

# EU NEEDS MORE THAN ONE SOLUTION TO DECARBONISE ITS GAS MARKET

 Gas

 **REPORT**

2026 Monitoring Report

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Decarbonising EU natural gas is key,  
as the gas sector accounts  
for around 20% of EU  
greenhouse emissions.



Two ways to decarbonise the EU gas market:

**1** Displace natural gas

**2** Reduce its carbon footprint



The role (and type) of gas is evolving but not disappearing fully.



Gas demand reductions are not guaranteed.

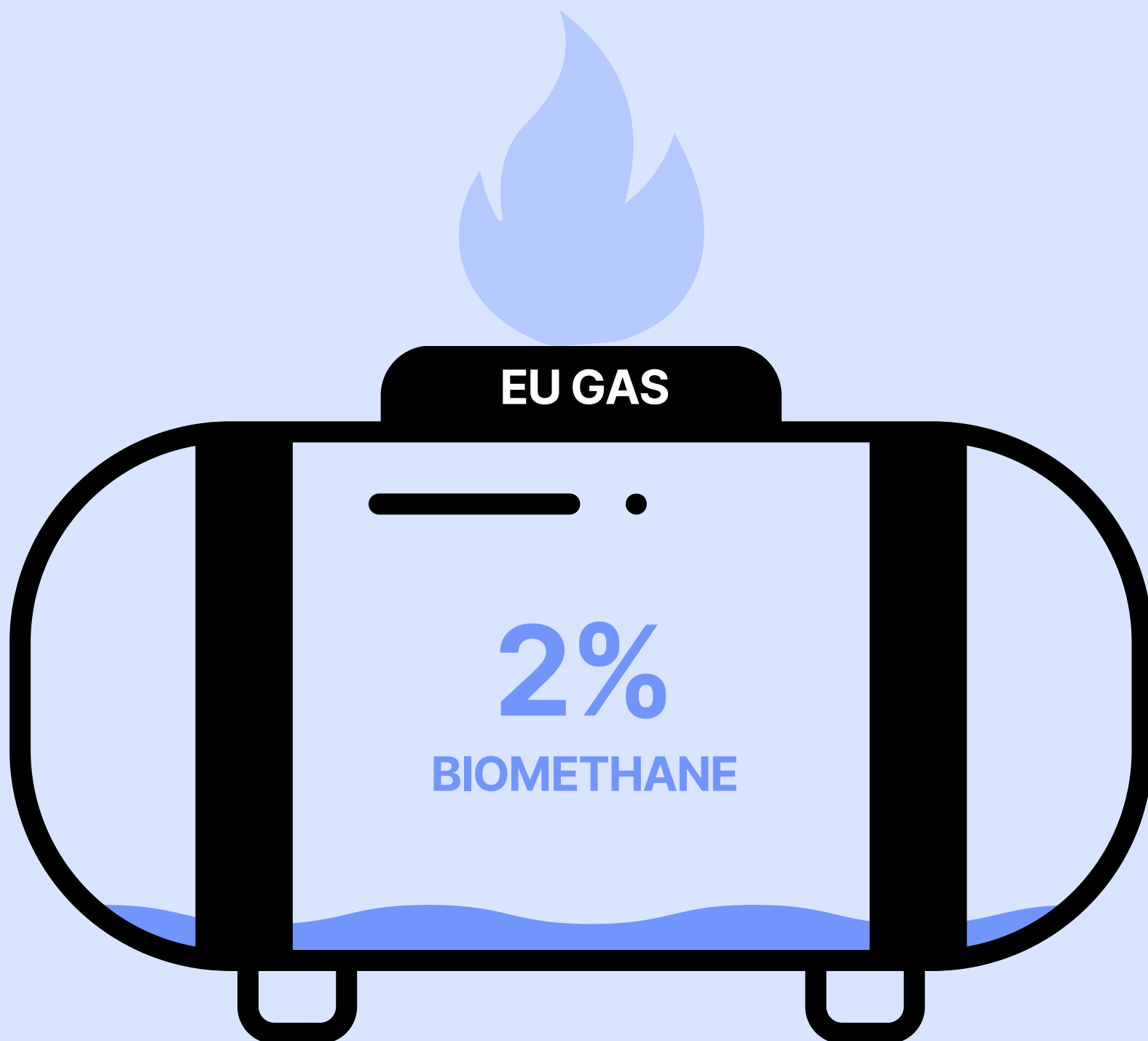
**EU gas demand reached 340 bcm in 2025 (up 2% from 2024),** which could put the EU's decarbonisation goals at risk.



So, EU needs to reduce its gas market's carbon footprint.

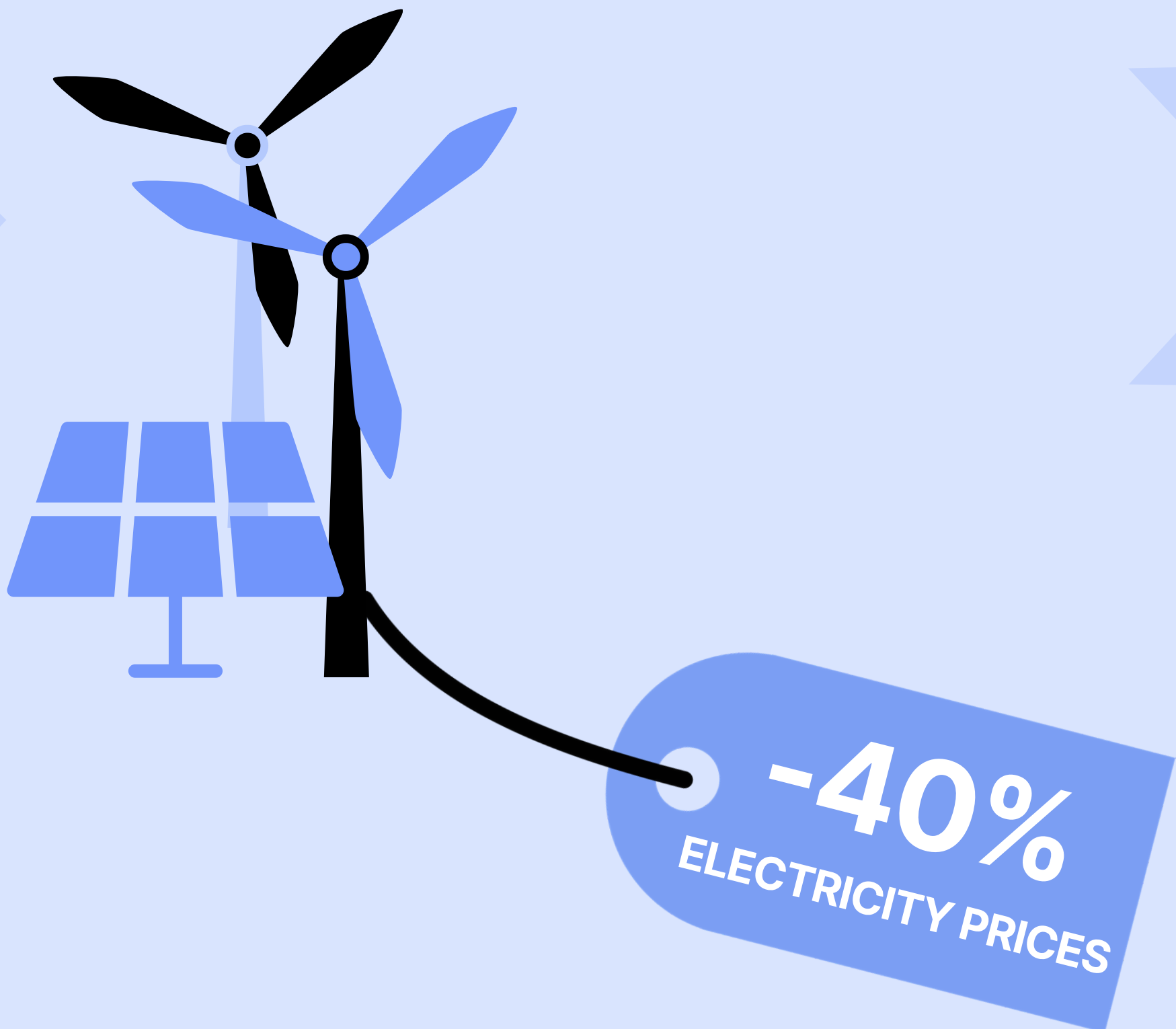
**At 4.3 bcm in 2024, biomethane is promising but still limited**

(accounting for only 2% of total gas supply).



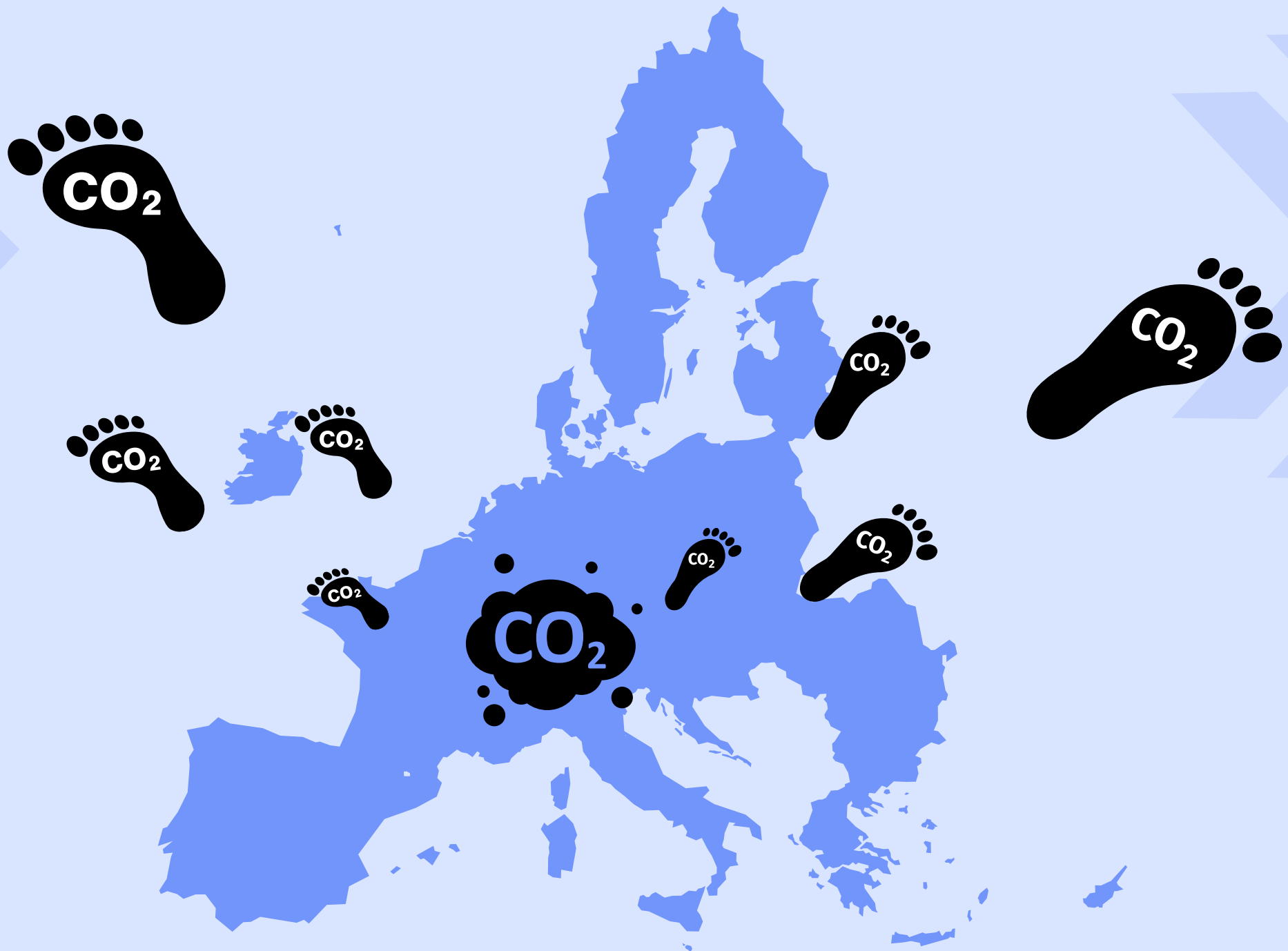
Day-ahead electricity prices are on average 40% lower in low-carbon electricity systems than in carbon-intensive ones.

**Spain is a good example, where more renewables in recent years have led to lower electricity prices.**



The EU's carbon footprint of gas and oil use extends beyond its borders.

**85% of methane emissions linked to EU gas and oil consumption occur outside the EU, making supply-chain emissions a key challenge.**



**No single solution can  
decarbonise the gas market.**

The cost of inaction may ultimately  
be higher than the cost of the clean  
energy transition.

