

Cautionary note



The companies in which Shell plc directly and indirectly owns investments are separate legal entities. In this LNG Outlook "Shell", "Shell Group" are sometimes used for convenience where references are made to Shell plc and its subsidiaries in general. Likewise, the words "we", "us" and "our" are also used to refer to Shell plc and its subsidiaries in general or to those who work for them. These terms are also used where no useful purpose is served by identifying the particular entity or entities. "Subsidiaries", "Shell subsidiaries" and "Shell companies" as used in this Outlook refer to entities over which Shell plc either directly or indirectly has control. The term "joint venture", "joint arrangements", and "associates" may also be used to refer to a commercial arrangement in which Shell has a direct or indirect ownership interest with one or more parties. The term "Shell interest" is used for convenience to indicate the direct and/or indirect ownership interest held by Shell in an entity or unincorporated joint arrangement, after exclusion of all third-party interest.

Forward-Looking Statements

This LNG Outlook contains forward-looking statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) concerning the financial condition, results of operations and businesses of Shell. All statements other than statements of historical fact are, or may be deemed to be, forward-looking statements. Forward-looking statements are statements of future expectations and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in these statements. Forward-looking statements are identified by their use of terms and phrases such as "aim"; "ambition"; "onticipate"; "objectives"; "outlook"; "plan"; "probably"; "project"; "risks"; "schedule"; "seek"; "should"; "target"; "will"; "would" and similar terms and phrases. There are a number of factors that could affect the future operations of Shell and could cause those results to differ materially from those expressed in the forward-looking statements included in this Outlook, including (without limitation): (a) price fluctuations in crude oil and natural gas; (b) changes in demand for Shell's products; (c) currency fluctuations; (d) drilling and production results; (e) reserves estimates; (f) loss of market share and industry competition; (g) environmental and physical risks; (h) risks associated with the identification of suitable potential acquisition properties and targets, and successful negotiation and completion of such transactions; (i) the risk of doing business in developing countries and countries subject to international sanctions; (i) the risk of doing business in developing countries and countries subject to international sanctions; (i) political risks, including the risks of expropriation and renegotiation of the terms of contracts with governmental entities, delays or advancements in the approval of projects and delays in the reimbursement for shared costs; (m) risks associated with the impact of pandemics, such a

Shell's Net Carbon Intensity

Also, in this Outlook we may refer to Shell's "Net Carbon Intensity" (NCI), which includes Shell's carbon emissions from the production of our energy products, our suppliers' carbon emissions in supplying energy for that production and our customers' carbon emissions associated with their use of the energy products we sell. Shell's NCI also includes the emissions associated with the production and use of energy products produced by others which Shell purchases for resale. Shell only controls its own emissions. The use of the terms Shell's "Net Carbon Intensity" or NCI are for convenience only and not intended to suggest these emissions are those of Shell plc or its subsidiaries.

Shell's net-zero emissions target

Shell's operating plan, outlook and budgets are forecasted for a ten-year period and are updated every year. They reflect the current economic environment and what we can reasonably expect to see over the next ten years. Accordingly, they reflect our Scope 1, Scope 2 and NCI targets over the next ten years. However, Shell's operating plans cannot reflect our 2050 net-zero emissions target, as this target is currently outside our planning period. In the future, as society moves towards net-zero emissions, we expect Shell's operating plans to reflect this movement. However, if society is not net zero in 2050, as of today, there would be significant risk that Shell may not meet this target.

Forward-Looking non-GAAP measures

This Outlook may contain certain forward-looking non-GAAP measures. We are unable to provide a reconciliation of these forward-looking non-GAAP measures to the most comparable GAAP financial measures because certain information needed to reconcile those non-GAAP measures to the most comparable GAAP financial measures is dependent on future events some of which are outside the control of Shell, such as oil and gas prices, interest rates and exchange rates. Moreover, estimating such GAAP measures with the required precision necessary to provide a meaningful reconciliation is extremely difficult and could not be accomplished without unreasonable effort. Non-GAAP measures in respect of future periods which cannot be reconciled to the most comparable GAAP financial measure are calculated in a manner which is consistent with the accounting policies applied in Shell plc's consolidated financial statements.

The contents of websites referred to in this report do not form part of this LNG Outlook.

We may have used certain terms, such as resources, in this Outlook that the United States Securities and Exchange Commission (SEC) strictly prohibits us from including in our filings with the SEC. Investors are urged to consider closely the disclosure in our Form 20-F, File No 1-32575, available on the SEC website www.sec.gov.

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Summary

LNG enables lower emissions in hard-to-electrify sectors and paves the way for net-zero emissions

- The global trade in LNG is set to rise significantly by 2040, driven by Asian economic growth, the need to decarbonise heavy industry and transport and the emerging growth in the energy-intense tech sector.
- LNG is becoming a cost-effective fuel for shipping and road transport that can bring down emissions. Longer term, existing gas infrastructure could be used to import bio-LNG or synthetic LNG and also repurposed for the import of green hydrogen.



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Negligible supply growth and resilient Asian demand kept prices elevated in 2024

- Global trade in LNG reached 407 million tonnes in 2024, an increase of just 3 million tonnes from 2023, the lowest annual supply addition for 10 years.
- Demand for LNG strengthened in Asia during the first half of 2024 as China took advantage of lower prices and India bought more cargoes to help meet strong power demand due to hot summer weather.
- European imports fell by 23 million tonnes, or 19%, due to strong renewable energy generation and continued weakness in industrial gas demand.

With rising global demand, LNG is a fuel of choice to ensure energy system resilience

- Demand for gas continues to gather pace across Asia, with China and India significantly increasing their regasification and downstream infrastructure.
- More than 170 million tonnes of new LNG supply is set to come on to the market by 2030, helping to meet growing long-term global demand for gas. But project start-up timings remain uncertain.
- Europe and Japan will continue to require LNG to fill a widening gap between energy diversification ambitions and actual investment levels.

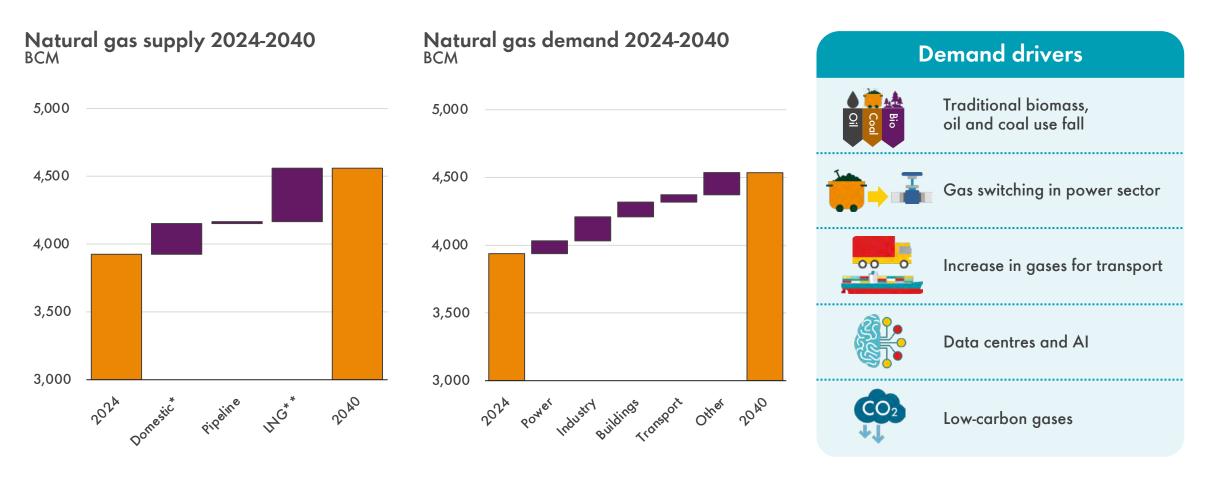




The world continues to need more natural gas







Source: Shell's interpretation of Wood Mackenzie data 2024

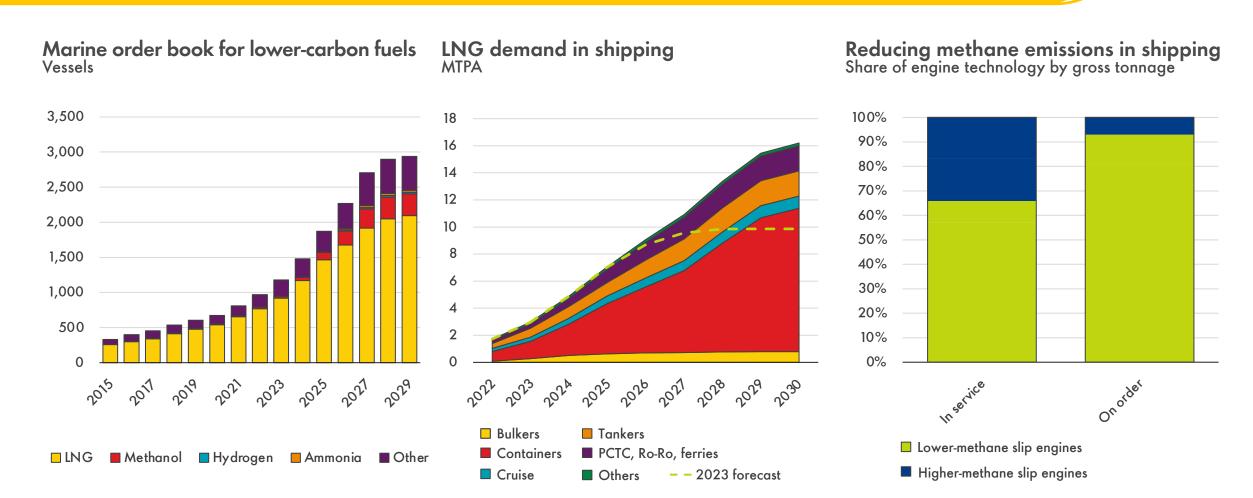
^{*}Indigenous production includes stock build, other losses; **excluding LNG liquefaction losses

Other includes stock changes, losses, blue hydrogen production

LNG demand grows in hard-to-electrify sectors



Clear cost and environmental benefits of LNG in marine transportation



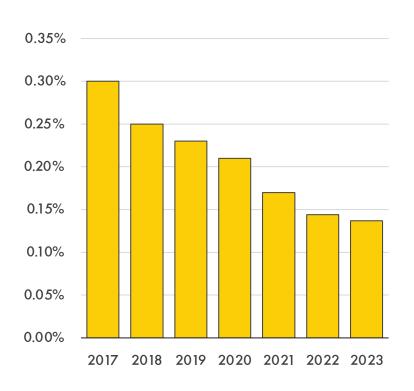
Source: Shell's interpretation of Clarkson's data 2025,Other: biofuel, CNG, ethane, LPG, nuclear; PCTC: pure car, truck carrier; Ro-Ro: roll-on/roll-off
Lower methane slip engines: 2-stroke dual fuel slow speed Otto Gen 1, 4-stroke medium speed Otto and LBSI engines

Progress in reducing methane emissions in LNG value chain

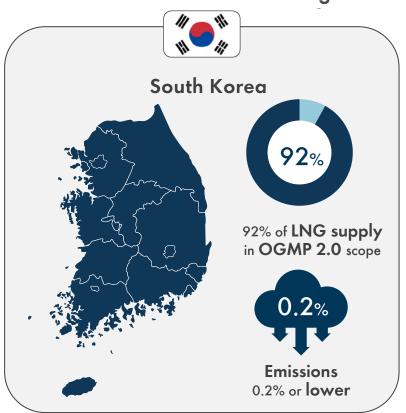
Shell LNG Outlook 2025

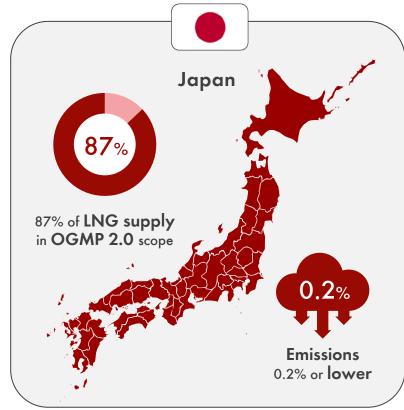
Efforts to achieve near-zero targets for 2030

Methane intensity of upstream production Collective methane intensity of OGCI* members



Measuring methane emissions of LNG





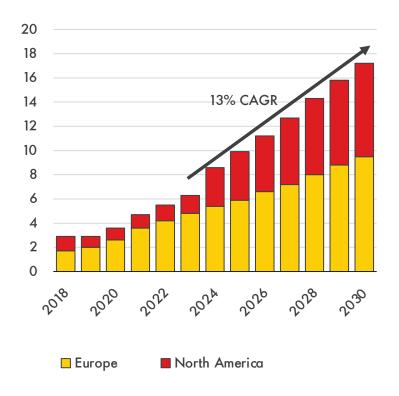
Source: Shell's interpretation of Oil and Gas Climate Initiative (OGCI) progress report 2024, UN Environment Programme's International Methane Emissions Observatory 2024 data *Oil and Gas Climate Initiative members (~30% of total global oil and gas production); emissions are estimated to be within or below 0.2% from wellhead to LNG loading arm

Liquefied biomethane will play a growing role in transport

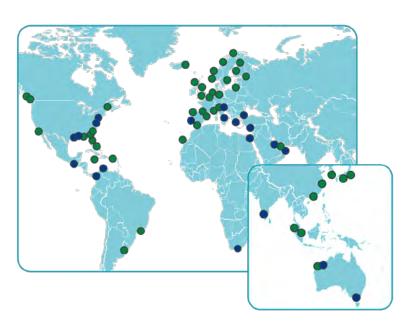
LNG delivers GHG savings and supports future compliance



Biomethane production BCM

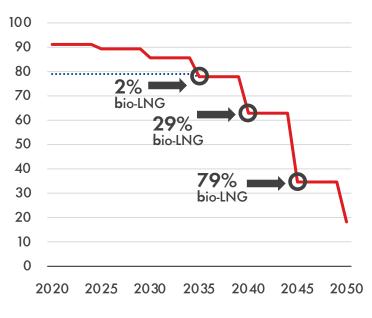


LNG bunkering ports



Available today
 Under development

Shipping GHG intensity targets gCO₂e/MJ



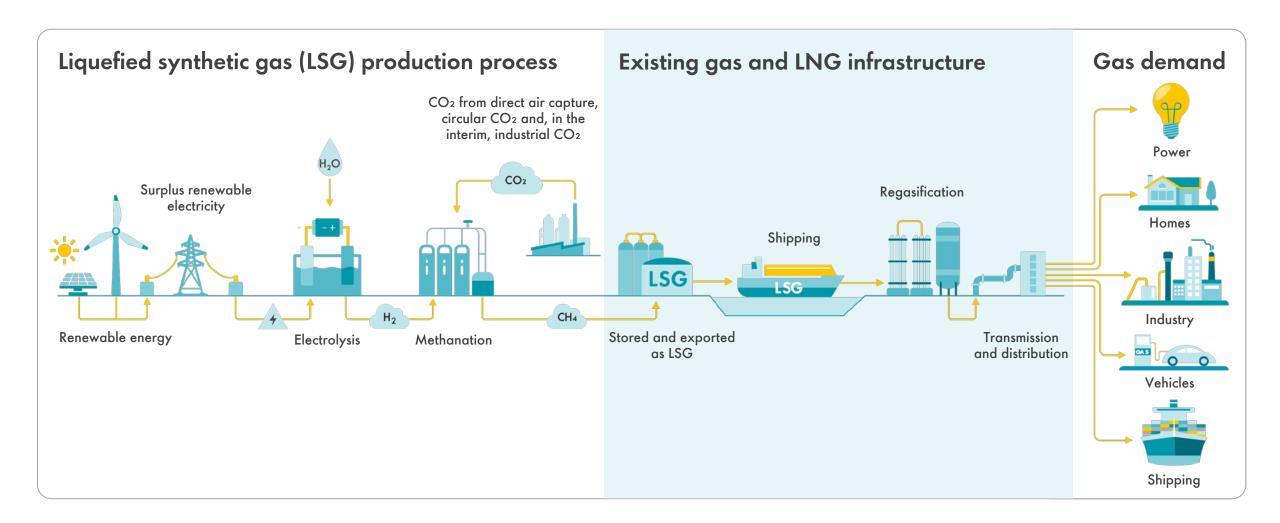
FuelEU GHG intensity limit LNG intensity

Source: Shell's interpretation of S&P Global,, SEA-LNG and FuelEU Maritime data

LSG: using existing LNG infrastructure to achieve net zero

Can deliver the energy to supply all industrial demand in USA & Japan







LNG spot prices strengthened throughout 2024





2024 Asia LNG spot prices* \$/MMBtu





Opportunistic buying in Q1 as mild winter and high inventories offered attractive prices for end users, mostly in China



Record heat
in India stretched
coal generation
capacity, driving increase
in spot LNG purchases,
despite elevated prices

Q3

Delayed construction of new LNG plants and declining domestic production in Egypt reduced global supply



Ongoing threats
of Russian pipeline supply
curtailment via Ukraine
and weak European
storage-fill triggered
scarcity fears

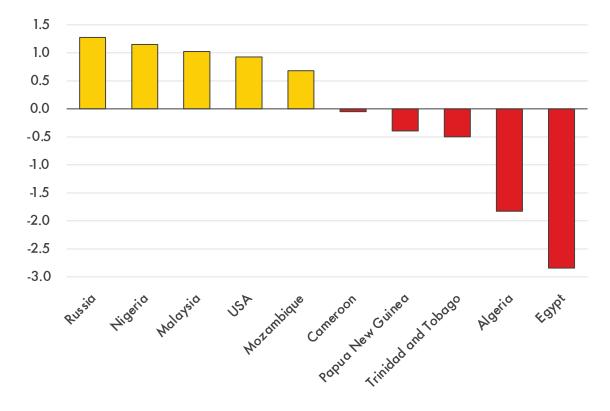
Source: Shell interpretation of S&P Global Commodity Insights data *Daily Japan/Korea Marker (JKM) prices

2024 saw lowest growth in LNG export capacity in 10 years

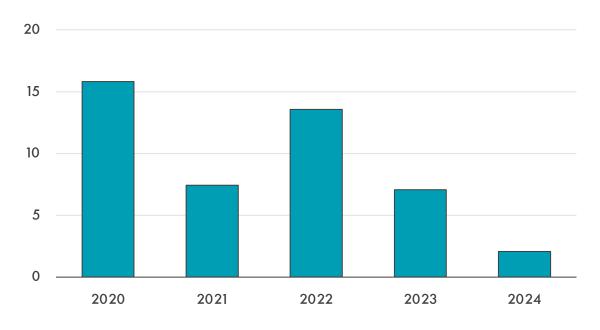
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Growth restricted by gas production declines and construction delays

Change in global LNG exports* 2024 (YoY)



Global LNG export capacity additions **MTPA**



Source: Shell interpretation of Kpler and Wood Mackenzie data

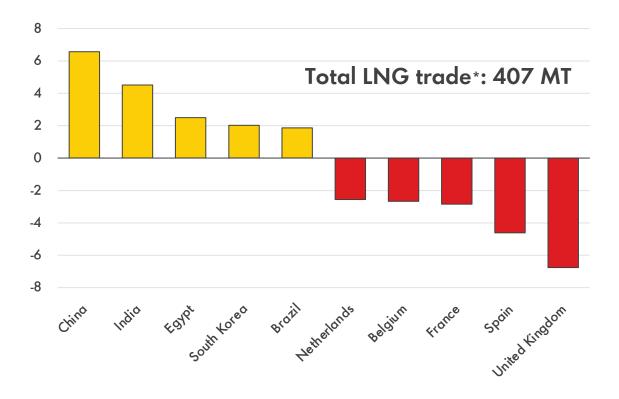
^{*}Represents free on board (FOB) volume; YoY: year-on-year comparison

Strong Asian demand comes at Europe's expense

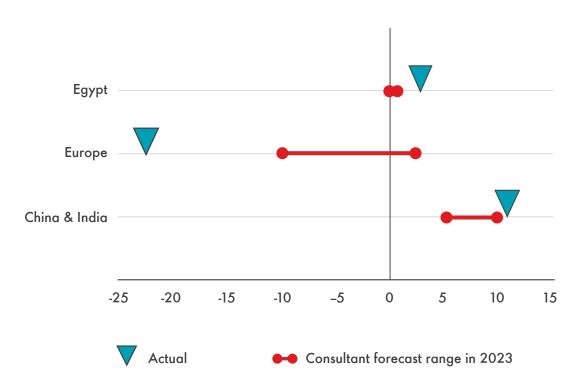
Shell LNG Outlook 2025

The shortfall in local supply made Egypt a net LNG importer in 2024

Change in LNG imports* 2024 (YoY) MTPA



LNG import growth vs forecast 2024 (YoY)



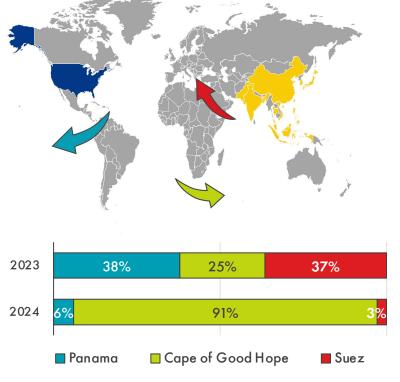
Source: Shell interpretation of Kpler, S&P Global Commodity Insights, Wood Mackenzie and Poten & Partners data *Represents delivered, ex-ship (DES) volume; YoY: year-on-year comparison

LNG shipping rates hit record low despite canal bottlenecks

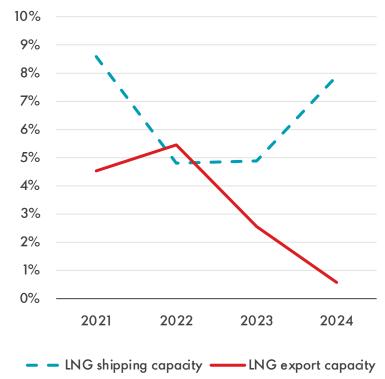




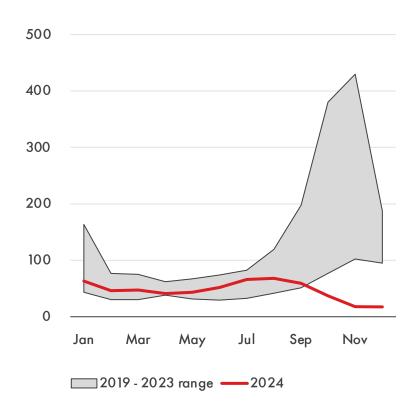




LNG tanker vs liquefaction capacity % change YoY



Average LNG tanker charter rates* \$1000s/day



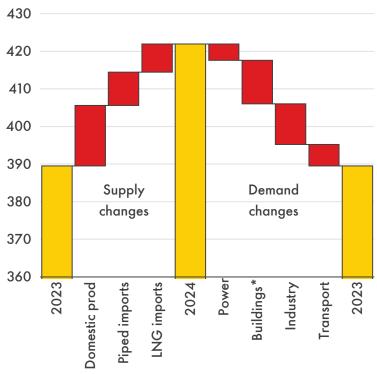
Source: Shell interpretation of Kpler, S&P Global Commodity Insights, Wood Mackenzie, and FGE data *Average of shipping daily rates of tri-fuel diesel electric and 2-stroke tankers

Chinese LNG demand recovery nears 2021 peak

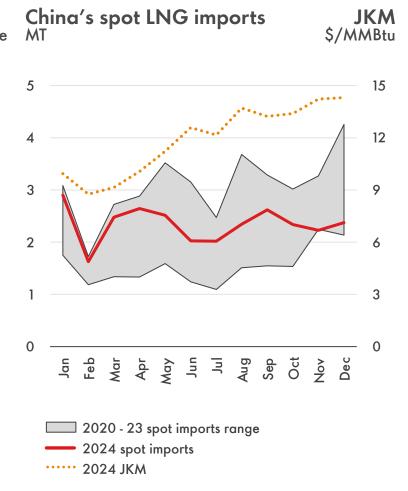
Spot buying remained steady but was reactive to price







China's LNG imports **MTPA** Share 90 30% 75 24% 60 18% 45 12% 30 6% 15 0% 2021 2022 2023 2024 2020 --- Share of global total LNG imports

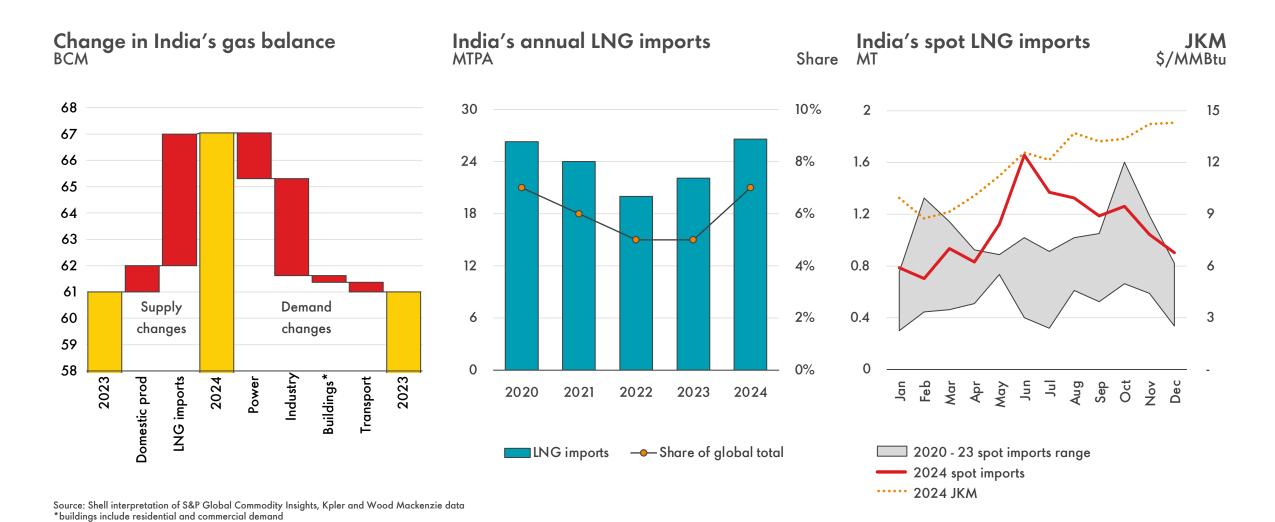


Source: Shell interpretation of S&P Global Commodity Insights and Kpler data *buildings include residential and commercial demand

India's LNG imports hit record level in 2024

Summer heatwave drove strong spot buying despite elevated prices



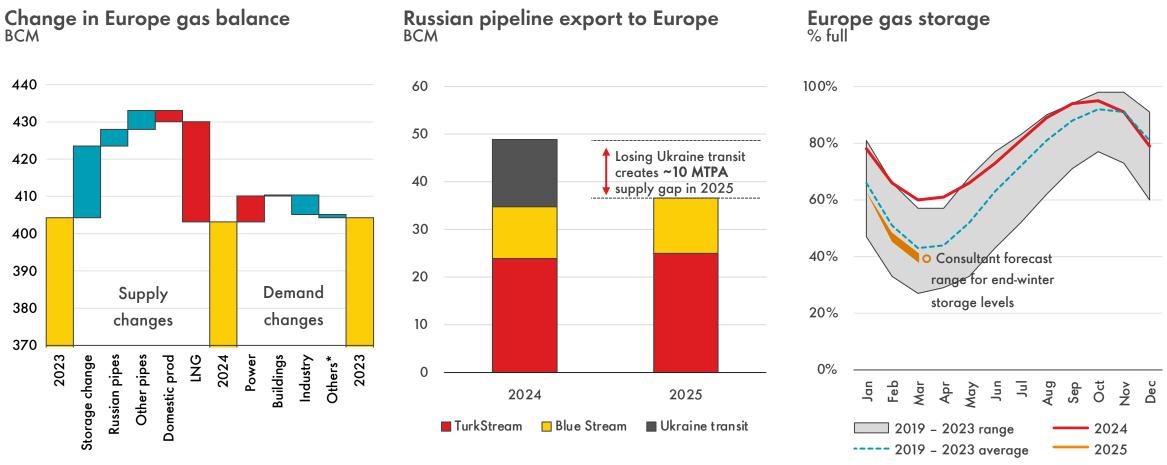


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Europe faces tight gas balance despite weak demand



Lower inventories and less wind generation intensified need for LNG in Q4



Source: Shell interpretation of Gas Infrastructure Europe, Wood Mackenzie, and BloombergNEF data Europe includes UK + EU27, excluding Cyprus

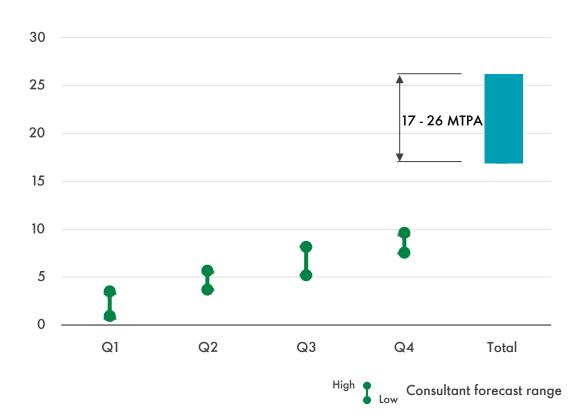
^{*}Includes blue hydrogen, transport and pipeline exports

New LNG supply limited until second half of 2025

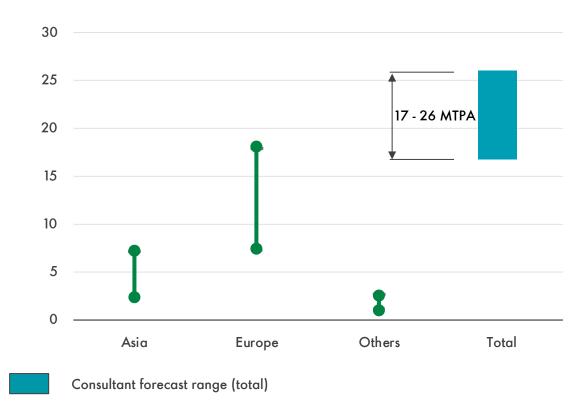








Forecast LNG demand growth 2025 (YoY) MTPA



Source: Shell interpretation of S&P Global Commodity Insights, Wood Mackenzie and Energy Aspects data

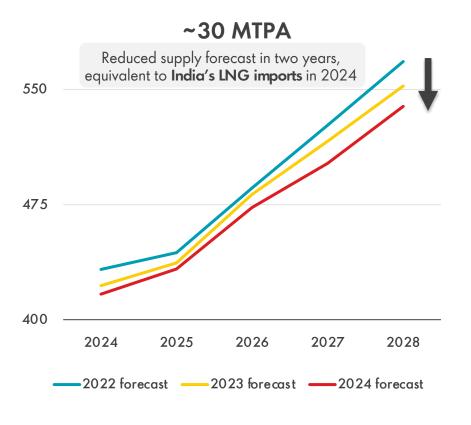


LNG supply growth is coming, but timing remains uncertain

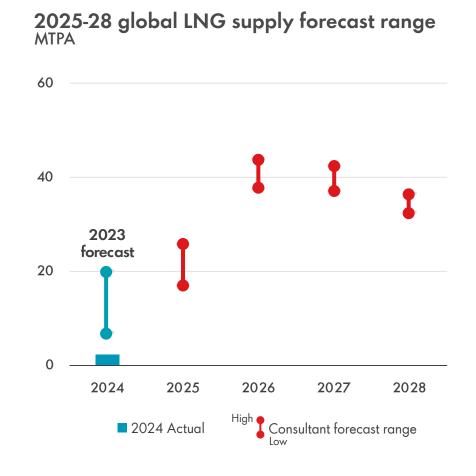
Shell LNG Outlook 2025

New project development faces multiple challenges

Global LNG supply forecast evolution MTPA





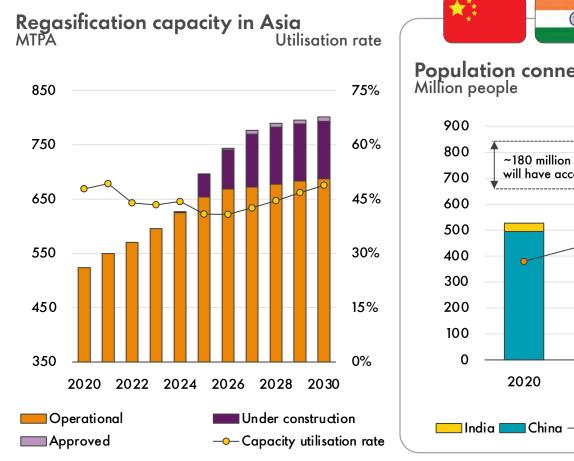


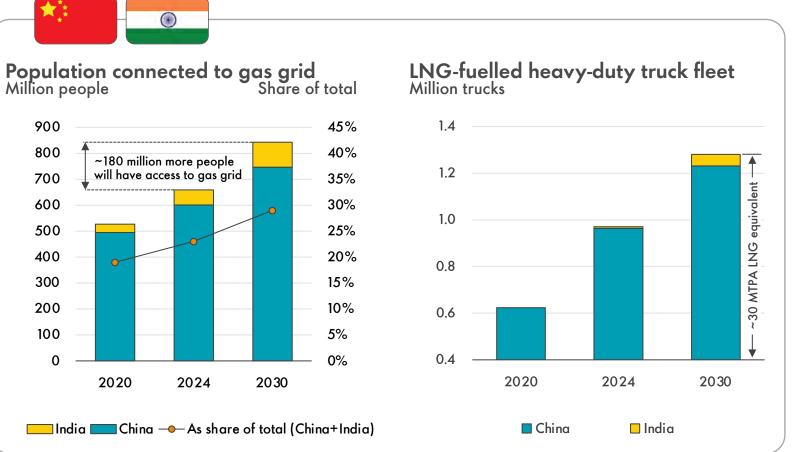
Source: Shell interpretation of S&P Global Commodity Insights, Wood Mackenzie and Energy Aspects data

Infrastructure investment signals strong LNG growth in Asia

Shell LNG Outlook 2025

Expansion in China and India set to drive greater gas use



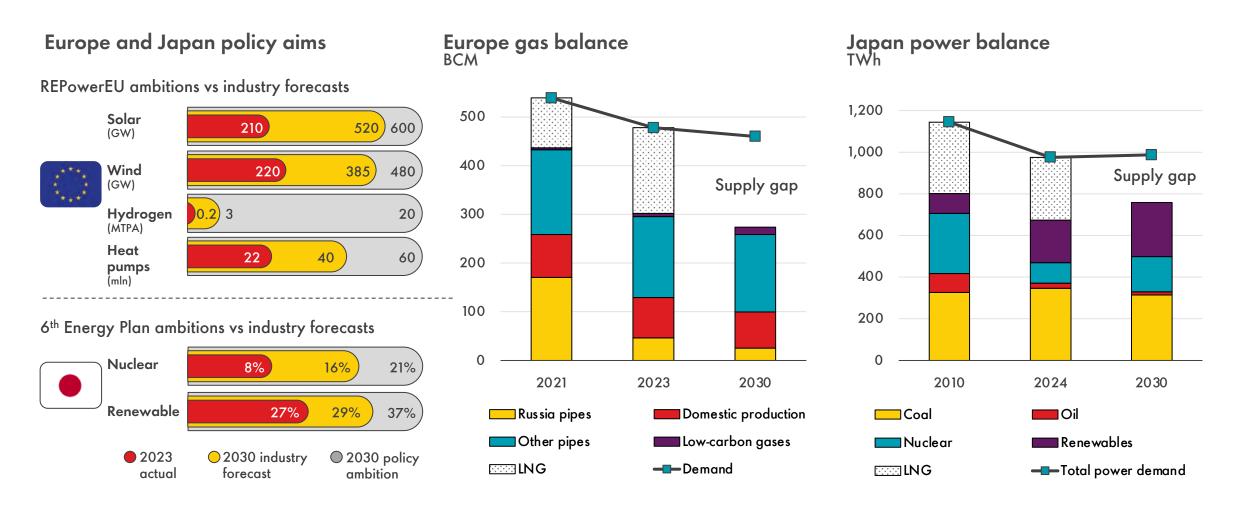


Source: Shell interpretation of Wood Mackenzie, World Bank, S&P Global Commodity Insights, and National Institution for Transforming India data

LNG provides energy security in transitioning markets



European Union and Japan falling short of policy aims

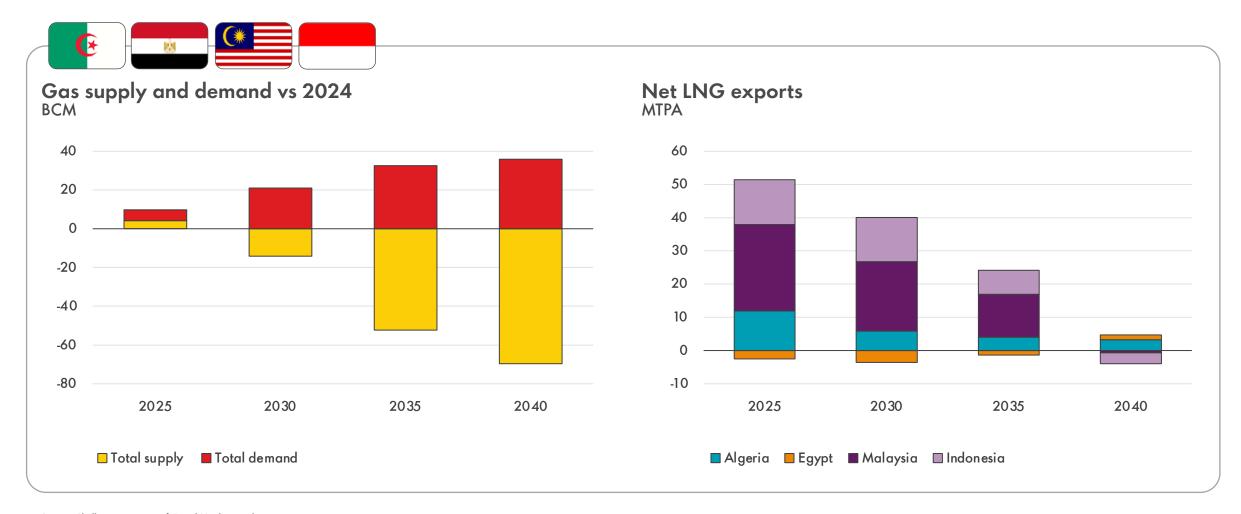


Source: Shell interpretation of S&P Global Commodity Insights, Wood Mackenzie, European Commission, and Japan's Ministry of Economy, Trade and Industry (METI) data

Declining reserves, growing demand slow legacy LNG exports



Algeria, Egypt, Malaysia & Indonesia will export less to the global market

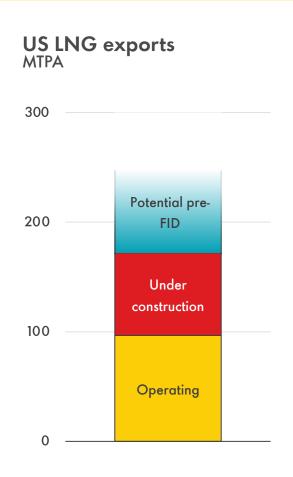


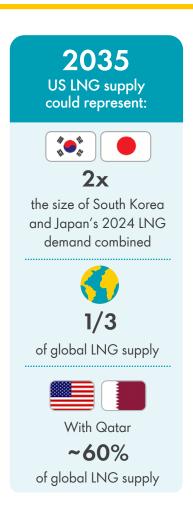
Source: Shell interpretation of Wood Mackenzie data

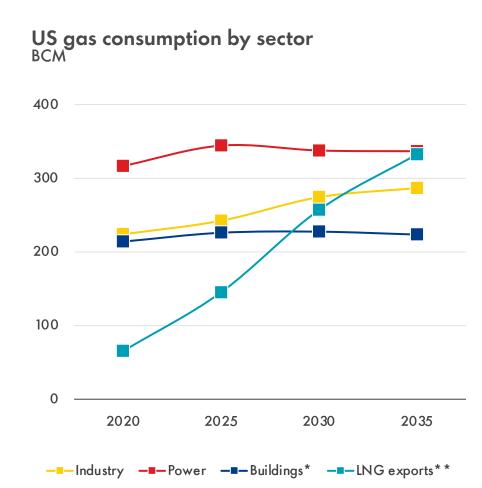
The LNG industry is increasing its reliance on US supply

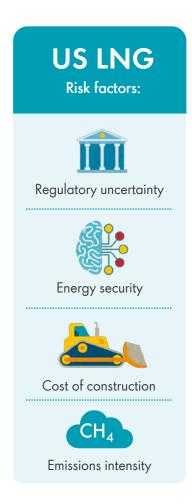
Further US LNG growth is likely but comes with risks











Source: Shell interpretation of Wood Mackenzie data

^{*}Buildings include residential and commercial demand

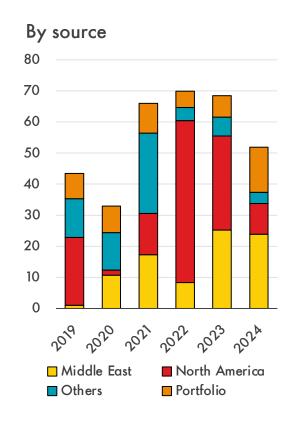
^{**}LNG exports include pre-FID capacity assumptions, including feed gas for Mexico liquefaction capacity exporting US gas supply

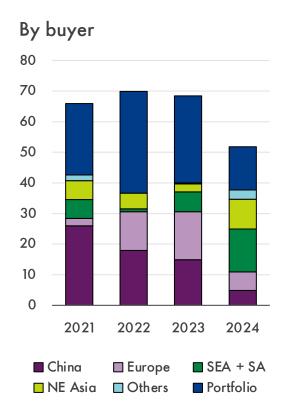
Middle East dominated contracting during 2024

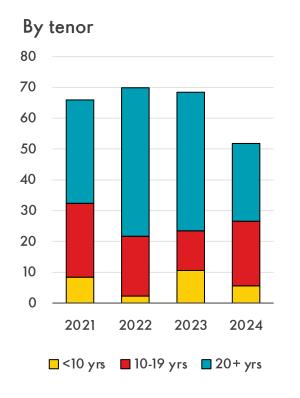


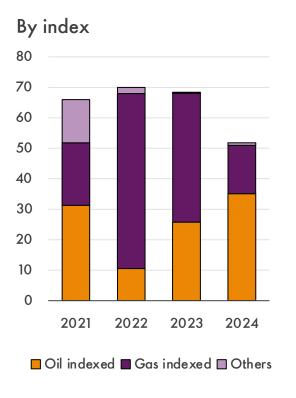
US selling slowed after record contract signings from 2021 to 2023

LNG SPA signings









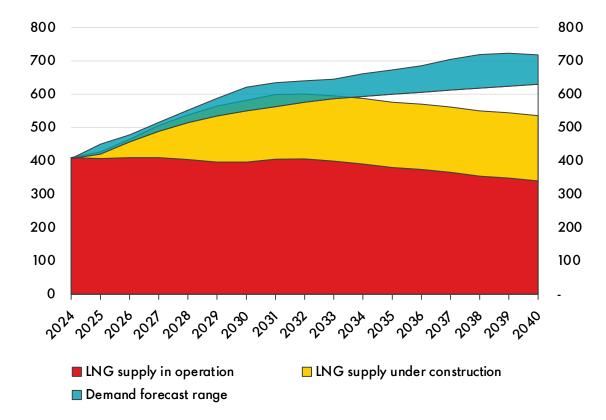
Source: Shell interpretation of S&P Global Commodity Insights and Wood Mackenzie data NE Asia: excluding mainland China; SEA: Southeast Asia; SA: South Asia

Outlook upgraded for LNG demand through to 2040

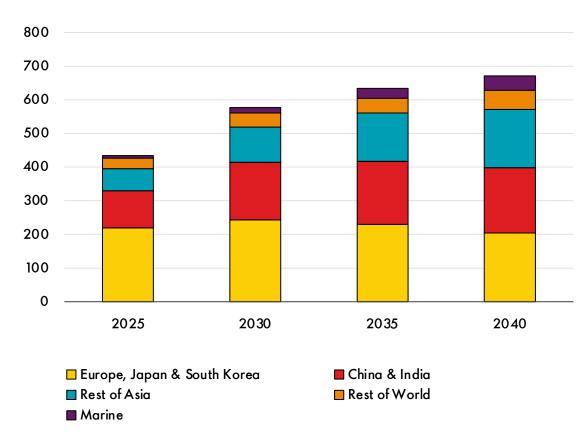


More investment is needed to ensure supply can keep up with demand

Global LNG supply vs demand forecast range MTPA



Global LNG demand



Source: Shell interpretation of Wood Mackenzie, S&P Global Commodity Insights, Poten & Partners, Rystad Energy and FGE data

LNG: dynamic solutions for an interconnected energy system



A fuel of choice for customers navigating the energy transition

