Aspen Energy Policy Forum

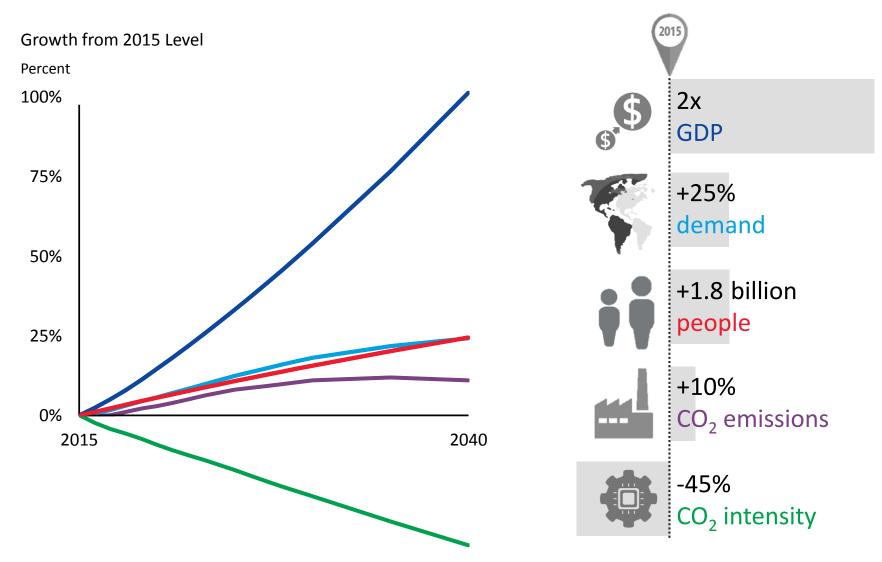
Peter W. Trelenberg Manager, Environmental Policy & Planning July 24, 2017

The Outlook for Energy includes Exxon Mobil Corporation's internal estimates and forecasts of energy demand, supply, and trends through 2040 based upon internal data and analyses as well as publicly available information from external sources including the International Energy Agency. Work on the report was conduced throughout 2016. This presentation includes forward looking statements. Actual future conditions and results (including energy demand, energy supply, the relative mix of energy across sources, economic sectors and geographic regions, imports and exports of energy) could differ materially due to changes in economic conditions, 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 <u>www.exxonmobil.com</u>. This material is not to be used or reproduced without the permission of Exxon Mobil Corporation. All rights reserved.

ExonMobil

HIT I'L - I I I.I.I.

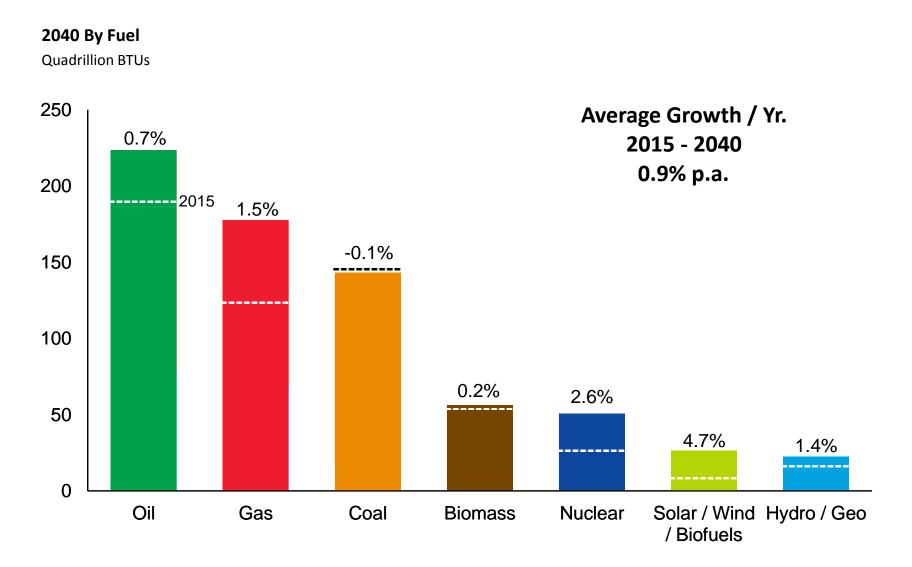
Global Trends Continue to Evolve



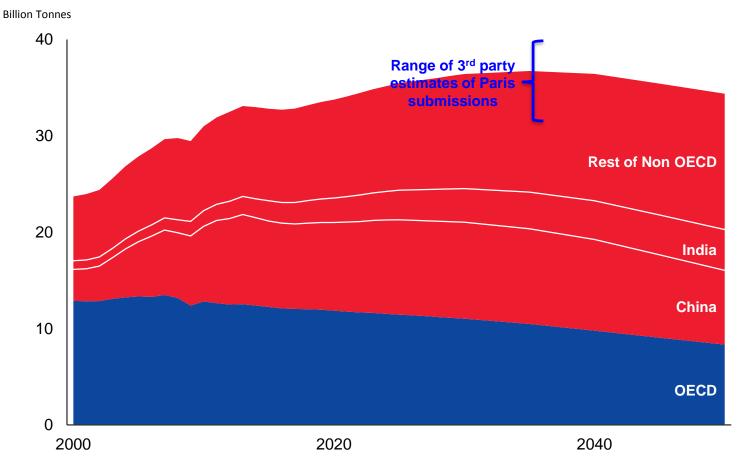
E‰onMobil

ExxonMobil 2017 Outlook for Energy

Global Demand



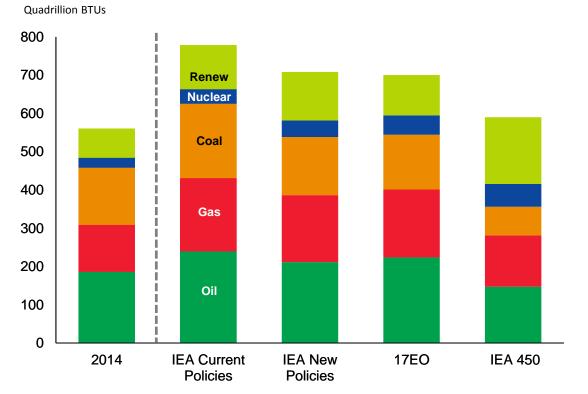
Energy-related CO₂ Emissions Peak in 2030s



Sources: ExxonMobil 2017 Outlook for Energy; UNFCCC COP21 Synthesis Report 2015, EM analysis

ExxonMobil Energy Outlook vs IEA Scenarios

2040 IEA Comparison

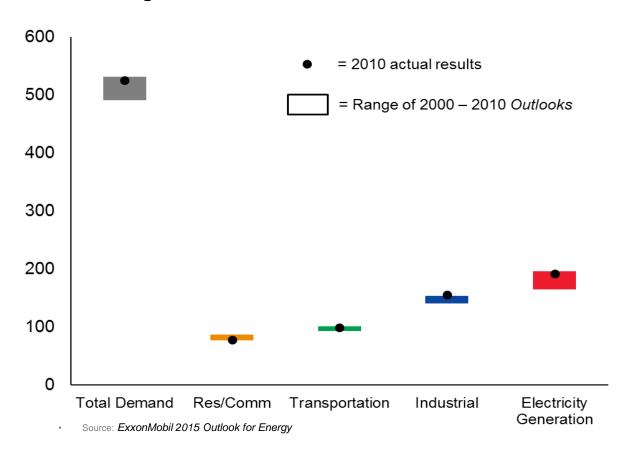


Source: Estimates based on IEA World Energy Outlook 2016, including adjustments to common units, ExxonMobil 2017 Outlook for Energy

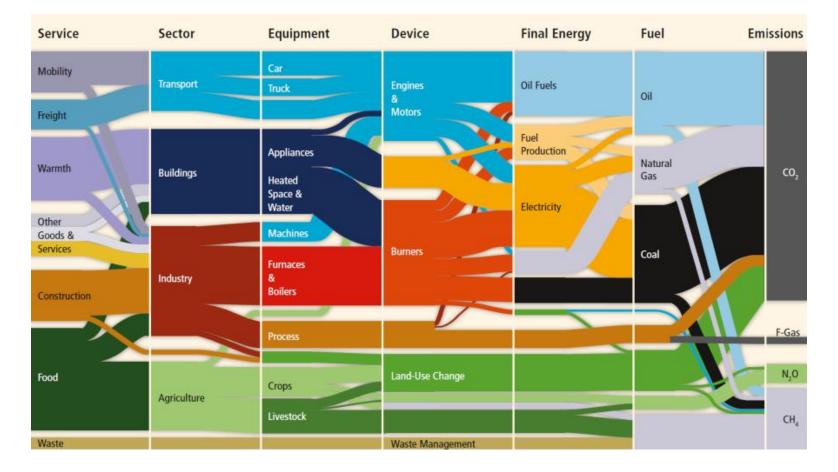
ExonMobil

2000 through 2010 EM Energy Outlooks Estimates of 2010 World Energy Demand

Worldwide Primary Energy Range of Estimates vs. Actual Results for 2010

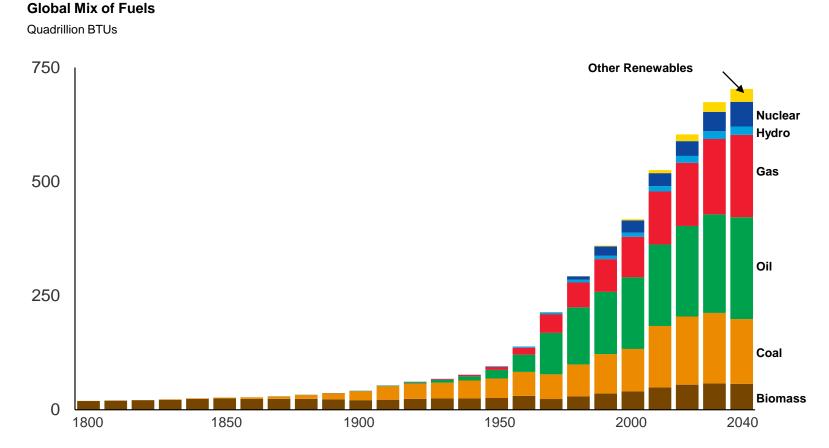


Complexity and Scale Limit Rate of Change



Source: IPCC AR5 WG3, Ch 10 (2014)

Complexity and Scale Limit Rate of Change



Source: Smil, Energy Transitions (1800-1960), ExxonMobil 2017 Outlook for Energy

