

## RISK

This is a marketing communication. Please refer to the prospectus, supplement and KID/KIID for the Funds (available on our website), which contain full information on the risks, before making any final investment decisions.

The Funds are equity funds. Investors should be willing and able to assume the risks of equity investing. The value of an investment and the income from it can fall as well as rise as a result of market and currency movement, and you may not get back the amount originally invested. The Fund invests only in companies involved in the energy sector; it is therefore susceptible to the performance of that one sector and can be volatile.

Past performance does not predict future returns.

## ABOUT THE STRATEGY

|                     |  |
|---------------------|--|
| <b>Launch</b>       | 31.12.1998                                     |
| <b>Index</b>        | MSCI World Energy                              |
| <b>Sector</b>       | IA Commodity/Natural Resources                 |
| <b>Managers</b>     | Will Riley<br>Jonathan Waghorn<br>Tim Guinness |
| <b>EU Domiciled</b> | Guinness Global Energy Fund                    |
| <b>UK Domiciled</b> | WS Guinness Global Energy Fund                 |

## INVESTMENT POLICY

The Guinness Global Energy Funds invest in listed equities of companies engaged in the exploration, production and distribution of oil, gas and other energy sources. We believe that over the next twenty years the combined effects of population growth, developing world industrialisation and diminishing fossil fuel supplies will force energy prices higher and generate growing profits for energy companies. The Funds are actively managed and use the MSCI World Energy Index as a comparator benchmark only.

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## COMMENTARY

### OIL

#### Spot prices elevated in February, before Iran conflict

The WTI and Brent spot oil prices stayed elevated in February reflecting elevated geopolitical concerns, especially over Iran, and a net long speculative position that nearly doubled over the month. Brent and WTI closed the month at around \$71/bl and \$67/bl respectively, with an estimated \$5-10/bl of near-term risk premium. War in the Middle East commenced on the final day of the month, leading to sharply higher prices thereafter.

Since the end of February, Brent oil prices have risen to over \$80/bl (at the time of writing) as shipping is disrupted through the Strait of Hormuz and Middle Eastern producers start to shut in oil production. Discussion around potential energy scenarios for the war are covered in this month's Managers' Comments.

### NATURAL GAS

#### Global gas prices weaker, then rallied hard on war

US, European and Asian gas prices all weakened in February as the cold weather receded. Record inventory reductions in the US and seasonally low European gas inventories were supporting factors. European and Asian gas prices rallied strongly at the start of March as supplies of liquefied natural gas (LNG), 20% of which must transit the Strait of Hormuz, were affected by the start of war in the Middle East. In addition, the world's largest LNG producer, QatarEnergy LNG, temporarily shut in production. We cover LNG supply further in our Managers' Comments section.

### EQUITIES

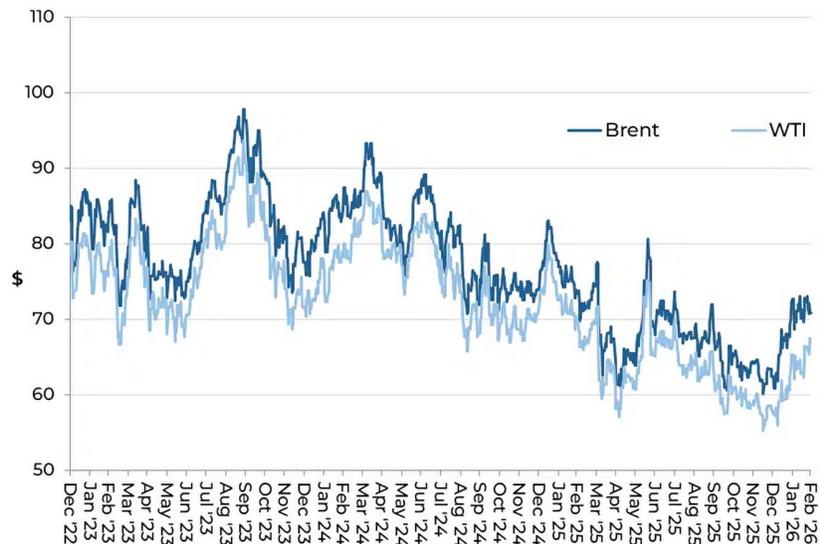
#### Energy outperforms the broad market in February

The MSCI World Energy Index (net return) rose by 8.9% (USD) in February, outperforming the MSCI World Index (net return), which rose by 0.7%.

## FEBRUARY IN REVIEW

## i) Oil market

Oil price (WTI and Brent \$/barrel): December 2022 to February 2026



Source: Bloomberg; Guinness Global Investors

The West Texas Intermediate (WTI) oil price began February at \$65/bl and traded in a reasonably tight range during the month before closing on its highs at \$67/bl. WTI has averaged just over \$62/bl so far this year, having averaged \$57/bl in 2025, \$76/bl in 2024 and \$78/bl in 2023. In contrast, Brent oil opened at \$73/bl and closed lower at just under \$71/bl. Brent has averaged around \$69/bl so far in 2026, having averaged \$62.5/bl in 2025, \$80/bl in 2024 and \$83/bl in 2023. The gap between the WTI and Brent benchmark oil prices closed over the month, ending February at around \$4/bl. The Brent-WTI spread has averaged around \$5/bl in recent years.

#### Factors which strengthened WTI and Brent oil prices in February:

- **Increased geopolitical risk, especially around Iran**

February saw elevated geopolitical risk especially focused on the threat of military action in the Middle East. Our Managers' Comments discusses three scenarios relating to the war that commenced on the last day of the month. Prior to the start of hostilities, we believe that a risk premium of around \$5-10/bl was present in the oil price.

- **Chinese inventory purchasing**

Based on analysis from Morgan Stanley, China's pace of inventory building accelerated towards the end of 2025 (reaching 2.3m b/day in December) and continued at an elevated rate (over 1m b/day) in January 2026. While precise data is hard to obtain, Morgan Stanley estimate that China's crude oil inventories rose by around 240m barrels in 2025, effectively taking 0.6-0.7m b/day of production out of the global oil market.

#### Factors which weakened WTI and Brent oil prices in February:

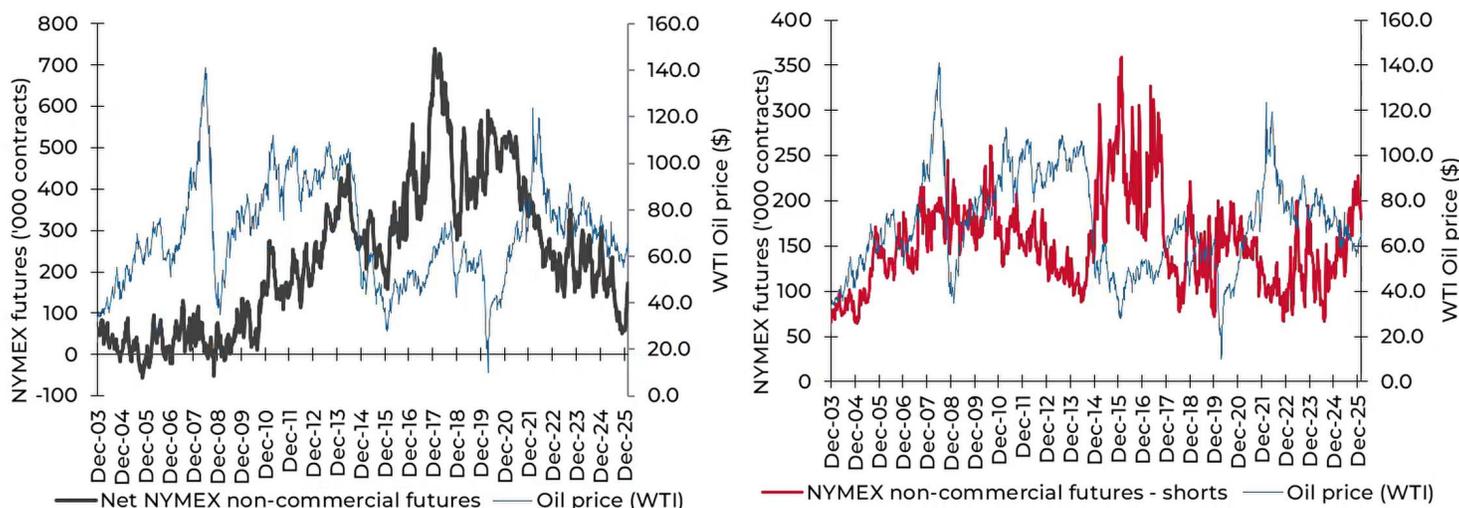
- **Oversupplied oil market**

During 2025, the OPEC+ group unwound quota cuts of around 2.5m b/day, leading to around 1.5m b/day of oil entering the market. While OPEC+ have recently stopped unwinding these quota cuts, the global oil market remains in oversupply, although the scale of the oversupply is debatable. The International Energy Agency (IEA) estimates in excess of 3m b/day of oversupply, while OPEC sees the market in small deficit.

**Speculative and investment flows**

New York Mercantile Exchange (NYMEX) net non-commercial crude oil futures open position was 173,000 contracts long at the end of February versus 97,000 contracts long at the end of January. The net position peaked in February 2018 at 739,000 contracts long. Typically, there is a positive correlation between the movement in net position and movement in the oil price. The gross short position fell to 180,000 contracts at the end of February versus 198,000 at the end of the previous month.

**NYMEX Non-commercial net and short futures contracts: WTI January 2004 – February 2026**

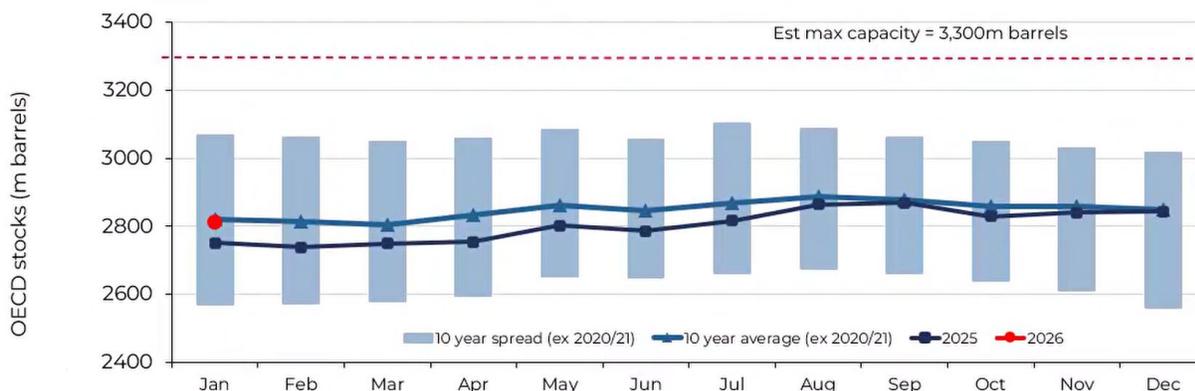


Source: Bloomberg LP/NYMEX/ICE (2026)

**OECD stocks**

OECD total product and crude inventories at the end of January (latest data point) were estimated by the IEA to be 2,813m barrels, down by 30m barrels versus the level reported for the previous month. The move in January compares to a 10-year average (pre-COVID) draw of 8m barrels, implying that the OECD market was undersupplied by around 0.7m b/day. The significant oversupply situation in 2020 pushed OECD inventory levels close to maximum capacity in August 2020 (c.3.3bn barrels), with subsequent tightening taking inventories below normal levels.

**OECD total product and crude inventories, monthly, 2010 to January 2026**



Source: IEA Oil Market Reports (February 2026 and older)

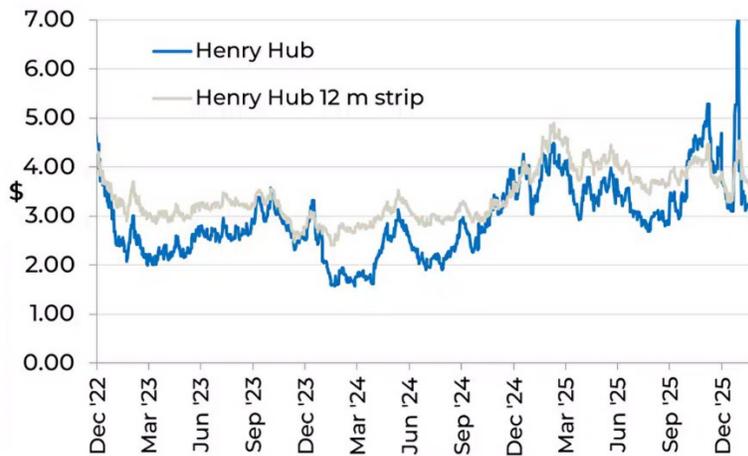
**ii) Natural gas market**

The US natural gas price (Henry Hub front month) opened February at \$4.35/Mcf (1,000 cubic feet) and weakened steadily during the month to close at \$2.86/Mcf. The spot gas price has averaged \$3.66/Mcf so far in 2026, having averaged \$3.63/Mcf in 2025, \$2.41/Mcf in 2024 and \$2.67/Mcf in 2023.

## Guinness Global Energy

The 12-month gas strip price (a simple average of settlement prices for the next 12 months' futures prices) traded in a similar but less extreme pattern, opening at \$4.53/Mcf and closing at \$3.58/Mcf. The strip price has averaged \$3.72/Mcf so far in 2026, having averaged \$4 in 2025, \$2.98 in 2024 and \$3.19 in 2023.

### Henry Hub gas spot price and 12m strip (\$/Mcf): December 2022 to February 2026



Source: Bloomberg LP, February 2026

#### Factors which strengthened the US gas price in February included:

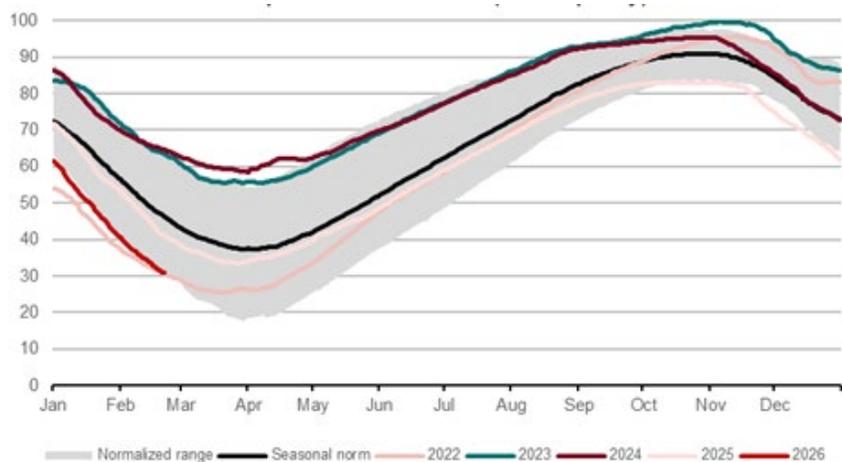
- US arctic blast**

The arrival of winter storm Fern caused significant short-term problems for the US gas market during January and the residual effect was still felt (albeit in a declining manner) in US markets during February. The cold snap caused wellhead freeze-offs (production losses) that peaked at 16-17 bcf/day, representing around 15% of total US supply, while heating loads surged to around 62 bcf/day, around 15 bcf/day higher than normal seasonal levels. The withdrawal from inventory for the week ending 30 January 2026 was a record 360 bcf.

- Low European natural gas inventories**

Gas prices in Europe were also affected as winter weather kept heating demand high while inventories remained below normal levels as the market was positioned to receive greater levels of US LNG in the coming months. Inventories currently sit at around 30% full, substantially lower than the seasonal norm of around 45% at this time of year. Wood Mackenzie believe that European natural gas storage is on course to end the winter season at 22% full, the lowest level since March 2018.

### NW European gas inventories (% vs capacity)

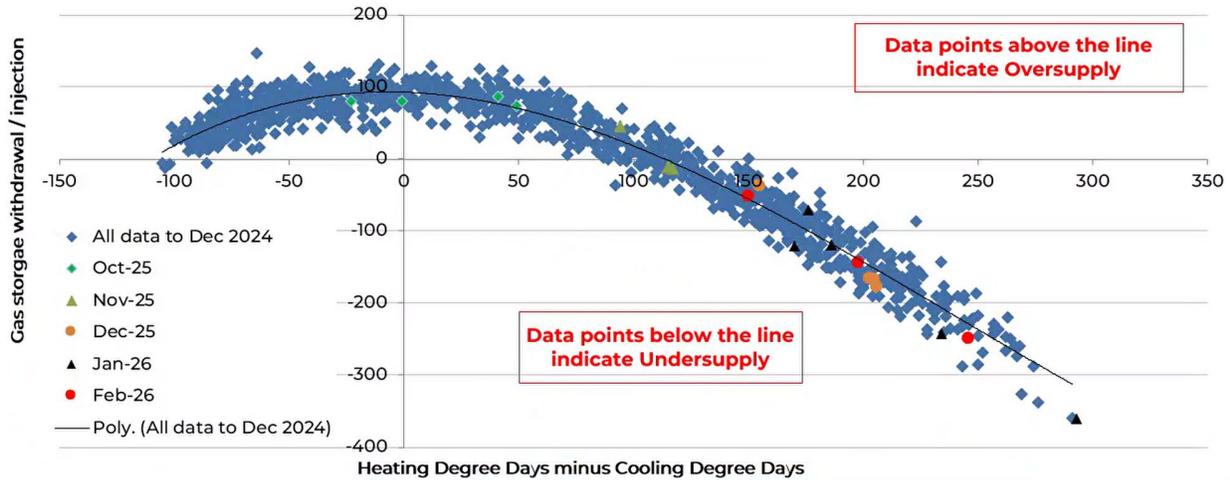


Source: DNB, February 2026

• **Market undersupplied (ex-weather effects)**

Adjusting for the impact of weather, the US gas market was, on average, around 2-3 bcf/day undersupplied during January and February. This is a change to the looser markets over the earlier part of the summer, as illustrated in the chart below.

**Weather-adjusted US natural gas inventory injections and withdrawals**



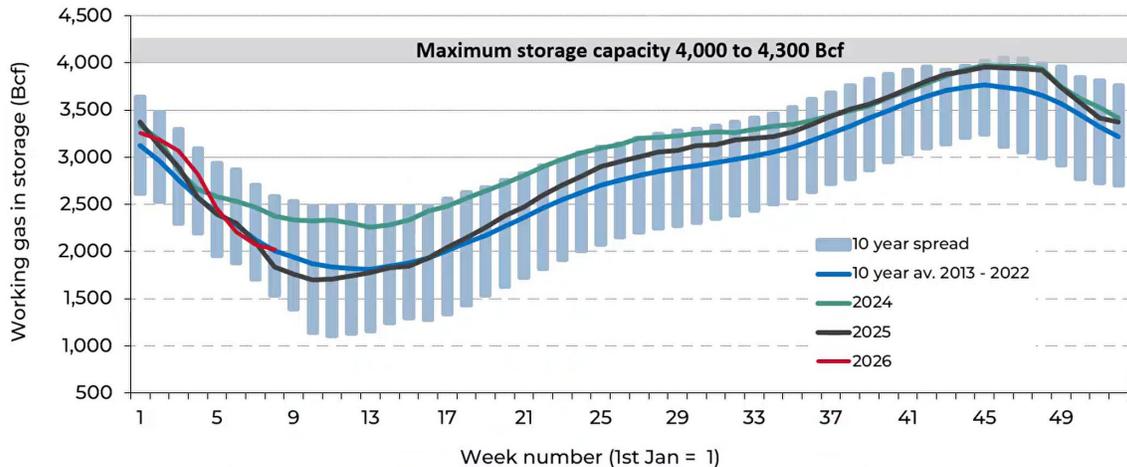
Source: Bloomberg LP; Guinness Global Investors; February 2026

**Factors which were negative for the US gas price in February included:**

• **Natural gas in inventories just above the 10-year average**

Unlike the European gas market, US natural gas inventories started February above 10-year average levels. While they drew to the 10-year average during the month, the greater inventory cushion limited positive price movement.

**Deviation from 10yr US gas storage norm**



Source: Bloomberg; Energy Information Administration (EIA), February 2026

## MANAGERS' COMMENTS

**War in the Middle East: three energy scenarios**

**This month we reproduce a report that we published on Monday 2<sup>nd</sup> March that considers three broad scenarios following the outbreak of conflict in the Middle East with associated oil, gas and energy equity implications.**

The three scenarios considered, with escalating impact to the energy sector, are as follows:

- **Scenario one:** the conflict is short-lived, with limited disruption to physical oil supplies and parties return to a negotiated outcome.
- **Scenario two:** the conflict is protracted, with physical shipments of oil and natural gas impacted but not stopped entirely, despite Iranian efforts.
- **Scenario three:** the conflict is protracted and becomes a wider war as other countries get involved. Iran is successful in shutting off a higher proportion of oil & gas supply through the Strait of Hormuz for a prolonged period.

As a reminder, Iran currently produces around 3.5 million barrels per day (3.5% of world oil supply) of which around 1.7m b/day is exported, predominantly to China. Iran holds the world's fourth-largest oil reserves and second-largest gas reserves. There have been several years of Iranian export volatility, driven by western sanctions against the country's nuclear programme.

**Current situation**

Before reviewing the scenarios, the following is a summary of events at the time of originally writing this report (around midday on Monday 2<sup>nd</sup> March):

- The United States and Israel have commenced military strikes on Iran with the stated aim of regime change in Iran.
- Ayatollah Ali Khamenei, Iran's supreme leader, has been killed along with several key military and political leaders.
- Iran has announced its intention to shut the Strait of Hormuz and a number of oil tankers have been attacked. Tanker flow has slowed sharply, with around two hundred tankers dropping anchor close to the Strait.
- A number of oil majors and trading houses have suspended tanker sailings through the Strait of Hormuz for several days.
- OPEC has announced 0.2m b/day of quota increase for April 2026 loadings.

**Scenario one**

***The conflict is short lived with limited disruption to physical oil supplies and parties return to a negotiated outcome.***

This is the least disruptive scenario which sees the conflict conclude quickly.

For oil supply in this scenario, there is limited disruption through the Strait of Hormuz, a 21-mile-wide stretch of water separating Iran from the UAE and Oman. The strait is a vital corridor that represents a critical chokepoint in global energy logistics as it facilitates the transit of approximately 20m b/day of crude oil, condensate, and oil products—equivalent to around 20% of global oil supply and 30% of seaborne oil trade. It also facilitates the transit of 20% of global liquefied natural gas (LNG) production.

Red Sea & Strait of Hormuz shipping routes showing prior Houthi attacks



Source: Al Jazeera. March 2026

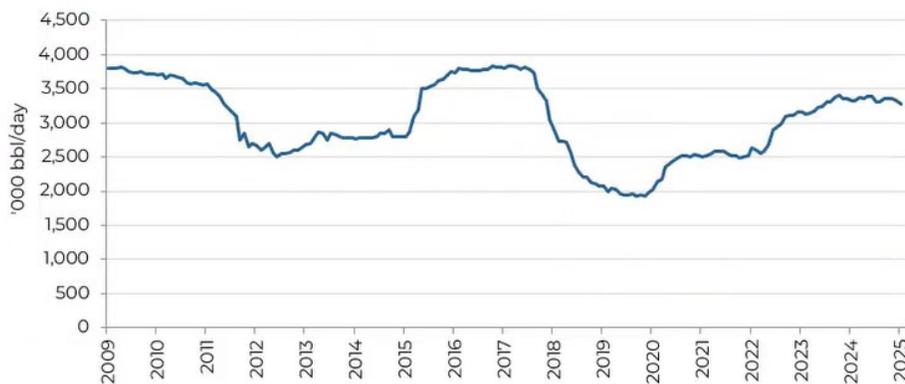
With conflict over, the global oil market likely returns to the prior forecasted oversupply in 1Q 2026. Spot oil prices likely recede to the mid \$60s and the forward curve remains flat, reflecting a very modest risk premium for the unsteady equilibrium in the region and the market balance. Similarly, the supply of LNG is not materially impacted and European and Asian gas pricing starts to reflect fundamental supply and demand factors. Energy equities act rationally and fall on the conclusion of the war but maintain a risk premium.

**Scenario Two**

***The conflict is protracted, with physical shipments of oil and natural gas impacted but not stopped entirely, despite Iranian efforts.***

Trump's comments on Sunday 1<sup>st</sup> March suggest that the main phase of the conflict could last for around four weeks. Beyond that, the lack of an obvious 'end game' increases the risk of a power vacuum and raises the spectre of lower Iranian oil production and oil exports (currently at around 3.5m b/day and 1.7m b/day respectively) as political chaos could impact production facilities (as seen historically in Iraq and Libya).

**Iranian oil production (000s b/day)**



Source: Bloomberg. Data as of January 2026

In this scenario, Iranian efforts to shut the Strait of Hormuz are partially successful in that some tanker traffic chooses to not pass through the Strait owing to the risk of attack. To circumvent the Strait, Saudi likely re-routes some of its oil exports through to the Red Sea and the UAE re-routes some volumes via onshore pipelines to the Gulf of Oman (there is thought to be around 3-4m b/day of total spare pipeline capacity here). Nevertheless, the global oil and LNG markets suffer supply constraint. Houthi rebels and other Iranian militias disrupt shipping in the Red Sea around the Bab al-Mandeb Strait causing

the re-routing of large volumes of seaborne oil and LNG around the Cape of Good Hope at the southern tip of Africa. Consuming countries rely on ample strategic storage for their short-term oil supplies, which will be politically acceptable in the near term but not a solution if the disruption persists.

Oil prices in this scenario likely rise to a \$80-100/bl range, also pulling the forward curve for oil higher. Beyond inventory consumption, there are limited short-term supply responses available to make up such a shortfall. Whilst OPEC could increase quotas and promise to satisfy the market, most of its spare capacity would likely also be caught up in the Strait of Hormuz disruption.

In terms of natural gas, around 75-80 million tonnes per annum of LNG (around 20% of global LNG supply, predominantly from Qatar) transits the Strait of Hormuz, with Asia as its primary destination. A supply disruption here could be arguably more impactful than for crude oil since there is no other option for these LNG volumes to bypass the Strait (leaving them effectively locked out of the market) and because natural gas inventories in Europe (the marginal consumer of global LNG) are currently at particularly low levels.

In Europe, despite winter coming to an end, there is a significant need to start the summer inventory refill process. Europe would need to compete for global LNG volumes (as it did in the aftermath of the Russian invasion of Ukraine) meaning that prices could be biased sharply higher, potentially exceeding \$20/mcf (thousand cubic feet). Asian consumers, especially China, would likely curtail LNG demand at these prices and switch demand towards cheaper domestically produced coal for power generation.

Taking the bottom end of our \$80-100/bl price range for this scenario: if energy equities reflected \$80/bl as a long-term Brent oil price, we see around 30% equity price appreciation, relative to pre-conflict valuations.

### Scenario Three

***The conflict is protracted and becomes a wider war as other countries get involved. Iran is successful in shutting off a higher proportion of oil & gas supply through the Strait of Hormuz for a prolonged period.***

In this scenario, Iran and its allies thwart US and Israeli efforts to force regime change and a broader conflict ensues, both militarily and economically. Equity risk premia likely increase and equity markets suffer as more countries become embroiled in the conflict, which drags on.

The effect on the oil markets would be an amplified version of scenario two, with spot oil prices rising to \$100/bl and above, leading ultimately to demand destruction. Forward oil prices rise in sympathy.

European and Asian gas prices likely act in a similar manner. The most recent analogy for European gas would be the Russian invasion of Ukraine, when gas prices spiked to around \$40/mcf (\$240 per barrel of oil equivalent) to balance the market: i.e. stifle demand and incentivise significant other supply. The loss of all LNG volumes through the Strait would be equivalent to around two thirds of Russian pipeline gas volumes to Europe pre-invasion in 2021.

Global oil refining margins likely suffer as a weakening global economy limits global oil product demand.

In this scenario, energy equities would likely be a safer haven in weaker global equity markets. For reference, if energy equities priced in \$100/bl as a long-term oil price, with equity risk premia unchanged, we see it implying around 90% equity upside.

### Conclusion

The big questions concern the duration of the conflict and the extent to which oil and gas supply disruption in the Strait of Hormuz persists. At 3.5m b/day, Iran is a material oil producer, and at 20m b/day, the Strait of Hormuz is by a distance the most important oil shipping lane in the world. Against these risks, we must weigh the fact that the global oil market was oversupplied in 2025 and that inventories are at comfortable levels.

Stepping back, the common thread in all three scenarios is that energy markets are likely to embed a more persistent geopolitical risk premium in oil and gas prices than was evident prior the outbreak of current hostilities. In scenario one, that premium fades but does not disappear; in scenarios two and three, the premium extends. Energy equities have rallied but continue to discount relatively conservative long-term commodity price assumptions.

## Guinness Global Energy

The Guinness Global Energy Fund is entirely invested in oil and gas companies and is positioned to benefit directly from strength in oil and gas markets. Today's portfolio is diversified across energy majors, mid-cap integrations, exploration and production, services, refiners and midstream companies in North America, Europe and Asia.

### Key themes in the Guinness Global Energy Fund

| Theme                                     | Example holdings  | Weighting (%) |
|---|---|---------------|
| 1 Higher free cashflow generation         |    | 23.8%         |
| 2 Oil & gas majors                        |    | 24.5%         |
| 3 US shale oil production                 |    | 14.2%         |
| 4 North American gas infrastructure       |     | 11.1%         |
| 5 Rising international oil & gas spending |     | 9.9%          |
| 6 Refining-focused                        |     | 9.3%          |
| 7 Undervalued international natural gas   |     | 6.0%          |
| 8 Other (incl cash)                       |   | 1.2%          |
|   |   | 100.0%        |

Source: Guinness Global Investors. Data as of 31.01.2026

**PERFORMANCE**

The main index of oil and gas equities, the MSCI World Energy Index (net return), rose by 8.9% in February, while the MSCI World Index (net return) rose by 0.7% in USD.

Within the Fund, the strongest performers were Canadian Natural Resources, Baker Hughes, Helix Energy Solutions, Imperial Oil and Repsol while the weakest performers were Sinopec, BP, PetroChina, Diamondback and Chevron.

*Past performance does not predict future returns.*

**Guinness Global Energy Fund  
Performance (in USD) as at 28.02.2026**

| <b>Cumulative returns (%)</b>      | <b>YTD</b> | <b>1 year</b> | <b>3 years ann.</b> | <b>5 years ann.</b> | <b>Launch of strategy* ann. (31.12.98)</b> |  |  |
|------------------------------------|------------|---------------|---------------------|---------------------|--|--|--|
| <b>Guinness Global Energy Fund</b> | 22.3       | 37.4          | 13.9                | 18.4                | 8.9  |  |  |
| <b>MSCI World Energy NR Index</b>  | 22.7       | 32.1          | 14.2                | 20.3                | 7.1  |  |  |

| <b>Calendar year returns (%)</b>   | <b>2025</b> | <b>2024</b> | <b>2023</b> | <b>2022</b> | <b>2021</b> | <b>2020</b> | <b>2019</b> |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Guinness Global Energy Fund</b> | 17.1        | -1.3        | 2.6         | 32.4        | 44.5        | -34.7       | 9.8         |
| <b>MSCI World Energy NR Index</b>  | 13.3        | 2.7         | 2.5         | 46.0        | 40.1        | -31.5       | 11.5        |

|                                    | <b>2018</b> | <b>2017</b> | <b>2016</b> | <b>2015</b> | <b>2014</b> | <b>2013</b> | <b>2012</b> |
|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Guinness Global Energy Fund</b> | -19.7       | -1.3        | 27.9        | -27.6       | -19.1       | 24.4        | 2.9         |
| <b>MSCI World Energy NR Index</b>  | -15.8       | 5.0         | 26.6        | -22.8       | -11.6       | 18.1        | 1.9         |

|                                    | <b>2011</b> | <b>2010</b> | <b>2009</b> | <b>2008*</b> | <b>2007*</b> | <b>2006*</b> | <b>2005*</b> |
|------------------------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| <b>Guinness Global Energy Fund</b> | 14.3        | 14.4        | 60.8        | -48.2        | 37.9         | 10.0         | 62.3         |
| <b>MSCI World Energy NR Index</b>  | 0.2         | 11.9        | 26.2        | -38.1        | 29.8         | 17.9         | 28.7         |

|                                    | <b>2004*</b> | <b>2003*</b> | <b>2002*</b> | <b>2001*</b> | <b>2000*</b> | <b>1999*</b> |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Guinness Global Energy Fund</b> | 41.0         | 32.3         | 6.7          | -4.1         | 39.6         | 22.5         |
| <b>MSCI World Energy NR Index</b>  | 28.1         | 25.9         | -6.4         | -7.2         | 6.0          | 22.0         |

*Source: FE fundinfo, Guinness Global Investors and Bloomberg, bid to bid, net of fees, gross income reinvested, in US dollars*

Calculation by Guinness Global Investors. \*Simulated past performance prior to 31.03.2008, launch date of Guinness Global Energy Fund. The Guinness Global Energy investment team has been running global energy funds in accordance with the same methodology continuously since December 1998. These returns are calculated using a composite of the Investec GSF Global Energy Fund class A to 29.2.08 (managed by the Guinness team until this date); the Guinness Atkinson Global Energy Fund (sister US mutual fund) from 1.3.08 to 31.3.08 (launch date of this Fund), the Guinness Global Energy Fund class A (1.49% OCF) from launch to 02.09.08, and class Y (0.77% OCF) thereafter. Returns for share classes with a different OCF will vary accordingly.

Investors should note that fees and expenses are charged to the capital of the Fund. This reduces the return on your investment by an amount equivalent to the Ongoing Charges Figure (OCF). The fund performance shown has been reduced by the current OCF of 0.77% per annum. Returns for share classes with different OCFs will vary accordingly. Performance returns do not reflect any initial charge; any such charge will also reduce the return.

## Guinness Global Energy

*Past performance does not predict future returns.*

### WS Guinness Global Energy Fund Performance (in GBP) as at 28.02.2026

| Cumulative returns (%)                | YTD    | 1 year | 3 years<br>ann. | 5 years<br>ann. |        |       |      |
|---------------------------------------|--------|--------|-----------------|-----------------|--------|-------|------|
| <b>WS Guinness Global Energy Fund</b> | 20.8   | 28.9   | 9.4             | 19.2            |        |       |      |
| <b>MSCI World Energy NR Index</b>     | 22.8   | 23.7   | 10.3            | 21.2            |        |       |      |
| Calendar year returns (%)             | 2025   | 2024   | 2023            | 2022            | 2021   | 2020  | 2019 |
| <b>WS Guinness Global Energy Fund</b> | 10.7   | -0.8   | -2.3            | 49.9            | 45.7   | -35.7 | 12.6 |
| <b>MSCI World Energy NR Index</b>     | 5.5    | 4.5    | -3.3            | 64.4            | 41.4   | -33.6 | 7.2  |
|                                       | 2018   | 2017   | 2016            | 2015            | 2014   | 2013  | 2012 |
| <b>WS Guinness Global Energy Fund</b> | -6.28  | -7.18  | 65.2            | -29.6           | -26.6% | -4.7  | 2.5  |
| <b>MSCI World Energy NR Index</b>     | -10.61 | -4.12  | 51.0            | -18.3           | -6.1%  | 15.9  | -2.6 |

*Source: FE fundinfo, bid to bid, net of fees, gross income reinvested, in GBP*

Investors should note that fees and expenses are charged to the capital of the Fund. This reduces the return on your investment by an amount equivalent to the Ongoing Charges Figure (OCF). The fund performance shown has been reduced by the current OCF of 0.77% per annum. Returns for share classes with different OCFs will vary accordingly. Performance returns do not reflect any initial charge; any such charge will also reduce the return. Fund launched 21.04.2011.

**PORTFOLIO**

**Buys/Sells**

In February, we sold the remaining positions held in EnQuest, Pharos Energy and Diversified Energy Company.

**Sector Breakdown**

The following table shows the asset allocation of the Guinness Global Energy Fund at **February 28 2026**.

| Asset allocation as %NAV   | Current      | Change      | Last year end |              | Previous year ends |              |              |              |              |              |              |              |              |              |
|----------------------------|--------------|-------------|---------------|--------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                            | Feb-26       |             | Dec-25        | Dec-24       | Dec-23             | Dec-22       | Dec-21       | Dec-20       | Dec-19       | Dec-18       | Dec-17       | Dec-16       | Dec-15       | Dec-14       |
| <b>Oil &amp; Gas</b>       | <b>97.7%</b> | <b>0.7%</b> | <b>97.0%</b>  | <b>97.8%</b> | <b>98.9%</b>       | <b>97.4%</b> | <b>96.9%</b> | <b>94.8%</b> | <b>98.3%</b> | <b>96.7%</b> | <b>98.4%</b> | <b>96.7%</b> | <b>95.1%</b> | <b>93.7%</b> |
| Integrated                 | 52.8%        | 0.1%        | 52.7%         | 55.1%        | 54.7%              | 54.7%        | 57.7%        | 56.3%        | 51.1%        | 46.4%        | 42.9%        | 46.4%        | 41.5%        | 37.3%        |
| Exploration & Production   | 17.9%        | -0.2%       | 18.1%         | 19.3%        | 23.2%              | 23.1%        | 23.7%        | 22.2%        | 29.6%        | 35.8%        | 36.9%        | 35.8%        | 36.5%        | 36.2%        |
| Drilling                   | 0.0%         | 0.0%        | 0.0%          | 0.0%         | 0.0%               | 0.0%         | 0.0%         | 0.0%         | 0.1%         | 2.2%         | 1.9%         | 2.2%         | 1.5%         | 3.3%         |
| Equipment & Services       | 9.9%         | 1.0%        | 8.9%          | 9.8%         | 10.0%              | 9.0%         | 4.0%         | 4.6%         | 9.6%         | 8.6%         | 9.5%         | 8.6%         | 11.4%        | 13.4%        |
| Storage & Transportation   | 11.1%        | -0.3%       | 11.3%         | 8.0%         | 5.0%               | 4.8%         | 4.3%         | 4.4%         | 4.0%         | 0.0%         | 3.5%         | 0.0%         | 0.0%         | 0.0%         |
| Refining & Marketing       | 6.1%         | 0.1%        | 6.0%          | 5.6%         | 6.0%               | 5.8%         | 7.2%         | 7.3%         | 3.8%         | 3.7%         | 3.7%         | 3.7%         | 4.2%         | 3.5%         |
| Solar                      | 0.0%         | 0.0%        | 0.0%          | 0.0%         | 0.2%               | 0.7%         | 1.0%         | 1.8%         | 0.7%         | 0.9%         | 1.4%         | 0.9%         | 4.7%         | 3.7%         |
| Coal & Consumable Fuels    | 0.0%         | 0.0%        | 0.0%          | 0.0%         | 0.0%               | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         |
| Construction & Engineering | 0.0%         | 0.0%        | 0.0%          | 0.0%         | 0.0%               | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         | 0.0%         |
| Cash                       | 2.3%         | -0.7%       | 3.0%          | 2.2%         | 0.9%               | 1.9%         | 2.1%         | 3.3%         | 1.1%         | 2.4%         | 0.2%         | 2.4%         | 0.2%         | 2.6%         |

Source: Guinness Global Investors. Basis: Global Industry Classification Standard (GICS)

The Fund at end of February 2026 was on a price to earnings (PE) ratio for 2025/2026 of 17.0x/16.5x versus the MSCI World Index at 23.2x/20.4x as set out in the following table:

| As at 28 February 2026      | PE    |       |       | EV/EBITDA |       |       | Dividend Yield |       |
|-----------------------------|-------|-------|-------|-----------|-------|-------|----------------|-------|
|                             | 2024  | 2025E | 2026E | 2024      | 2025E | 2026E | 2025E          | 2026E |
| Guinness Global Energy Fund | 14.6x | 17.0x | 16.5x | 6.7x      | 6.9x  | 6.4x  | 3.6%           | 3.8%  |
| MSCI World Index            | 25.4x | 23.2x | 20.4x | 16.7x     | 15.6x | 13.7x | 1.7%           | 1.8%  |
| Fund Premium/(Discount)     | -42%  | -27%  | -19%  | -60%      | -56%  | -53%  |                |       |

\*Portfolio = median CFROI; Index data = Credit Suisse MSCI World ETF median CFROI

Source: Bloomberg; Guinness Global Investors

**Portfolio holdings**

Our integrated and similar stock exposure (c.50%) is comprised of a mix of mid-cap, mid/large-cap and large-cap stocks. Our five large-caps are Chevron, BP, ExxonMobil, Shell and TotalEnergies. Mid/large and mid-caps are ENI, Equinor, GALP, Repsol and OMV. At 28 February 2026, the median P/E ratio of this group was 13.7x 2026 earnings. We also have three Canadian integrated holdings, Suncor, Cenovus and Imperial Oil. All three companies have significant exposure to oil sands in addition to downstream assets.

Our exploration and production (E&P) holdings (c.18%) give us exposure most directly to rising oil and natural gas prices. We include in this category non-integrated oil sands companies, as this is the GICS approach. The stock here with oil sands exposure is Canadian Natural Resources. The pure E&P stocks have a bias towards the US (EOG, Diamondback and Devon), with one other name (ConocoPhillips) having a mix of US and international production. One of the key metrics behind a number of the E&P stocks held is low enterprise value / proven reserves.

We have exposure to two emerging market stocks, Petrochina and Sinopec, which in total represent around 4.1% of the portfolio.

The portfolio contains four midstream holdings, Enbridge, Kinder Morgan, Williams Cos and TC Energy. These represent four of North America's largest pipeline companies. With the growth of hydrocarbon demand expected in the US and Canada over the next five years, especially natural gas, we believe each company are well placed to execute their pipeline and energy infrastructure expansion plans.

## Guinness Global Energy

We have reasonable exposure to oil service stocks, which comprise around 10% of the portfolio. The stocks we own provide exposure to both North American and international oil and natural gas development.

Our independent refining exposure is currently in the US in Valero, the largest of the US refiners. Valero has a reasonably large presence on the US Gulf Coast and is benefitting from a recovery in refining margins.

### Portfolio at January 31 2026 (for compliance reasons disclosed one month in arrears)

| Guinness Global Energy Fund (31 January 2026)      |              |              | P/E   |       |       | EV/EBITDA |       |       | Price/Book |       |       |
|--|--------------|--------------|-------|-------|-------|-----------|-------|-------|------------|-------|-------|
| Stock  | ISIN         | % of NAV     | 2024  | 2025E | 2026E | 2024      | 2025E | 2026E | 2024       | 2025E | 2026E |
| <b>Integrated Oil &amp; Gas</b>                    |              |              |       |       |       |           |       |       |            |       |       |
| Exxon Mobil Corp                                   | US30231G1022 | 5.5%         | 18.2x | 20.1x | 20.6x | 9.5x      | 9.1x  | 8.3x  | 2.3x       | 2.3x  | 2.3x  |
| Chevron Corp                                       | US1667641005 | 5.0%         | 21.1x | 28.5x | 25.5x | 10.4x     | 8.7x  | 7.5x  | 2.1x       | 2.0x  | 2.1x  |
| Shell PLC  | GB00BP6MXD84 | 4.6%         | 10.1x | 12.2x | 12.2x | 4.2x      | 4.6x  | 4.9x  | 1.3x       | 1.3x  | 1.2x  |
| Total SA   | FR0000120271 | 4.7%         | 9.1x  | 10.4x | 11.0x | 4.7x      | 5.2x  | 5.4x  | 1.5x       | 1.4x  | 1.3x  |
| BP PLC   | GB0007980591 | 4.7%         | 13.8x | 13.2x | 13.5x | 5.0x      | 4.2x  | 4.6x  | 1.7x       | 1.6x  | 1.6x  |
| Equinor ASA  | NO0010096985 | 3.1%         | 8.7x  | 11.1x | 10.2x | 1.7x      | 1.8x  | 2.0x  | 1.7x       | 1.7x  | 1.6x  |
| ENI SpA  | IT0003132476 | 3.2%         | 12.7x | 11.2x | 11.1x | 4.7x      | 4.5x  | 4.6x  | 1.2x       | 1.0x  | 1.0x  |
| Repsol SA  | ES0173516115 | 3.3%         | 9.2x  | 6.9x  | 6.8x  | 5.5x      | 3.9x  | 3.9x  | 0.9x       | 0.7x  | 0.6x  |
| Galp Energia SGPS SA                               | PTGALOAM0009 | 3.0%         | 12.8x | 11.3x | 12.8x | 4.8x      | 5.0x  | 5.0x  | 3.1x       | 2.6x  | 2.4x  |
| OMV AG   | AT0000743059 | 3.2%         | 7.3x  | 8.8x  | 9.2x  | 3.6x      | 4.1x  | 4.4x  | 1.2x       | 1.0x  | 1.0x  |
|  |              | <b>40.4%</b> |       |       |       |           |       |       |            |       |       |
| <b>Integrated / Oil &amp; Gas E&amp;P - Canada</b> |              |              |       |       |       |           |       |       |            |       |       |
| Suncor Energy Inc                                  | CA8672241079 | 3.8%         | 14.9x | 16.0x | 19.2x | 4.6x      | 6.3x  | 7.1x  | 2.1x       | 2.0x  | 1.9x  |
| Canadian Natural Resources Ltd                     | CA1363851017 | 3.7%         | 18.1x | 15.2x | 18.7x | 7.5x      | 6.9x  | 7.6x  | 2.9x       | 2.7x  | 2.7x  |
| Cenovus Energy Inc                                 | CA15135U1093 | 3.2%         | 16.1x | 13.5x | 19.1x | 5.9x      | 5.8x  | 5.8x  | 1.8x       | 1.7x  | 1.7x  |
| Imperial Oil Ltd                                   | CA4530384086 | 3.5%         | 15.5x | 21.8x | 20.4x | 8.6x      | 10.8x | 10.0x | 3.1x       | 2.9x  | 2.8x  |
|  |              | <b>14.2%</b> |       |       |       |           |       |       |            |       |       |
| <b>Integrated Oil &amp; Gas - Emerging market</b>  |              |              |       |       |       |           |       |       |            |       |       |
| PetroChina Co Ltd                                  | CNE1000003W8 | 2.8%         | 9.1x  | 9.6x  | 9.6x  | 4.5x      | 4.6x  | 4.6x  | 1.0x       | 1.0x  | 0.9x  |
|  |              | <b>2.8%</b>  |       |       |       |           |       |       |            |       |       |
| <b>Oil &amp; Gas E&amp;P</b>                       |              |              |       |       |       |           |       |       |            |       |       |
| ConocoPhillips                                     | US20825C1045 | 4.3%         | 13.4x | 16.7x | 19.8x | 6.2x      | 5.7x  | 6.4x  | 2.1x       | 2.0x  | 2.0x  |
| EOG Resources Inc                                  | US26875P1012 | 3.2%         | 9.6x  | 11.1x | 11.6x | 4.9x      | 5.3x  | 5.2x  | 2.1x       | 2.0x  | 1.9x  |
| Diamondback Energy Co                              | US25278X1090 | 3.4%         | 10.4x | 13.1x | 16.4x | 9.2x      | 6.8x  | 7.4x  | 1.3x       | 1.1x  | 1.1x  |
| Devon Energy Corp                                  | US25179M1036 | 3.3%         | 8.3x  | 10.0x | 11.3x | 4.4x      | 4.4x  | 4.8x  | 1.8x       | 1.6x  | 1.6x  |
|  |              | <b>14.2%</b> |       |       |       |           |       |       |            |       |       |
| <b>International E&amp;Ps</b>                      |              |              |       |       |       |           |       |       |            |       |       |
| Pharos Energy PLC                                  | GB00B572ZV91 | 0.0%         | 14.2x | n.m.  | n.m.  | 1.2x      | 1.6x  | 1.3x  | 0.4x       | n.m.  | n.m.  |
|  |              | <b>0.0%</b>  |       |       |       |           |       |       |            |       |       |
| <b>Midstream</b>                                   |              |              |       |       |       |           |       |       |            |       |       |
| Kinder Morgan Inc                                  | US49456B1017 | 2.9%         | 25.8x | 23.2x | 22.5x | 14.7x     | 11.5x | 10.9x | 2.2x       | 2.1x  | 2.1x  |
| Enbridge Inc                                       | CA29250N1050 | 2.6%         | 19.2x | 22.3x | 21.7x | 16.8x     | 12.7x | 12.2x | 2.6x       | 2.5x  | 2.5x  |
| TC Energy Corp                                     | CA87807B1076 | 2.7%         | 21.1x | 23.2x | 21.0x | 17.5x     | 14.0x | 13.0x | 3.5x       | 3.3x  | 3.3x  |
| Williams Cos                                       | US9694571004 | 2.9%         | 35.8x | 31.9x | 29.6x | 19.7x     | 14.4x | 13.5x | 6.6x       | 6.5x  | 6.5x  |
|  |              | <b>11.1%</b> |       |       |       |           |       |       |            |       |       |
| <b>Equipment &amp; Services</b>                    |              |              |       |       |       |           |       |       |            |       |       |
| Schlumberger Ltd                                   | AN8068571086 | 3.3%         | 13.1x | 16.6x | 16.7x | 7.5x      | 9.2x  | 8.6x  | 3.2x       | 2.7x  | 2.5x  |
| Baker Hughes a GE Co                               | US05722G1004 | 2.8%         | 24.5x | 21.6x | 21.6x | 12.1x     | 11.9x | 10.6x | 3.3x       | 2.7x  | 2.5x  |
| Halliburton Co                                     | US4062161017 | 3.2%         | 11.5x | 13.7x | 15.0x | 6.3x      | 8.4x  | 7.6x  | 2.8x       | 2.5x  | 2.3x  |
| Helix Energy Solutions Group Inc                   | US42330P1075 | 0.7%         | 16.9x | 45.9x | 24.3x | 3.8x      | 5.8x  | 5.3x  | 0.8x       | 0.7x  | 0.7x  |
|  |              | <b>9.9%</b>  |       |       |       |           |       |       |            |       |       |
| <b>Oil &amp; Gas Refining &amp; Marketing</b>      |              |              |       |       |       |           |       |       |            |       |       |
| China Petroleum & Chemical Corp                    | CNE1000002Q2 | 1.6%         | 11.9x | 15.0x | 12.3x | 6.6x      | 6.7x  | 6.2x  | 0.7x       | 0.7x  | 0.7x  |
| Valero Energy Corp                                 | US91913Y1001 | 4.5%         | 21.1x | 17.5x | 14.8x | 8.6x      | 7.6x  | 7.8x  | 2.3x       | 2.3x  | 2.2x  |
|  |              | <b>6.1%</b>  |       |       |       |           |       |       |            |       |       |
| <b>Research Portfolio</b>                          |              |              |       |       |       |           |       |       |            |       |       |
| EnQuest PLC  | GB00B635TG28 | 0.0%         | n.m.  | n.m.  | n.m.  | 1.6x      | 2.0x  | 2.2x  | 0.6x       | 0.6x  | 0.7x  |
| Diversified Energy Company                         | US25520W1071 | 0.0%         | 7.3x  | 3.8x  | 5.1x  | 15.9x     | 4.0x  | 4.2x  | 1.5x       | 0.7x  | 0.8x  |
|  |              | <b>0.1%</b>  |       |       |       |           |       |       |            |       |       |

The Fund's portfolio may change significantly over a short period of time; no recommendation is made for the purchase or sale of any particular stock.

## OUTLOOK

### i) Oil market

The table below illustrates the difference between the growth in world oil demand and non-OPEC supply since 2015:

|                                       | 2015        | 2016        | 2017        | 2018        | 2019         | 2020        | 2021        | 2022         | 2023         | 2024         | 2025E        | 2026E        |
|---------------------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
|                                       |             |             |             |             |              |             |             |              |              |              | IEA          | IEA          |
| <b>World Demand</b>                   | <b>95.3</b> | <b>96.4</b> | <b>98.2</b> | <b>99.5</b> | <b>100.7</b> | <b>91.8</b> | <b>97.4</b> | <b>100.0</b> | <b>102.2</b> | <b>103.1</b> | <b>104.0</b> | <b>104.9</b> |
| Non-OPEC supply (inc NGLs)            | 62.1        | 61.5        | 62.5        | 65.0        | 67.0         | 64.4        | 65.0        | 66.9         | 69.3         | 70.4         | 72.1         | 73.3         |
| OPEC NGLs                             | 5.2         | 5.3         | 5.4         | 5.5         | 5.3          | 5.2         | 5.3         | 5.5          | 5.5          | 5.5          | 5.6          | 5.9          |
| <b>Non-OPEC supply plus OPEC NGLs</b> | <b>67.3</b> | <b>66.8</b> | <b>67.9</b> | <b>70.5</b> | <b>72.3</b>  | <b>69.6</b> | <b>70.3</b> | <b>72.4</b>  | <b>74.8</b>  | <b>75.9</b>  | <b>77.7</b>  | <b>79.2</b>  |
| <b>Call on OPEC (crude oil)</b>       | <b>28.0</b> | <b>29.6</b> | <b>30.3</b> | <b>29.0</b> | <b>28.4</b>  | <b>22.2</b> | <b>27.1</b> | <b>27.6</b>  | <b>27.4</b>  | <b>27.2</b>  | <b>26.3</b>  | <b>25.7</b>  |
| Congo supply adjustment               | 0.3         | 0.3         | 0.3         | 0.3         | 0.3          | 0.3         | 0.3         | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          |
| Gabon supply adjustment               | 0.2         | 0.2         | 0.2         | 0.2         | 0.2          | 0.2         | 0.2         | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          |
| Eq Guinea supply adjustment           | 0.1         | 0.1         | 0.1         | 0.1         | 0.1          | 0.1         | 0.1         | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          |
| <b>Call on OPEC-9 (crude oil)</b>     | <b>27.4</b> | <b>29.0</b> | <b>29.7</b> | <b>28.4</b> | <b>27.8</b>  | <b>21.6</b> | <b>26.5</b> | <b>27.0</b>  | <b>26.8</b>  | <b>26.6</b>  | <b>25.7</b>  | <b>25.1</b>  |

Source: Bloomberg; IEA; Guinness Global Investors, January 2026

Global oil demand in 2019 was 13m b/day higher than the pre-Financial Crisis (2007) peak. The demand picture for 2020, down by around 9m b/day, was heavily clouded by the impact of the COVID-19 virus and efforts to mitigate its spread. Demand rebounded between 2020 and 2024 by over 11m b/day, leaving overall consumption in 2024 2.4m b/day higher than the 2019 peak.

### OPEC

The last few years have proved testing for OPEC. They have tried to keep prices strong enough that OPEC economies are not running excessive deficits, whilst not pushing the price too high and over-stimulating non-OPEC supply.

The effect of \$100+/bl oil, enjoyed for most of the 2011-2014 period, emerged in 2014 in the form of an acceleration in US shale oil production and an acceleration in the number of large non-OPEC (ex US onshore) projects reaching production. OPEC met in late 2014 and responded to rising non-OPEC supply with a significant change in strategy to one that prioritised market share over price. Post the November 2014 meeting, OPEC not only maintained their quota but also raised production significantly, up by 2.5m b/day over the subsequent 18 months. This contributed to an oversupplied market in 2015 and 2016.

In late 2016, faced with sharply lower oil prices, OPEC stepped back from their market share stance, announcing plans for the first production cut since 2008. The announcement included a cut in production from Russia (a non-OPEC country), creating for the first time the concept of an OPEC+ group.

OPEC-9 oil production to January 2026

| ('000 b/day)  | 31-Dec-19     | 31-Dec-25     | 31-Jan-26     | Current vs Dec 2019 | Current vs last month |
|---------------|---------------|---------------|---------------|---------------------|-----------------------|
| Saudi         | 9,730         | 10,000        | <b>10,000</b> | 270                 | 0                     |
| Iran          | 2,080         | 3,270         | <b>3,300</b>  | 1,220               | 30                    |
| Iraq          | 4,610         | 4,370         | <b>4,340</b>  | -270                | -30                   |
| UAE           | 3,040         | 3,590         | <b>3,560</b>  | 520                 | -30                   |
| Kuwait        | 2,710         | 2,560         | <b>2,570</b>  | -140                | 10                    |
| Nigeria       | 1,820         | 1,520         | <b>1,490</b>  | -330                | -30                   |
| Venezuela     | 730           | 900           | <b>820</b>    | 90                  | -80                   |
| Libya         | 1,110         | 1,320         | <b>1,280</b>  | 170                 | -40                   |
| Algeria       | 1,010         | 970           | <b>970</b>    | -40                 | 0                     |
| <b>OPEC-9</b> | <b>26,840</b> | <b>28,500</b> | <b>28,330</b> | <b>1,490</b>        | <b>-170</b>           |

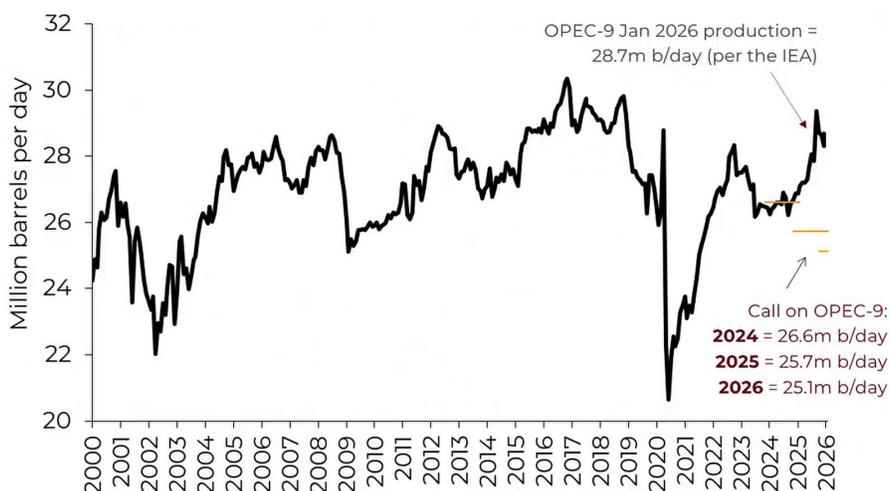
Source: Bloomberg; Guinness Global Investors, 28.2.26

The 2017-19 period continued to be volatile for OPEC, with further production cuts necessary to balance ongoing non-OPEC supply growth.

The challenge for OPEC+ then ballooned in 2020 with the onset of COVID around the world. Initially, OPEC and their non-OPEC partners failed to reach agreement around their response to demand from the spread of the virus, precipitating a fall-out between participants and a short-lived price war. In light of extreme oil market oversupply, OPEC and non-OPEC partners reconvened in April 2020 and confirmed a deal to cut their production by nearly 10m b/day.

In mid 2021, with demand largely recovered after COVID, the OPEC+ group agreed to taper their quota cuts until late 2022. The actions of OPEC through the pandemic gave us confidence that OPEC was looking to do 'what it takes' to keep the market in balance, despite extreme challenges. Since the end of 2022, OPEC have adjusted their production to match closely the prevailing call on the group, whilst mindful that any loss of market share must not stretch too far. Most recently, over the summer of 2025, the group has increased quotas sharply, taking advantage of low inventories to bring its oil back to market.

OPEC-9 apparent production vs call on OPEC 2000 – 2026



Source: IEA Oil Market Report (Jan 2026 and prior); Guinness estimates

OPEC's actions in recent years have generally demonstrated a commitment to delivering a reasonable oil price to satisfy their own economies but also to incentivise investment in long-term projects. Saudi's actions at the head of OPEC have been designed to achieve an oil price that to some extent closes their fiscal deficit (c.\$90/bl is needed to close the gap fully), whilst not spiking the oil price too high and over-stimulating non-OPEC supply.

In the shorter term, the COVID-19 and Russia/Ukraine crises have created particularly challenging conditions, adding to oil price volatility. Longer-term, we believe that Saudi seek a ‘good’ oil price, one that satisfies their fiscal needs. Overall, we reiterate two important criteria for Saudi:

1. Saudi is interested in the average price of oil that they get; they have a longer investment horizon than most other market participants.
2. Saudi wants to maintain a balance between global oil supply and demand to maintain a price that is acceptable to both producers and consumers.

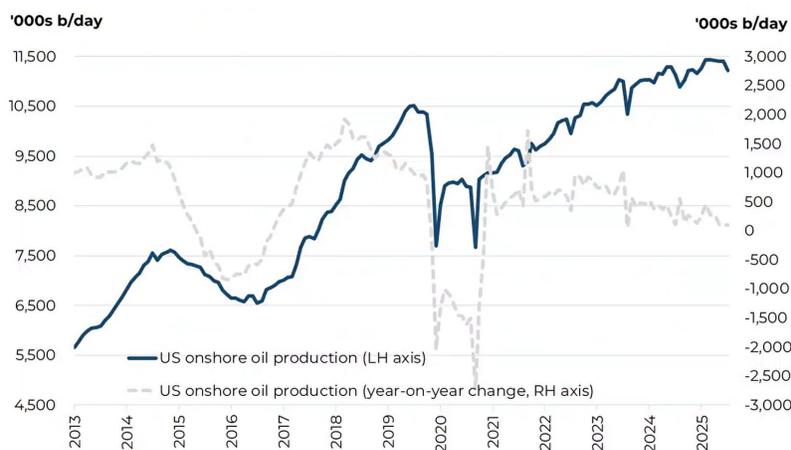
Nothing in the market in recent years has changed our view that OPEC can put a floor under the price – as they did in 2020, 2018, 2016, 2008, 2006, 2001 and 1998.

### Supply looking forward

The non-OPEC world has, since the 2008 financial crisis, grown its production more meaningfully than in the period before 2008. The growth was 0.9% p.a. from 2001-2008, increasing to 1.7% p.a. from 2009-2024.

Growth in the non-OPEC region since the start of the last decade has been dominated by the development of shale oil and oil sands in North America (up around 8m b/day since 2010), implying that the rest of the non-OPEC region has seen limited growth over this period, despite the sustained high oil price until mid-2014.

### US onshore oil production



Source: EIA; Guinness Global Investors, February 2026

The growth in US shale oil production, especially the Permian Basin, raises the question of how much more there is to come and at what price. Our assessment is that US shale oil is capital-intensive but some growth is viable, on average, at around \$70 oil prices. In particular, there appears to be ample inventory in the Permian Basin to maintain volumes into the late-2020s. The rate of development is heavily dependent on the cashflow available to producing companies, and the underlying cost of services to drill and fracture the wells. Since 2019, we have seen increased shareholder pressure successfully applied to US E&P companies to improve their capital discipline and to cut their reinvestment rates.

The collapse in oil prices at the start of 2020 to a level well below \$50/bl changed the landscape, with US E&P companies reducing capital spending further as they attempted to live within their cashflows. Shale oil production dropped by nearly 3m b/day in 2020 (peak to trough) and took nearly three years to recover to the previous peak of late 2019.

Non-OPEC supply growth outside the US has been sustained in recent years, by a handful major project additions, notably in Guyana and Brazil. Net growth remains sluggish, however, as much of the new oil has been required to offset natural declines in more mature basins.

### Future demand

The IEA estimate that 2026 oil demand will rise by around 0.9m b/day to 104.9m b/day, 4.2m b/day ahead of the 2019 pre-COVID peak. Post the COVID demand recovery, the world is settling back into annual oil demand growth of plus or minus

## Guinness Global Energy

1m b/day, led by increased use in the non-OECD region. China has been, and continues to be, a key – although no longer major - part of this growth and signs are emerging that India will also grow well.

The trajectory of global oil demand over the next few years will be a function of global GDP, the pace of the ‘consumerisation’ of developing economies, the development of alternative fuels, and price. At \$80/bl, the world oil bill as a percentage of GDP is around 2.7%, and this will still be a stimulant of further demand growth. If oil prices were in a higher range (say around \$115/bl, representing 3.8% of GDP), we would probably return to the pattern established over the past five years, with a flatter picture in the OECD more than offset by growth in the non-OECD area. Flatter OECD demand reflects improving oil efficiency over time, dampened by economic, population and vehicle growth. Within the non-OECD, population growth and rising oil use per capita will both play a significant part.

We keep a close eye on developments in the ‘new energy’ vehicle fleet (electric vehicles; hybrids etc). Sales of electric vehicles (pure electric and plug-in hybrid electrics) globally were around 22m in 2025, up from 17.5m in 2024. We expect to see strong EV sales growth again in 2026, up to around 25.5m, exceeding 20% of total global sales. Even applying an aggressive growth rate to EV sales, we see EVs comprising only around 15% of the global car fleet by the end of 2030. Looking further ahead, we expect the penetration of EVs to accelerate, causing global gasoline demand to peak at some point in the middle of the 2020s. However, owing to the weight of oil demand that comes from sources other than passenger vehicles (around 75%), which we expect to continue growing linked to GDP, we expect total oil demand not to peak until the early 2030s.

### Conclusions about oil

The table below summarises our view by showing our oil price forecasts for WTI and Brent in 2025 versus recent history.

#### Average WTI & Brent yearly prices, and changes

|                                    | 2006      | 2007      | 2008      | 2009      | 2010      | 2011       | 2012       | 2013       | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      |     |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| <b>Oil price (\$/bl)</b>           |           |           |           |           |           |            |            |            |           |           |           |           |           |           |           |           |           |           |           |           |           | Est |
| WTI                                | 75        | 72        | 100       | 62        | 80        | 95         | 94         | 98         | 93        | 49        | 43        | 51        | 65        | 57        | 39        | 68        | 94        | 78        | 76        | 76        | 62        |     |
| Brent                              | 75        | 73        | 99        | 63        | 80        | 111        | 112        | 109        | 99        | 54        | 45        | 55        | 72        | 64        | 43        | 71        | 99        | 83        | 81        | 81        | 65        |     |
| <b>Brent/WTI average</b>           | <b>75</b> | <b>73</b> | <b>99</b> | <b>62</b> | <b>80</b> | <b>103</b> | <b>103</b> | <b>103</b> | <b>96</b> | <b>51</b> | <b>44</b> | <b>53</b> | <b>68</b> | <b>61</b> | <b>41</b> | <b>70</b> | <b>97</b> | <b>80</b> | <b>78</b> | <b>78</b> | <b>64</b> |     |
| <b>Brent/WTI y-on-y change (%)</b> | 15%       | -3%       | 37%       | -37%      | 28%       | 29%        | 0%         | 0%         | -7%       | -47%      | -13%      | 19%       | 29%       | -11%      | -32%      | 68%       | 39%       | -17%      | -2%       | 0%        | -19%      |     |
| Brent/WTI (5yr MAV)                | 51        | 59        | 72        | 75        | 78        | 83         | 89         | 90         | 97        | 91        | 80        | 70        | 63        | 55        | 53        | 58        | 67        | 70        | 73        | 81        | 79        |     |

Source: Guinness Global Investors estimates, Bloomberg, February 2026

We believe that Saudi’s long-term objective remains to maintain a ‘good’ oil price, something north of \$80/bl. The world oil bill at around \$80/bl represents 2.7% of 2024 global GDP, well under the thirty-year average level of around 3%.

## ii) Natural gas market

### US gas demand

On the demand side for the US, industrial gas demand and power generation gas demand (each about 25-35% of total US gas demand) are key. Commercial and residential demand, which make up a further quarter, have been fairly constant on average over the last decade – although yearly fluctuations due to the severity of winter weather can be marked.

#### US natural gas demand

| Bcf/day                       | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        | 2019        | 2020         | 2021        | 2022         | 2023         | 2024         | 2025         | 2026E        |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|
| <b>US natural gas demand:</b> |             |             |             |             |             |             |             |             |              |             |              |              |              |              |              |
| Residential/commercial        | 19.2        | 22.4        | 23.4        | 21.4        | 20.5        | 20.9        | 23.4        | 23.5        | 21.5         | 21.5        | 23.2         | 21.5         | 21.0         | 23.1         | 23.1         |
| Power generation              | 24.9        | 22.3        | 22.3        | 26.5        | 27.3        | 25.3        | 29.0        | 30.9        | 31.7         | 30.9        | 33.1         | 35.3         | 36.7         | 35.8         | 36.6         |
| Industrial                    | 19.7        | 20.3        | 20.9        | 20.6        | 21.1        | 21.6        | 23.0        | 23.1        | 22.3         | 22.5        | 23.2         | 23.3         | 23.3         | 23.5         | 23.8         |
| Pipeline exports (Mexico)     | 1.8         | 1.9         | 1.9         | 2.7         | 3.8         | 4.0         | 4.6         | 5.1         | 5.4          | 5.9         | 5.7          | 6.1          | 6.4          | 6.6          | 6.9          |
| LNG exports                   | -           | -           | -           | 0.1         | 1.0         | 2.6         | 2.8         | 4.8         | 6.4          | 9.7         | 12.0         | 12.6         | 13.1         | 16.5         | 18.9         |
| Pipeline/plant/other          | 6.1         | 6.7         | 6.3         | 6.5         | 6.4         | 6.5         | 7.0         | 7.8         | 7.7          | 7.8         | 7.4          | 8.2          | 7.9          | 7.9          | 8.3          |
| <b>Total demand</b>           | <b>71.7</b> | <b>73.6</b> | <b>74.8</b> | <b>77.8</b> | <b>80.1</b> | <b>80.9</b> | <b>89.8</b> | <b>95.2</b> | <b>95.0</b>  | <b>98.3</b> | <b>104.6</b> | <b>107.0</b> | <b>108.4</b> | <b>113.4</b> | <b>117.6</b> |
| <b>Demand growth</b>          | <b>3.1</b>  | <b>1.9</b>  | <b>1.2</b>  | <b>3.0</b>  | <b>2.3</b>  | <b>0.8</b>  | <b>8.9</b>  | <b>5.4</b>  | <b>- 0.2</b> | <b>3.3</b>  | <b>6.3</b>   | <b>2.4</b>   | <b>1.4</b>   | <b>5.0</b>   | <b>4.2</b>   |

Source: EIA; GS; Guinness estimates, Jan 2026

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Industrial demand (of which around 35% comes from petrochemicals) trends up and down depending on the strength of the economy and the differential between US and international gas prices. Electricity gas demand (i.e. power generation) is affected by weather, in particular by warm summers, which drive demand for air conditioning, but the underlying trend depends on GDP growth and the proportion of incremental new power generation each year that goes to natural gas versus the alternatives of coal, nuclear and renewables. Gas has been taking market share in this sector: in 2025 40% of electricity generation was powered by gas, up from 22% in 2007. The big loser here is coal, which has consistently given up market share.

Total gas demand in 2025 (including Mexican and LNG exports) was around 113.4 Bcf/day, up by 5.0 Bcf/day versus 2024 and ~18 Bcf/day higher than the pre-COVID level in 2019. The biggest contributor to the growth in demand in 2025 was LNG exports.

We expect US demand growth in 2026 of around 4.2 Bcf/day. Growth is expected to be driven by higher LNG exports and greater power generation demand. Beyond 2025, we expect to see a material increase in US LNG export capacity as higher international gas prices incentivise new LNG export investment. Proposed projects imply capacity growth of around 5-6 Bcf/day in 2026-2028, bringing total export capacity to over 20 Bcf/day by 2028.

### US gas supply

Overall, whilst gas demand in the US has been strong over the past five years, it has been overshadowed by a rise in onshore supply, holding the gas price lower.

The supply side fundamentals for natural gas in the US are driven by three main moving parts: onshore and offshore domestic production, pipeline imports of gas from Canada, and LNG imports. Of these, onshore supply is the biggest component, making up over 90% of total supply.

#### US natural gas supply

| Bcf/day                        | 2012         | 2013        | 2014         | 2015         | 2016         | 2017        | 2018        | 2019         | 2020         | 2021        | 2022         | 2023         | 2024         | 2025         | 2026E        |
|--------------------------------|--------------|-------------|--------------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|
| <b>US natural gas supply:</b>  |              |             |              |              |              |             |             |              |              |             |              |              |              |              |              |
| US (onshore & offshore)        | 65.7         | 66.3        | 70.9         | 74.2         | 73.4         | 73.6        | 84.3        | 91.4         | 91.1         | 91.8        | 97.4         | 102.5        | 101.8        | 106.5        | 110.6        |
| Net imports (Canada)           | 5.4          | 5.0         | 4.9          | 4.9          | 5.5          | 5.8         | 5.4         | 4.7          | 4.4          | 5.1         | 5.6          | 5.2          | 5.8          | 5.8          | 5.7          |
| LNG imports & other            | 0.8          | 0.6         | 0.5          | 0.5          | 0.4          | 0.3         | 0.1         | 0.1          | -            | -           | 0.1          | -            | 0.6          | 0.6          | 0.9          |
| <b>Total supply</b>            | <b>71.9</b>  | <b>71.9</b> | <b>76.3</b>  | <b>79.6</b>  | <b>79.3</b>  | <b>79.7</b> | <b>89.8</b> | <b>96.2</b>  | <b>95.5</b>  | <b>96.9</b> | <b>103.1</b> | <b>107.7</b> | <b>108.2</b> | <b>112.9</b> | <b>117.2</b> |
| <b>Supply growth</b>           | <b>2.4</b>   | <b>-</b>    | <b>4.4</b>   | <b>3.3</b>   | <b>- 0.3</b> | <b>0.4</b>  | <b>10.1</b> | <b>6.4</b>   | <b>- 0.7</b> | <b>1.4</b>  | <b>6.2</b>   | <b>4.6</b>   | <b>0.5</b>   | <b>4.7</b>   | <b>4.3</b>   |
| <b>(Supply)/demand balance</b> | <b>- 0.2</b> | <b>1.7</b>  | <b>- 1.5</b> | <b>- 1.8</b> | <b>0.8</b>   | <b>1.2</b>  | <b>-</b>    | <b>- 1.0</b> | <b>- 0.5</b> | <b>1.4</b>  | <b>1.5</b>   | <b>- 0.7</b> | <b>0.2</b>   | <b>0.5</b>   | <b>0.4</b>   |

Source: EIA; GS; Guinness estimates, Jan 2026

Since 2010, the weaker gas price in the US reflects growing onshore US production driven by rising shale gas and associated gas production (a by-product of growing onshore US oil production). Interestingly, the overall rise in onshore production has come despite a collapse in the number of rigs drilling for gas, which has dropped from a 1,606 peak in September 2008 to a trough of 68 in July 2020, before recovering to 134 at the end of February 2026. However, offsetting the fall, the average productivity per rig has risen dramatically since 2020 as producers focus their attention on the most prolific shale basins, whilst associated gas from oil production has grown handsomely.

The outlook for gas production in the US depends on three key factors: the rise of associated gas (gas produced from wells classified as oil wells); expansion of the newer shale basins, principally the Marcellus/Utica, and the decline profile of legacy gas fields.

Associated gas production is expected to rise again in 2026 albeit at a slower pace (around 1 Bcf/day) than in 2022 (+5.5 Bcf/day) and 2023 (+3.6 Bcf/day). Lower supply growth is expected from onshore properties as weaker natural gas prices have brought a lower rig count and lower investment.

### Outlook for US LNG exports – global gas arbitrage

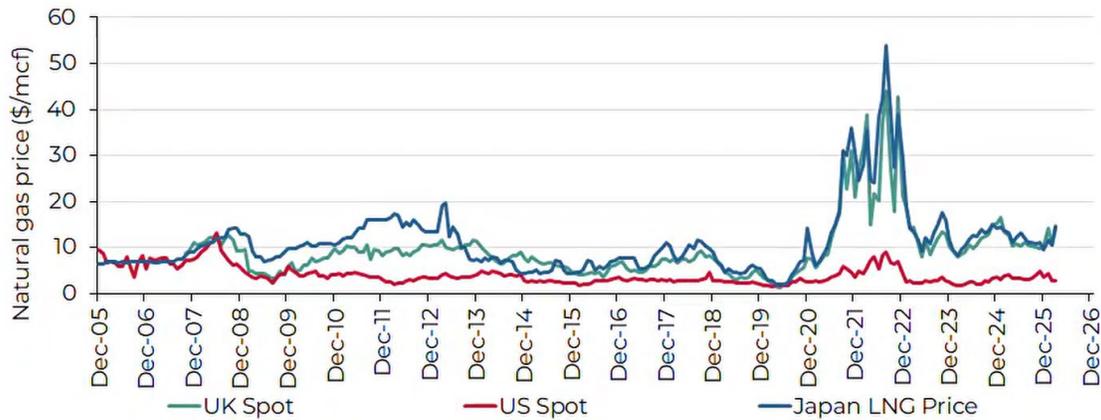
We expect the LNG market is going to be quite finely balanced over the next couple of years. In the event of moderate Chinese LNG demand and “normal” European winters, LNG supply and demand appear to be roughly in balance and global

## Guinness Global Energy

LNG prices appear to be fairly priced at around \$10/Mcf. However, stronger Asian demand (including South Korea and Japan as well as China) or a colder than expected European winter could easily see LNG in tight supply and cause international gas prices spike, although it is unlikely that they revert to the \$40-\$50 levels seen in winter 2022/2023.

Looking further ahead, we see international gas prices settling in a \$9-11/Mcf range. This price range should be sufficient to incentivise new US LNG supply to come online from 2025. It would also allow Europe to displace permanently almost all its Russian gas imports. An international gas price in the \$9-11/Mcf is well down on the highs seen in 2022, but would leave the market at a higher price point than that seen in the few years prior to COVID and the Russian invasion of Ukraine.

### Global gas prices

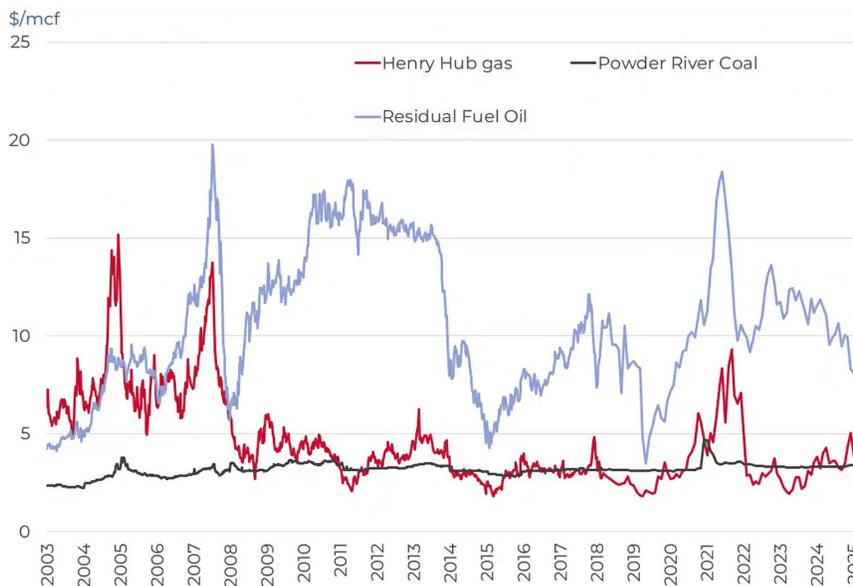


Source: Bloomberg; Guinness Global Investors, Feb 2026

### Relationship with oil and coal

The following chart of the front month US natural gas price against heating oil (No 2), residual fuel oil (No 6) and coal (Sandy Barge adjusted for transport and environmental costs) seeks to illustrate how coal and residual fuel oil switching provide a floor and heating oil a ceiling to the natural gas price. When the gas price has traded below the coal price support level (2012 and 2016), resulting coal-to-gas switching for power generation was significant.

#### Natural gas versus substitutes (fuel oil and coal) - Henry Hub vs residual fuel oil, heating oil, Sandy Barge (adjusted) and Powder River coal (adjusted)



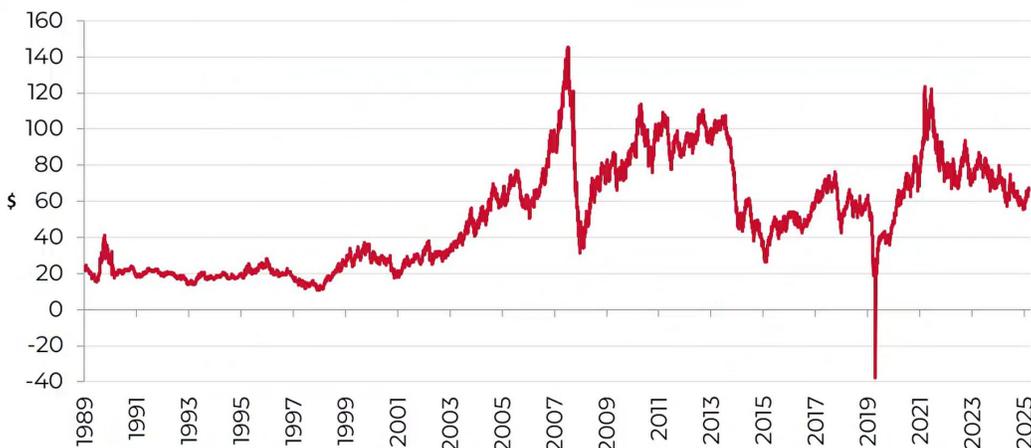
Source: Bloomberg; Guinness Global Investors, Feb 2026

**Conclusions about US natural gas**

The US natural gas price since 2010 has mainly fluctuated between \$2 and \$4/Mcf. The extremes of this range have tended to coincide with warm and cold winters, and any sustained recovery over \$3.50/Mcf has generally been muted by strength in gas supply. With inflationary pressures, we estimate that new onshore supply has an incentive price of around \$3.50/Mcf. Assuming normal weather in 2026, we expect a Henry Hub price at around this level.

**APPENDIX: Oil and gas markets historical context**

**Oil price (WTI \$) since 1989**



Source: Bloomberg, Feb 2026

For the oil market, the period since the Iraq/Kuwait war (1990/91) can be divided into four distinct periods:

- 1) **1990-1998:** broadly characterized by decline. The oil price steadily weakened 1991 – 1993, rallied between 1994 – 1996, and then sold off sharply, to test 20-year lows in late 1998. This latter decline was partly induced by a sharp contraction in demand growth from Asia, associated with the Asian crisis, partly by a rapid recovery in Iraq exports after the UN Oil for food deal, and partly by a perceived lack of discipline at OPEC in coping with these developments.
- 2) **1998-2014:** a much stronger price and upward trend. There was a very strong rally between 1999 and 2000 as OPEC implemented 4m b/day of production cuts. It was followed by a period of weakness caused by the rollback of these cuts, coinciding with the world economic slowdown, which reduced demand growth and a recovery in Russian exports from depressed levels in the mid 90's that increased supply. OPEC responded rapidly to this during 2001 and reintroduced production cuts that stabilized the market relatively quickly by the end of 2001.

Then, in late 2002 early 2003, war in Iraq and a general strike in Venezuela caused the price to spike upward. This was quickly followed by a sharp sell-off due to the swift capture of Iraq's Southern oil fields by Allied Forces and expectation that they would win easily. Then higher prices were generated when the anticipated recovery in Iraq production was slow to materialise. This was in mid to end 2003 followed by a much more normal phase with positive factors (China demand; Venezuelan production difficulties; strong world economy) balanced against negative ones (Iraq back to 2.5 m b/day; 2Q seasonal demand weakness) with stock levels and speculative activity needing to be monitored closely. OPEC's management skills appeared likely to be the critical determinant in this environment.

By mid-2004 the market had become unsettled by the deteriorating security situation in Iraq and Saudi Arabia and increasingly impressed by the regular upgrades in IEA forecasts of near record world oil demand growth in 2004 caused by a triple demand shock from strong demand simultaneously from China; the developed world (esp. USA) and Asia ex China. Higher production by OPEC has been one response and there was for a period some worry that this, if not curbed, together with demand and supply responses to higher prices, would cause an oil price sell off. Offsetting this has been an opposite worry that non-OPEC production could be within a decade of peaking; a growing view that OPEC would

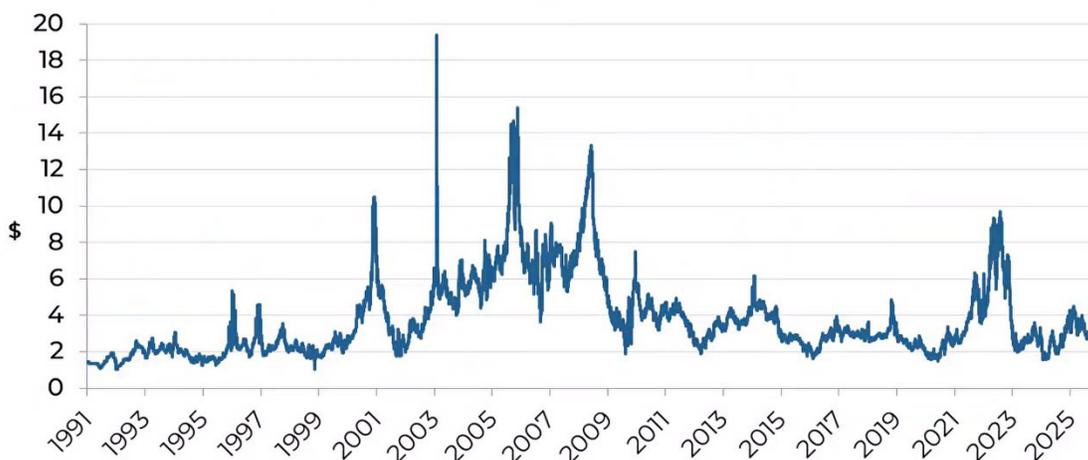
defend \$50 oil vigorously; upwards pressure on inventory levels from a move from JIT (just in time) to JIC (just in case); and pressure on futures markets from commodity fund investors.

Continued expectations of a supply crunch by the end of the decade, coupled with increased speculative activity in oil markets, contributed to the oil price surging past \$90 in the final months of 2007 and as high as \$147 by the middle of 2008. This spike was brought to an abrupt end by the collapse of Lehman Brothers and the financial crisis and recession that followed, all of which contributed to the oil price falling back by early 2009 to just above \$30. OPEC responded decisively and reduced output, helping the price to recover in 2009 and stabilise in the \$70-95 range where it remained for two years.

Prices during 2011-2014 moved higher, averaging around \$100, though WTI generally traded lower than Brent oil benchmarks due to US domestic oversupply affecting WTI. During this period, US unconventional oil supply grew strongly, but was offset by the pressures of rising non-OECD demand and supply tensions in the Middle East/North Africa.

- 3) **2014-2020:** a further downcycle in oil. Ten years of high prices leading up to 2014 catalysed a wall of new non-OPEC supply, sufficient that OPEC saw no choice but to stop supporting price and re-set the investment cycle. Oil prices found a bottom in 2016 (as a result of OPEC and non-OPEC partners cutting production again), but its recovery was capped by the volume of new supply still coming into the market from projects sanctioned pre the 2014 price crash. Average prices were pinned 2017-19 in the \$50-70/bl range, with prices at the top end of this range stimulating oversupply from US shale. The alliance between OPEC and non-OPEC partners fell apart briefly in March 2020 and, coupled with an unprecedented collapse in demand owing to the COVID-19 crisis, oil prices dropped back below \$30/bl, before recovering to around \$50/bl by the end of 2020 thanks to renewed OPEC+ action.
- 4) **2021 onwards:** Underinvestment in new oil capacity in the 2015-2020 period catalysed the start of a new cycle in 2021, pushing prices above \$75/bl.

**North American gas price since 1991 (Henry Hub \$/Mcf)**



*Source: Bloomberg, Feb 2026*

With regard to the US natural gas market, the price traded between \$1.50 and \$3/Mcf for the period 1991 - 1999. The 2000s were a more volatile period for the gas price, with several spikes over \$8/Mcf, but each lasting less than 12 months. On each occasion, the price spike induced a spurt of drilling which brought the price back down. Excepting these spikes, from 2004 to 2008, the price generally traded in the \$5-8 range. Since 2008, the price has averaged below \$4 as progress achieved in 2007-8 in developing shale plays boosted supply while the 2008-09 recession cut demand. Demand has been extremely strong over the last decade but this has been outpaced by continued growth in onshore production, driven by the prolific Marcellus/Utica field and associated gas as a by-product of shale oil production.

North American gas prices are important to many E&P companies. In the short term, they do not necessarily move in line with the oil price, as the gas market is essentially a local one. (In theory 6 Mcf of gas is equivalent to 1 barrel of oil so \$60 per barrel equals \$10/Mcf gas). It remains a regional market more than a global market, though the development of the LNG industry is creating a greater linkage.

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