



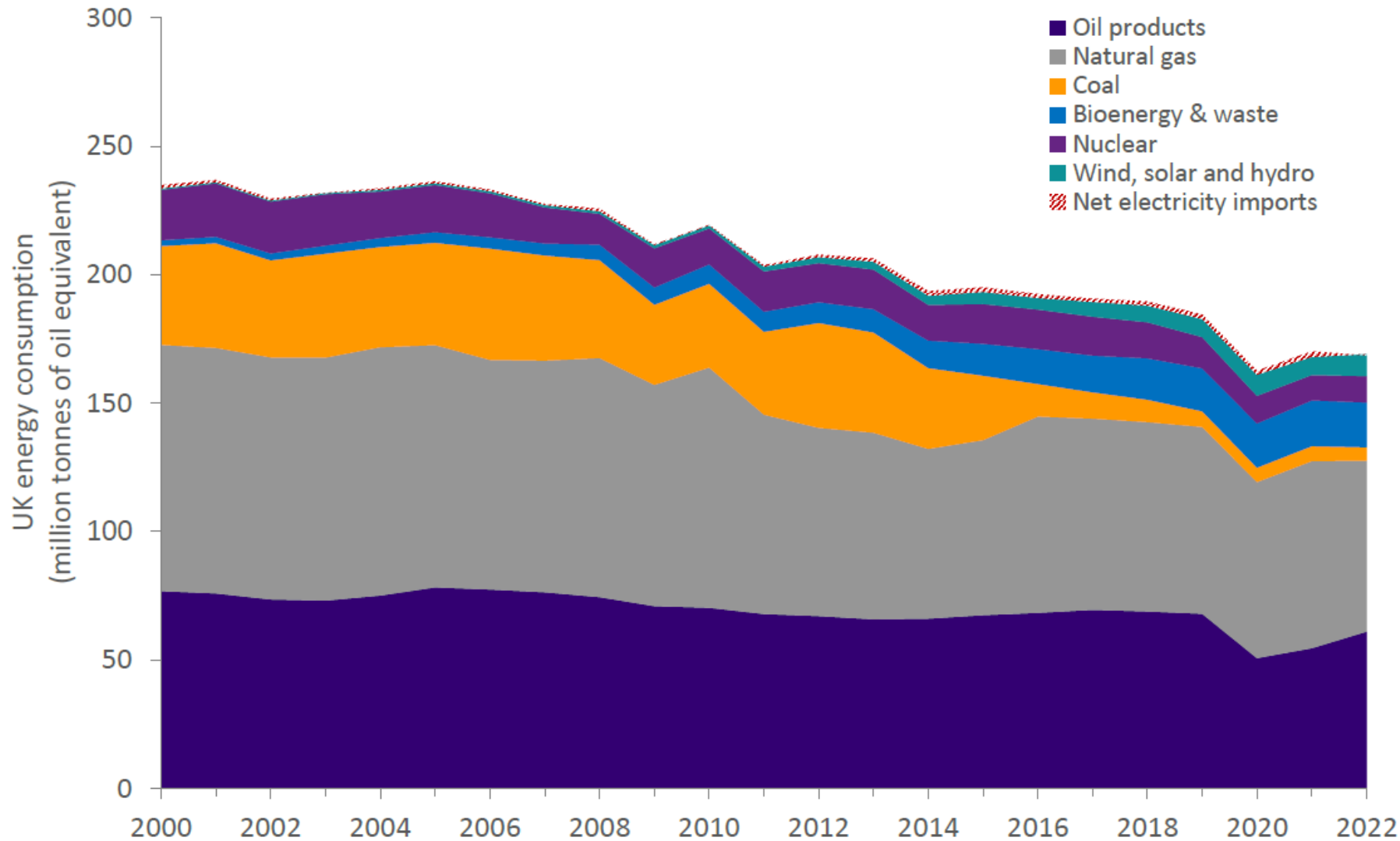
# **Securely meeting the UK's energy needs**

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HSE & Operations Director

10 May 2023

# UK energy consumption has been falling

The mix is slowly becoming more diverse, but oil and gas continues to be core



Sources: DESNZ, OEUK

**Energy consumption same in 2022 as 2021 – 10% lower than 2019**

**Oil and gas meet ~  $\frac{3}{4}$  of UK energy**

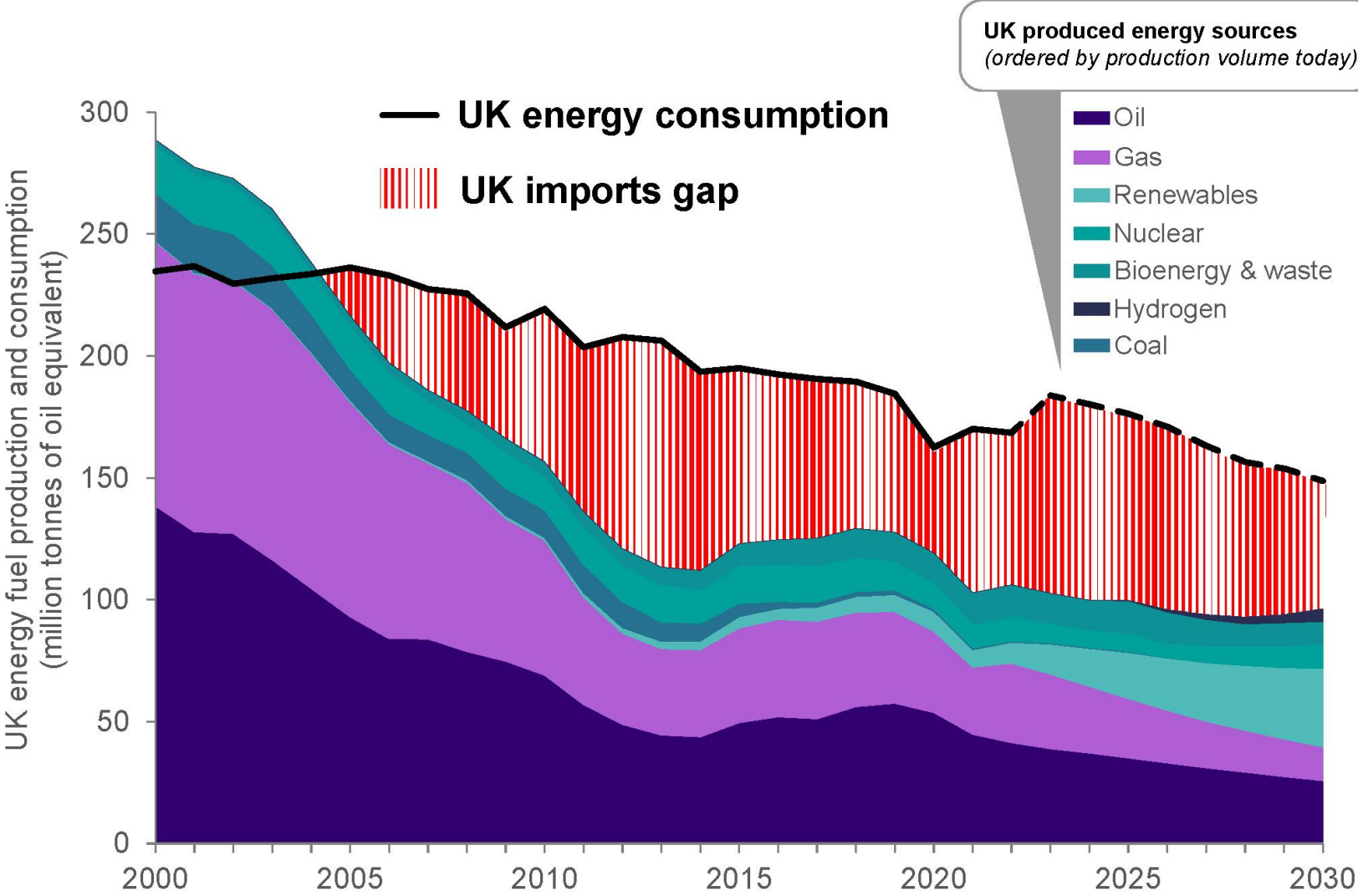
**~ 39% gas**


**~36% oil**

**Renewables growing, but still relatively low contribution**

# The UK doesn't produce enough energy to meet its needs

Significant reliance on fuel imports can bring challenges





Treble nuclear power capacity

12 GW

The worlds Second largest offshore wind capacity

50 GW

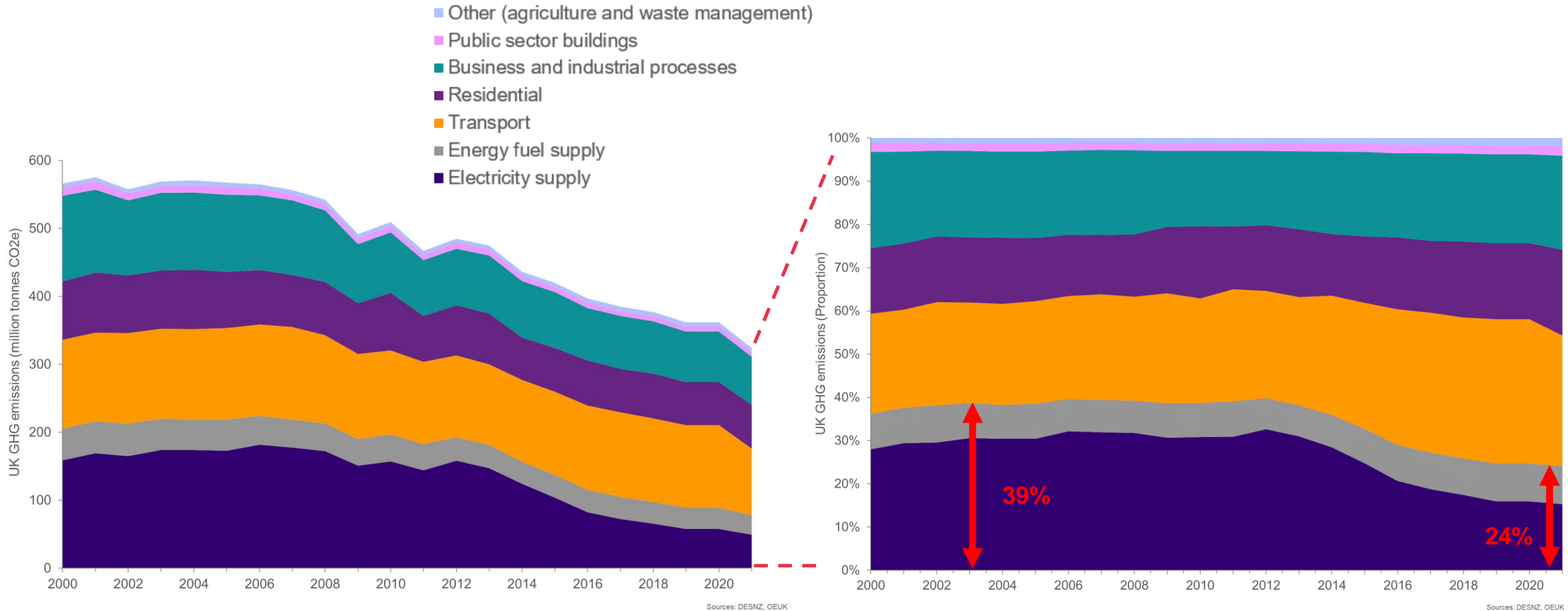
50 GW of offshore wind power capacity

Without new investment **UK gas** supplies will only meet **20%** of demand in **2030**

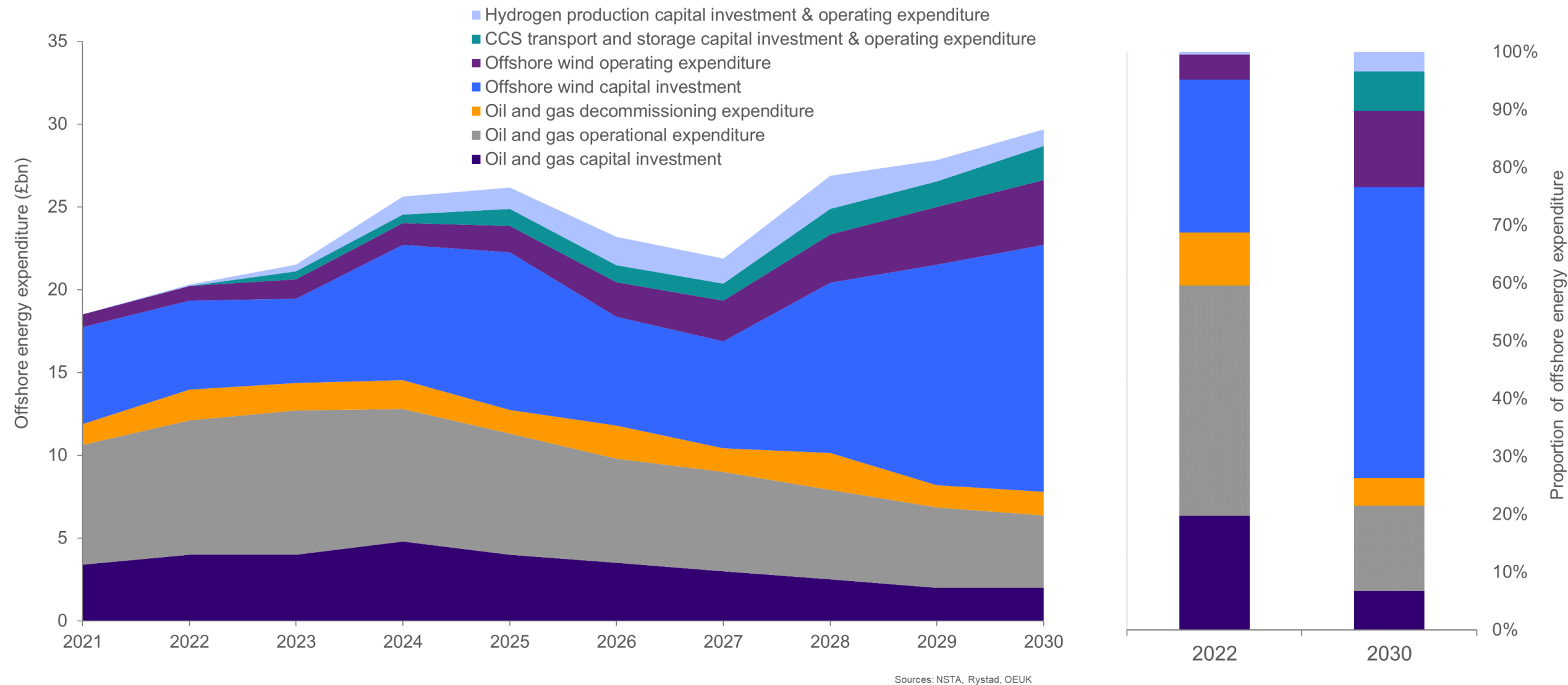
Without new investment **UK oil** supplies will only meet **30%** of demand in **2030**

# Heading for net zero? Emissions are coming down, but more, and faster, action is needed

Energy supply emissions have fallen faster than from consumption – a range of factors driving the trend



There is huge upcoming opportunity, but will it be realised?  
Converting potential is key to supply chain, energy security, emissions and economy







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