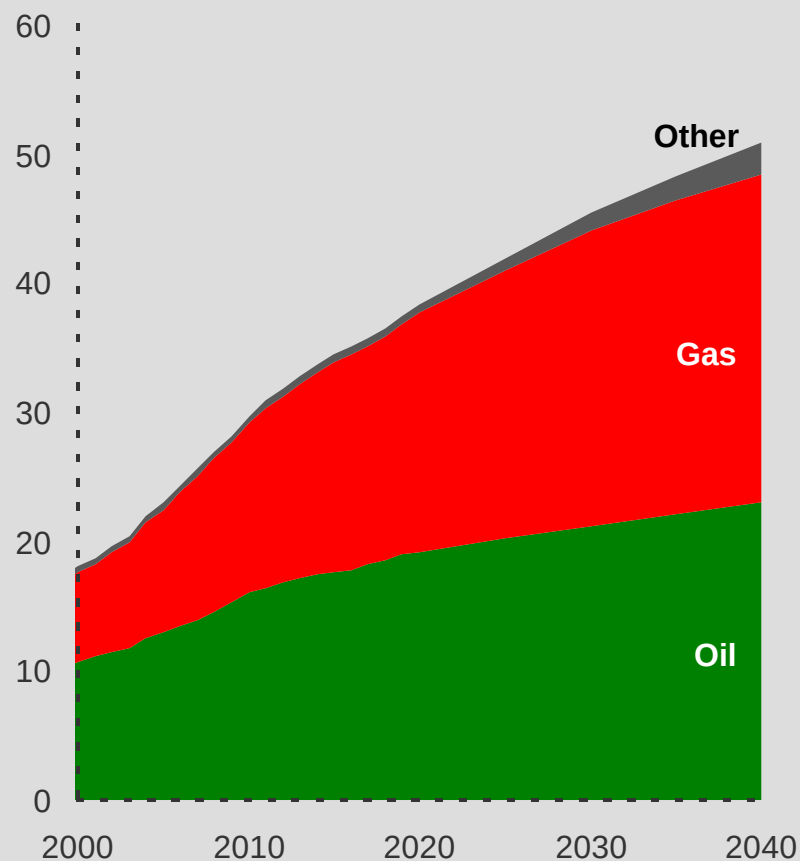
Quadrillion BTUs



Middle East Energy Demand by Country

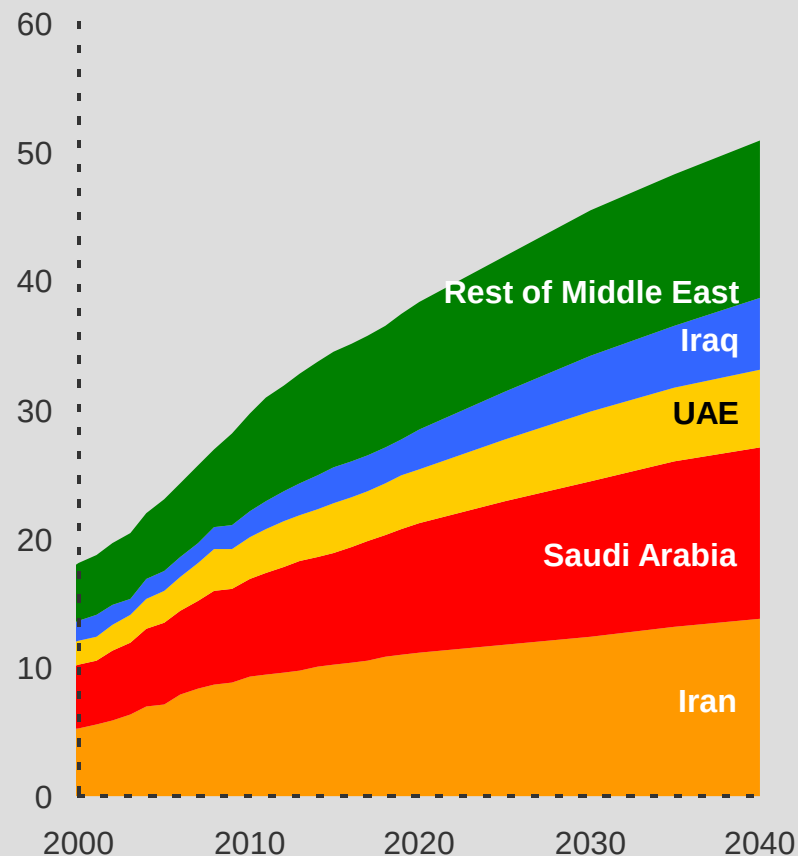
By Fuel

Quadrillion BTUs



By Country

Quadrillion BTUs



Transportation

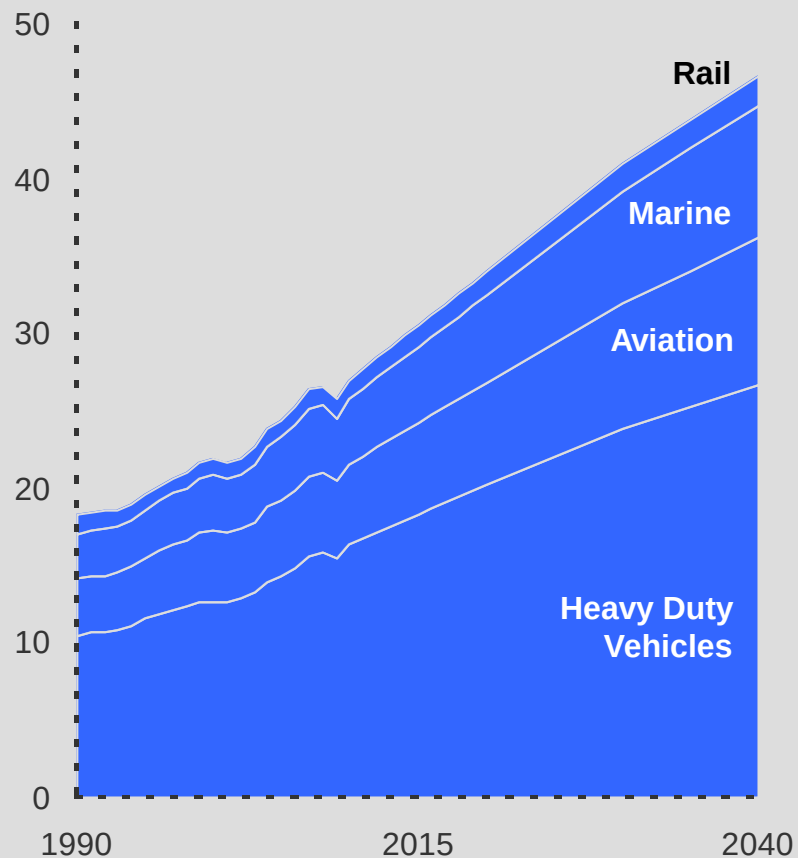
90%

By 2040, 90% of
transportation will run on
liquid petroleum-based fuels.

Commercial Transportation Drives Demand Growth

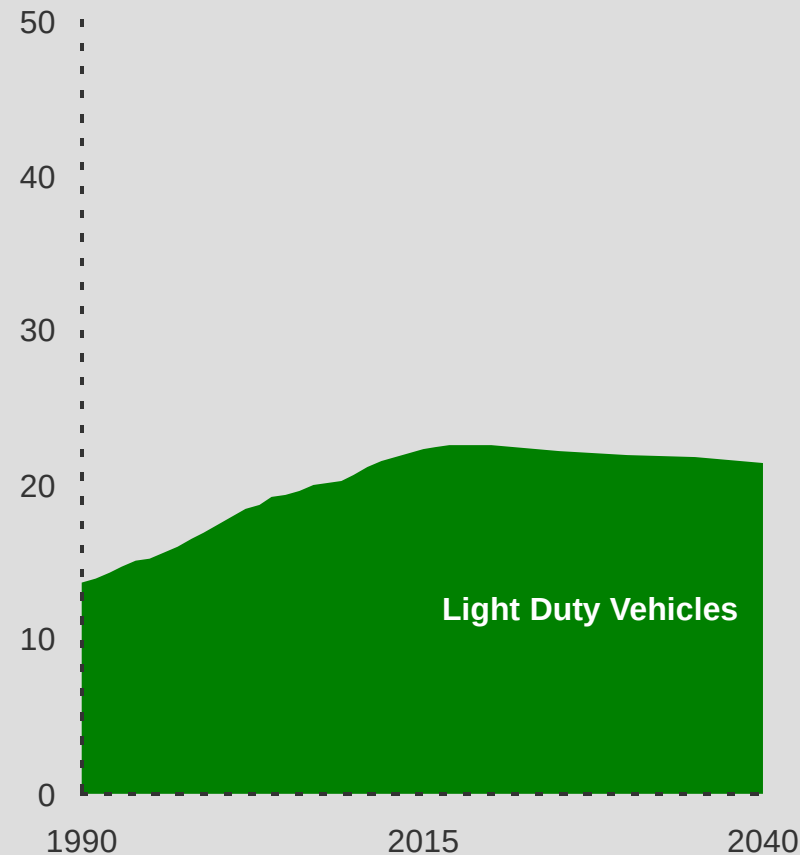
Commercial

MBDOE



Personal

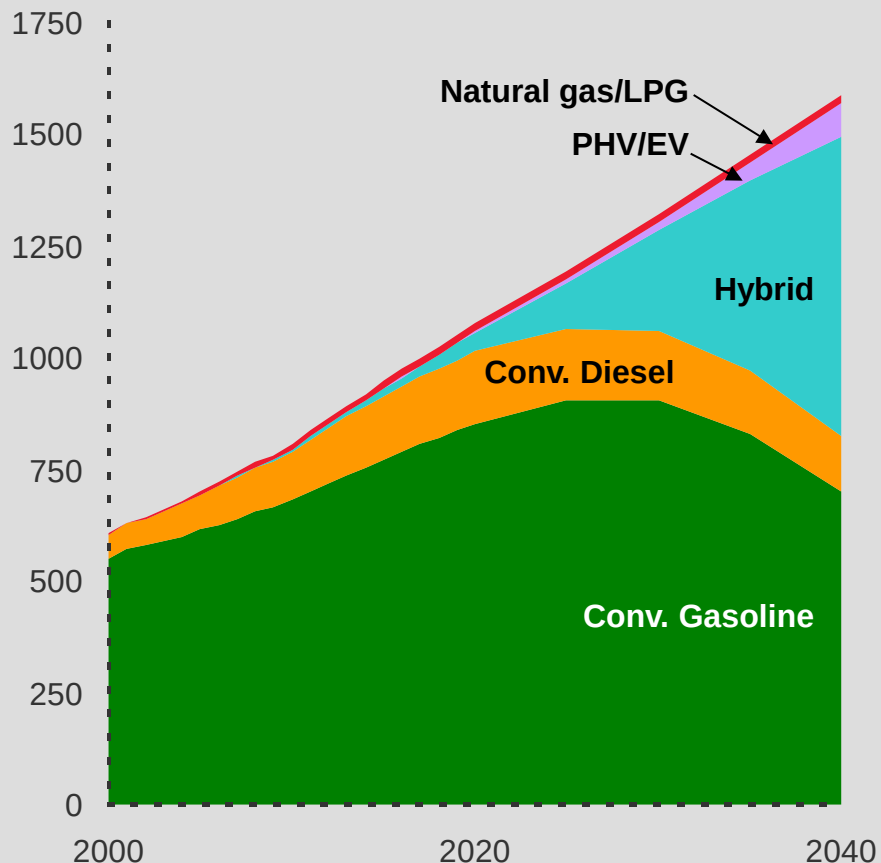
MBDOE



Impact of Global Fleet Shift on Efficiency

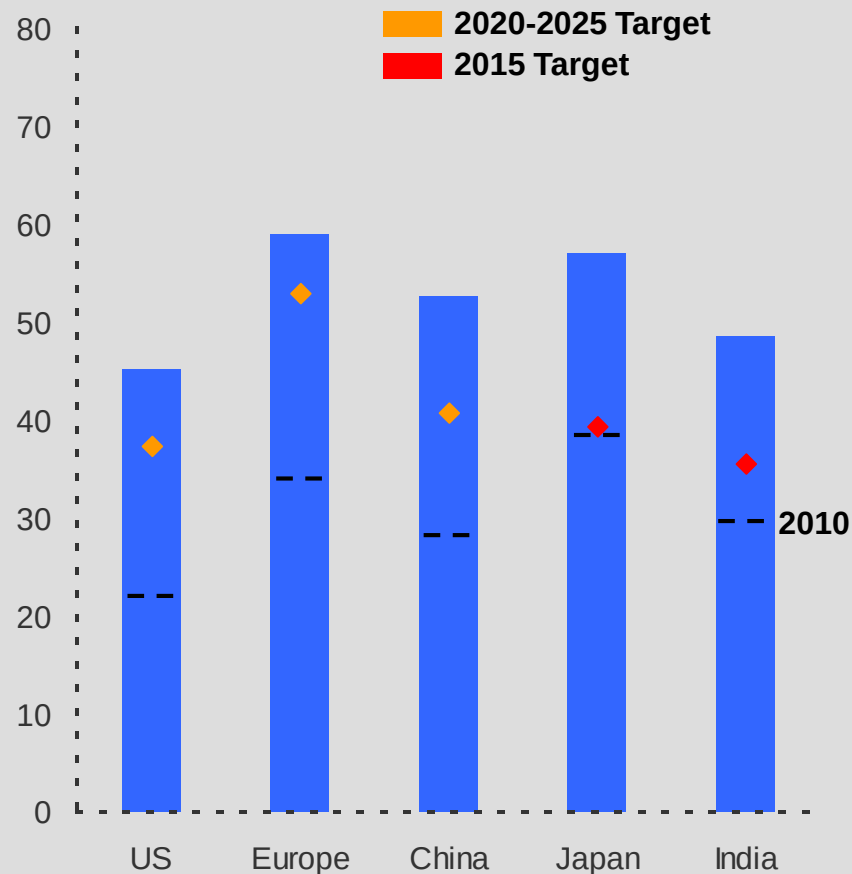
Light Duty Vehicle Fleet by Type

Million Vehicles



Avg New Car Fuel Efficiency in 2040

On-Road MPG

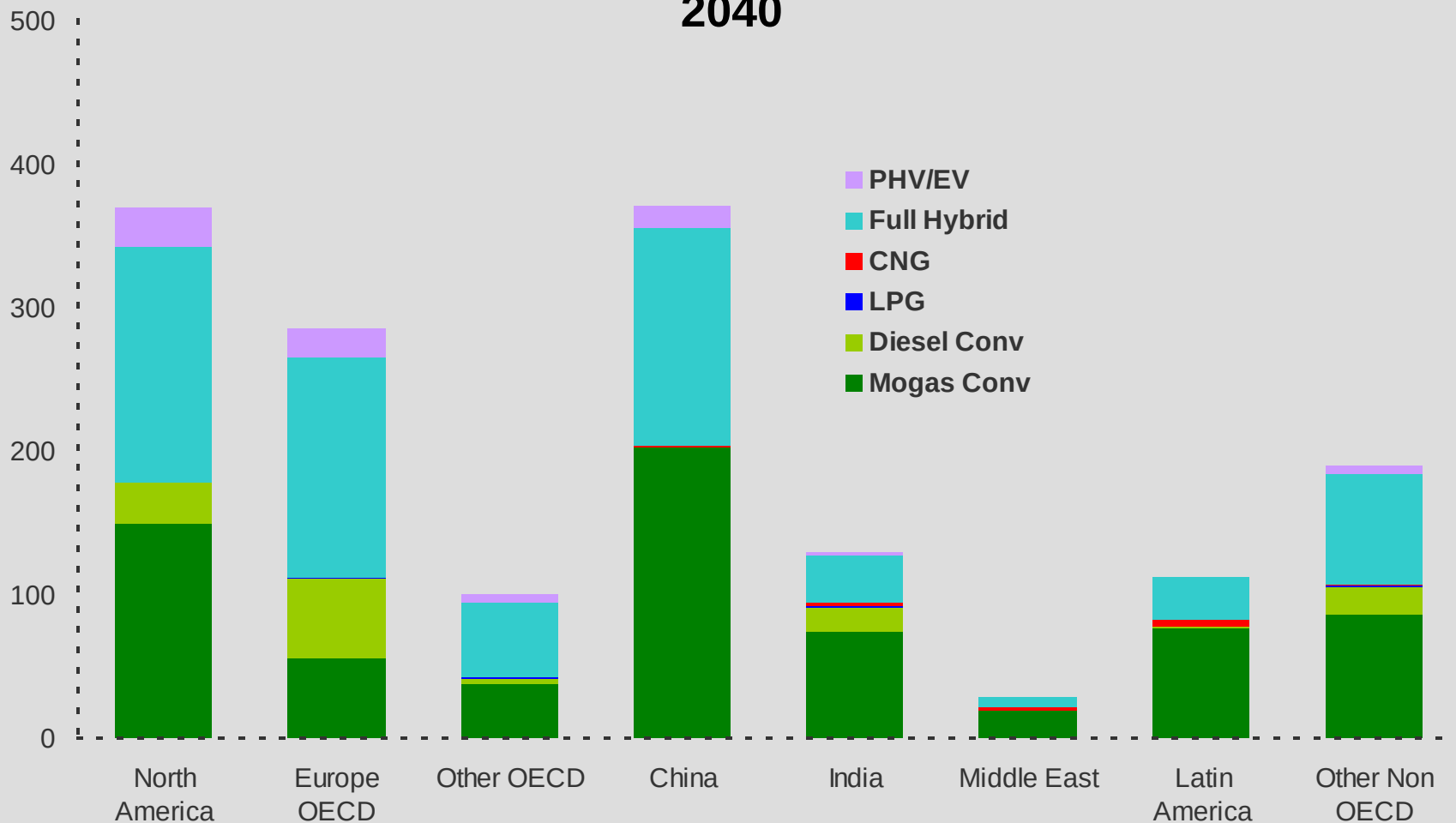


Light Duty Vehicle Fleet Grows, Mix Changes

Powertrain Technology

Millions of Vehicles

2040



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A dramatic industrial scene featuring a worker in silhouette on the left, wearing a hard hat and safety gear. The worker is positioned in front of a large, intense fire that fills the center and right of the frame. A massive spray of bright orange and yellow sparks erupts from the fire, creating a dense, chaotic pattern against the dark background. The overall atmosphere is one of high heat and industrial activity.

Industrial

30%

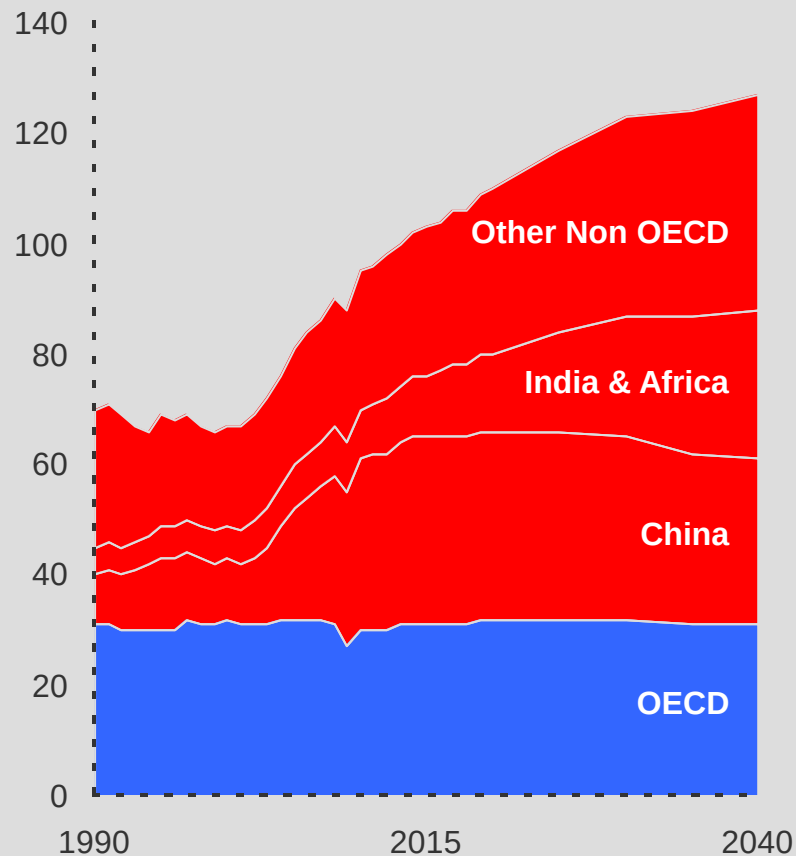
Global Industrial
demand grows by 30%
from 2010 to 2040.

ExxonMobil

Industrial Demand Shift Continues

Heavy Industry *

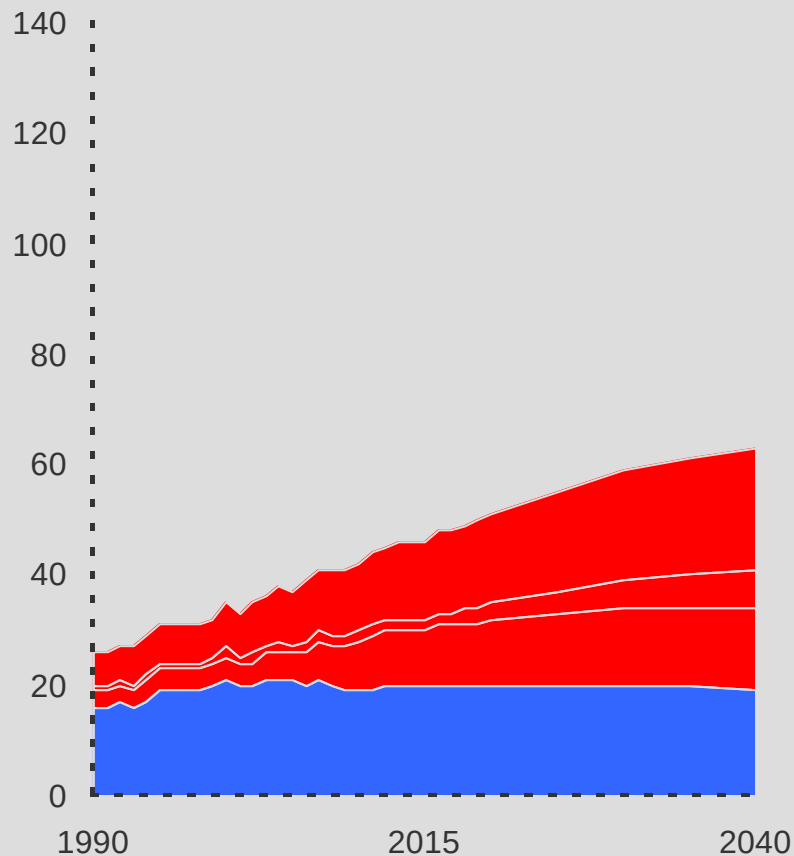
Quadrillion BTUs



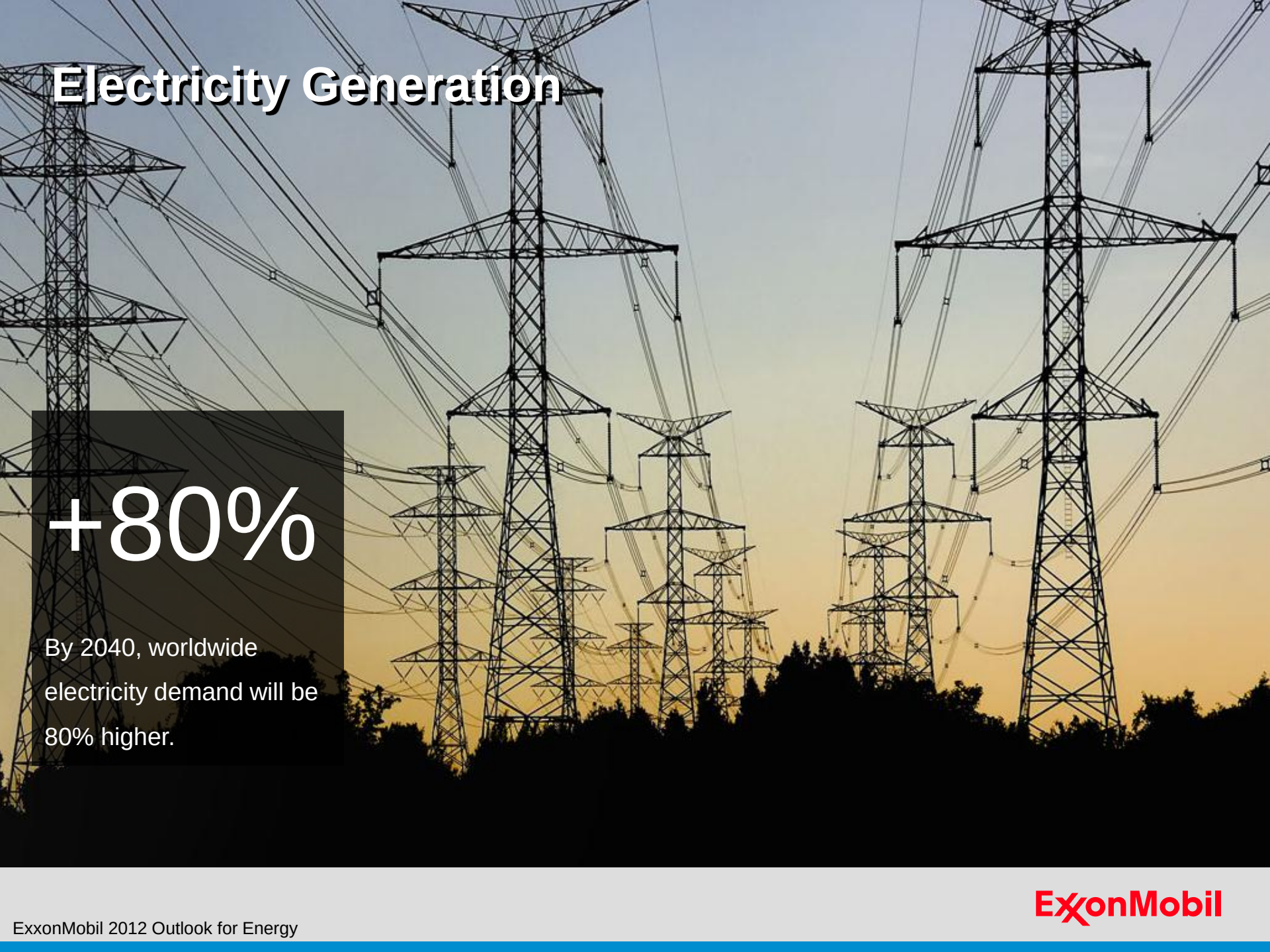
* Steel, Cement and General Manufacturing

Chemicals

Quadrillion BTUs



Electricity Generation



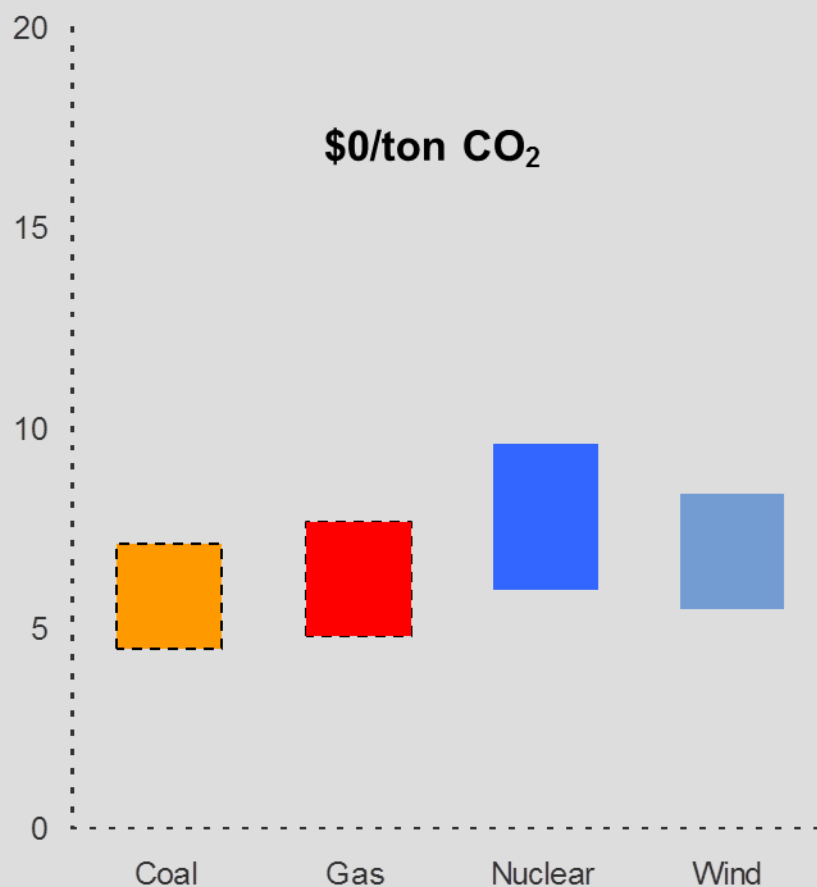
+80%

By 2040, worldwide
electricity demand will be
80% higher.

Power Generation Mix Evolves

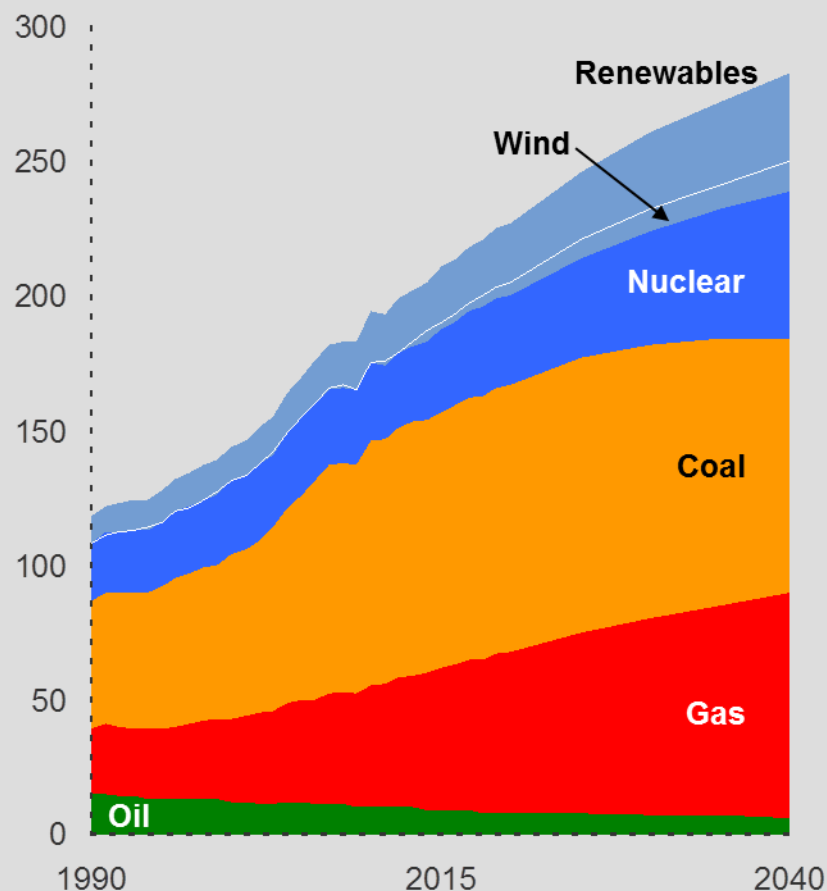
Baseload, Startup 2030

2011 cents/kWh



Fuel Into Electricity Generation

Quadrillion BTUs

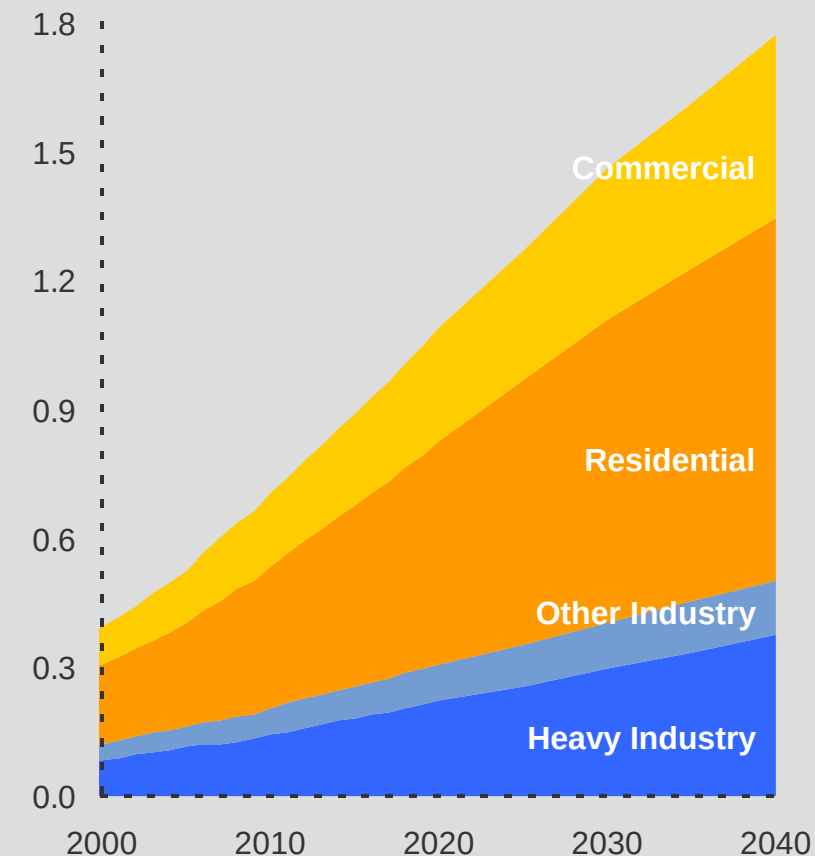


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Middle East Electricity

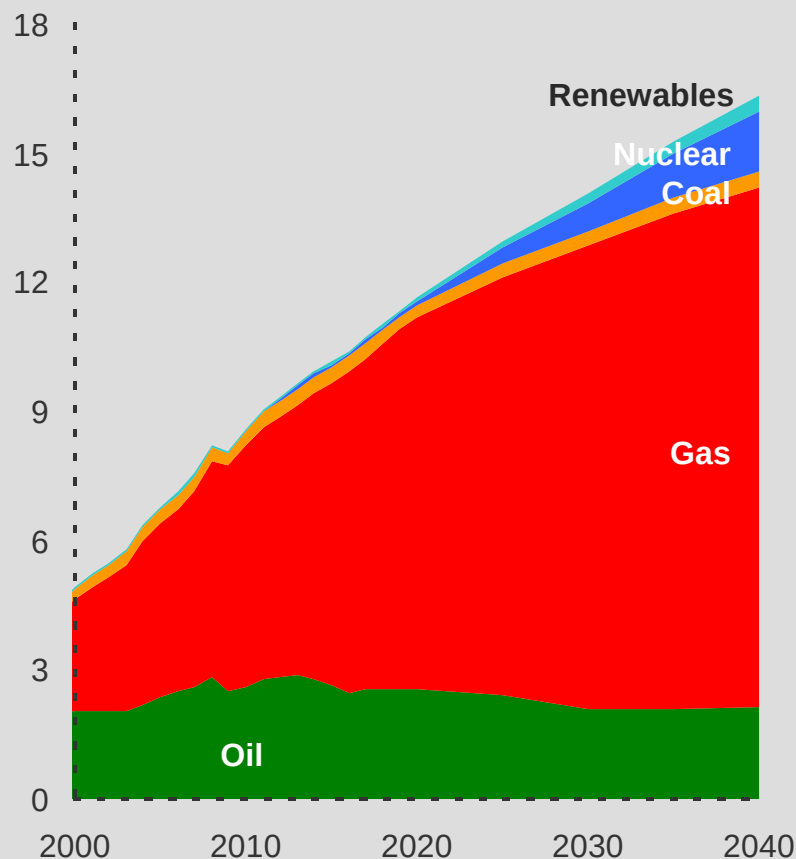
Electricity Demand

k TWh



Electricity Generation by Fuel

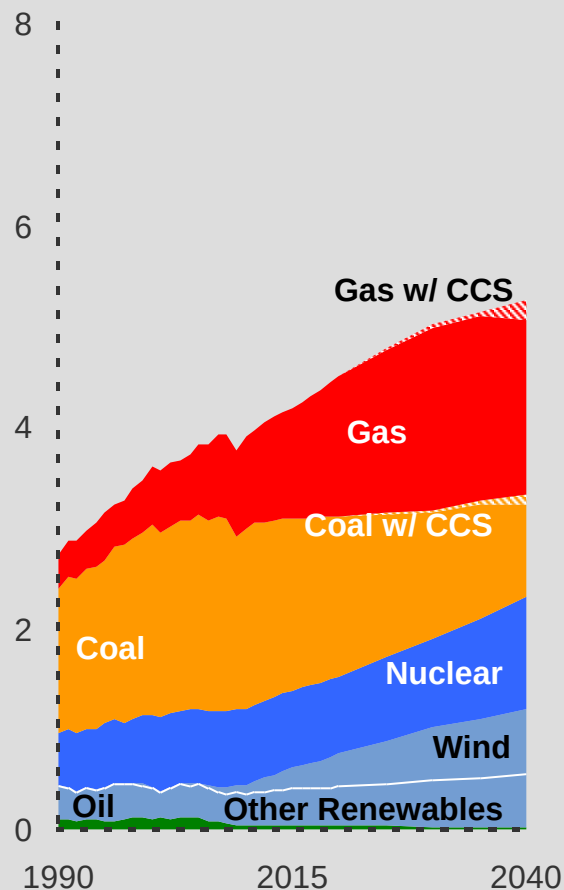
Quadrillion BTUs



Electricity Supply Varies Globally

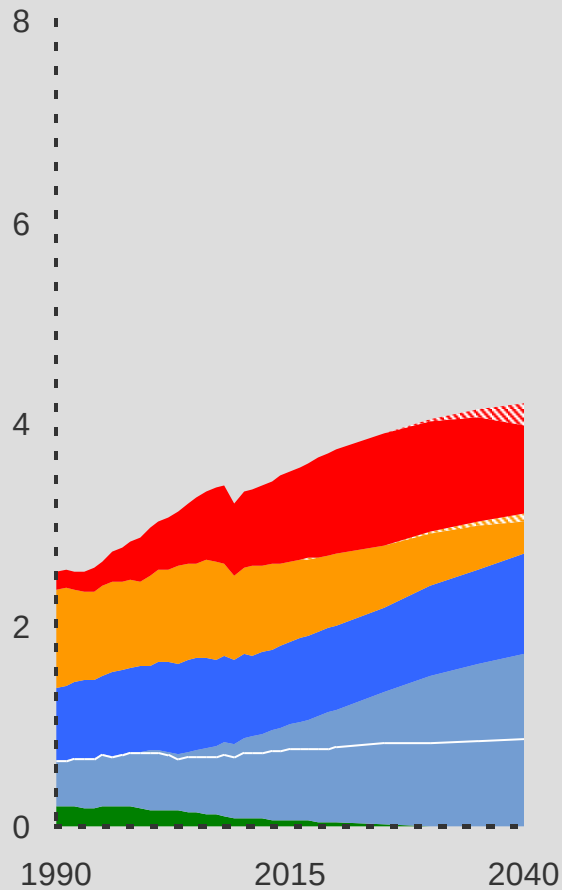
United States

k TWh



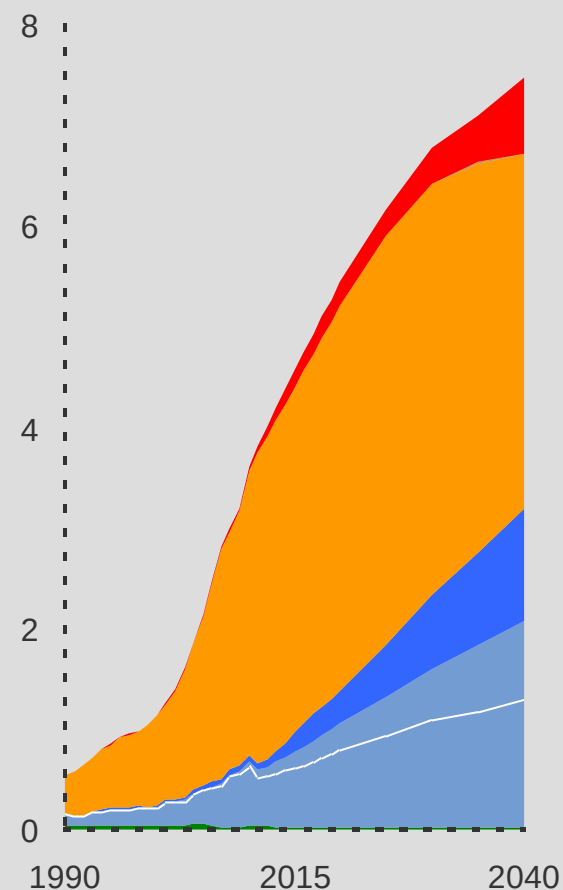
Europe

k TWh



China

k TWh



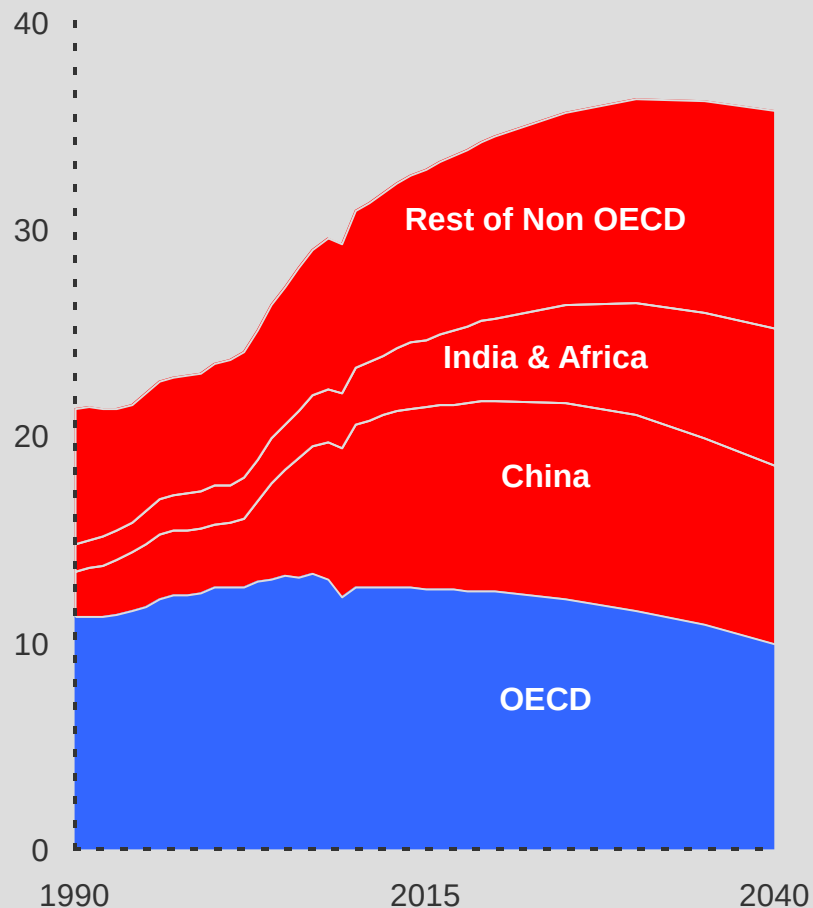
* Generation by Type

ExxonMobil

CO₂ Emissions Plateau

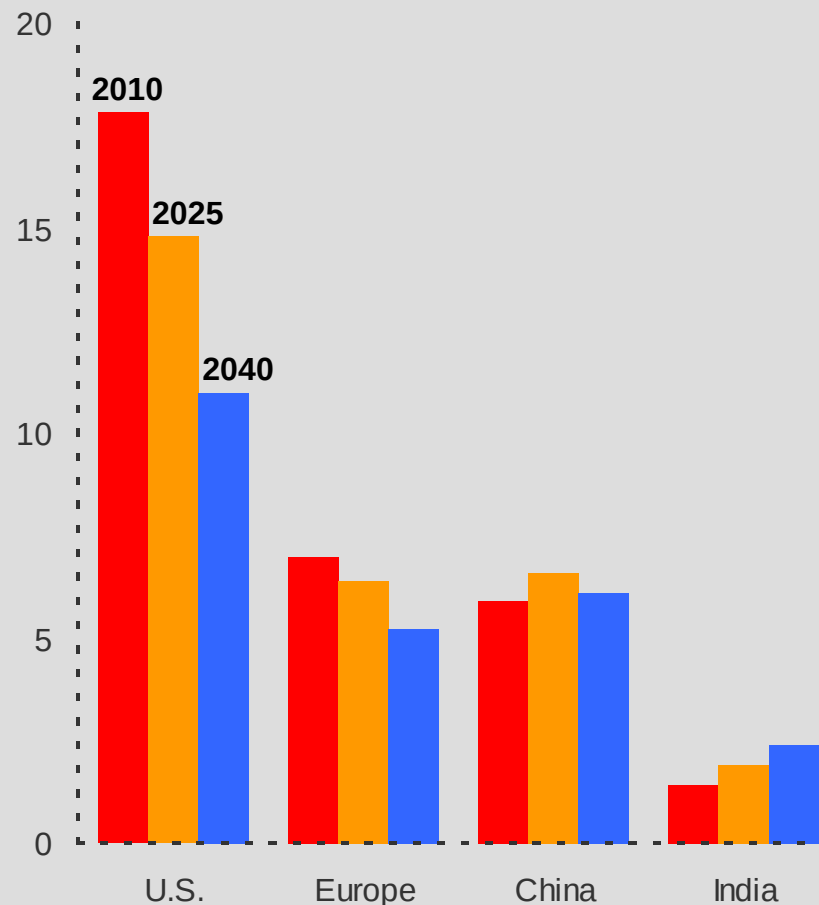
By Region

Billion Tons



Emissions per Capita

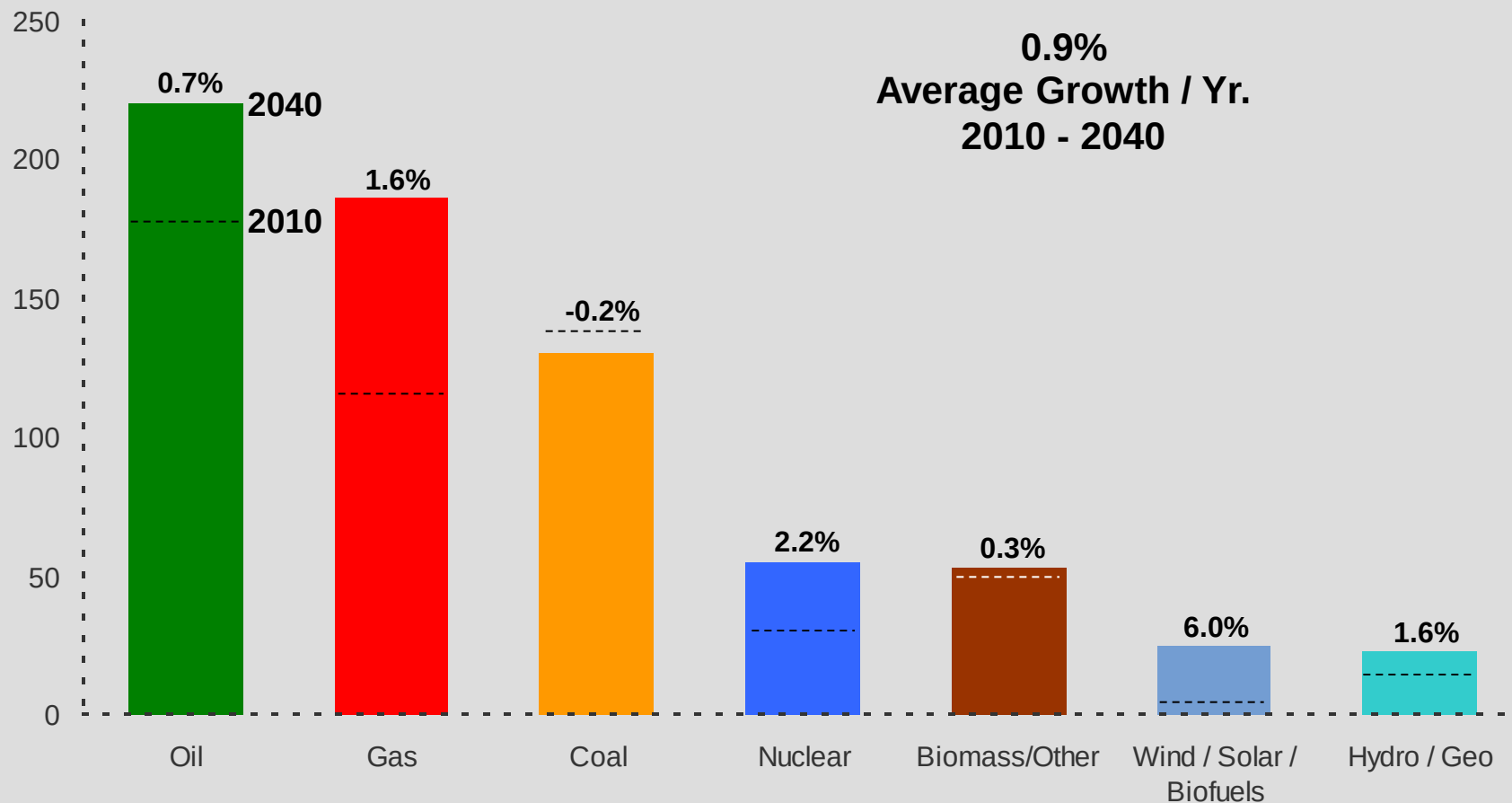
Tons per Person



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Energy Mix Continues to Evolve

Quadrillion BTUs



Supply

By 2040

60%

of global demand will be
supplied by oil & gas.

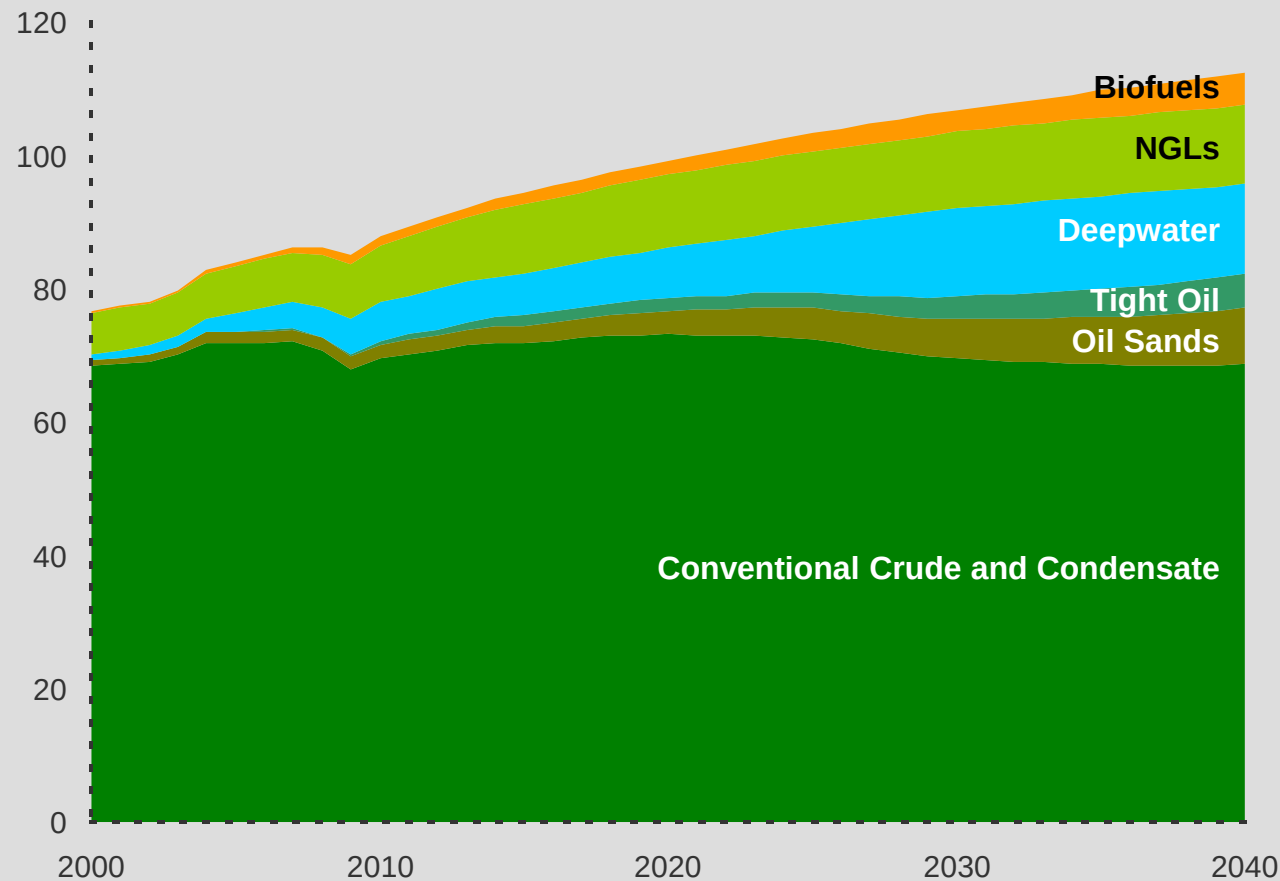


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Liquids Supply Continues to Diversify

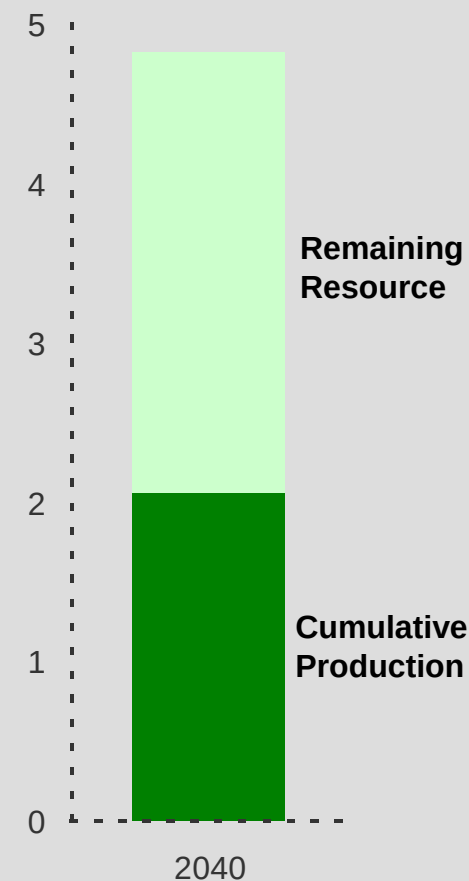
Liquids Supply

MBDOE



Resource *

TBO



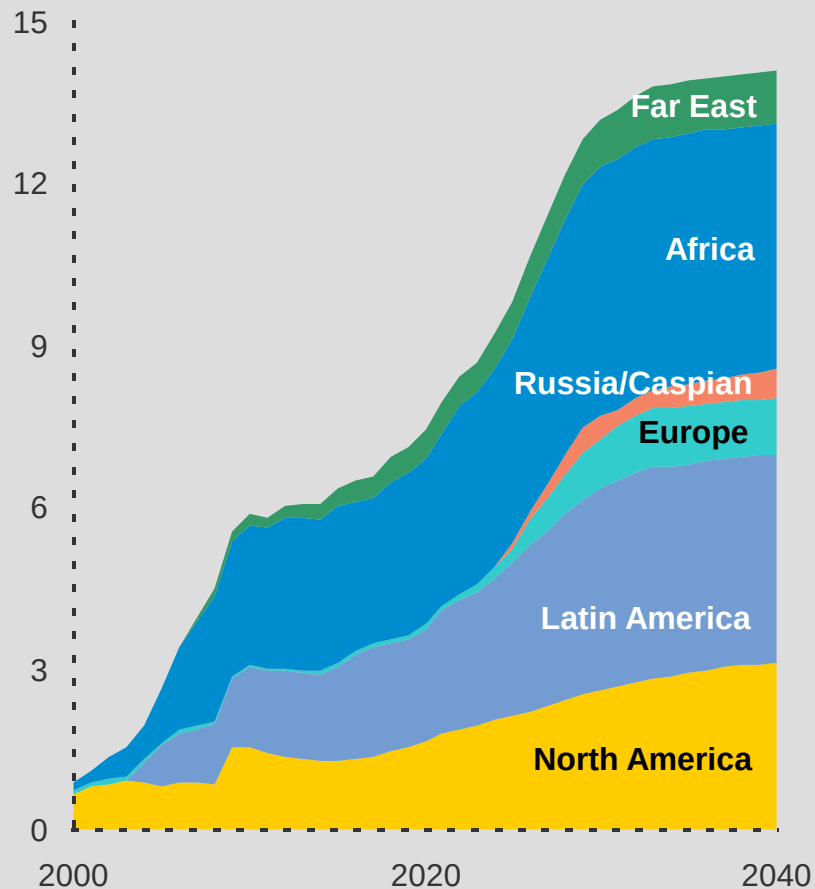
* Source: Total resource from IHS Inc. The use of this content was authorized in advance by IHS.

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Technology Driven Supplies Expand Globally

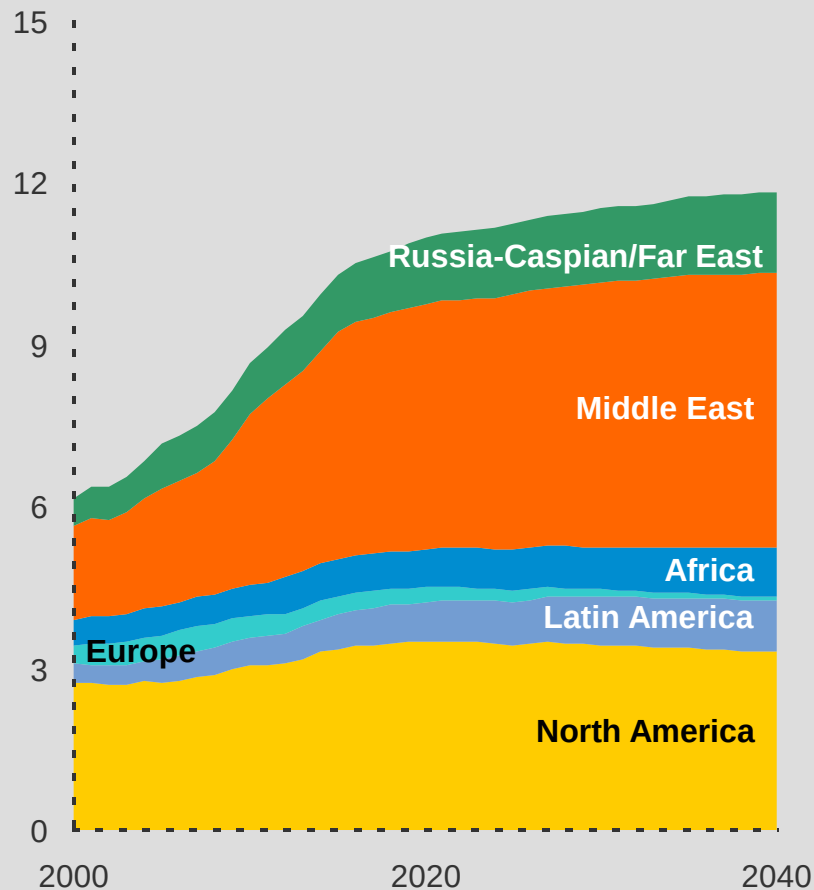
Deepwater by Region

MBDOE



NGL by Region

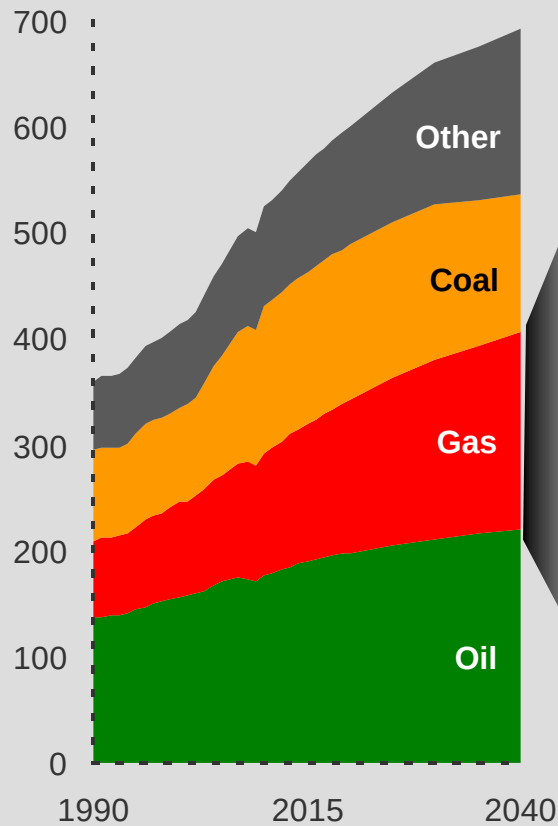
MBDOE



Natural Gas Grows in All Areas

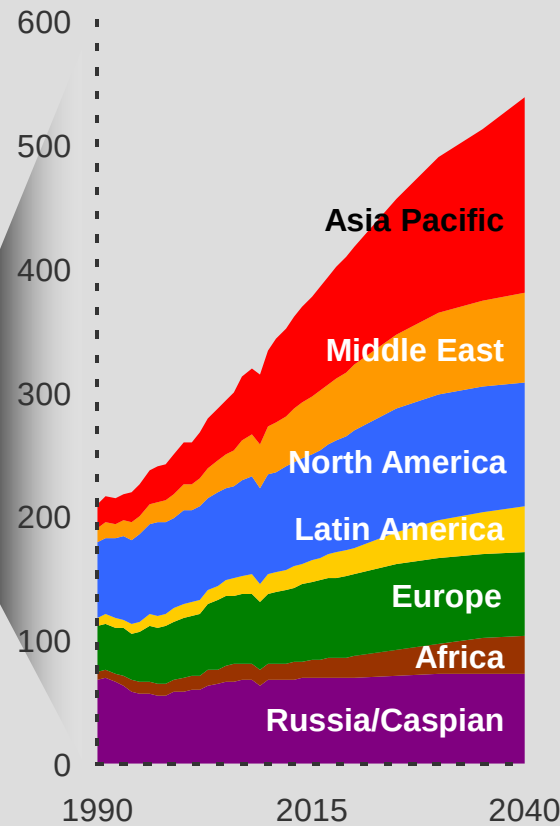
Demand

Quadrillion BTUs



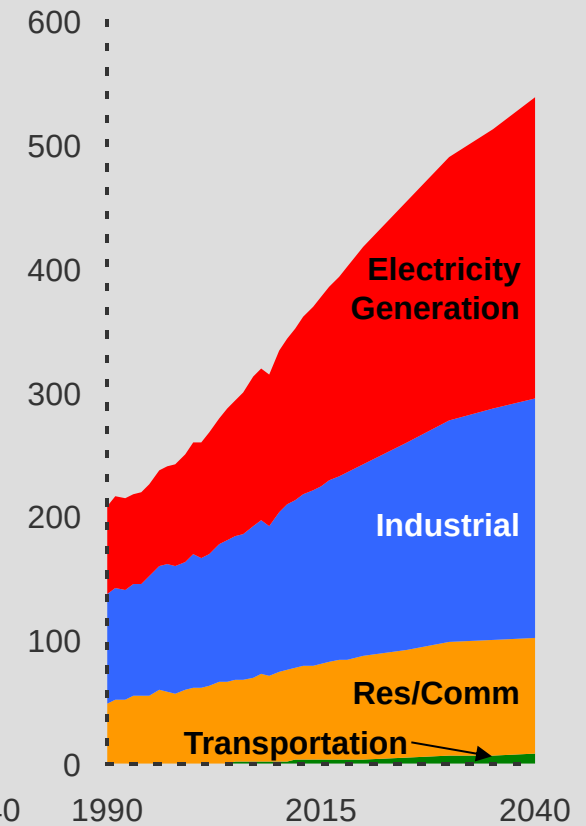
By Region

BCFD

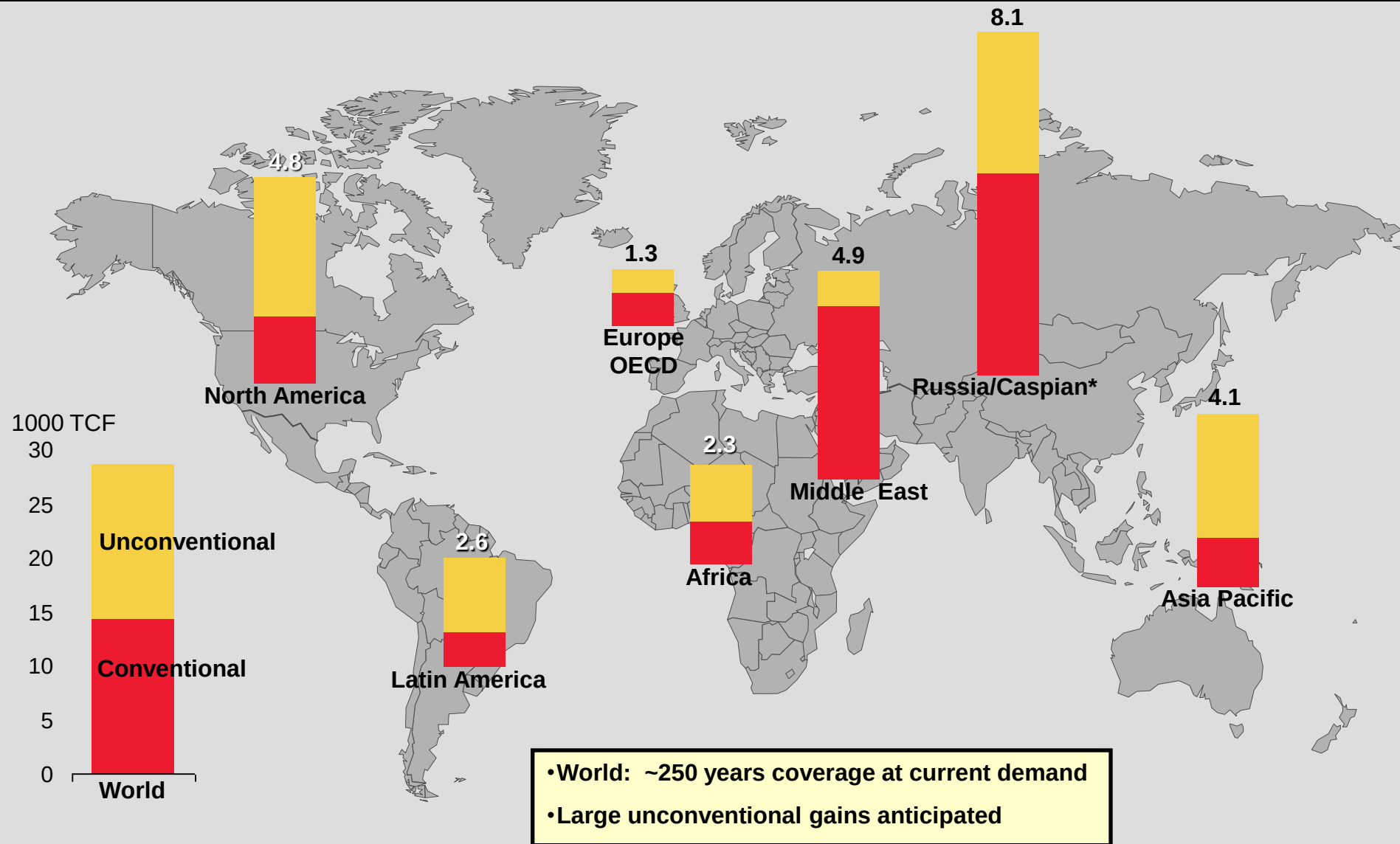


By Sector

BCFD



Global Gas Resource

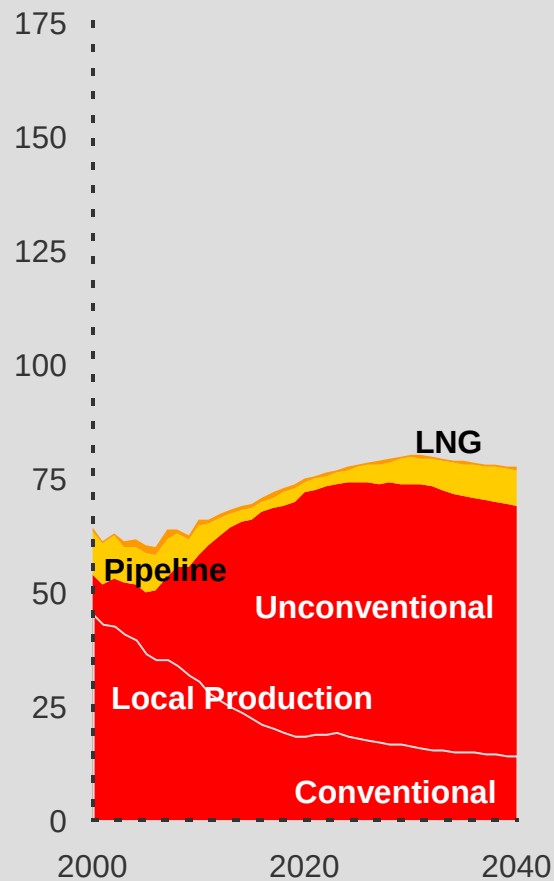


Source: IEA; * Includes Europe Non OECD

Gas Supply Grows and Diversifies

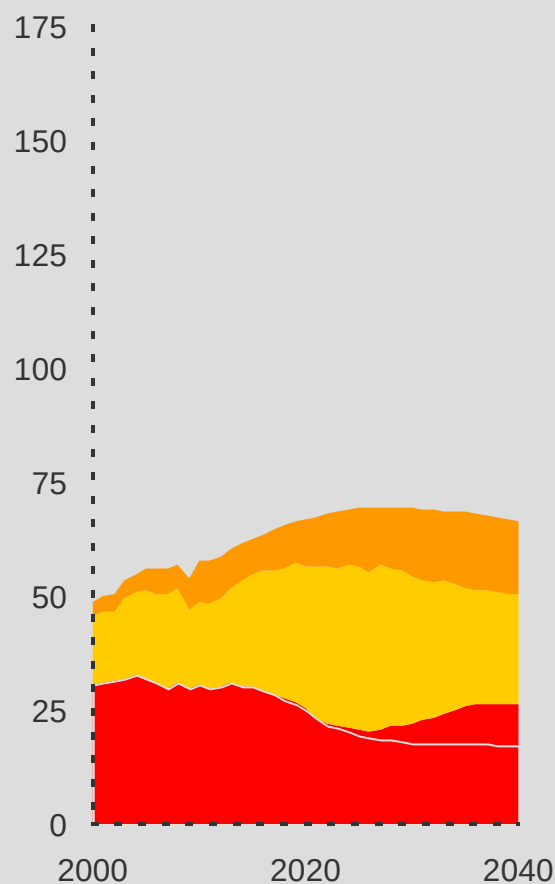
United States

BCFD



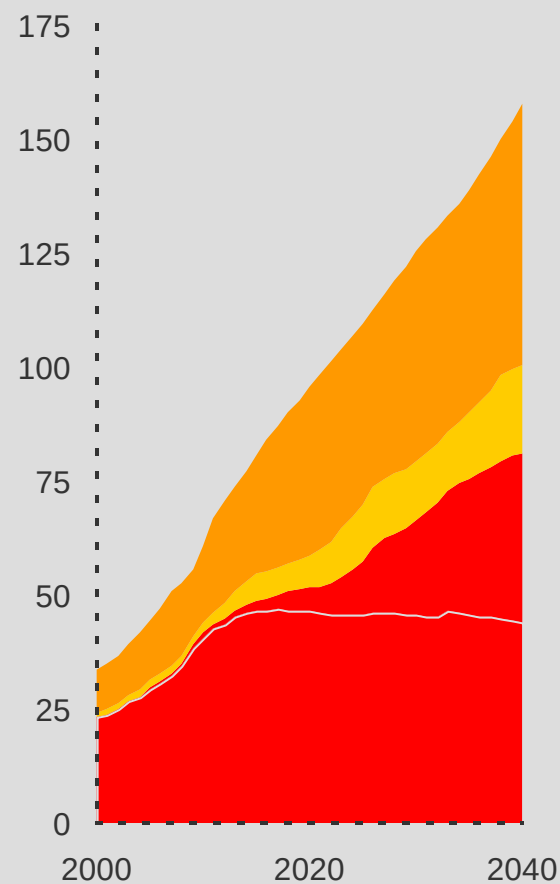
Europe

BCFD



Asia Pacific

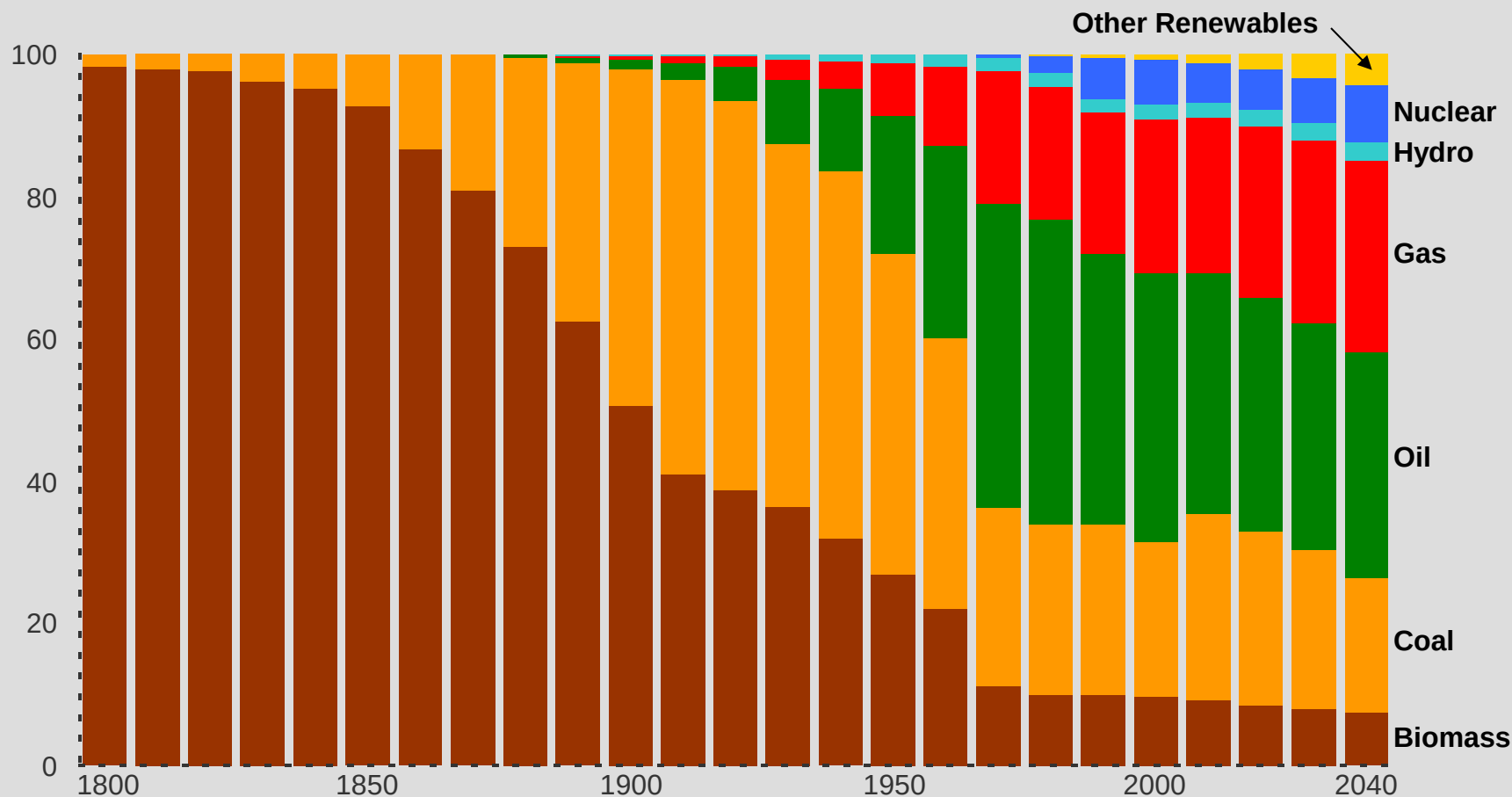
BCFD



Energy Use Evolves Over Time

Global Percent Mix of Fuels

Percent



Source: Smil, *Energy Transitions* (1800-1960)

ExxonMobil

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