



Energy Outlook

2018 Outlook for Energy: A View to 2040

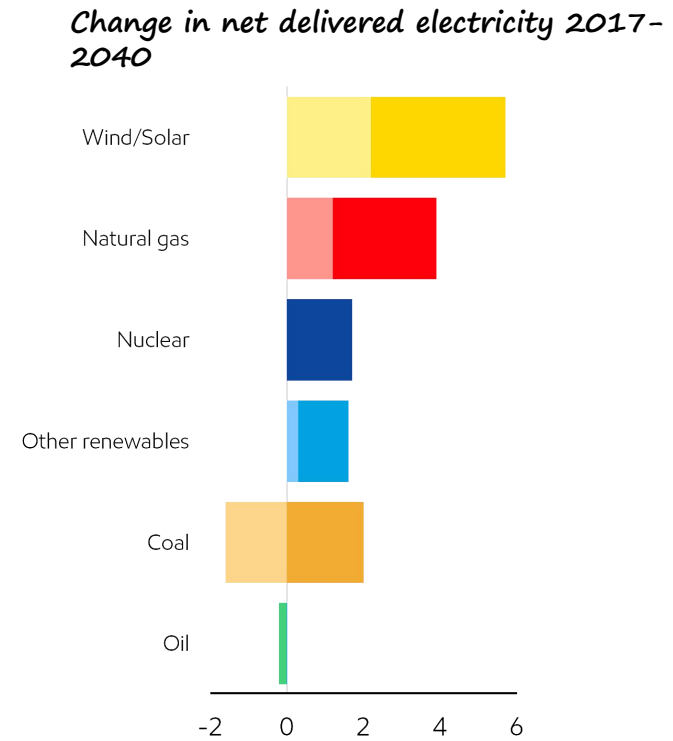
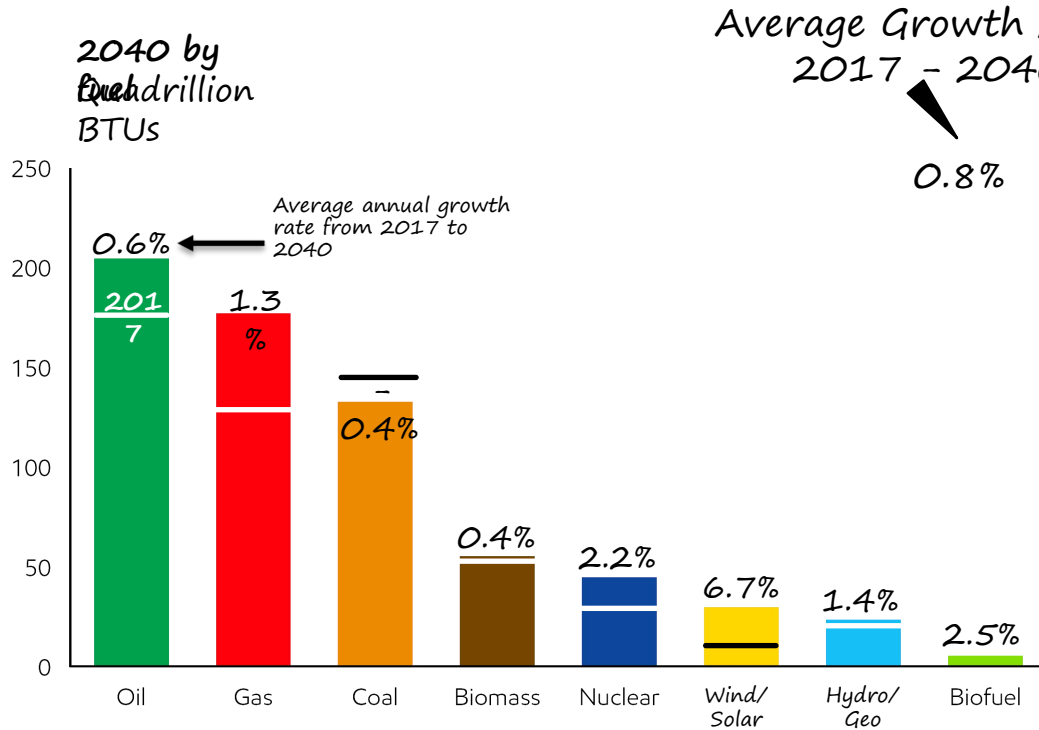
Natural Gas – Partner for China’s Transition to a Clean Energy Future

CPCIC, Sept. 19, 2019

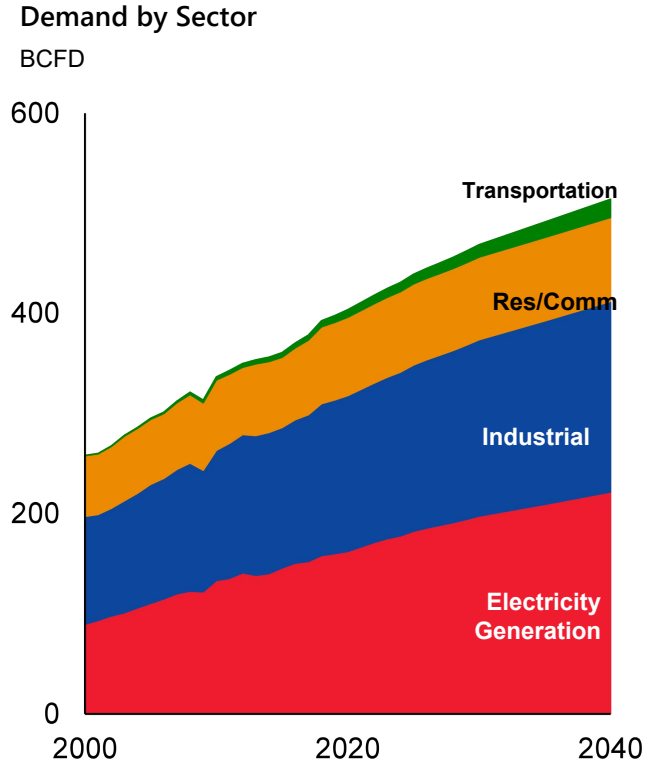
Mabel Leung
President – China Gas
Marketing

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 conducted throughout 2017. This presentation includes forward looking statements. Actual future conditions and results (including energy demand, energy supply, the relative mix of energy across sources, economic growth, and geographic regional imports and exports of energy) could differ materially due to many factors, including: the rate of oil price, the development of new energy sources, political events, technology changes, and other factors discussed herein and under the heading "Factors Affecting Future Results" in the Investor's section of our website at www.exxonmobil.com. This material is not to be used or reproduced without the permission of Exxon Mobil Corporation. All rights reserved.

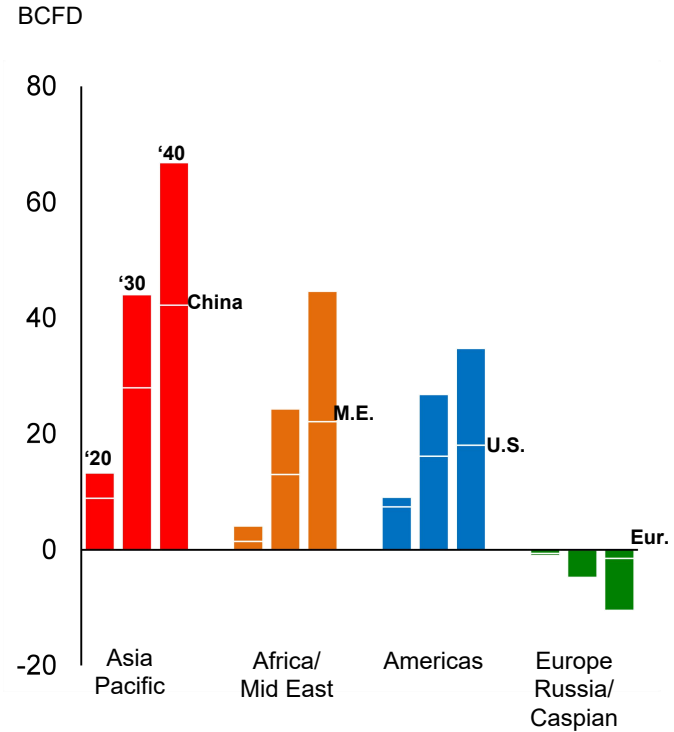
Global Energy Demand



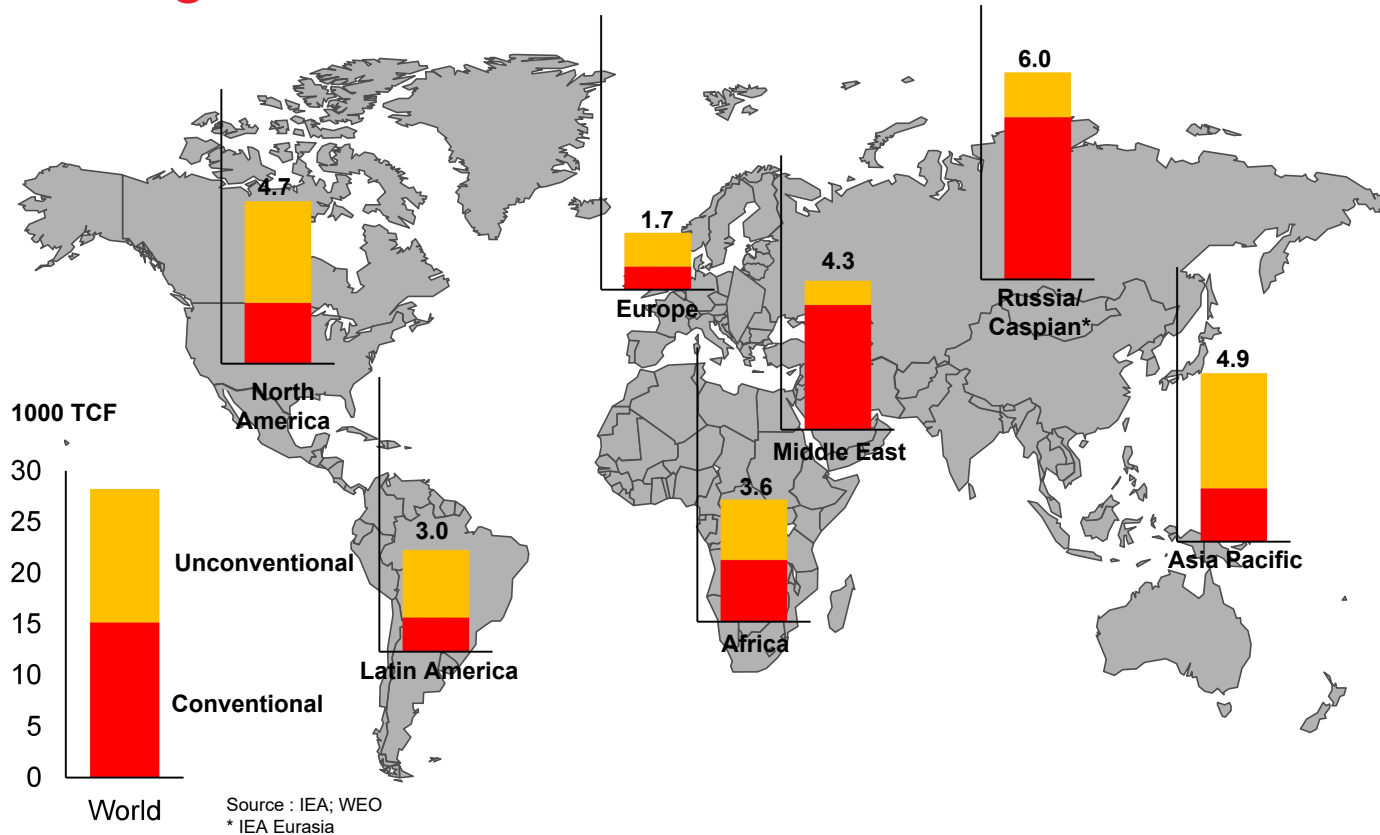
Global Gas Demand



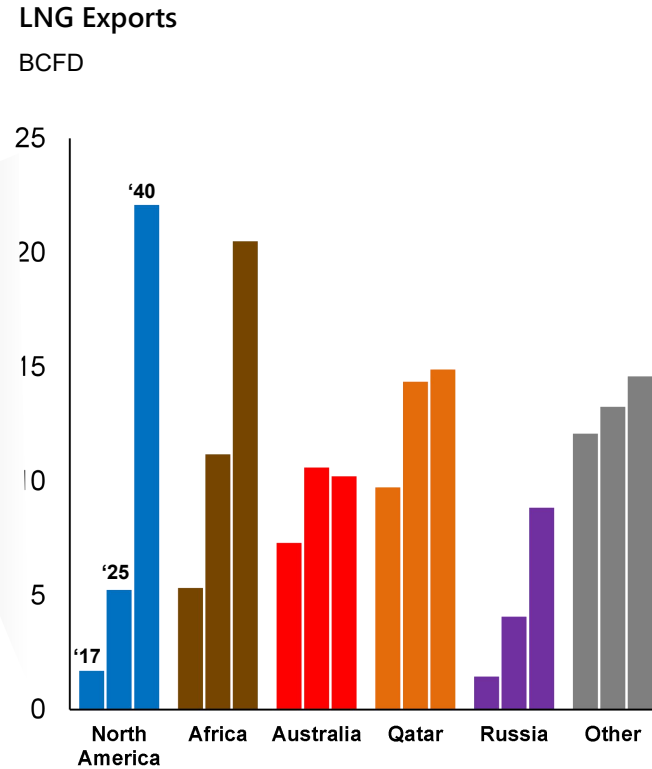
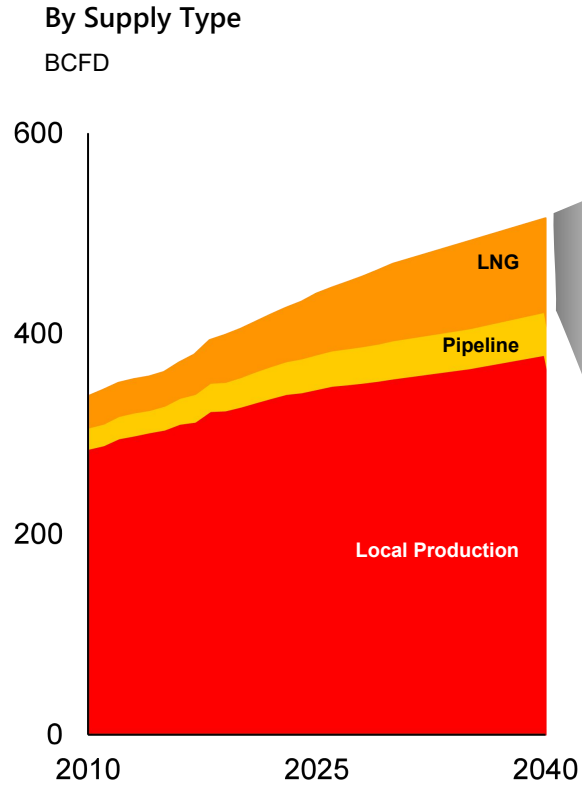
Growth from 2017



Remaining Global Gas Resource

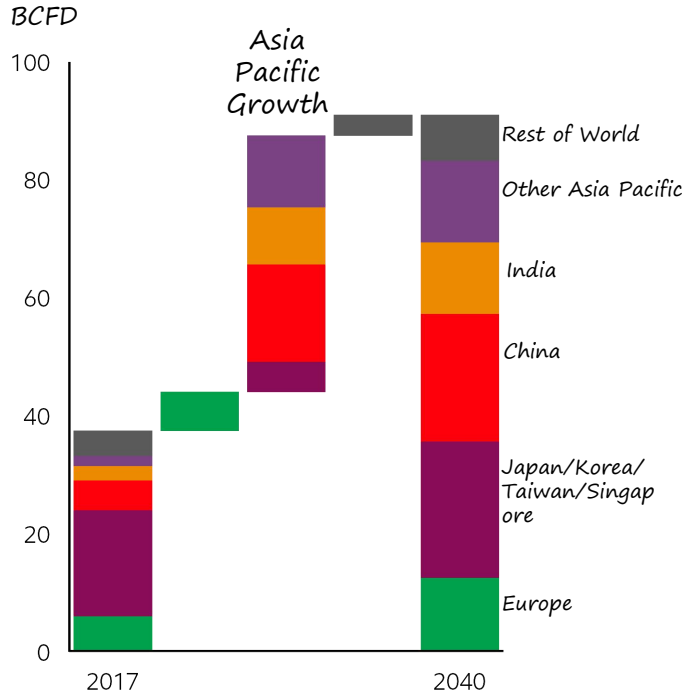


Natural Gas Trade

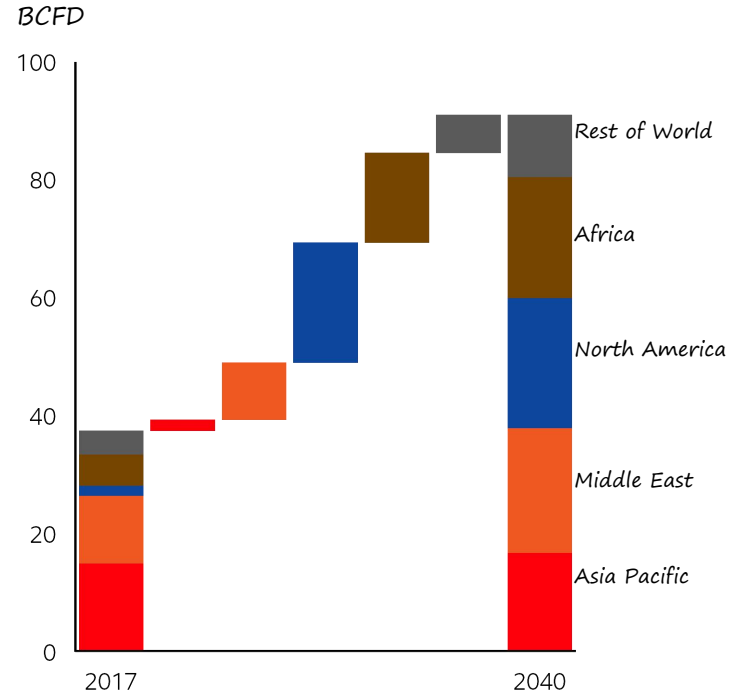


LNG trade grows and diversifies further

Europe and Asia Pacific dominate LNG imports

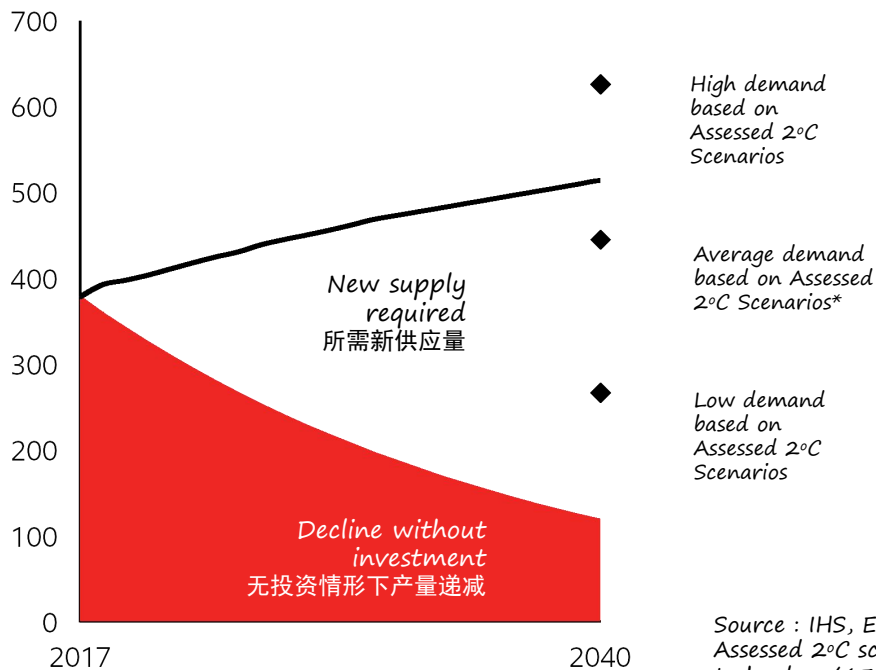


Abundant gas supplies underpin new LNG exports



Significant investments needed to meet demand

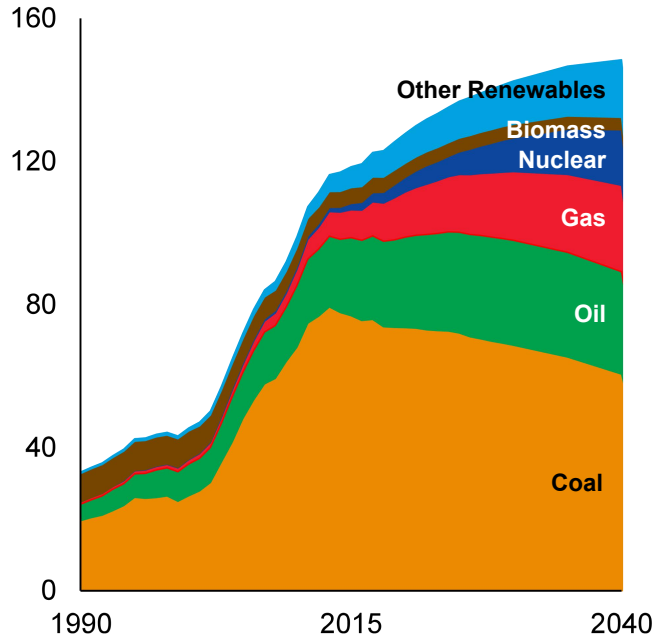
Global Gas Supply and Demand



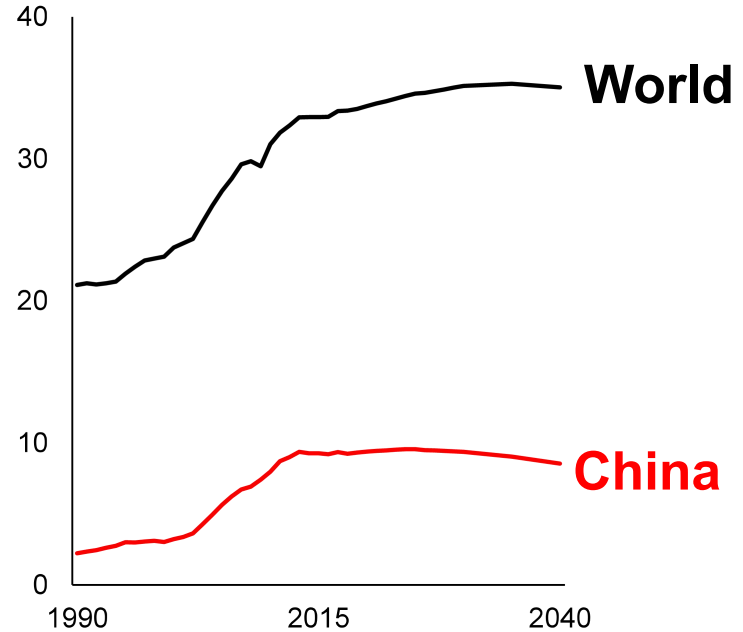
Source : IHS, EM analyses
Assessed 2°C scenarios based on EMF27 full
technology/450ppm cases targeting a 2°C pathway

Emissions Peak as China Shifts to Lower Carbon Fuels

Primary Energy
Quadrillion BTUs



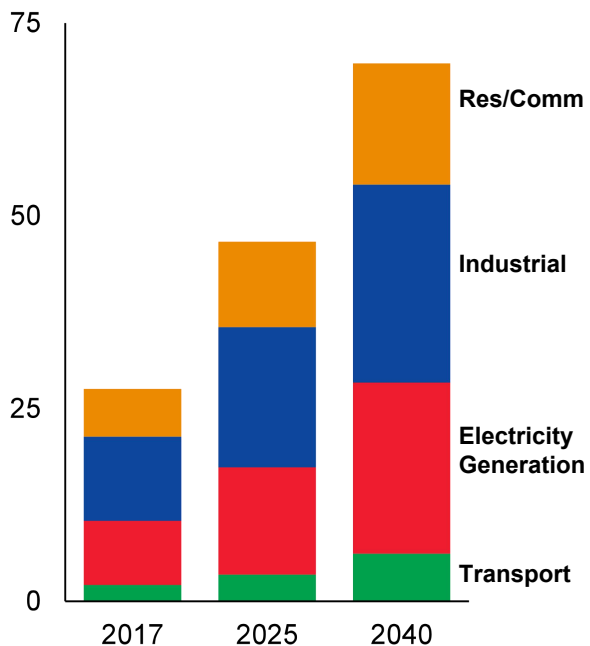
Emissions
Billion Tonnes CO₂



China's Gas Demand Grows Rapidly; Supply Diversifies

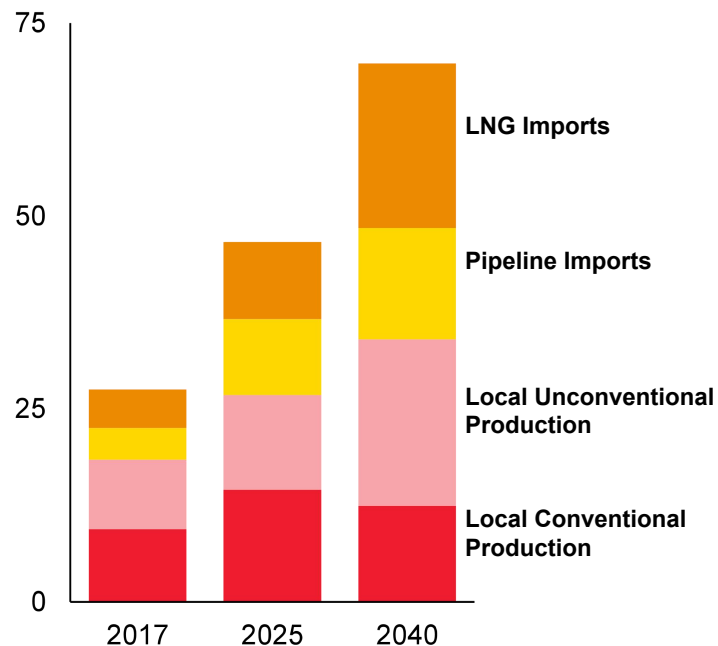
Gas Demand by Sector

BCFD

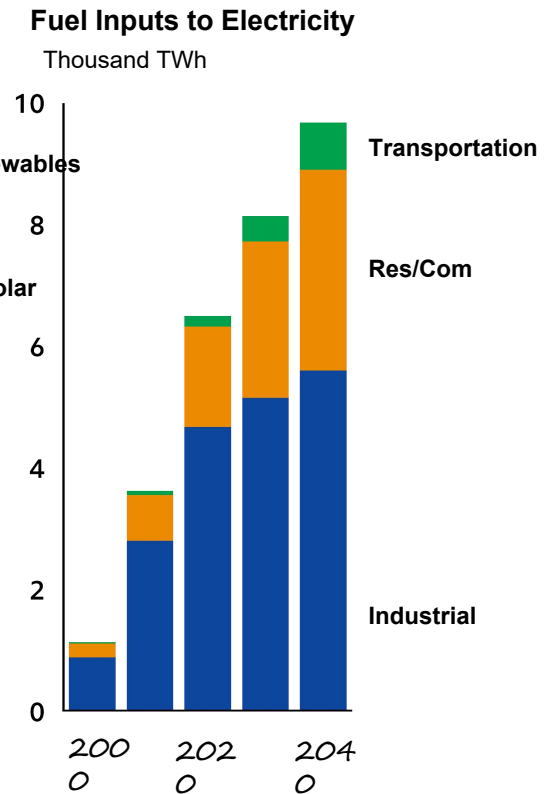
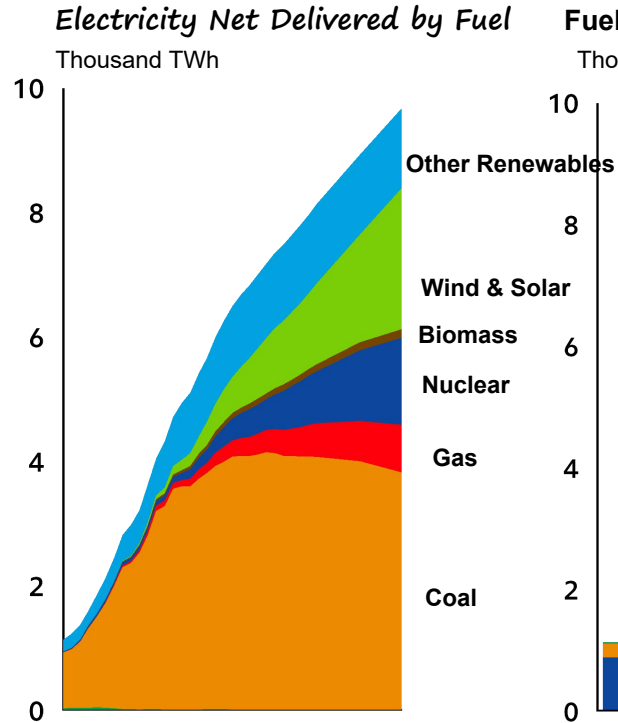
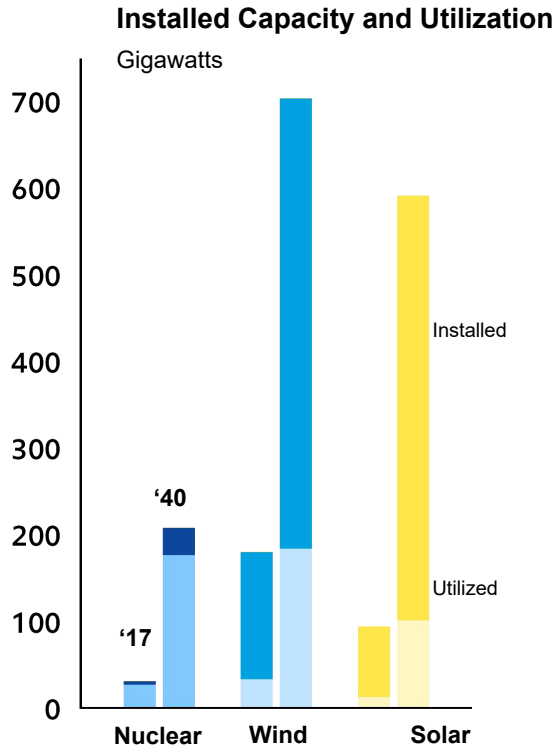


Gas Demand by Supply Type

BCFD 10亿立方英尺/日



China's Electric Generation Mix Diversifies



IEA China Market Liberalization Study Recommendations



Transparency

Deregulate the price and price index

Liberalising the upstream sector

Role of the regulator: to ensure the market rules are not violated and increase transparency

Manage the transition process

Price deregulation

Enhance international cooperation

Thank you!