



**RAPIDAN**  
ENERGY GROUP

# Medium Term Oil Demand Outlook

International Energy Forum  
Symposium of Energy Outlooks  
Riyadh | February 19, 2025  
Bob McNally



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# Key Points

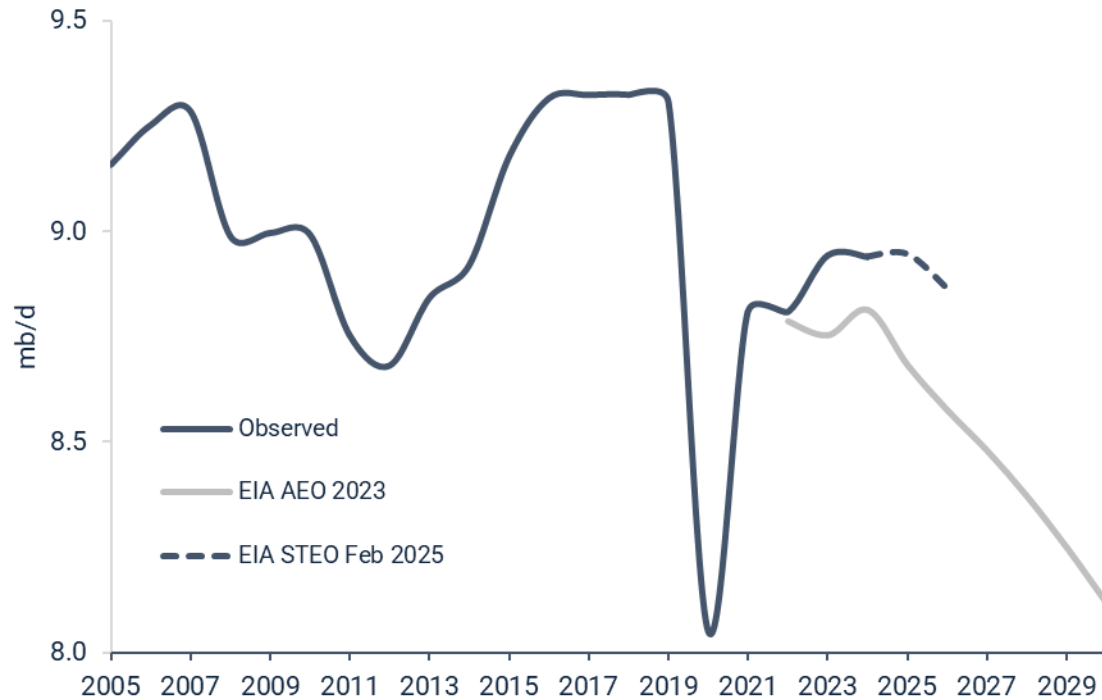
1. No sign yet of divergence in OECD gasoline demand that is assumed in peak demand forecasts
2. We don't see Chinese gasoline demand peaking and falling
3. Medium to long-term demand outlook

Source: Rapidan Energy Group, EIA

# No Sign Yet of a Divergence Between GDP and US/EU Gasoline Demand

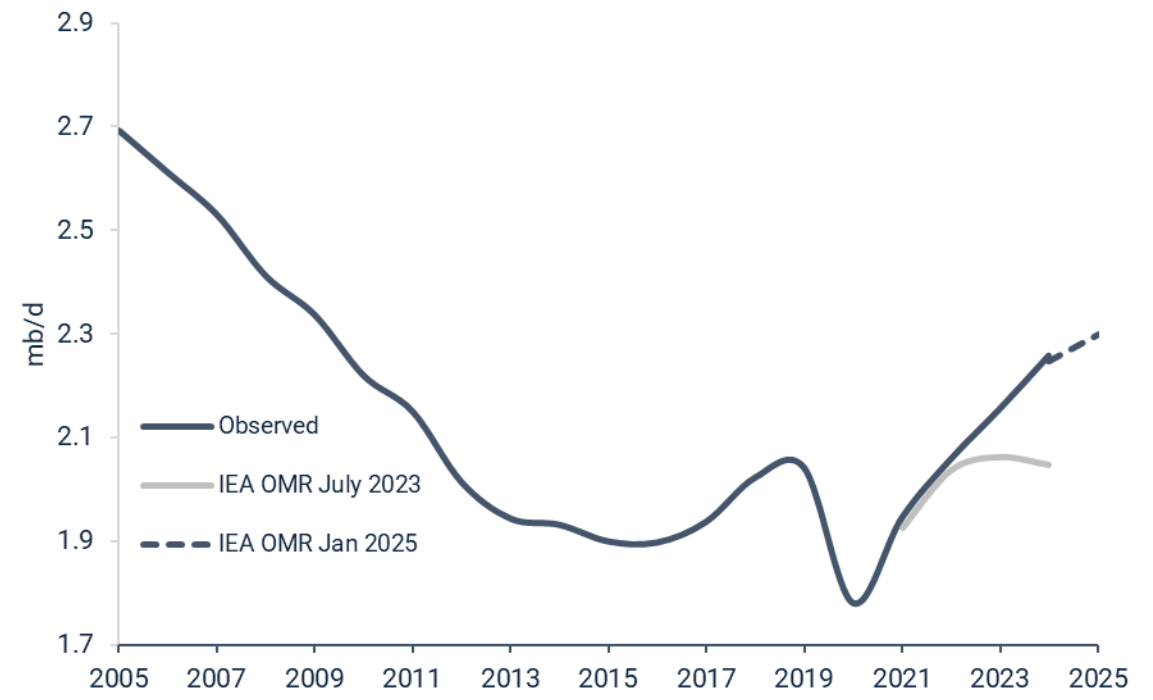
The EIA has backed off on showing a decline in gasoline demand starting in 2025. EIA's Annual Energy Outlook 2023 (AEO) had demand steadily declining after 2024. Instead, the EIA's latest Short-Term Energy Outlook (STEO) shows demand plateauing in 2025.

### US Gasoline Demand and EIA Forecasts



<u>US GDP growth</u>	2024	2025	2026
AEO 2023	1.0%	1.6%	2.1%
STEO Feb 2025	2.8%	2.1%	2.0%

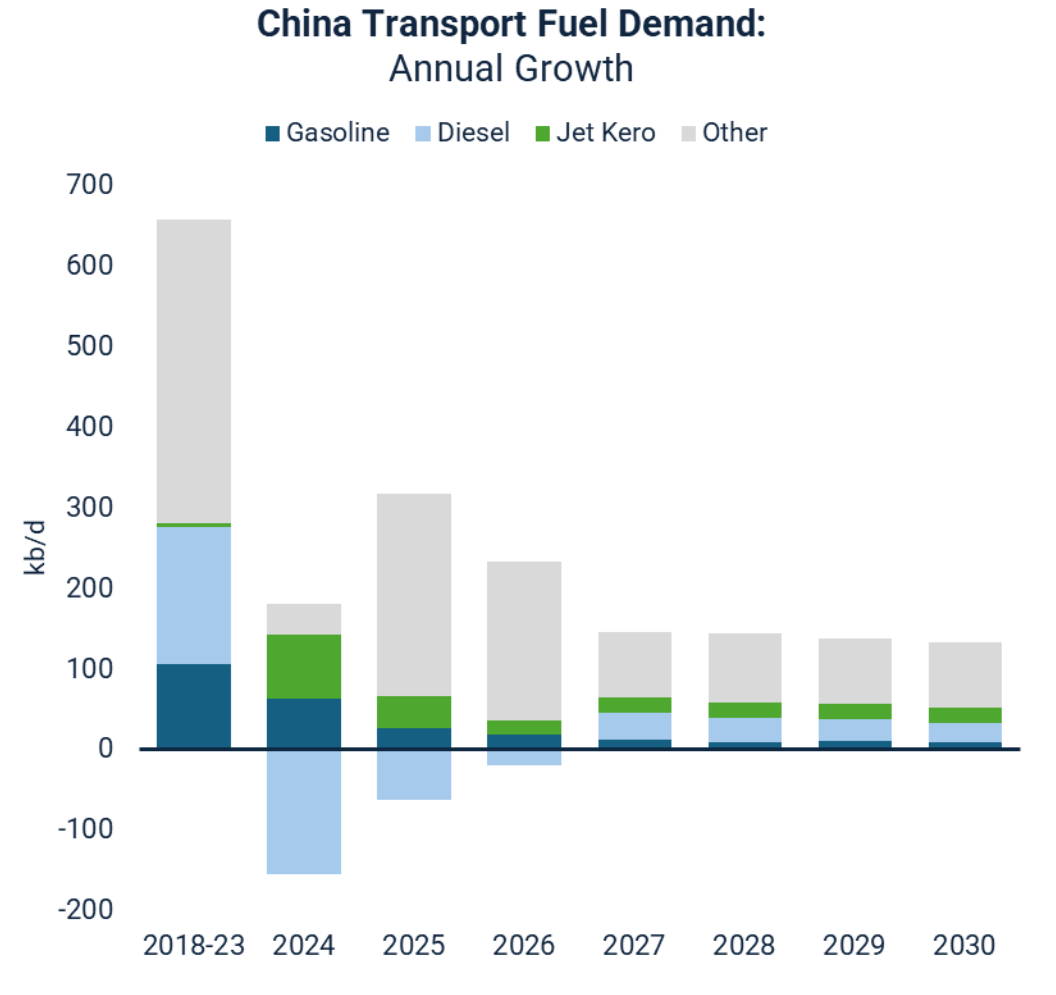
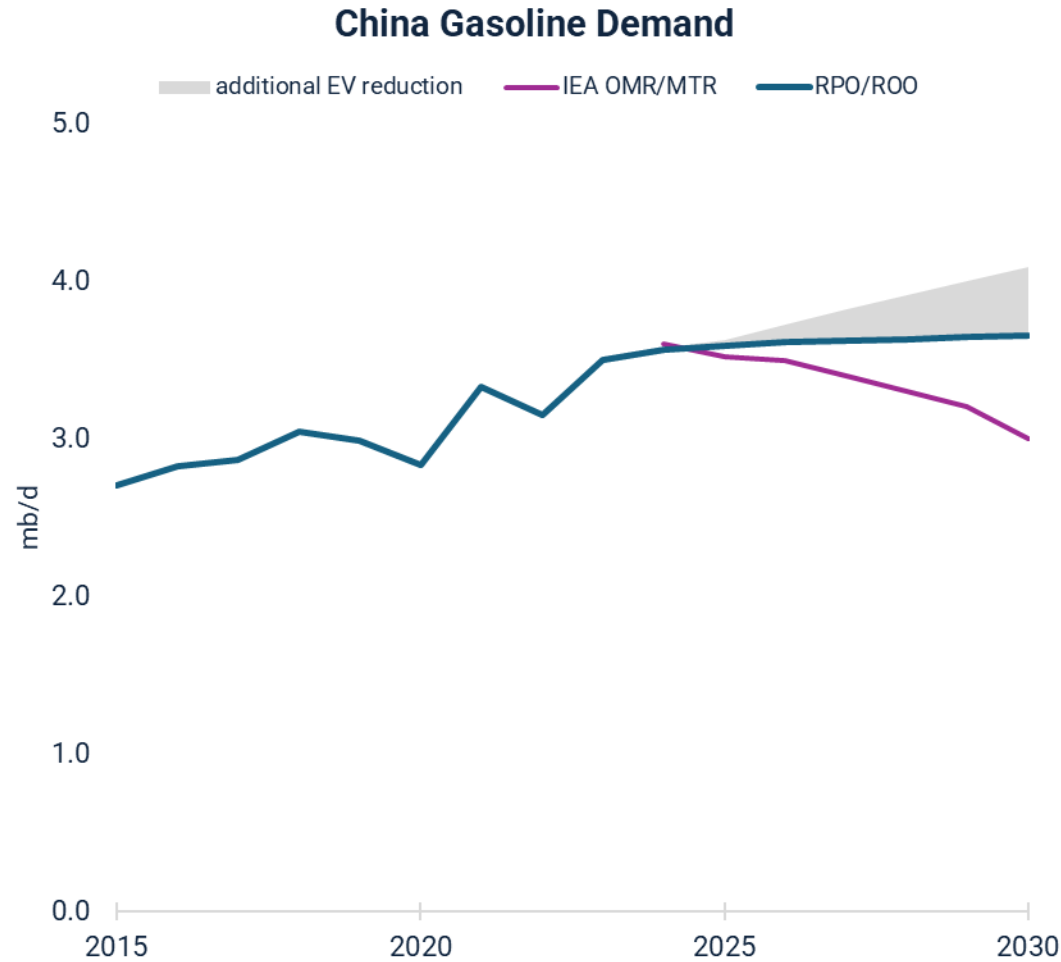
### OECD Europe Gasoline Demand and IEA Forecasts



<u>Europe GDP growth</u>	2024	2025	2026
IMF Apr 2023	1.7%	2.2%	2.1%
IMF Jan 2025	1.4%	1.7%	1.9%

Source: Rapidan Energy Group, EIA, IEA

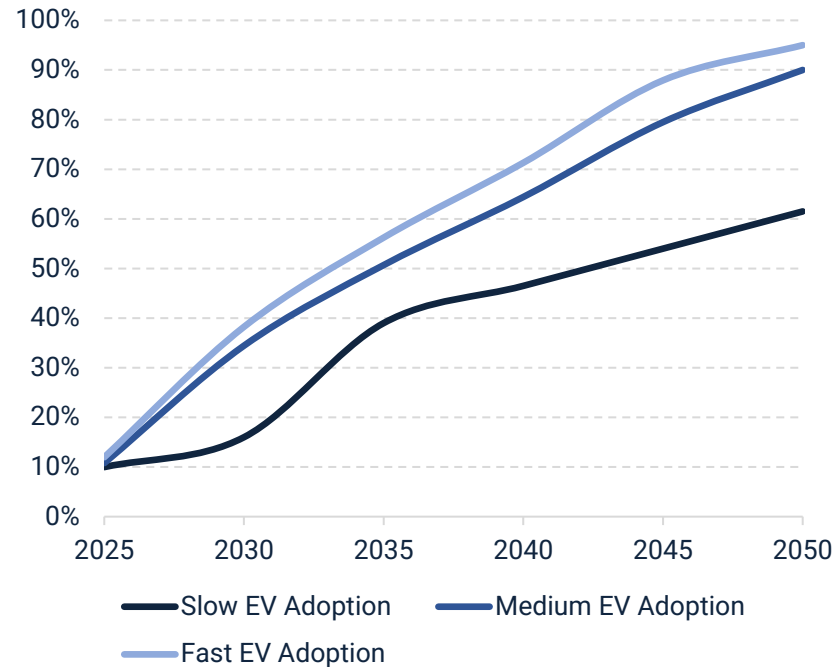
# Not Buying Peak Chinese Gasoline Demand Narrative



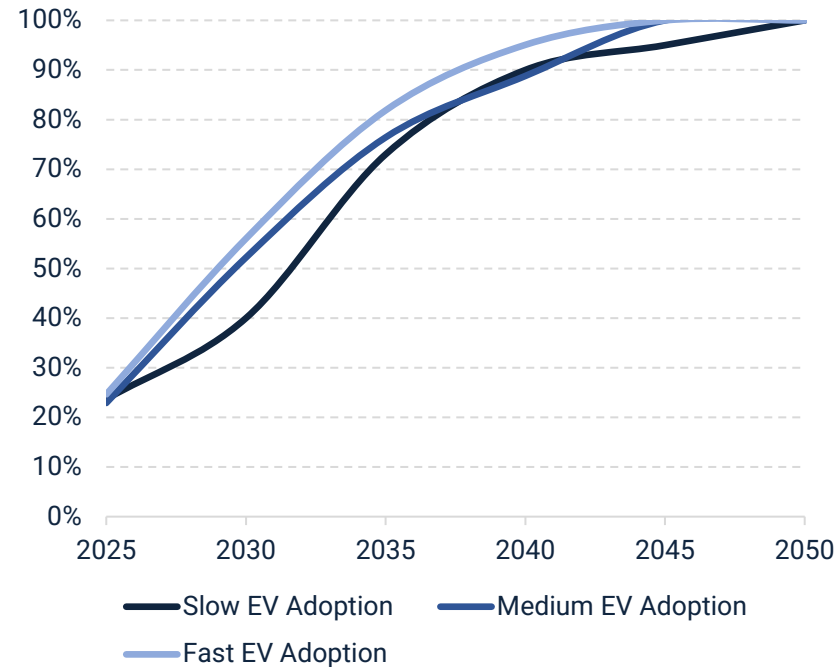
Source: Rapidan Energy Group, China's MBS, China Association of Automobile Manufacturers and Dealers

# While “EV” Sales Penetration Rises in All Scenarios, Only Our Fast Scenario Assumes the Majority of EVs Are BEVs

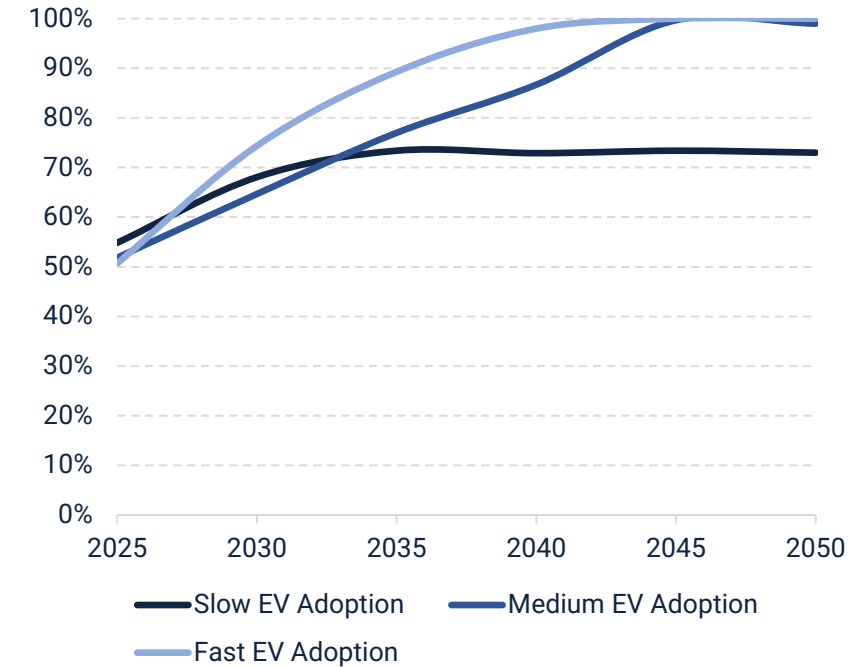
## United States EV Sales Penetration



## European Union EV Sales Penetration



## China EV Sales Penetration

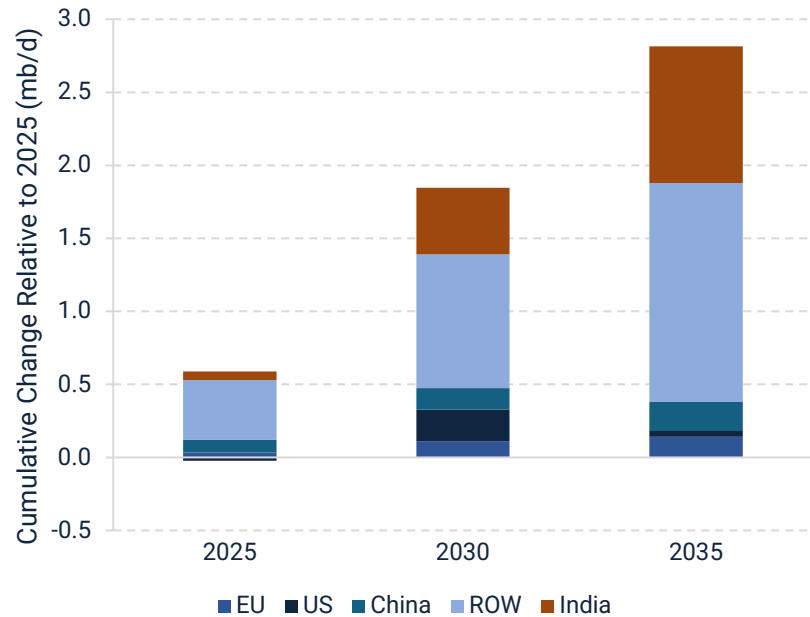


Source: Rapidan Energy Group

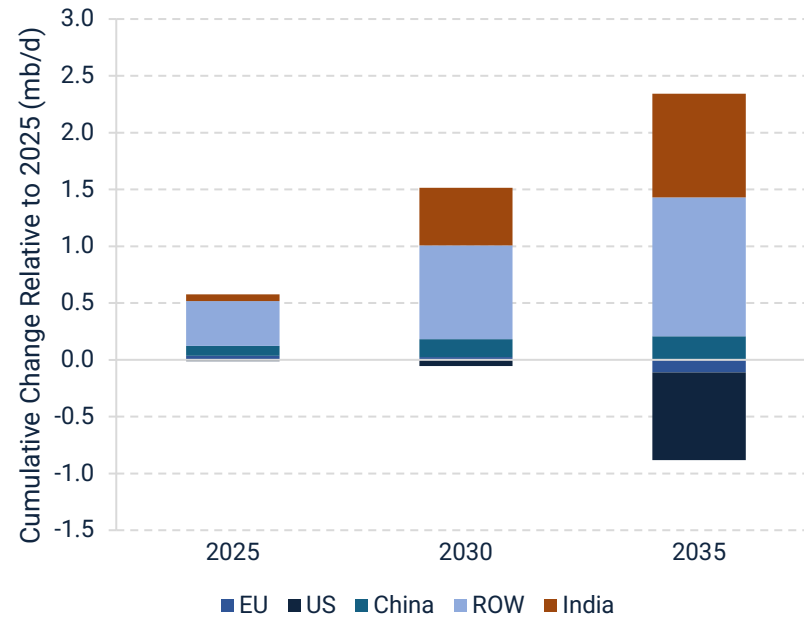
# Global Gasoline Demand Continues to Rise Through 2035, Regardless of the Pace of EV Adoption

Strong gasoline demand growth in India, Southeast Asia and the developing world more than offsets declines in the OECD that *may* materialize if developed world EV sales recover from their recent stumble

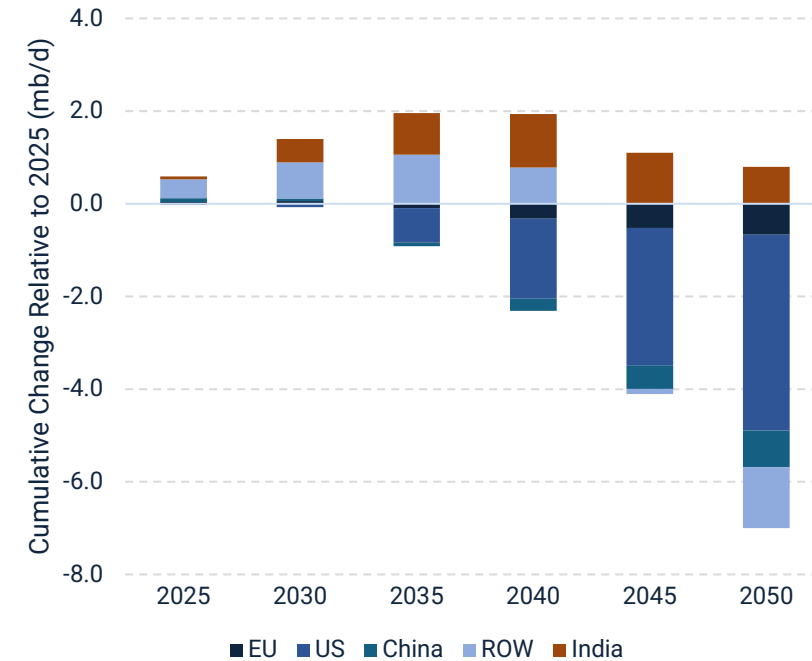
### Slow Scenario: Gasoline Demand Deltas



### Medium Scenario: Gasoline Demand Deltas



### Fast Scenario: Gasoline Demand Deltas

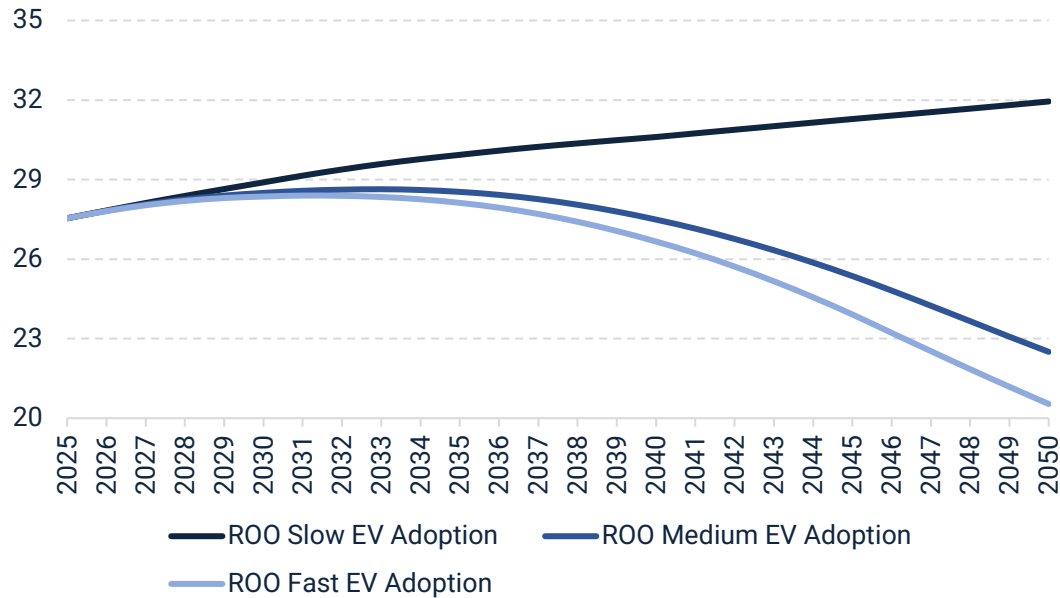


Source: Rapidan Energy Group, EIA,\* OPEC\*

\* Stock figures used for a 2024 baseline and, in some cases, for the total stock forecast years.

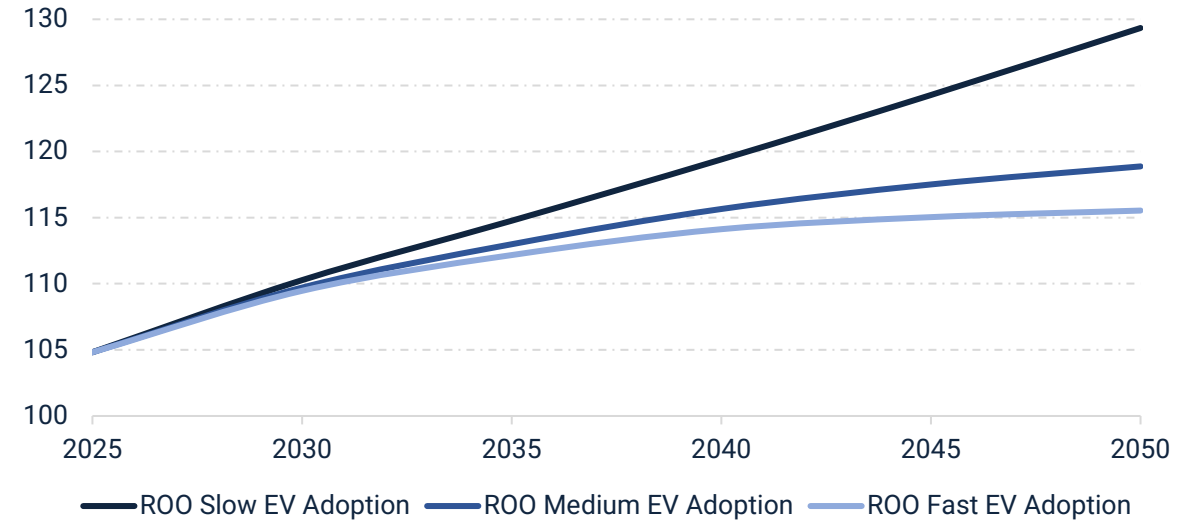
# No Total Liquids Peak or Even Gasoline This Decade – Even With Fast EV Adoption

Rapidan's Global Gasoline Demand Scenarios (mb/d)



Source: Rapidan Energy Group

Rapidan's Global Oil Demand Scenarios

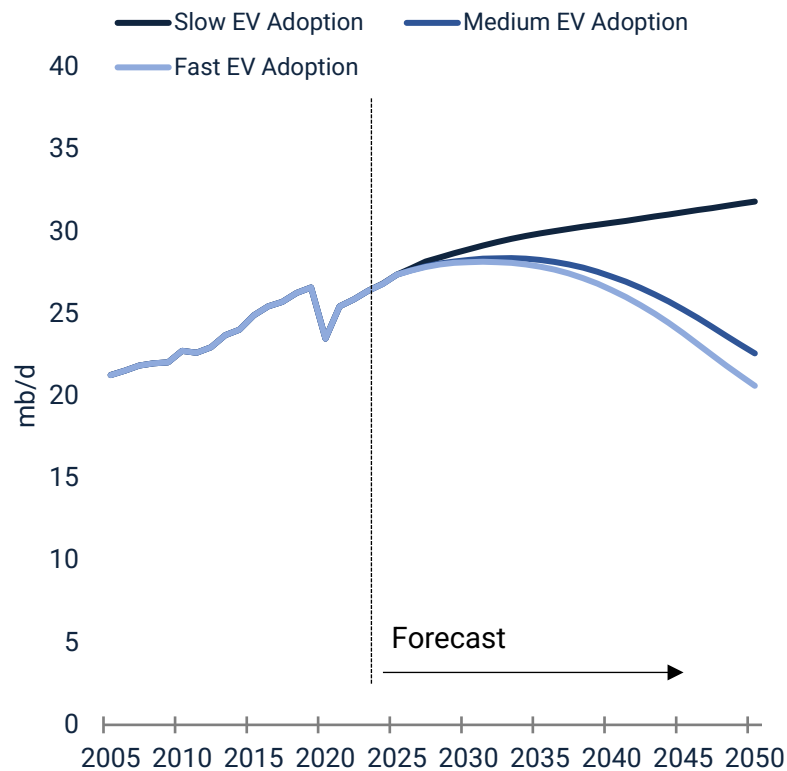


Source: Rapidan Energy Group

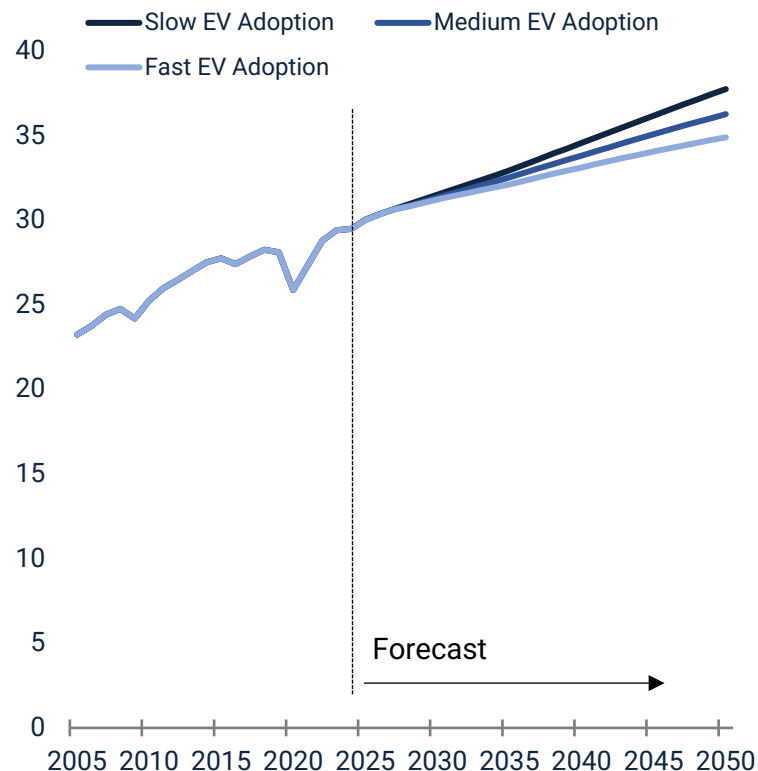


# Global Liquids Demand by Product

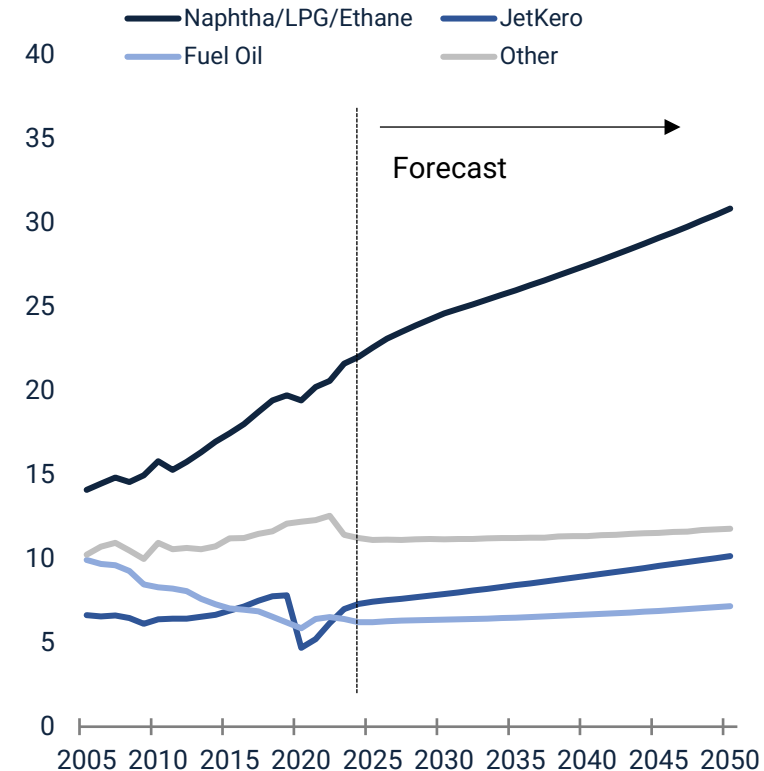
## Global Gasoline Demand



## Global Diesel Demand



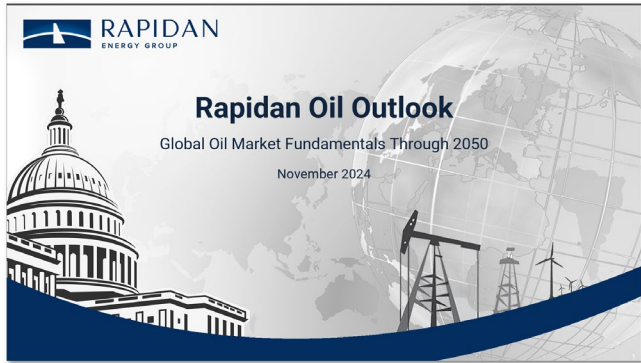
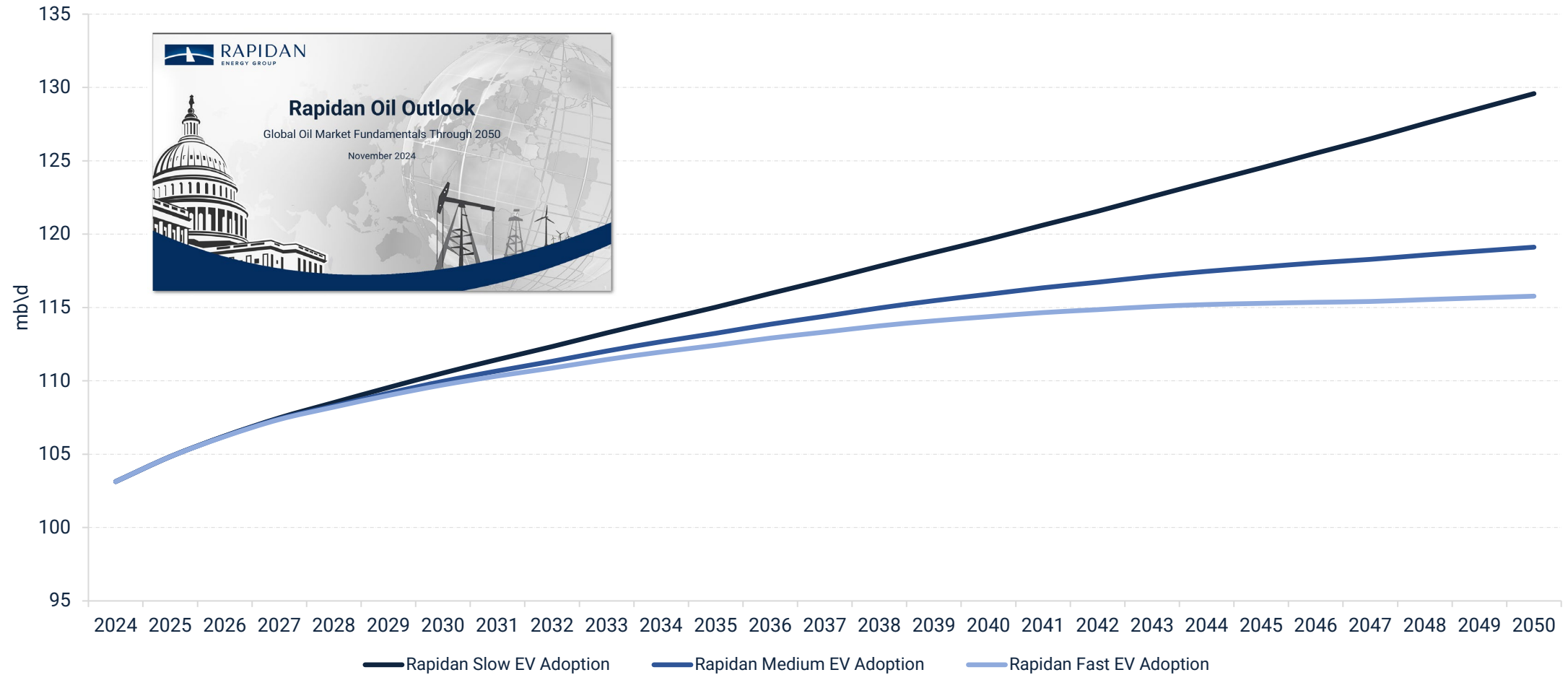
## Global Demand for Other Products



Source: Rapidan Energy Group

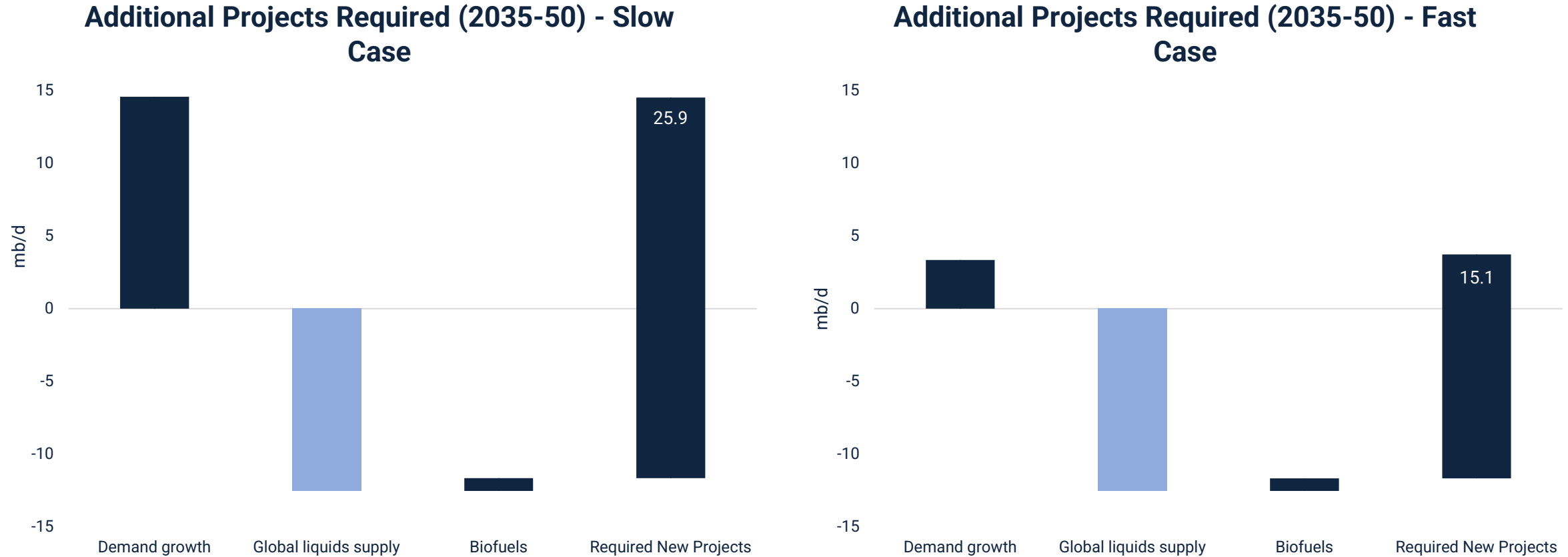
# No Peak Demand In Sight

## Rapidan's Global Oil Demand Scenarios



Source: Rapidan Energy Group, IEA

# Meeting Demand in 2035-2050 Requires Large New Greenfield Capex



Source: Rapidan Energy Group, IEA, OPEC, Company Reports.