



Refined Products S&D Outlook

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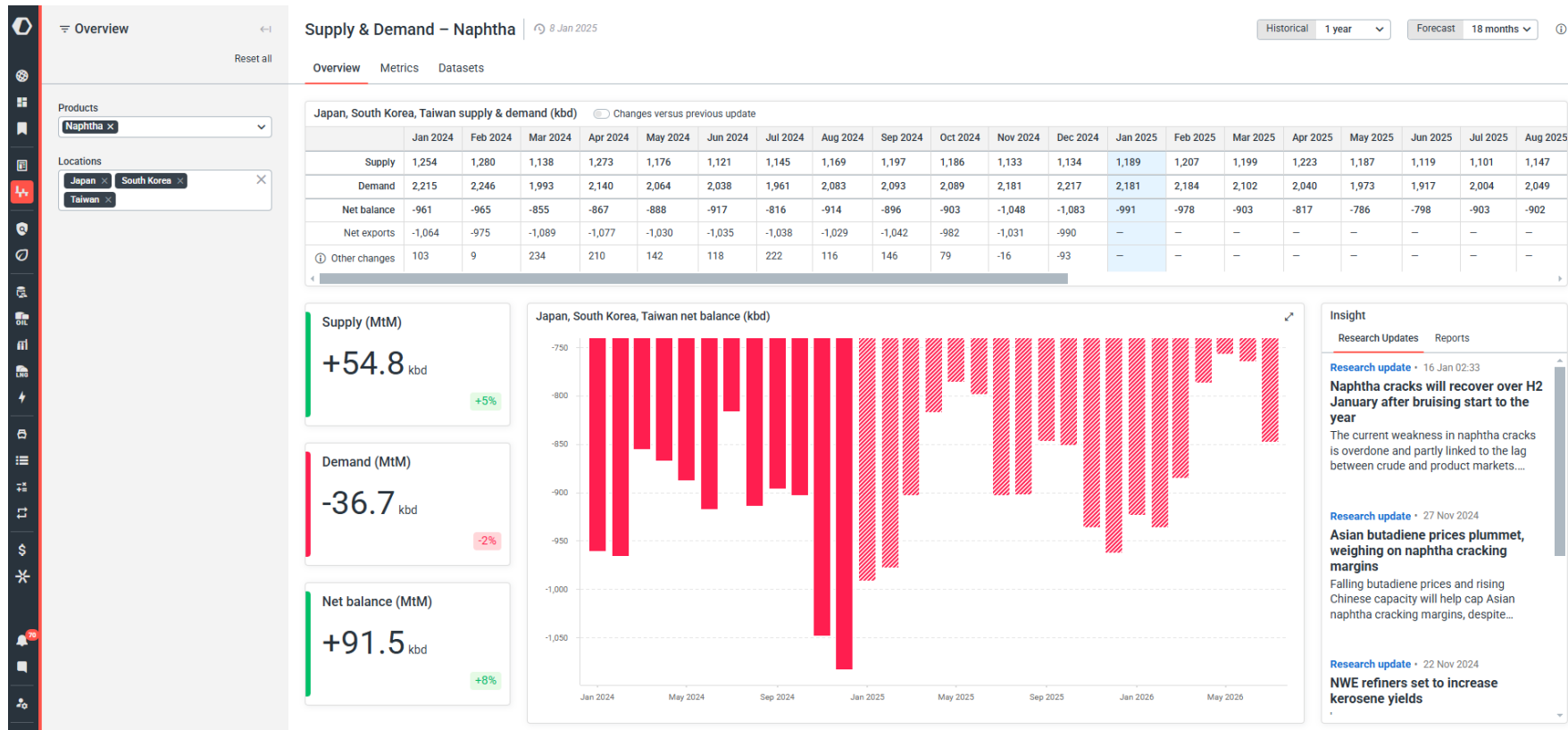
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Global commodity supply & demand

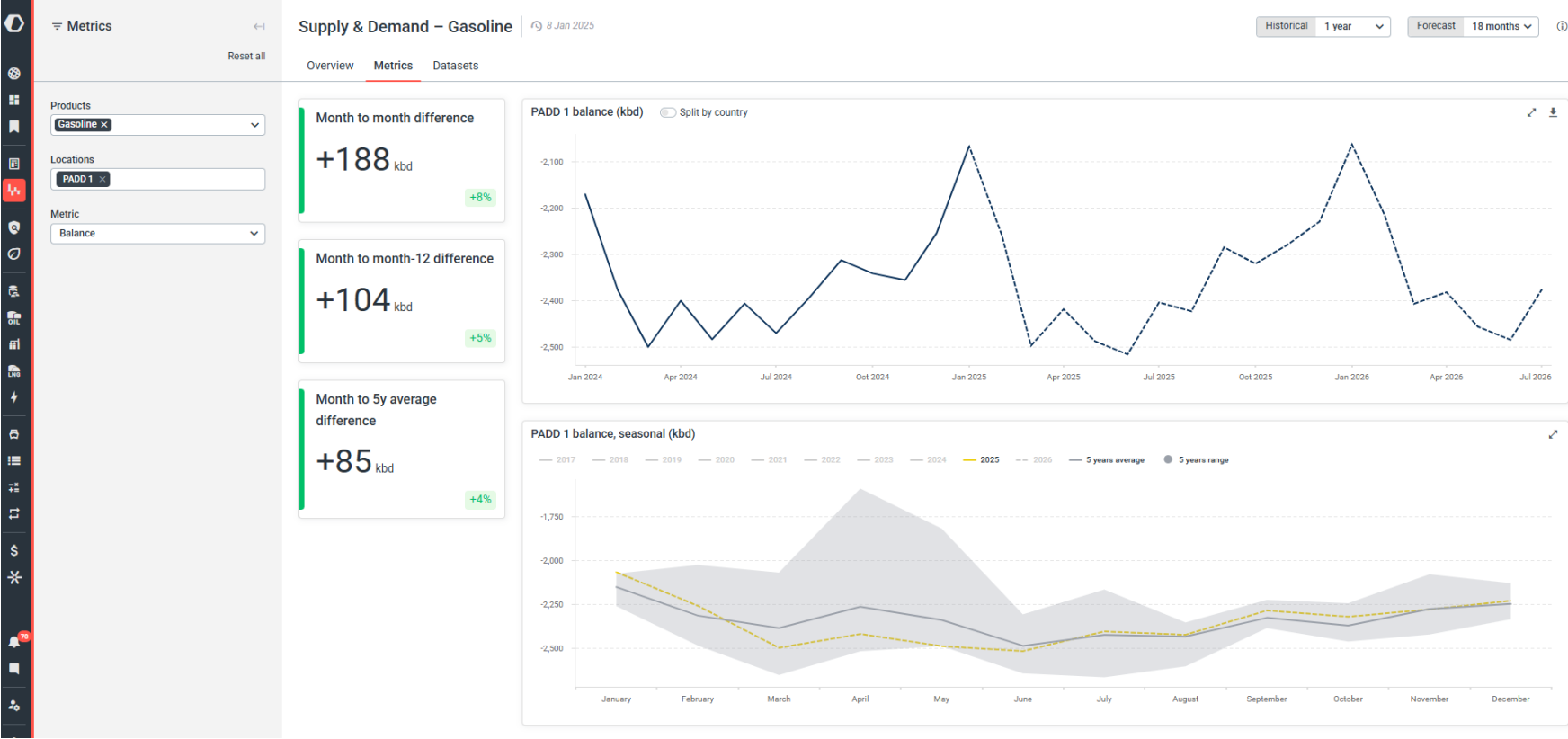
Refined product supply and demand data powered by Kpler's market leading trade flow solution

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Seasonal charts, PADD split available, downloadable dataset and much more...

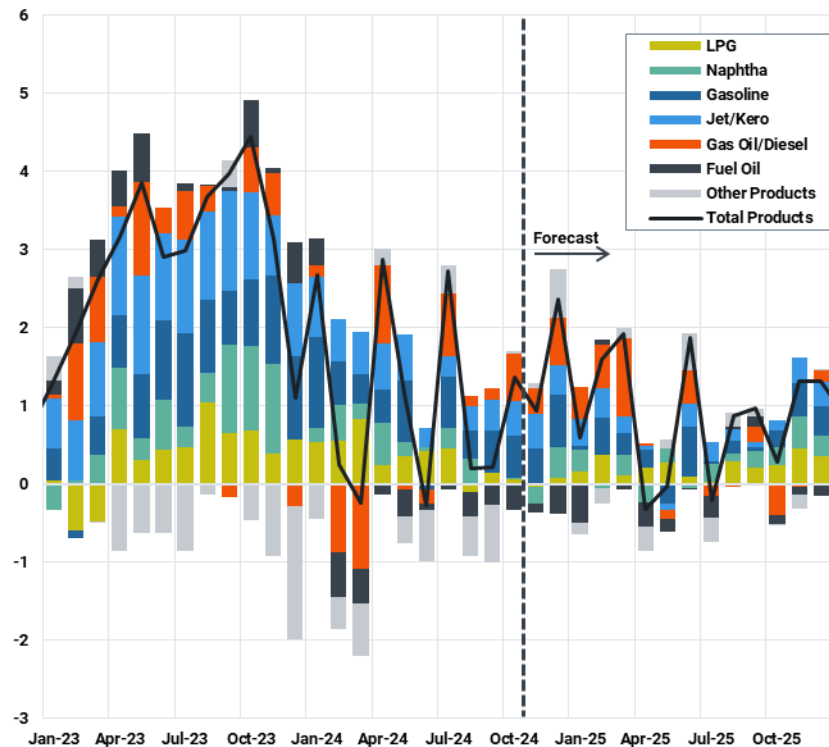
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Constructive outlook for refined products in H1-2025 on low supply

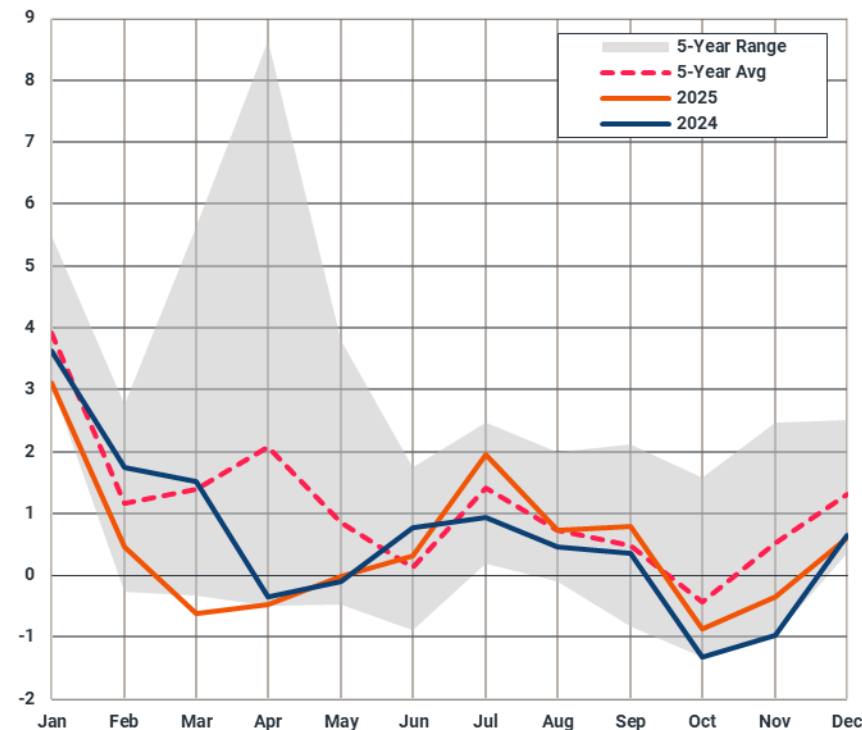
As demand growth slows, the time disconnect between refinery closures and expansions becomes central to our outlook

World refined product demand y/y growth (Mbd)



Source: Kpler

World core refined products balance (Mbd)



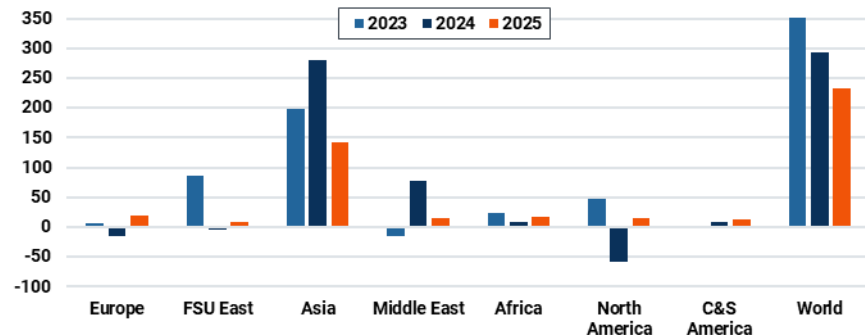
Source: Kpler

Based on observed monthly statistics, as available. All data from November 2024 onwards is Kpler estimates.

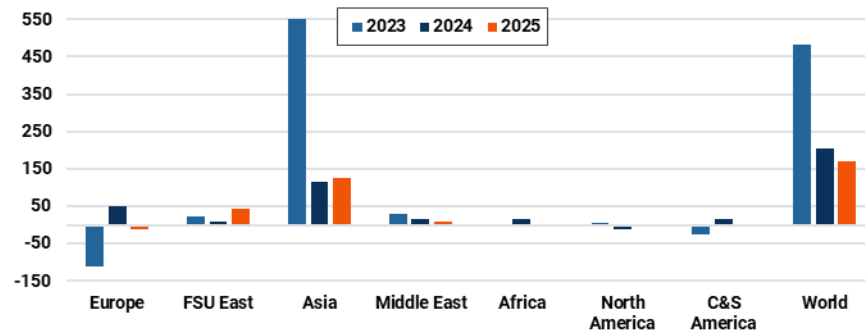
Light ends lead growth, but base chemical supply glut still a concern

China stays committed to expanding its petchem industry, but low margin environment means shutdowns and lower runs

LPG demand y/y growth (kbd)

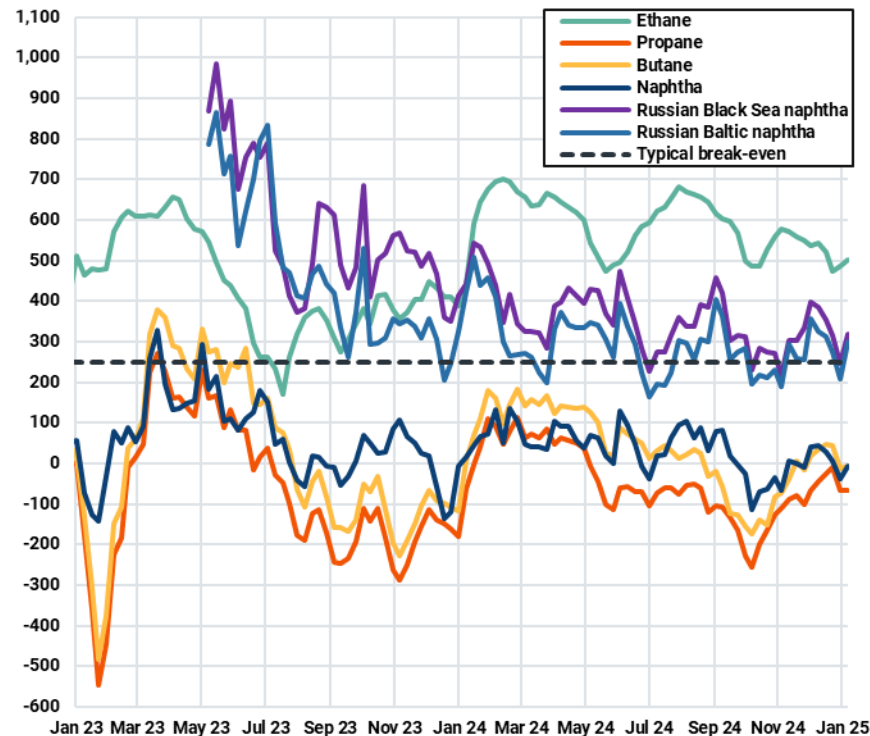


Naphtha demand y/y growth (kbd)



Source: Kpler

NEA gross complex steam cracking margins (\$/t ethylene)



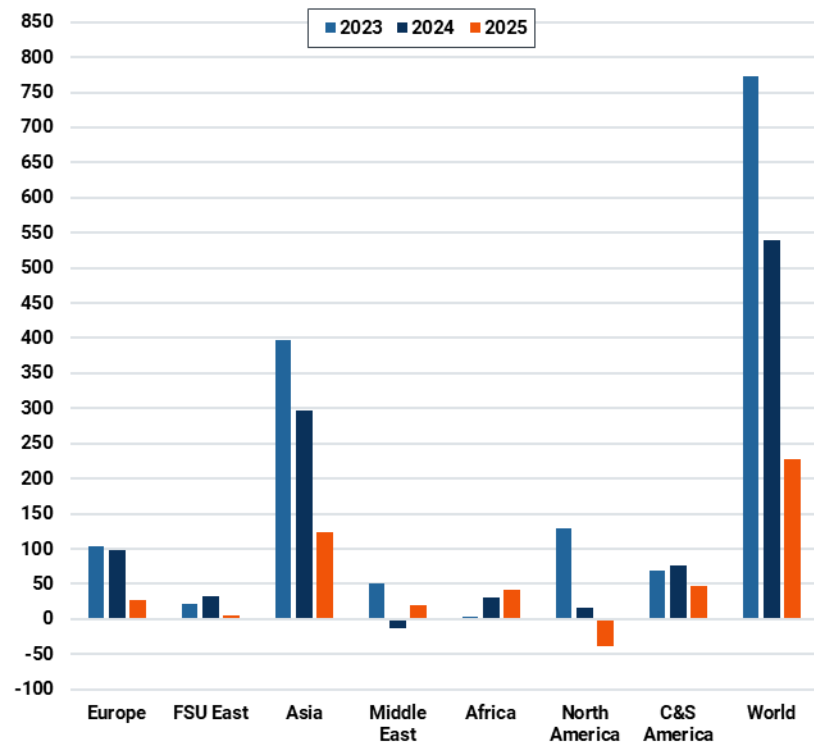
Source: Kpler calculations using Argus Media prices

*Complex steam cracker margins assume the facility includes integrated aromatics and butadiene extraction units

SEA and Europe to become major contributors to 2025 gasoline demand growth

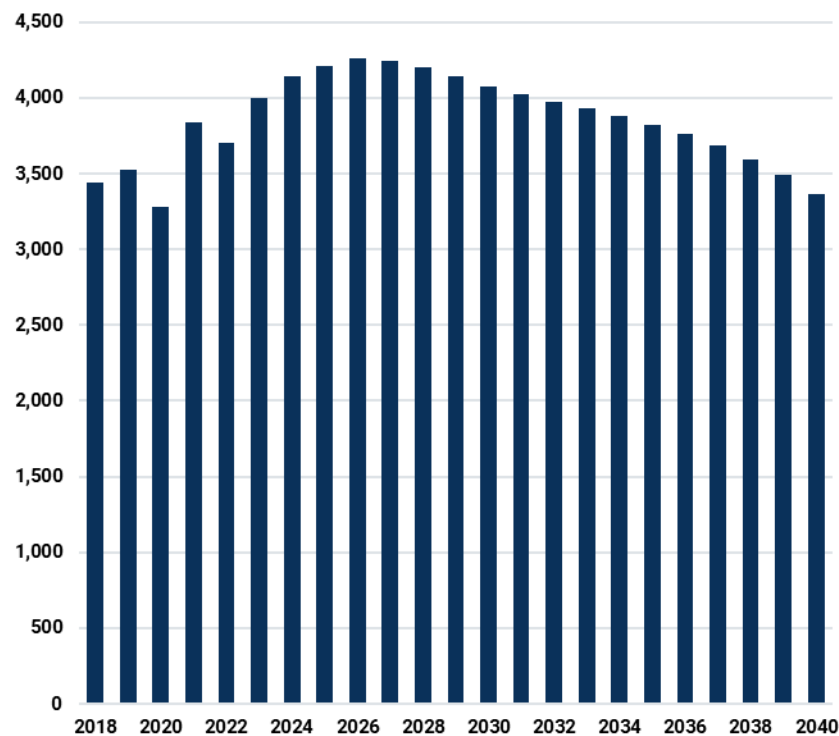
With traffic stagnating in the US, and the growing penetration of EVs in China, both countries now take a back seat

Gasoline demand y/y growth (kbd)



Source: Kpler

Chinese gasoline demand (kbd)



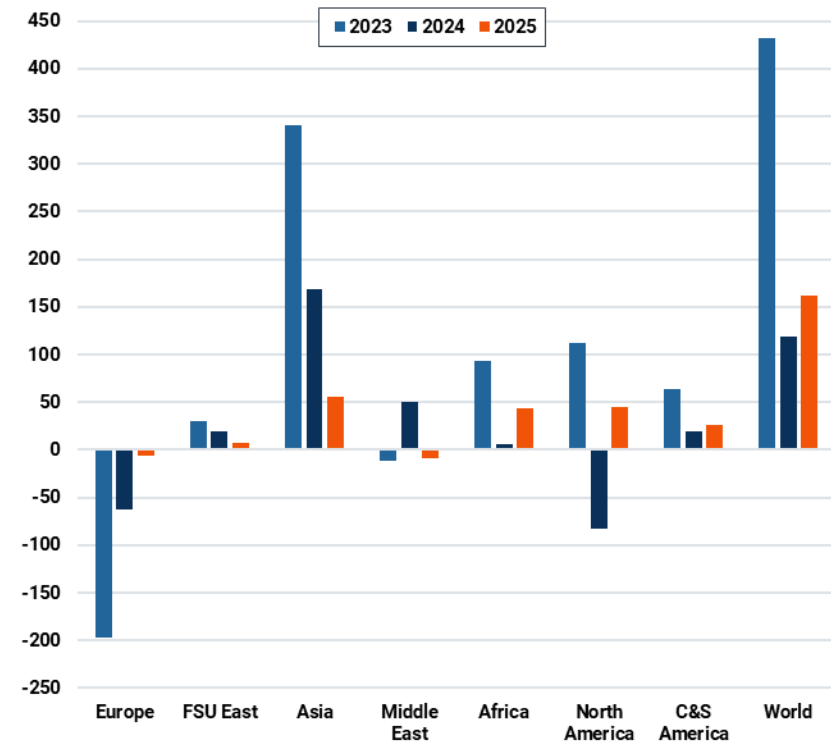
Source: Kpler

Diesel demand to benefit from industrial sector recovery in the US and Europe

Jet fuel demand growth slows on the back of aircraft efficiency gains and near exhaustion of post-COVID traffic recovery

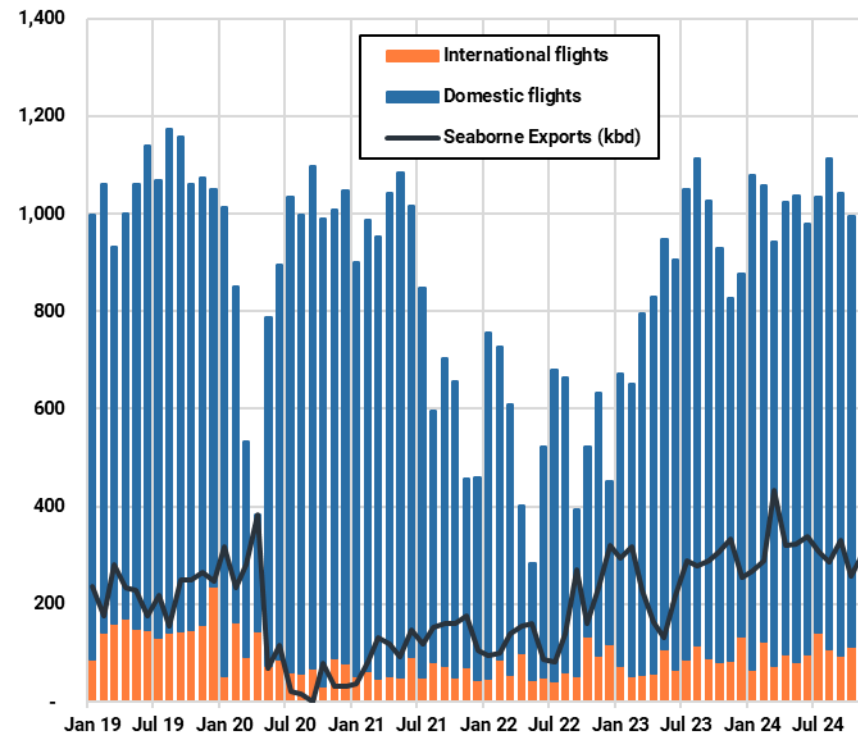
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Gasoil/Diesel demand y/y growth (kbd)



Source: Kpler

Chinese jet fuel demand vs. exports (kbd)

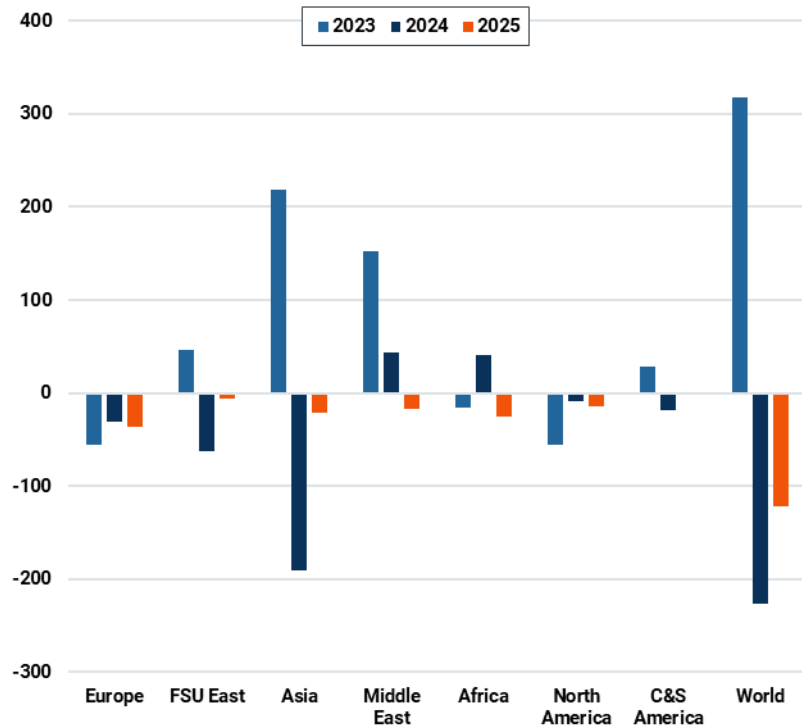


Source: Kpler calculations using PRC General Administration of Customs data, Kpler flows data

FO demand falls as substitution continues in power gen. and industrial sectors

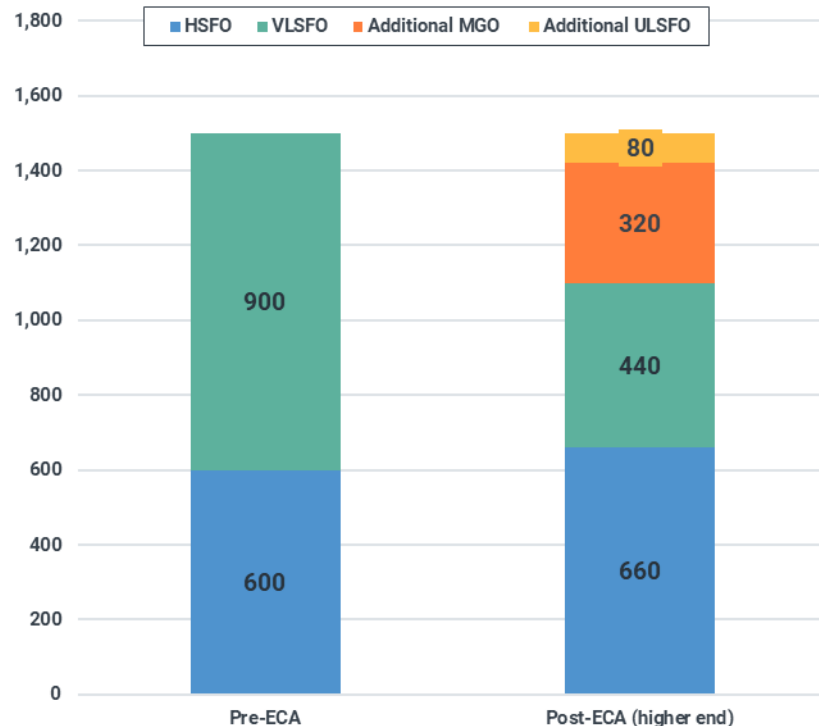
Additionally, Med's new ECA puts 250 kt to 400 kt per month of VLSFO demand at risk of substitution

Fuel oil demand y/y growth (kbd)



Source: Kpler

Impact to FO bunkering demand in the Med from ECA (kt)

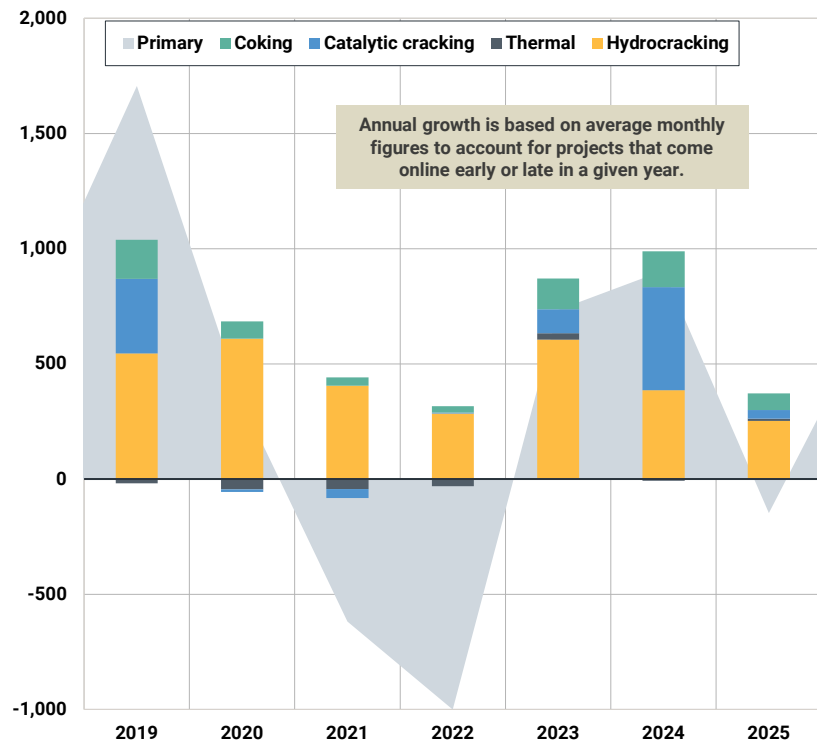


Source: Kpler

Supply: New capacity additions are leaving a strong mark on product markets

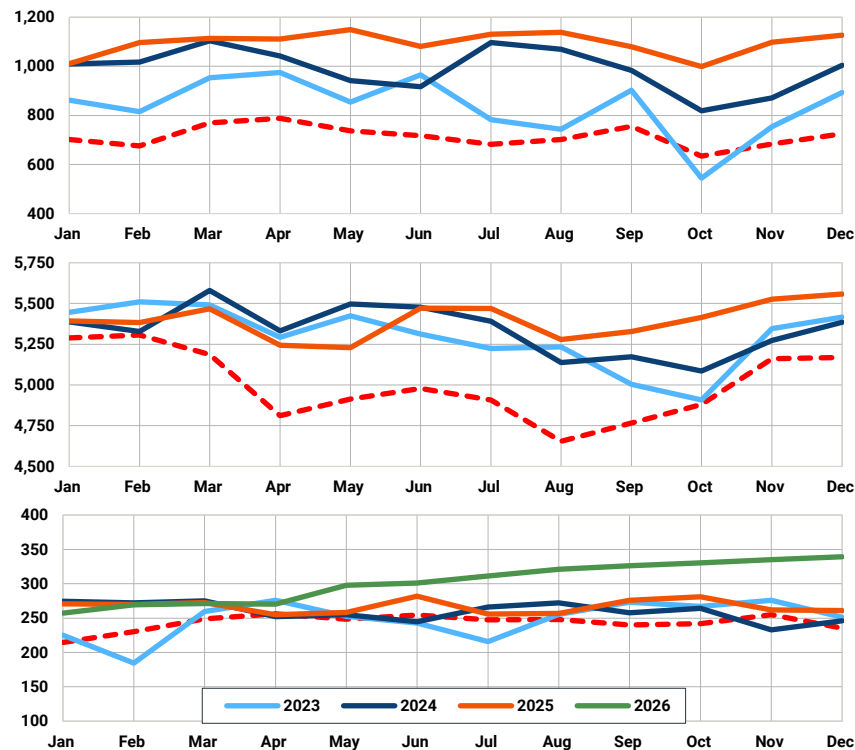
New capacity additions and subdued demand growth spell trouble for margins going forward

Global refinery capacity additions by unit (kbd)



Source: Kpler

Crude intake: Mexico / India / Bahrain (kbd)

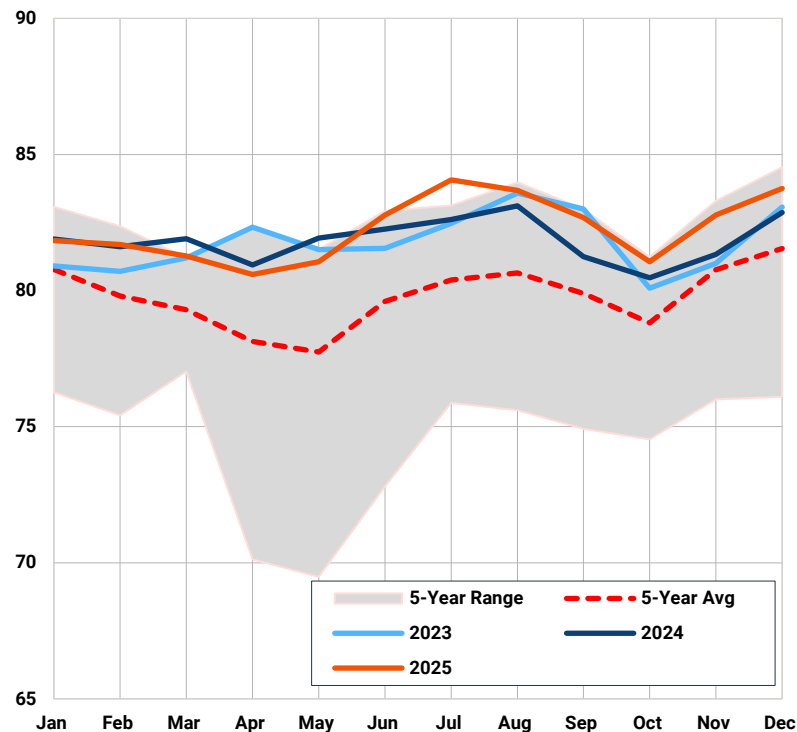


Source: Kpler

Tepid demand growth and rising refinery supply spell trouble for margins in H2

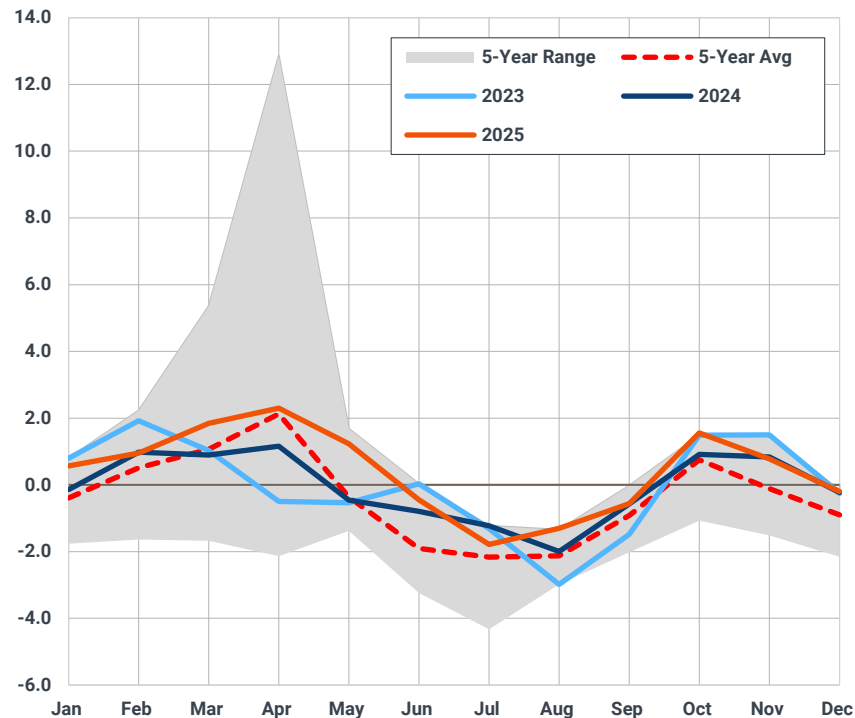
Ref. capacity additions, sluggish demand, and rising crude supply to put pressure on refining margins and cap flat prices

Global crude intake (Mbd)



Source: Kpler
Based on observed monthly statistics, as available. All data from November 2024 onwards is Kpler estimates.

Global crude oil balance (Mbd)

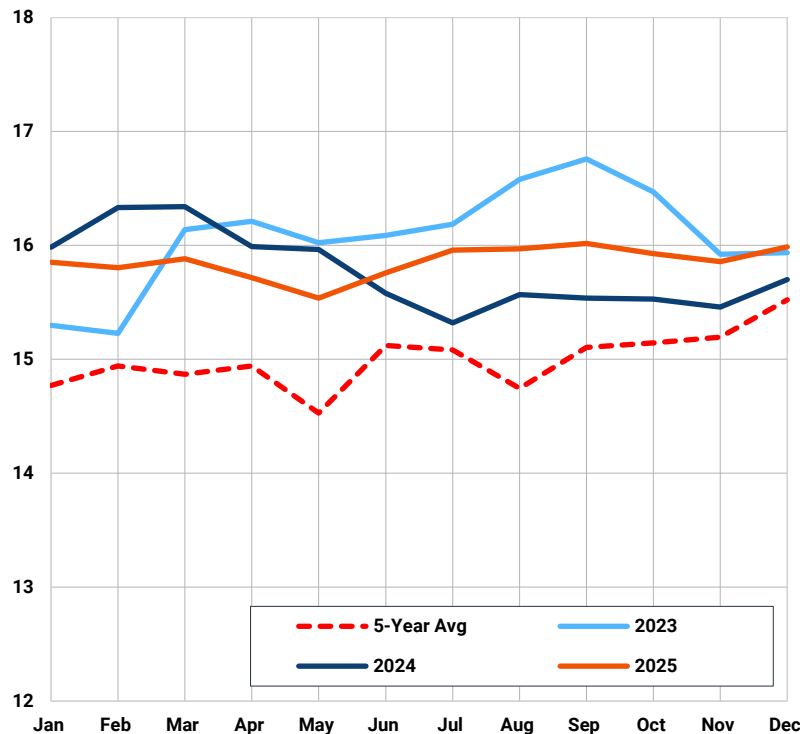


Source: Kpler
Based on observed monthly statistics, as available. All data from November 2024 onwards is Kpler estimates.

Slowing domestic demand and shrinking margins lower Chinese refinery runs

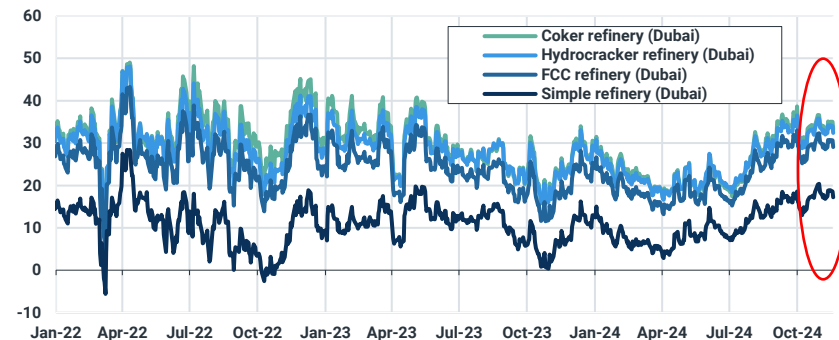
We are already seeing the first signs of Chinese demand peaking soon

China crude intake (Mbd)



Source: Kpler

China domestic refinery margins (\$/bbl)



China export refinery margins (\$/bbl)

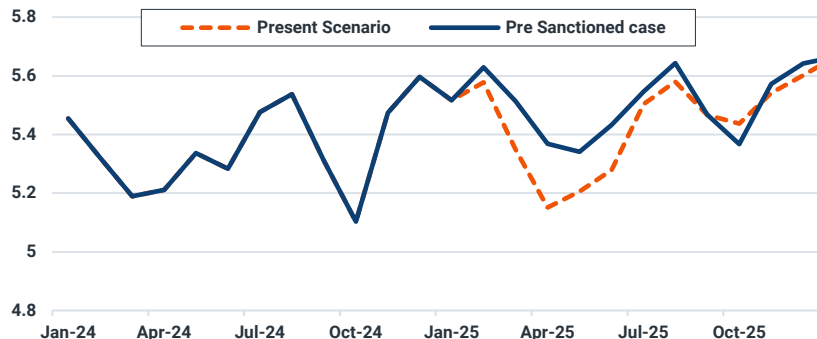


Source: Kpler calculations using Argus Media prices

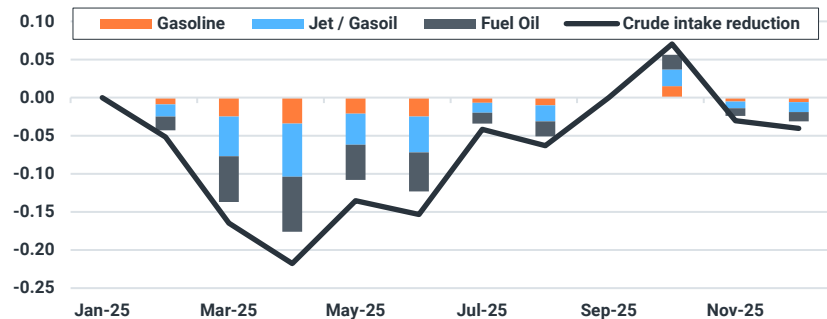
Minor impact on Russian crude intake expected from vessel shortage

Simple refiners to cut crude runs slightly amid vessel shortage, boosting Atlantic Basin markets.

Russian refinery runs (Mbd)

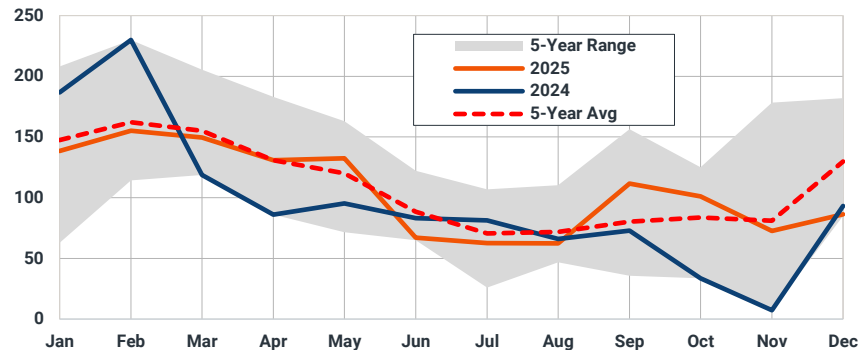


Reduction in Russian refinery supply (Mbd)

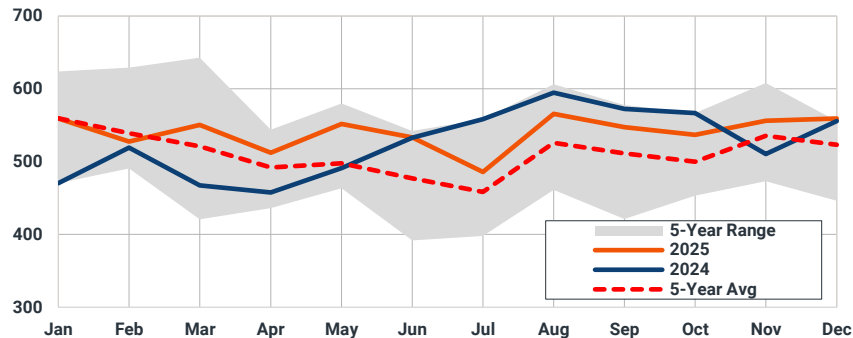


Source: Kpler

Russian gasoline balance (kbd)



Russian fuel oil balance (kbd)

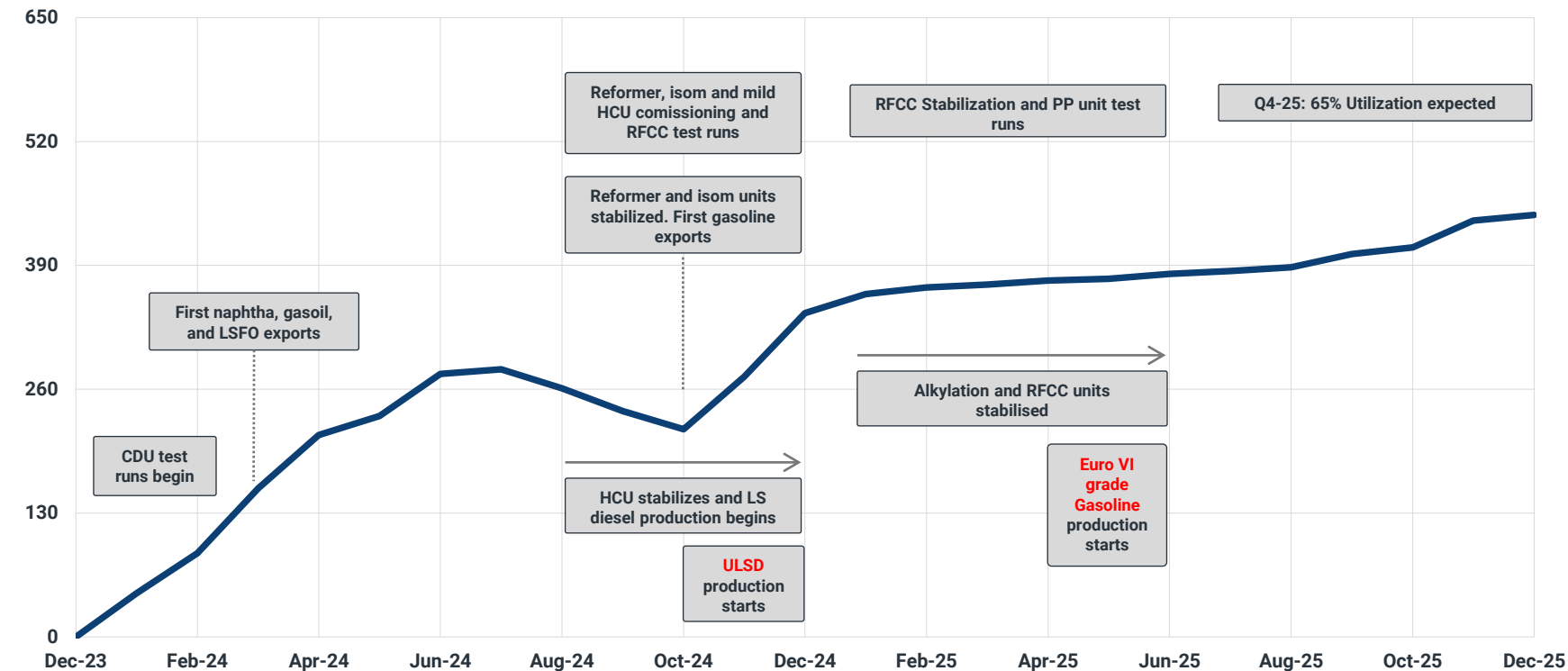


Source: Kpler

Dangote: Ramp-up progressing steadily, contingent on crude availability

Crude imports rose to 450 kbd in December 2024, compared to the 225 kbd average from August to November

Dangote crude intake (kbd)



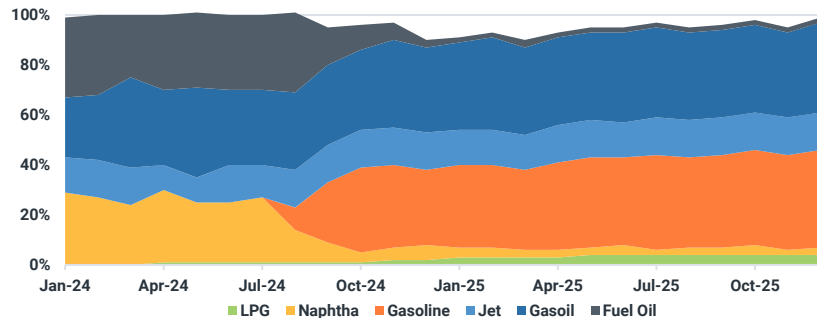
Source: Kpler

Gasoline yield increases as the refinery ramps up and stabilizes its operations

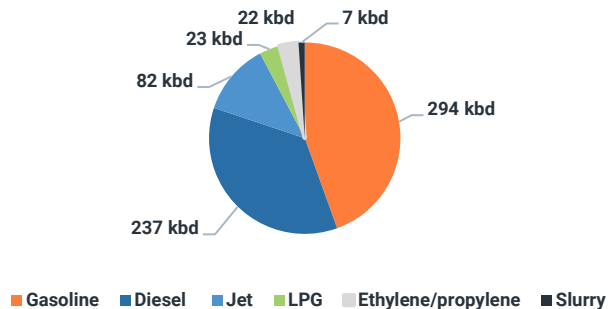
Since commencing gasoline production, Dangote refinery has quickly established itself as a key supplier to Africa

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Nigeria refined product yield (%)

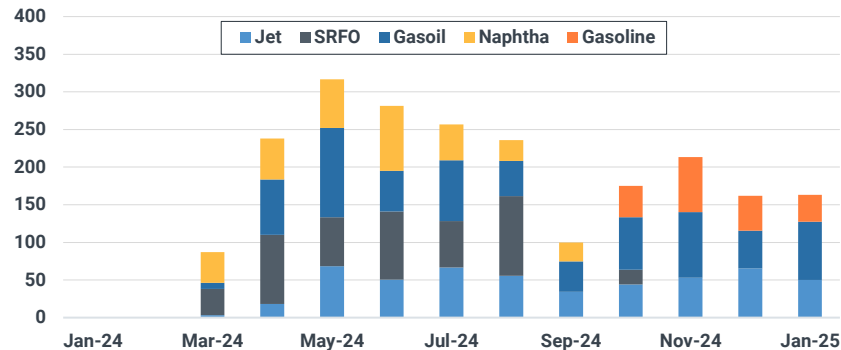


Dangote product yield at full capacity of 650 kbd

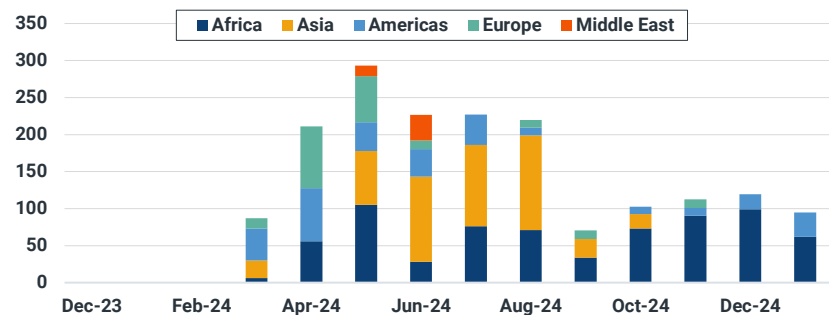


Source: Kpler

Dangote product exports (incl. Nigeria, kbd)



Dangote product exports by destination (excl. Nigeria, kbd)



Source: Kpler

Key takeaways for refinery supply and operations in 2025

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Product Balances

Product Imbalances Loom in 2025: Closures Tighten H1, Startups and ramp up Shift H2. Impact on crude oil balances

Trade Reshuffle

Refinery Expansion Shift Set to Reshape Global Trade Flow

China

Will China's Refining Runs Rebound from the 2024 Dip or Extend the Downtrend?

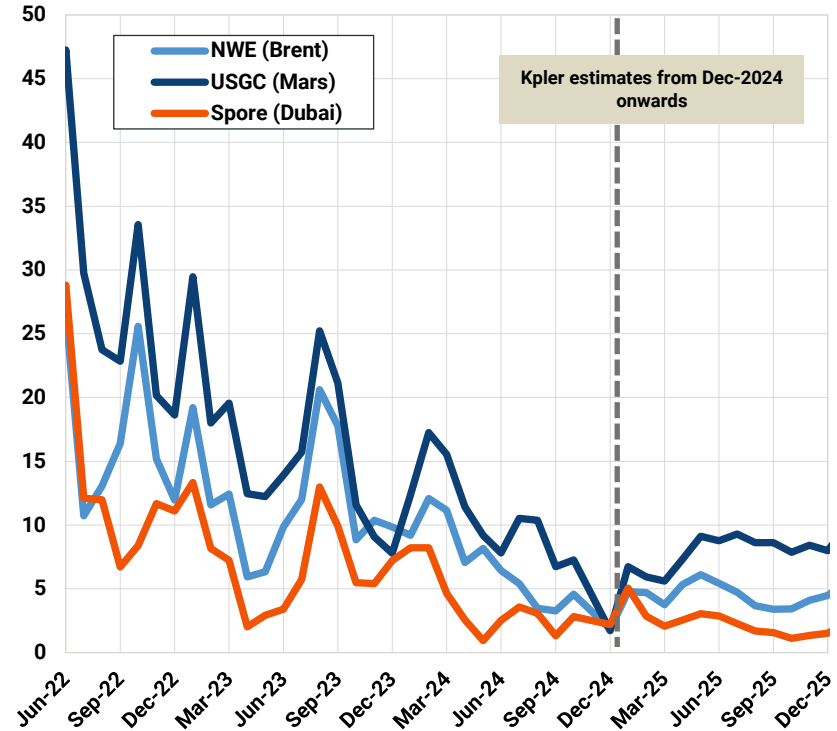
Margins

2025 faces oversupply as capacity growth outpaces demand

Nigeria

Nigeria Poised to Be the Dark Horse in Refining for 2025 with Refinery Startups (Port Harcourt-II / Warri) and Ramp-Ups (Dangote)

Selected Complex Margins (\$/bbl)



Source: Kpler

Q&A

