

BP Energy Outlook

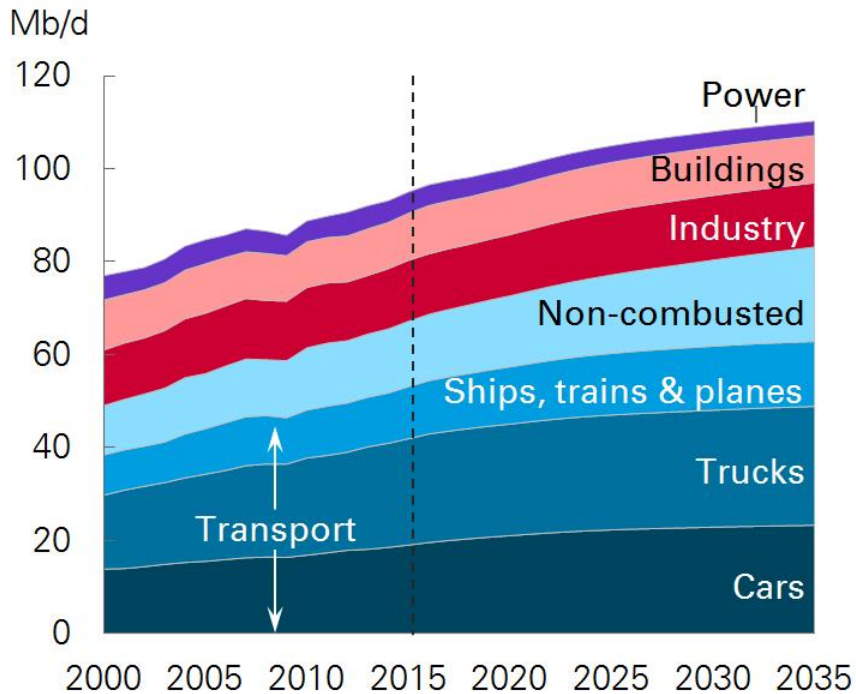
2017 edition



Mark Finley
3rd IEF-KAPSARC Thought Leaders' Roundtable

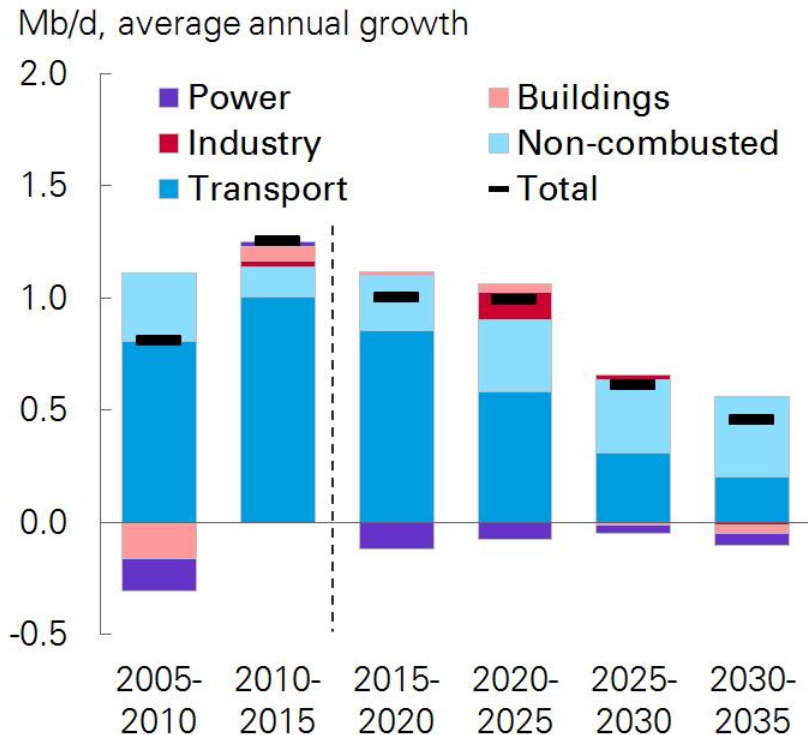
Oil demand: Reference case

Liquids demand



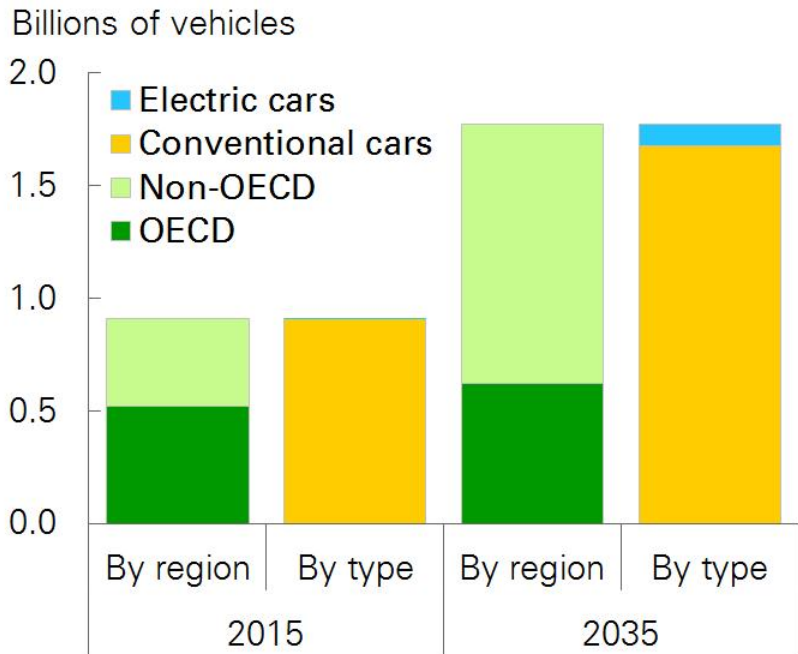
Liquids includes oil, biofuels and derivatives of coal and natural gas

Liquids demand growth

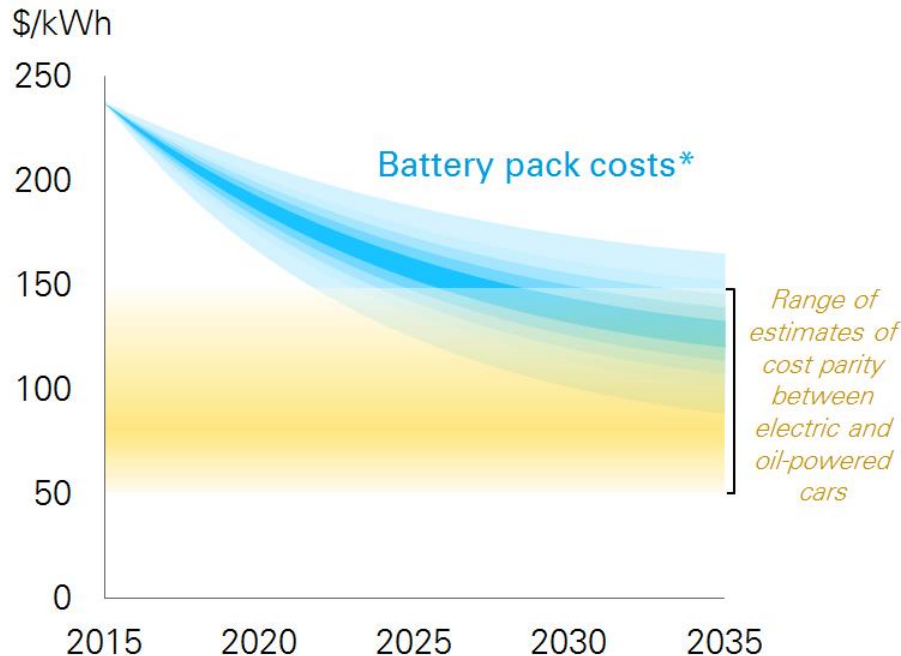


Growth of electric cars

The global car fleet: 2015-2035



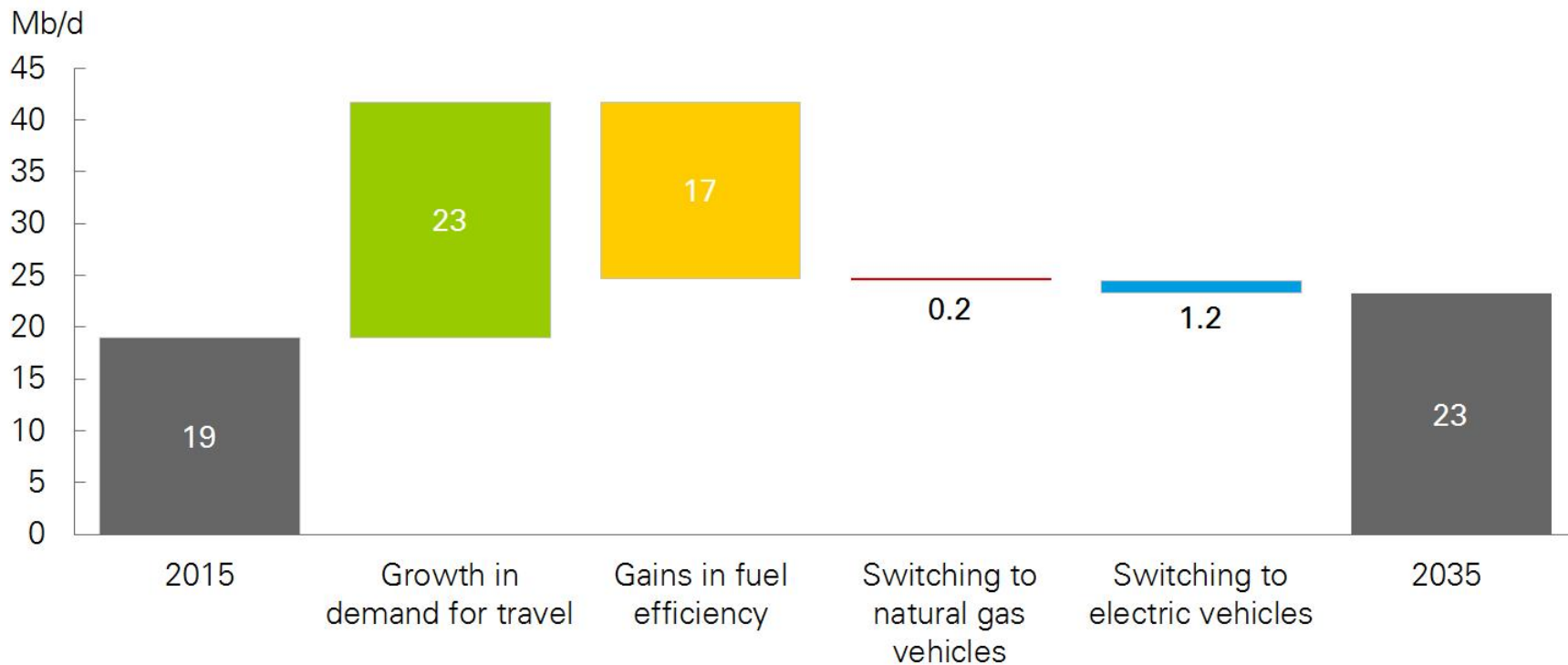
Illustrative path for battery pack costs



*For a Battery Electric Vehicle with a 60 kWh pack. Cost projections depend heavily on the degree of EV uptake, which is uncertain, so ranges should be treated as illustrative only. Current estimates of battery costs also vary widely, but this uncertainty is not shown

Liquid fuel demand from cars

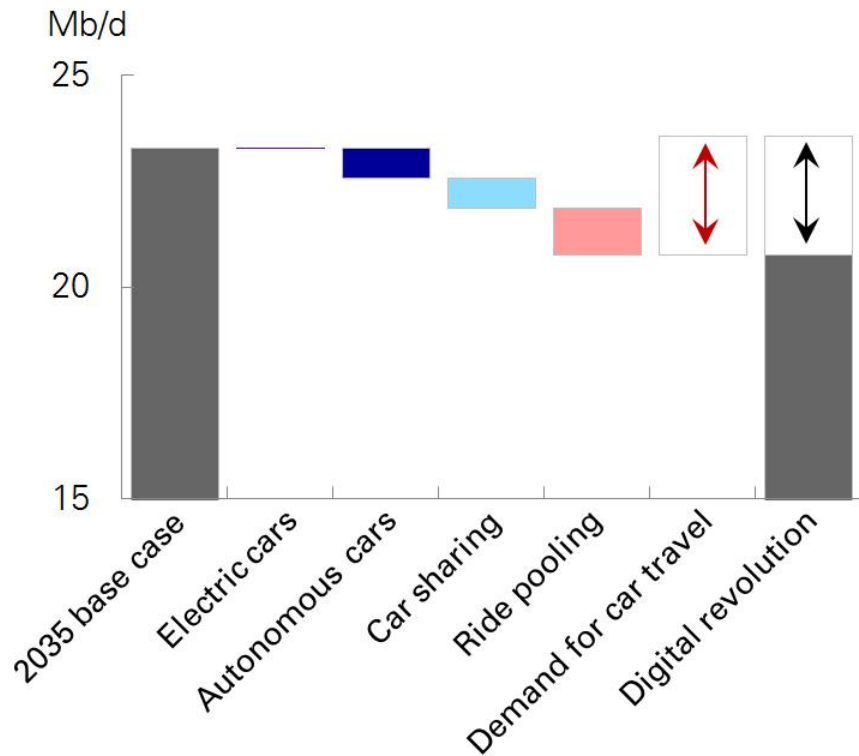
Decomposing changes in liquids demand from cars: 2015-2035



Mobility revolution scenarios

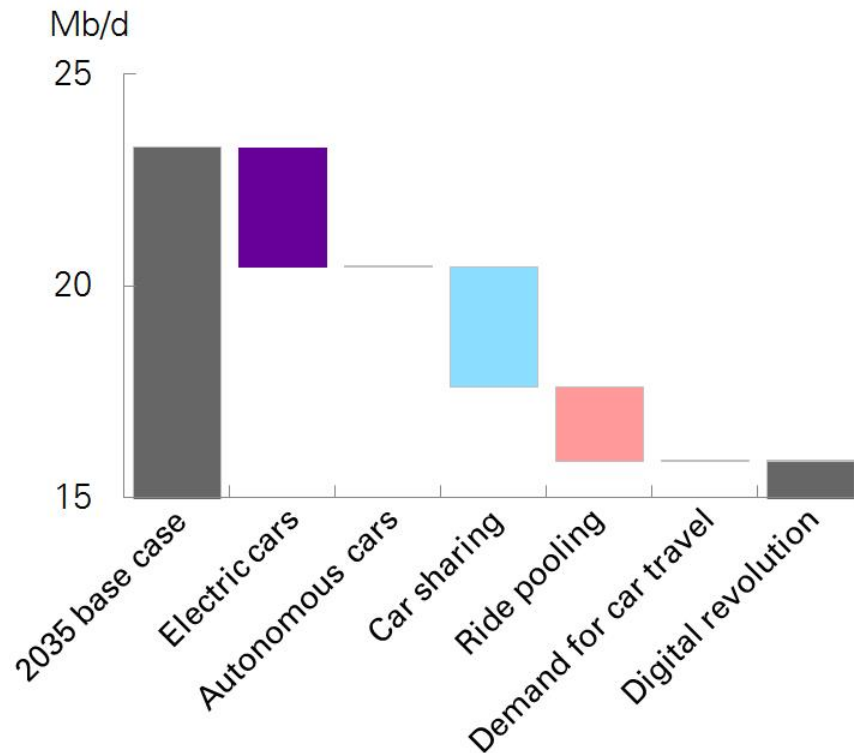
Digital revolution:

Impact on oil demand in cars in 2035



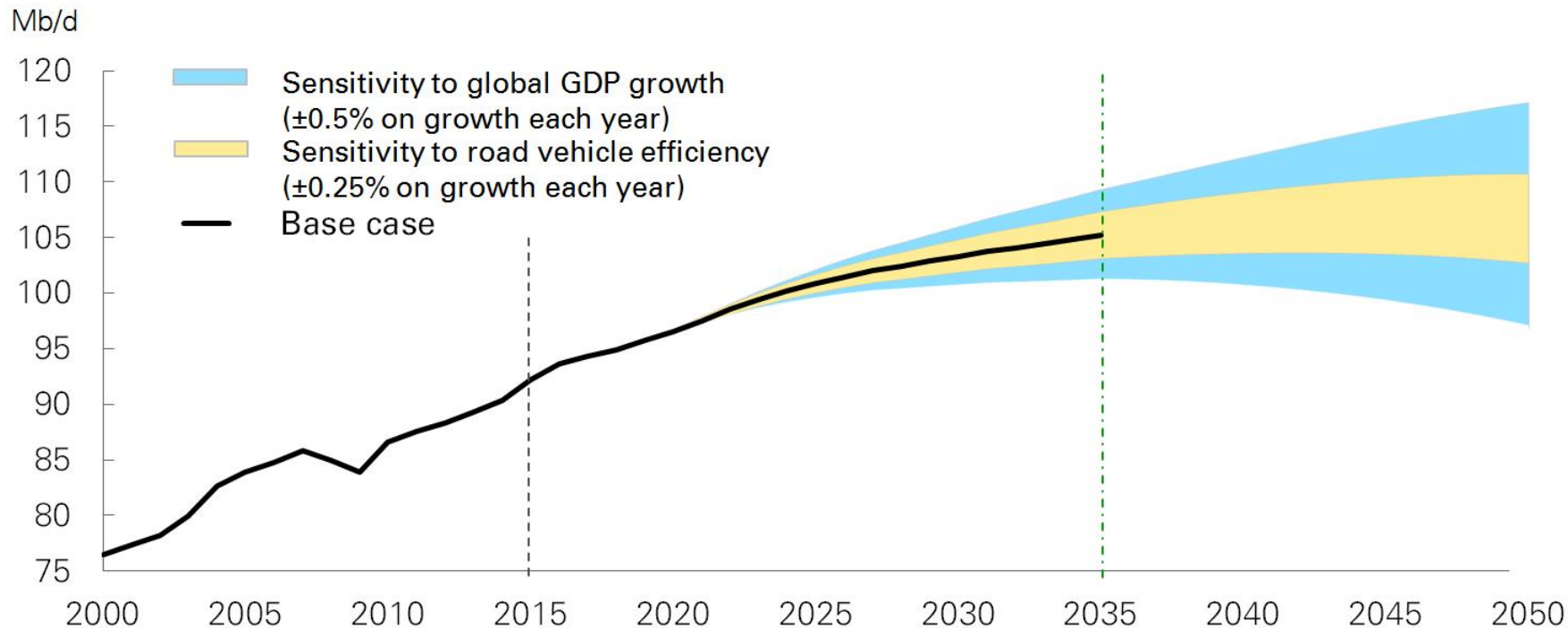
Electric revolution:

Impact on oil demand in cars in 2035



When will global oil demand peak?

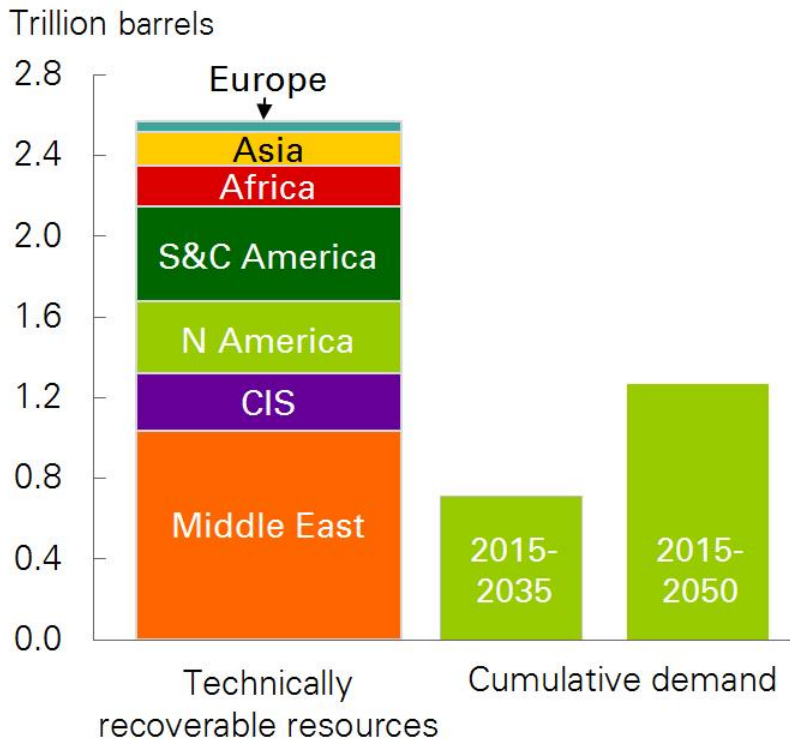
Illustrative paths for oil demand under different assumptions



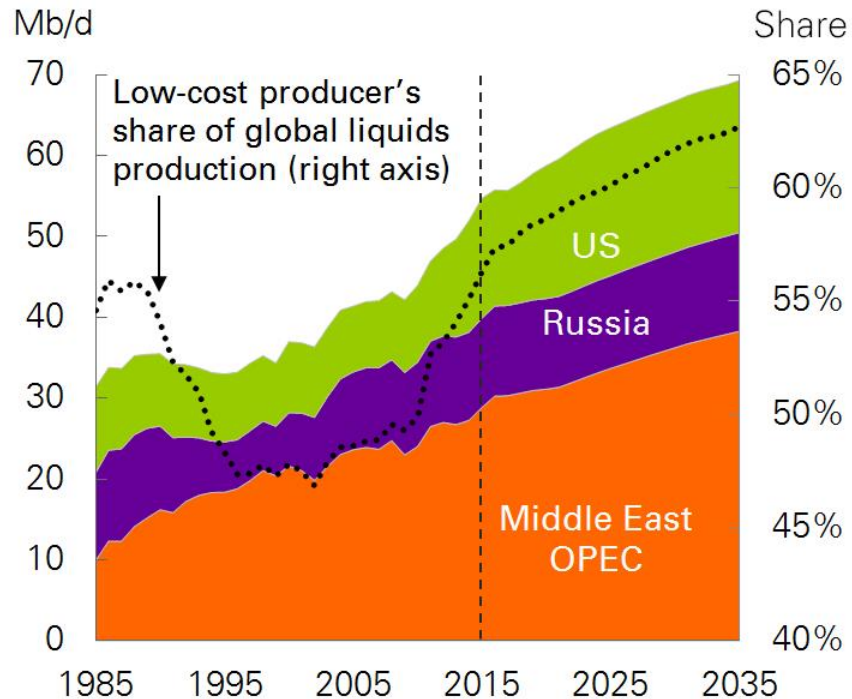


Abundance of oil resources and producer response

Estimates of technically recoverable resources and cumulative oil demand



Oil supply of lower-cost producers



BP Energy Outlook

2017 edition

