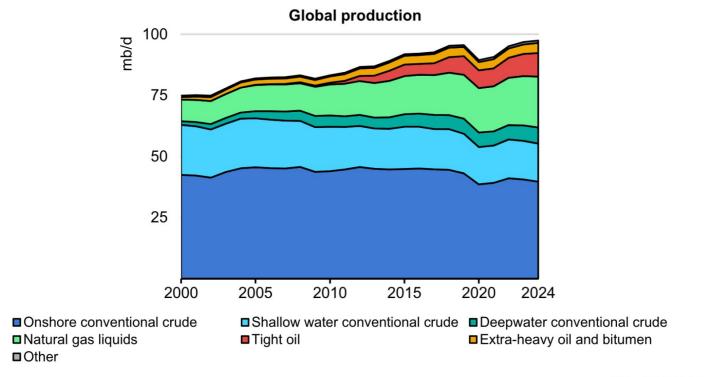
Figure 1 Oil production by type and average annual change, 2000-2024

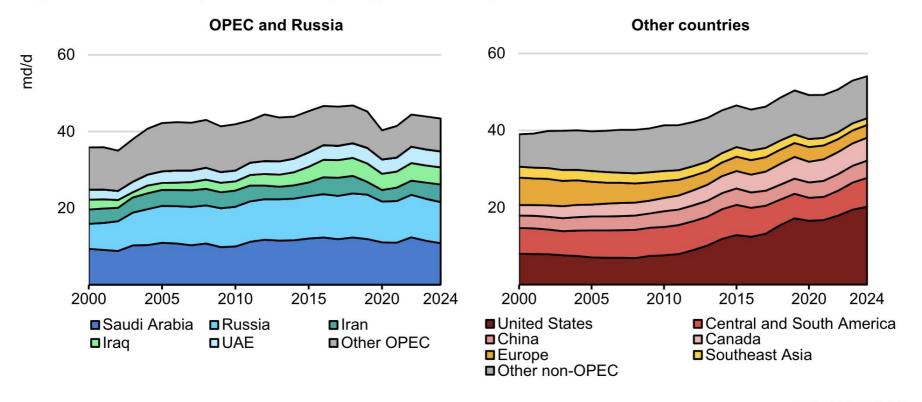


Note: Other includes coal-to-liquids, gas-to-liquids, kerogen oil and additives.

Figure 1 Oil production by type and average annual change, 2000-2024 Global production Average annual change 100 3 p/qm 75 50 25 0 2010 2015 2000 2005 2020 2024 2005-10 2010-15 2015-19 2019-24 2000-05 ■ Onshore conventional crude ■ Shallow water conventional crude ■ Deepwater conventional crude ■Extra-heavy oil and bitumen ■ Natural gas liquids ■ Tight oil ■ Other

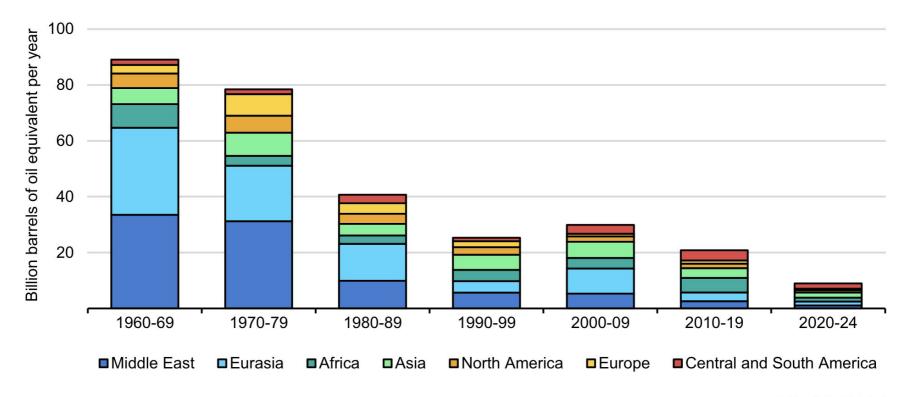
Note: Other includes coal-to-liquids, gas-to-liquids, kerogen oil and additives.

Figure 3 Oil production by region/country, 2000-2024



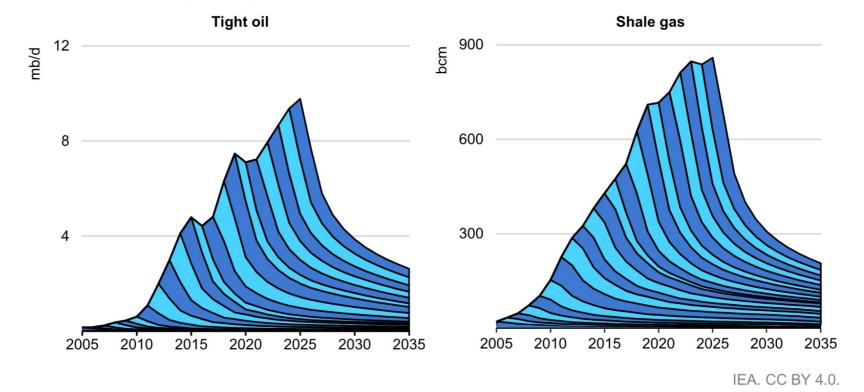
Note: UAE = United Arab Emirates; OPEC = Organization of the Petroleum Exporting Countries.

Figure 12 Average annual conventional oil and gas discoveries, 1960-2024



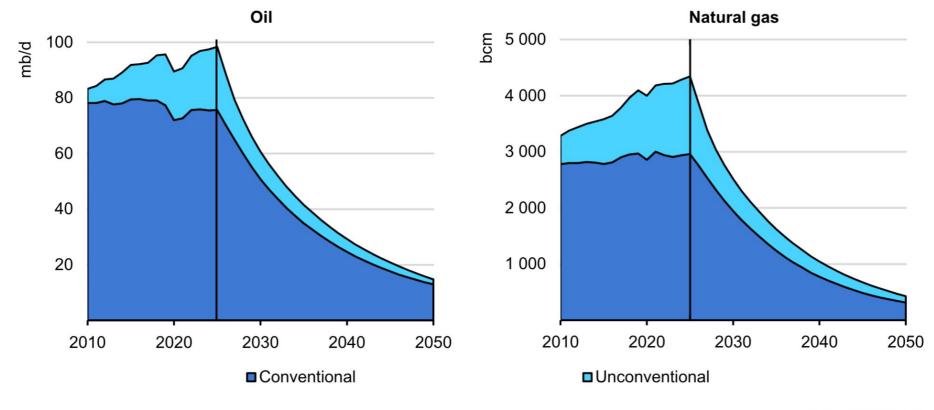
Source: IEA analysis based on data from Rystad Energy (2025).

Figure 34 Tight oil and shale gas in the United States by well start-up year and projected production based on natural declines



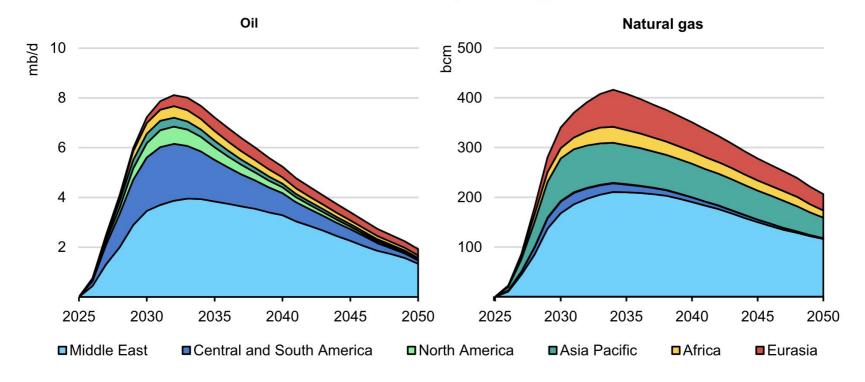
Notes: mb/d = million barrels per day; bcm = billion cubic metres. Data shown assume that all investment ends on 1 January 2026. Bands show production from all wells drilled in each 12-month period starting in 2005.

Figure 37 Global oil and gas production with natural declines rates from 2025



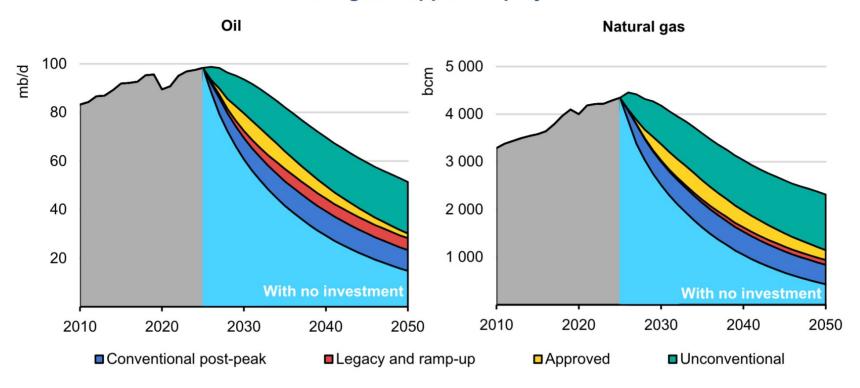
Note: Natural decline rates begin from the end of 2025.

Figure 15 Production outlook to 2050 from conventional oil and gas projects that have received FID but were not producing in 2025



Note: Projects represented have a final investment decision but are not expected to start producing until the start of 2026. Source: IEA analysis based on data from Rystad Energy (2025).

Figure 40 Oil and natural gas production with no investment and additions from investment in existing and approved projects



Source: IEA analysis based on data from Rystad Energy (2025).

