Oil Supply Perspectives

February 2016

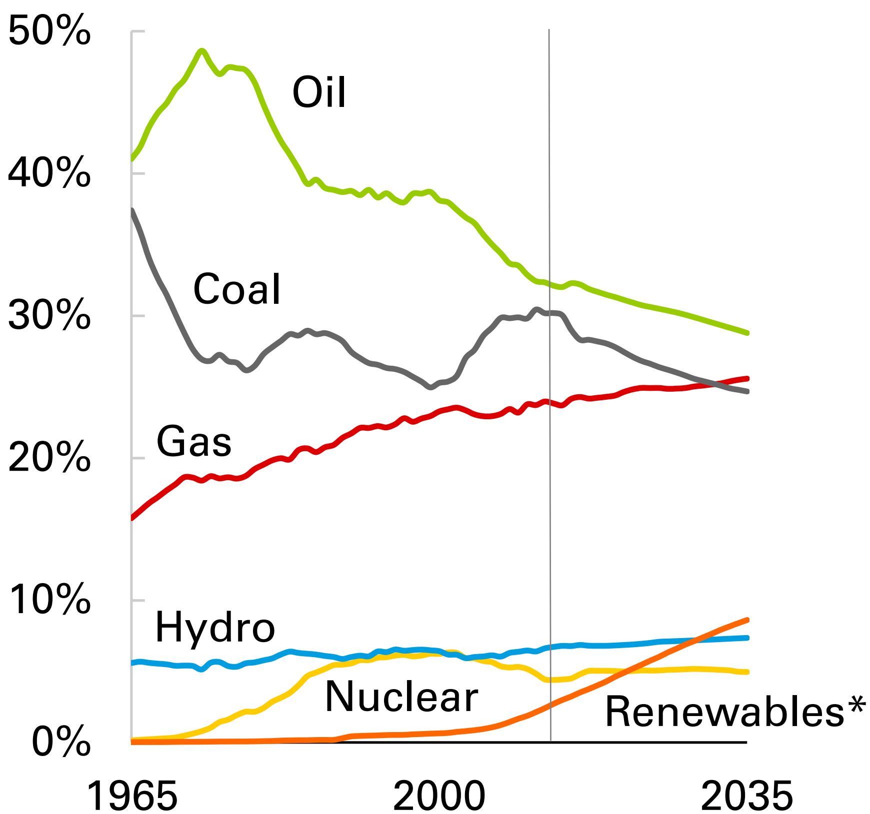
Mark Finley

bp.com/energyoutlook

#BPstats

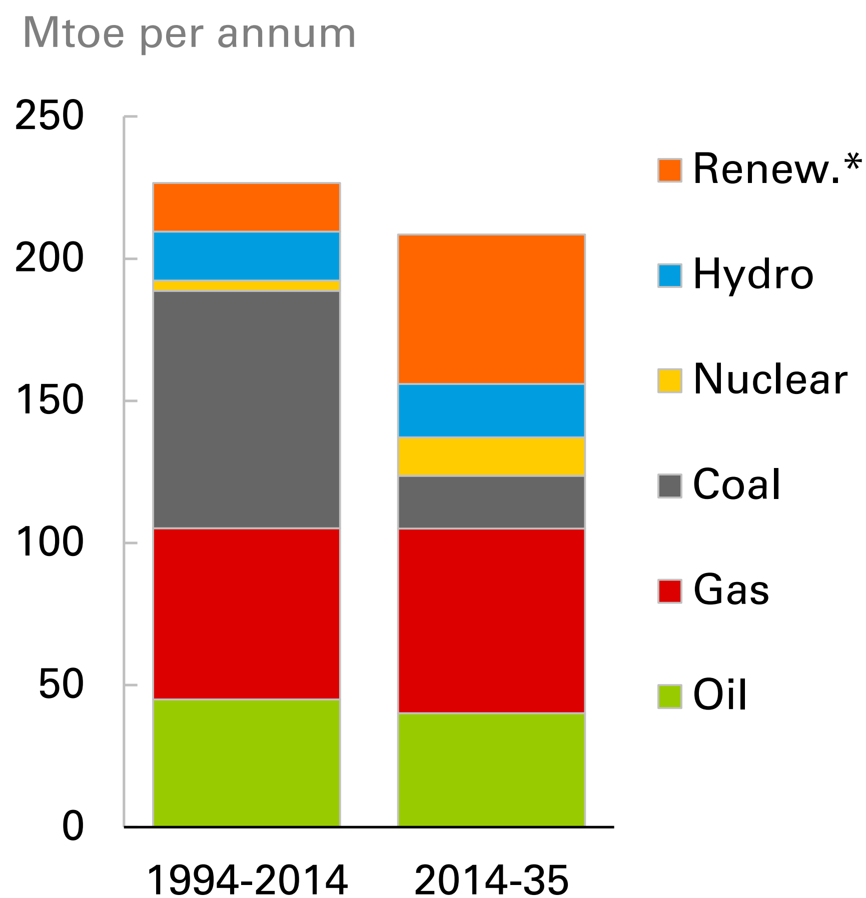
Some perspective on the global energy mix

Shares of primary energy

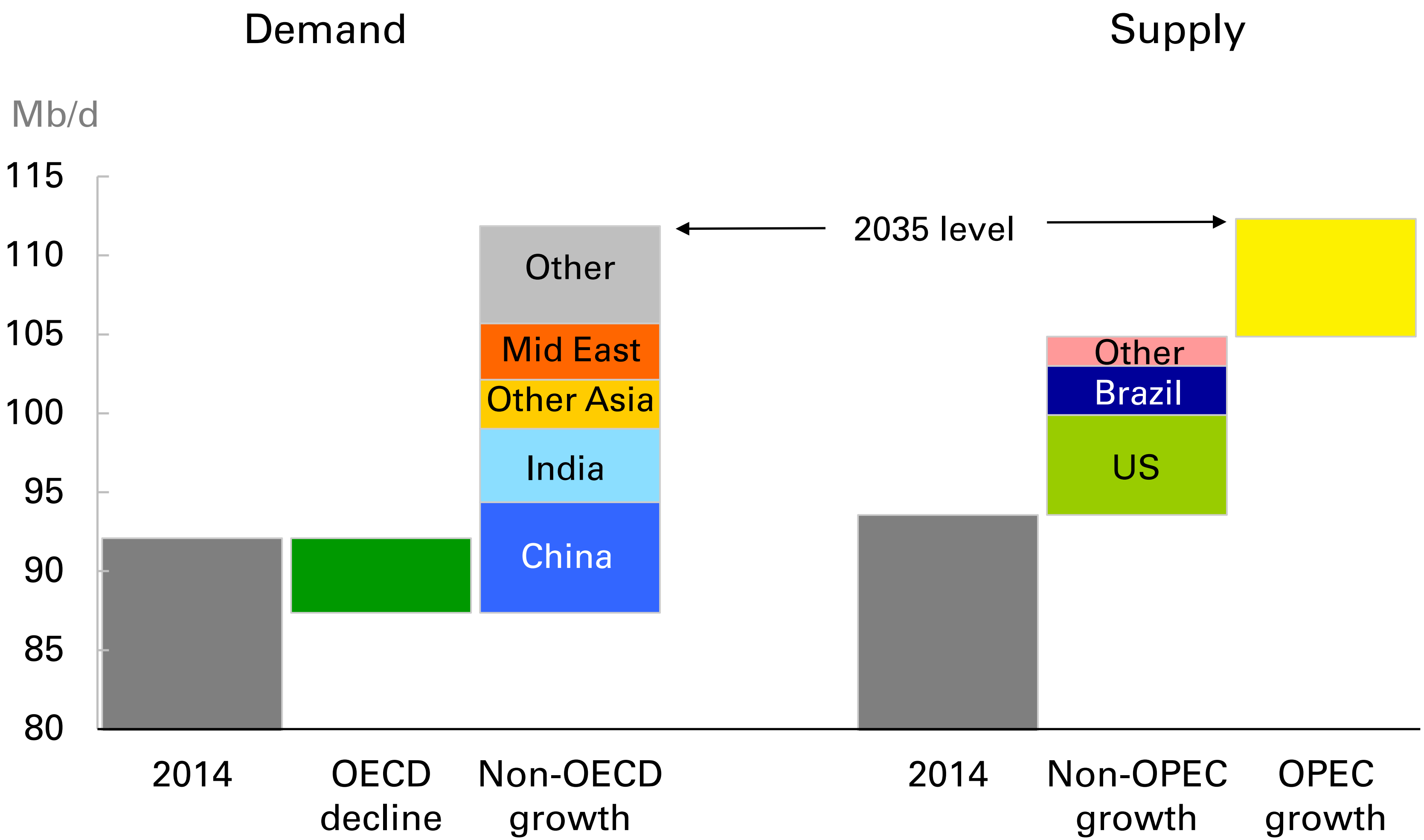


*Includes biofuels

Annual demand growth by fuel

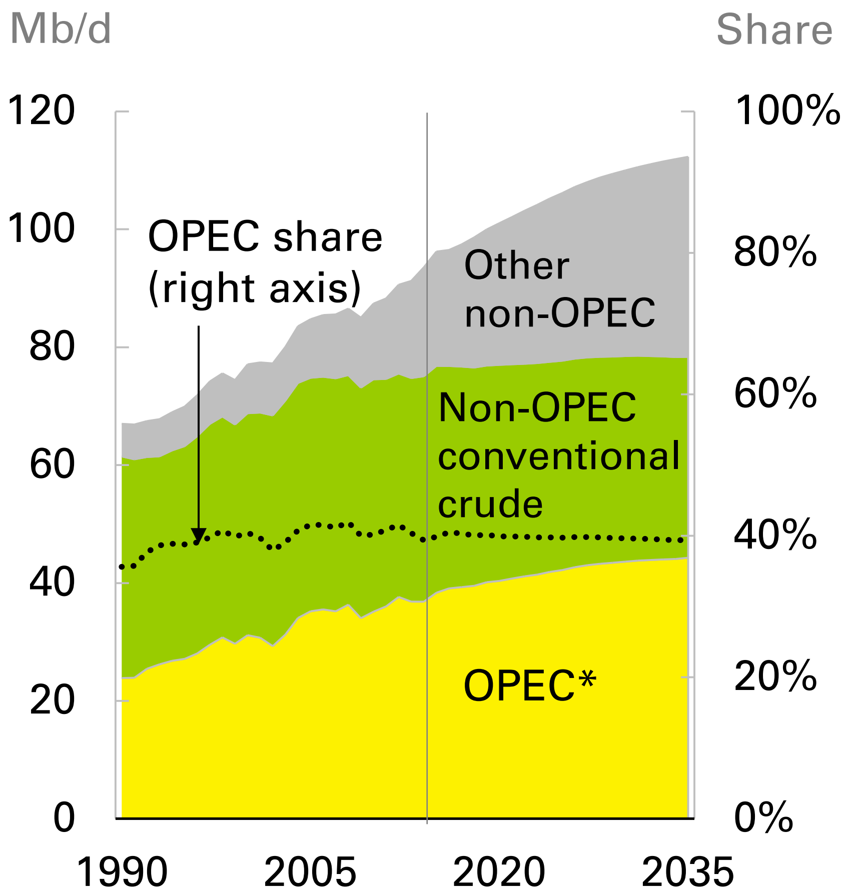


Asia drives demand growth; non-OPEC leads supply



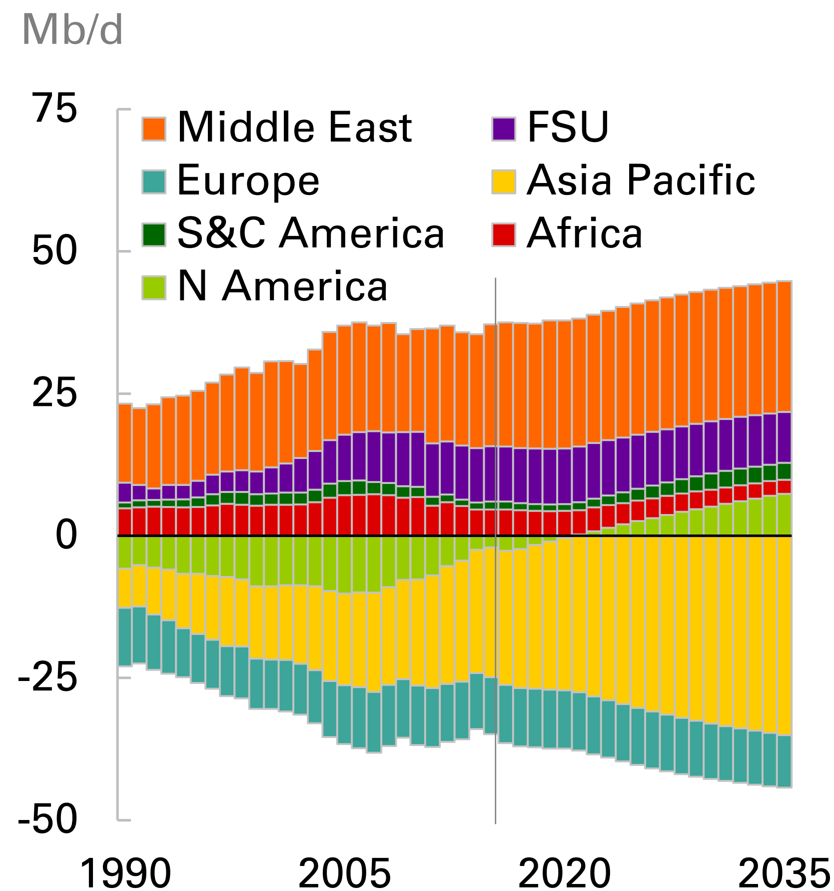
Non-OPEC unconventionals lead growth as trade adjusts

Liquids supply by type



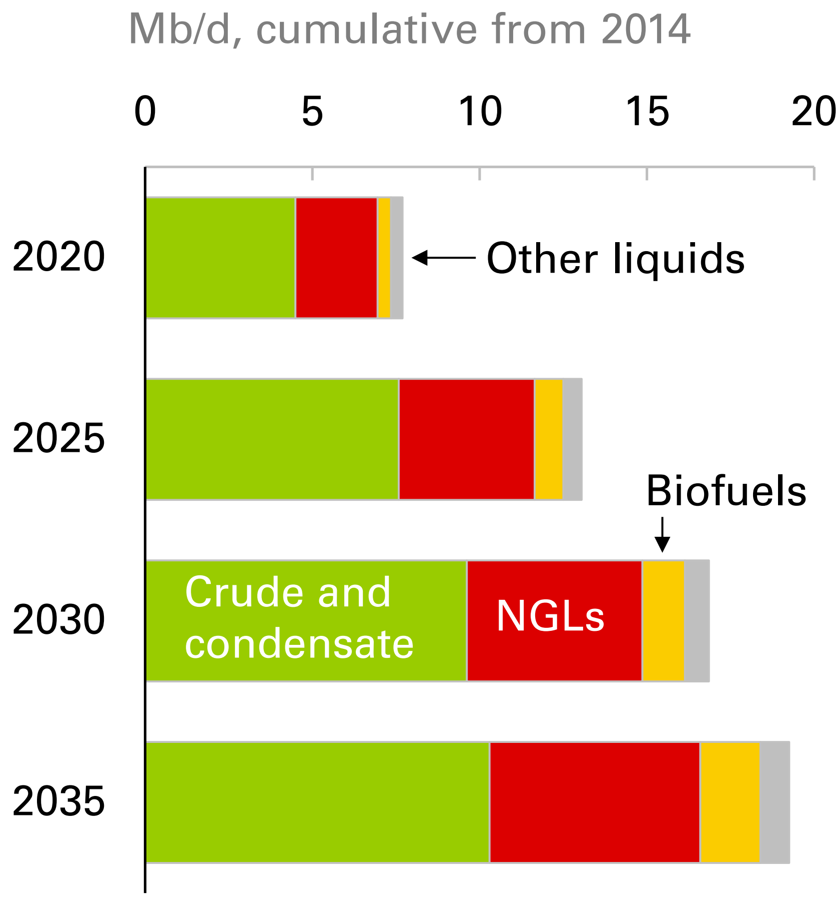
*Includes crude and natural gas liquids (NGLs)

Regional net balances

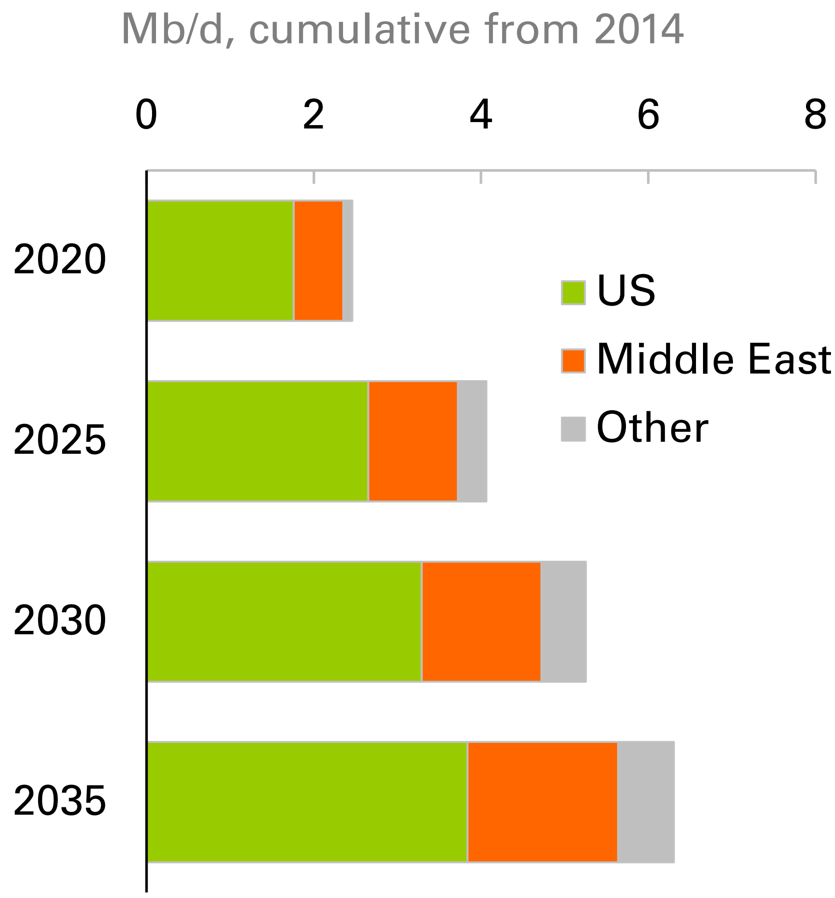


Refiners challenged by spare capacity and non-crude supply

Global liquids supply growth

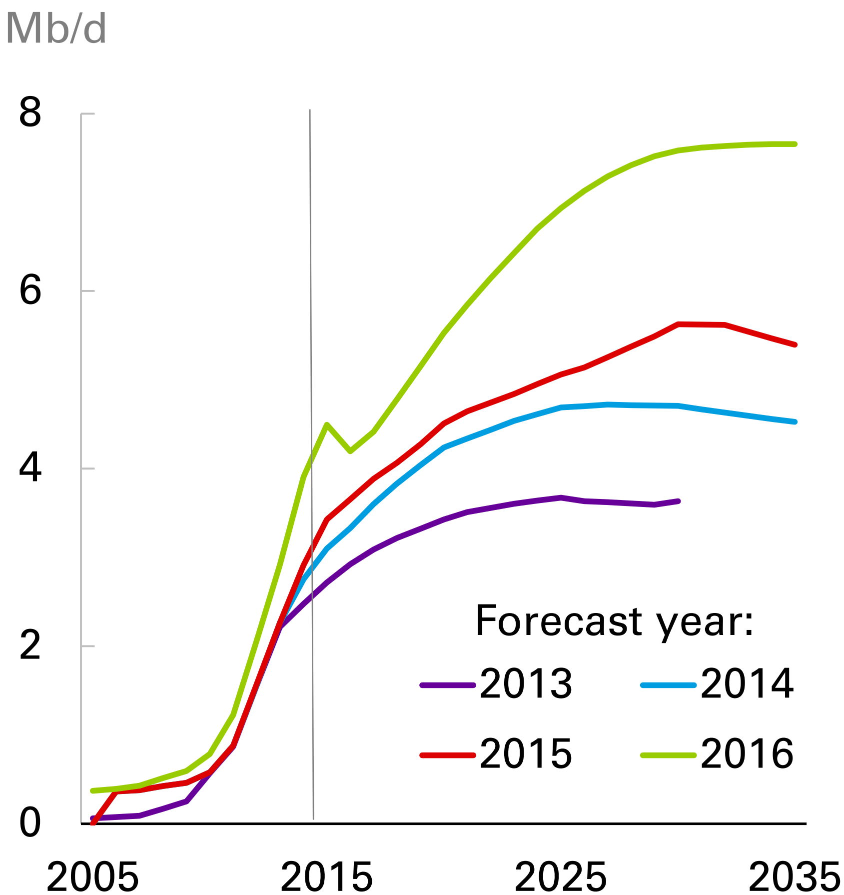


NGLs production growth

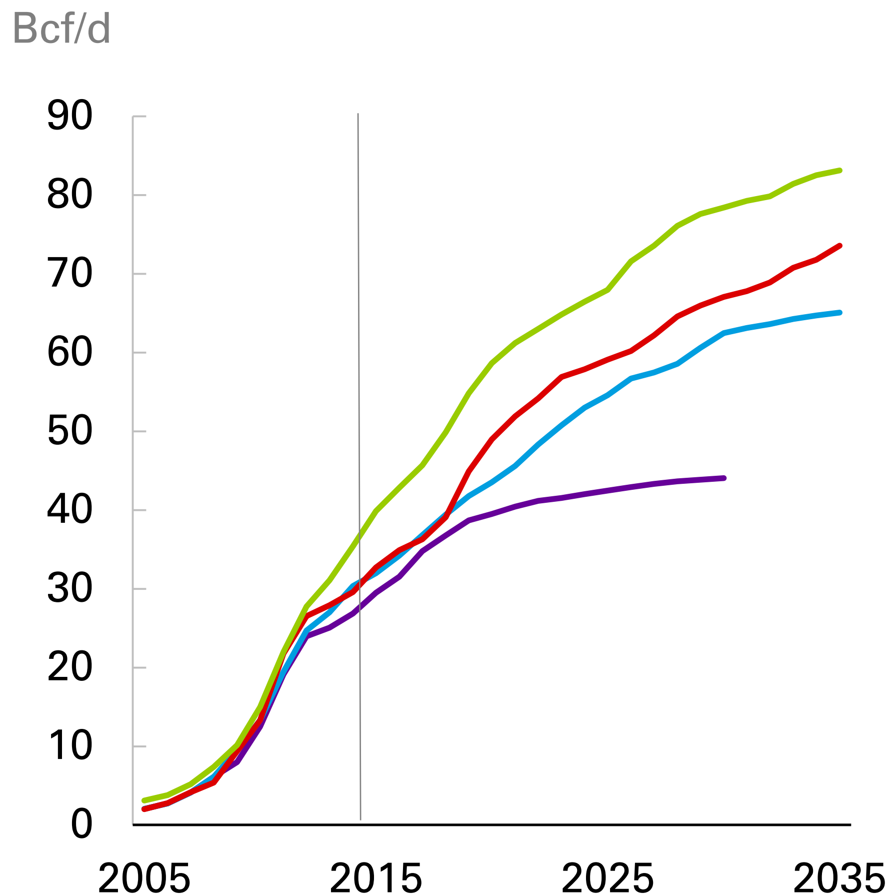


The outlook for US shale has been revised up repeatedly...

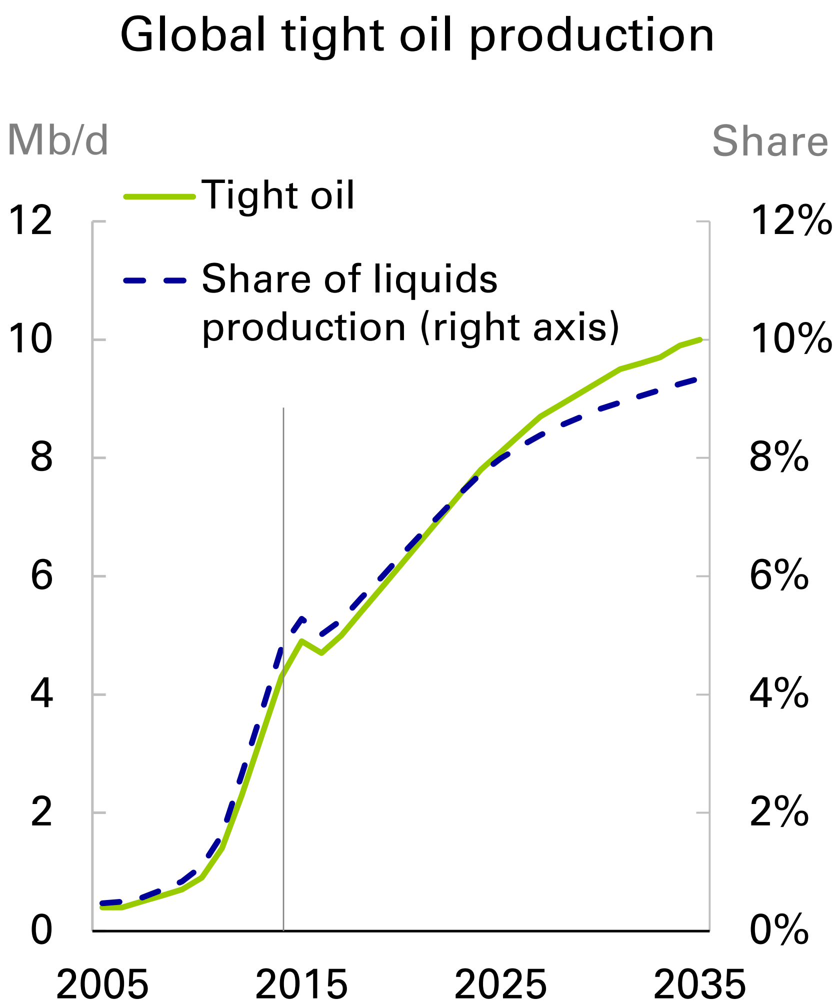
US tight oil forecasts

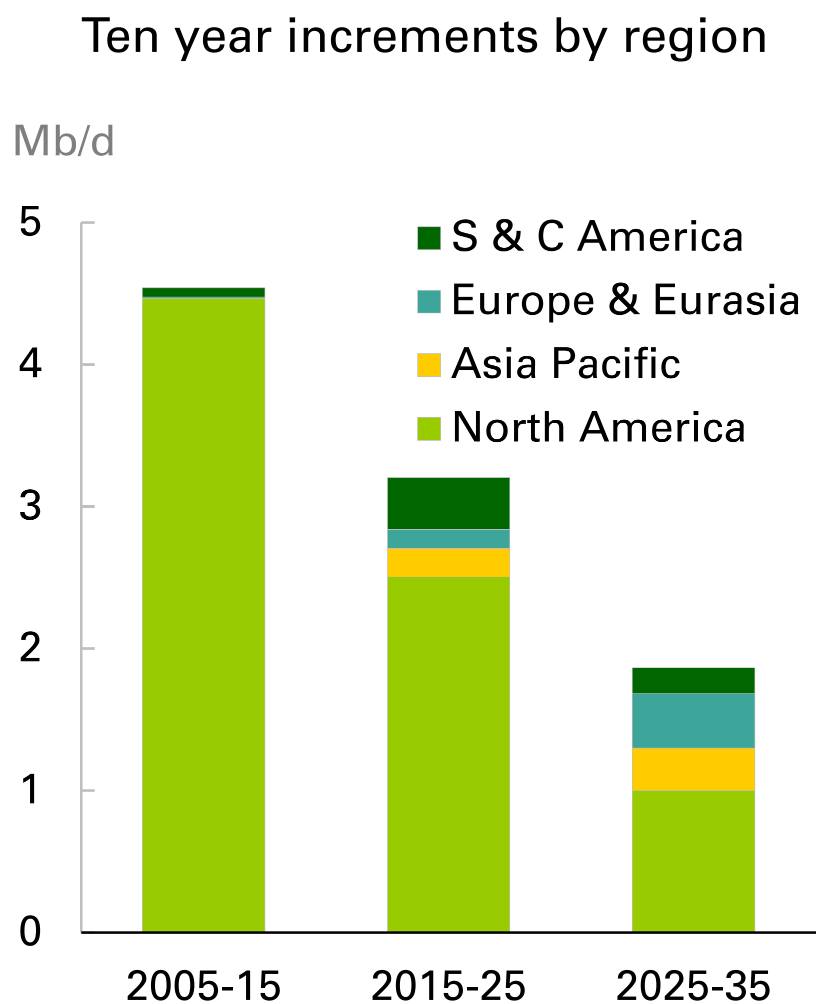


US shale gas forecasts



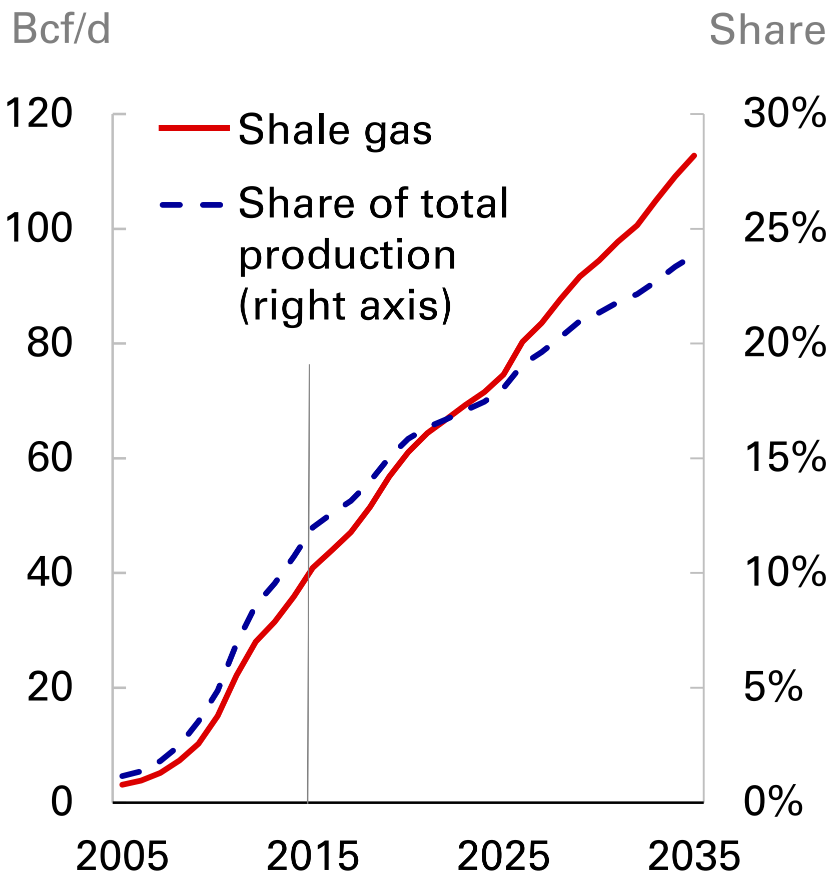
The global growth in tight oil slows



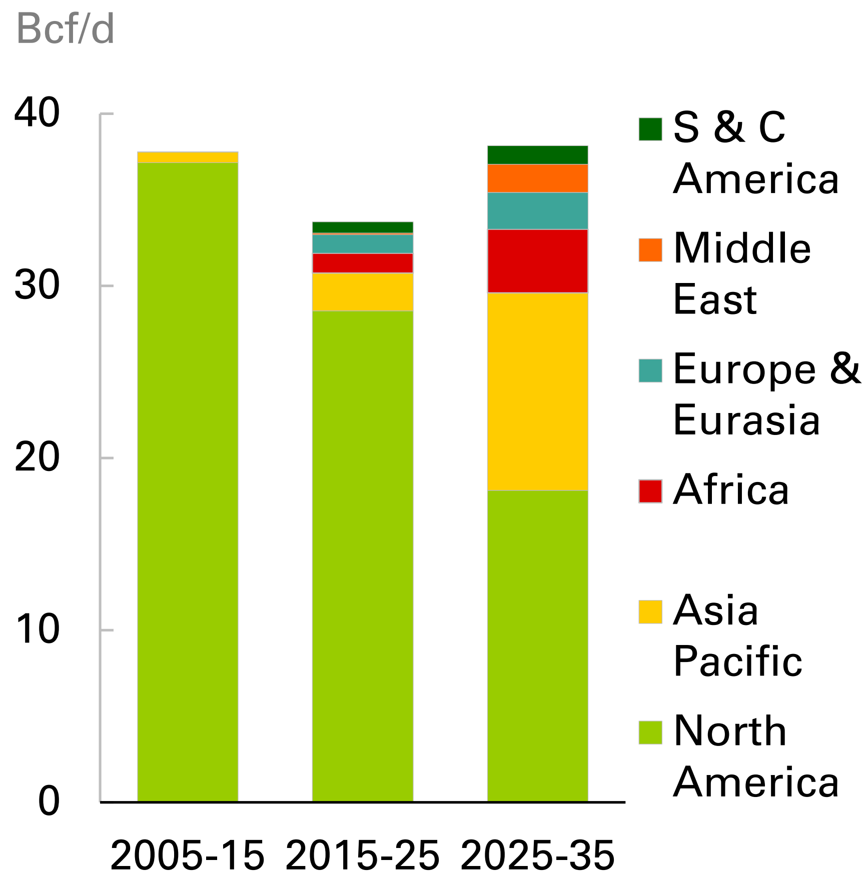


Shale gas production continues to expand rapidly

Global shale gas production

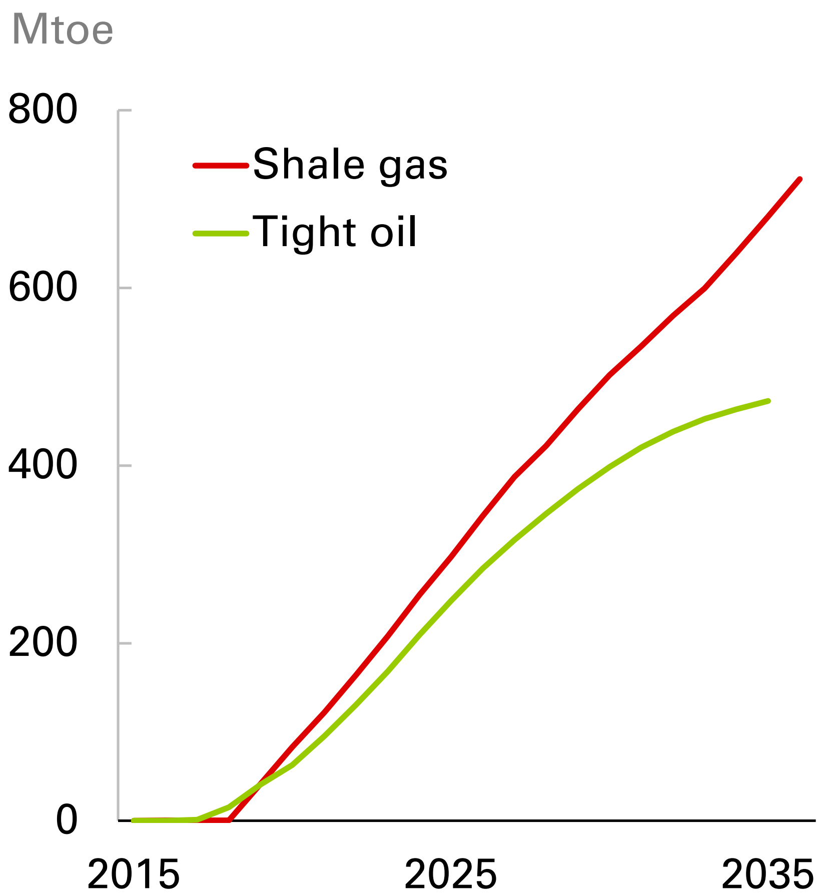


Ten year increments by region

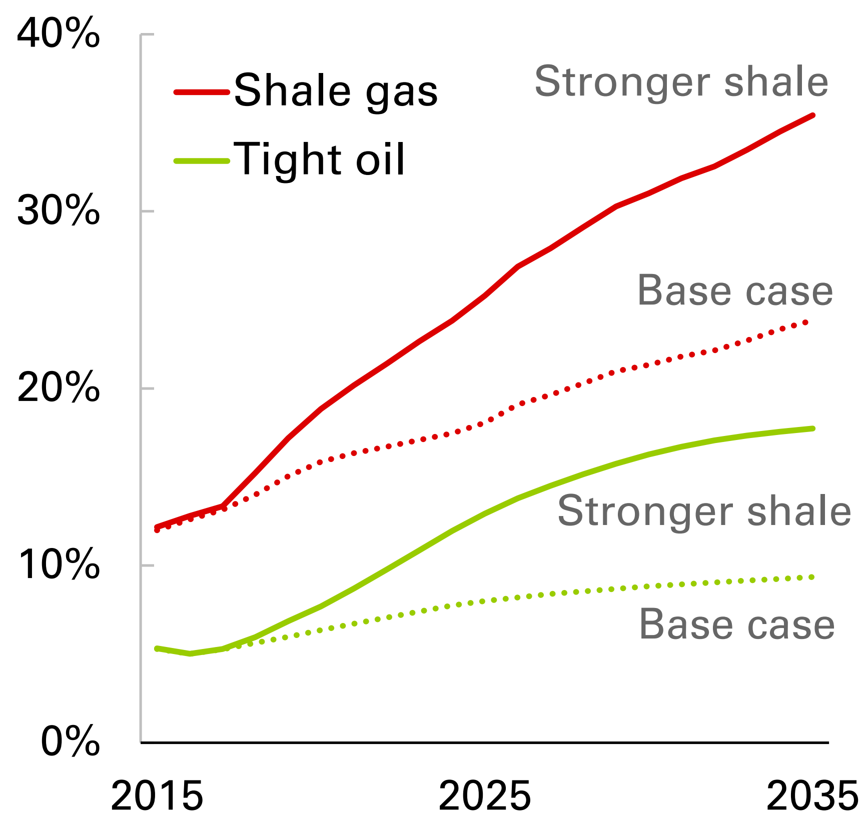


Alt case: Tight oil and shale gas have even greater potential…

Differences in supply from base case

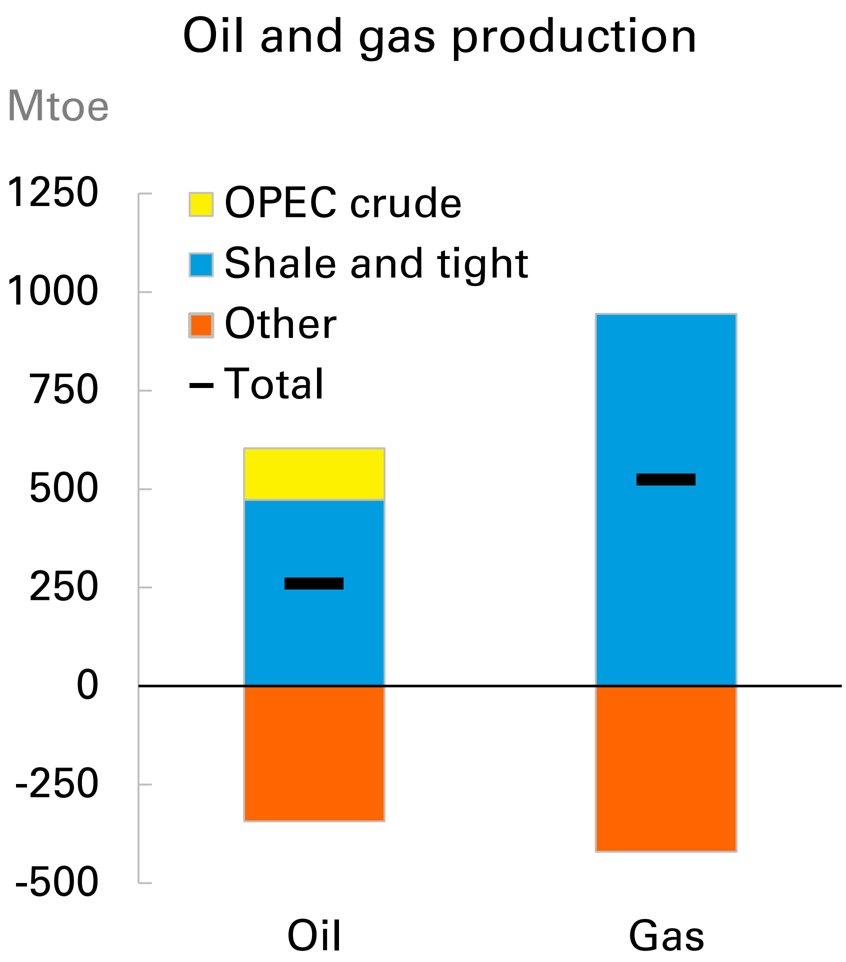


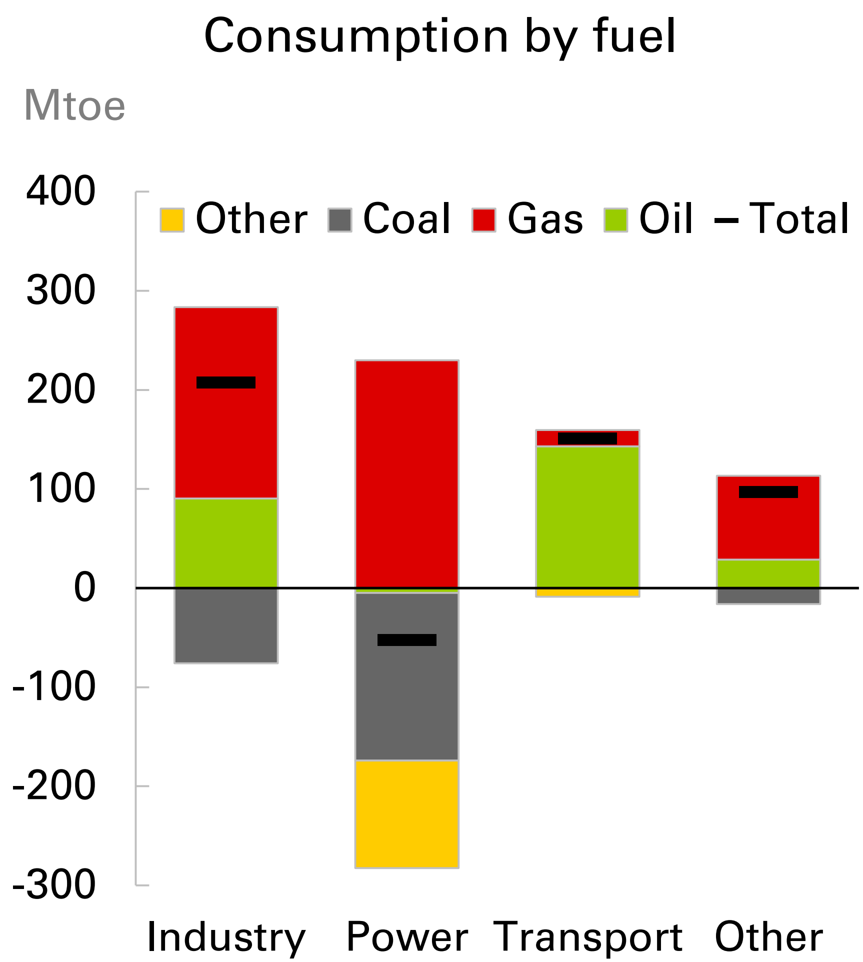
Shares of total oil/gas production



Alt case: Higher shale crowds out conventionals and creates new demand

Differences from base case in 2035:

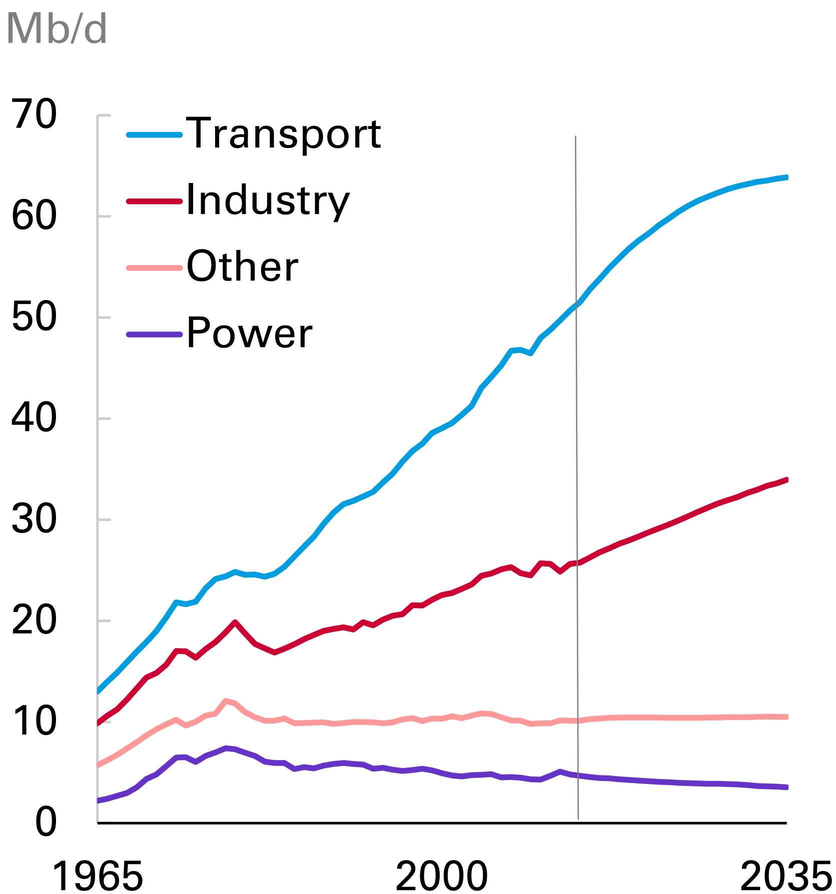




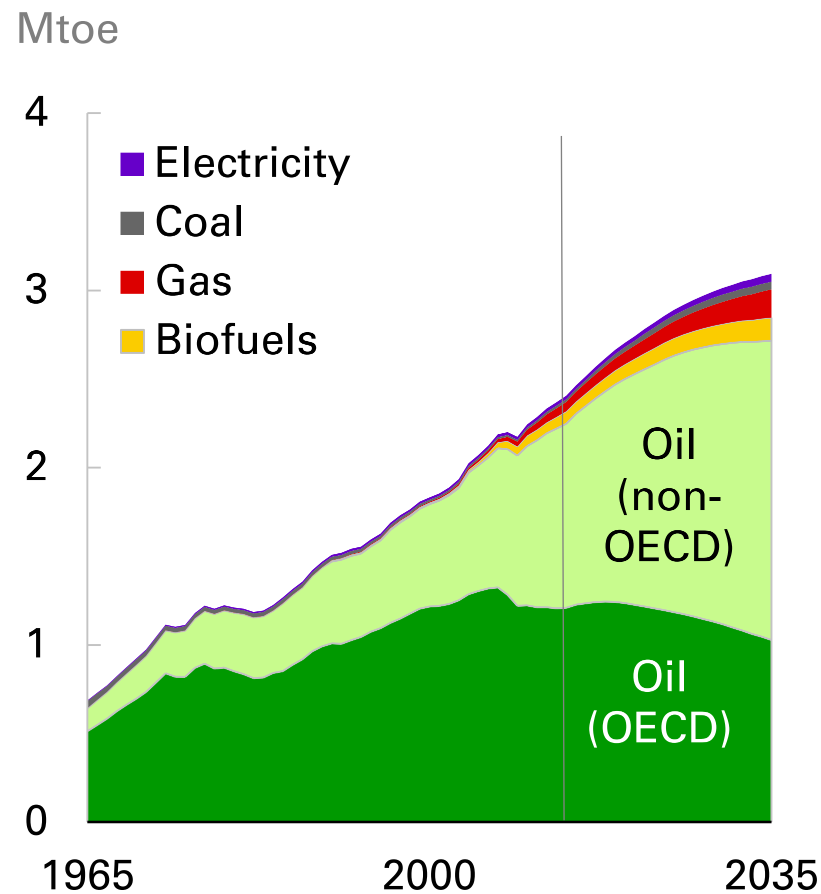
Backups

Growth in liquids demand is driven by transport and industry…

Liquids demand by sector



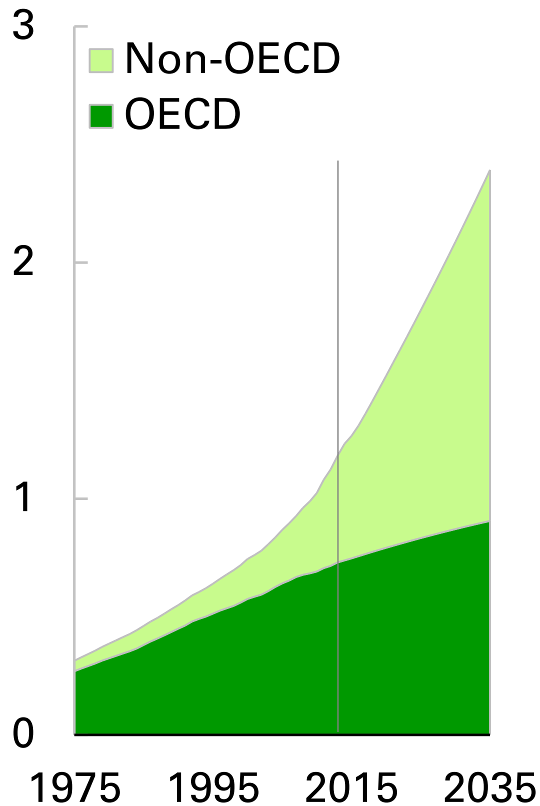
Transport demand by fuel



The global vehicle fleet more than doubles...

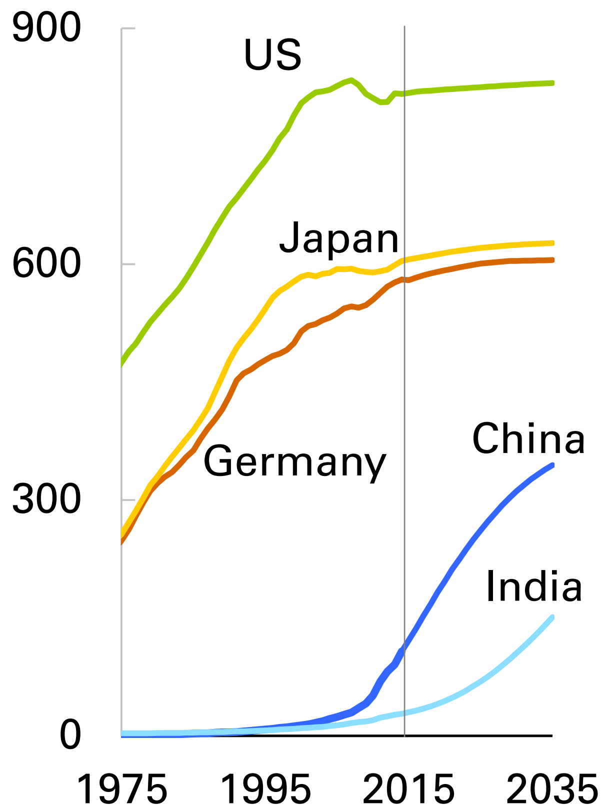
Vehicle fleet

Billion vehicles



Vehicle ownership

Vehicles per 1000 people



Fuel economy of new cars

Litres per 100 km