

Sustainable production and consumption of gas and LNG in the ECE region

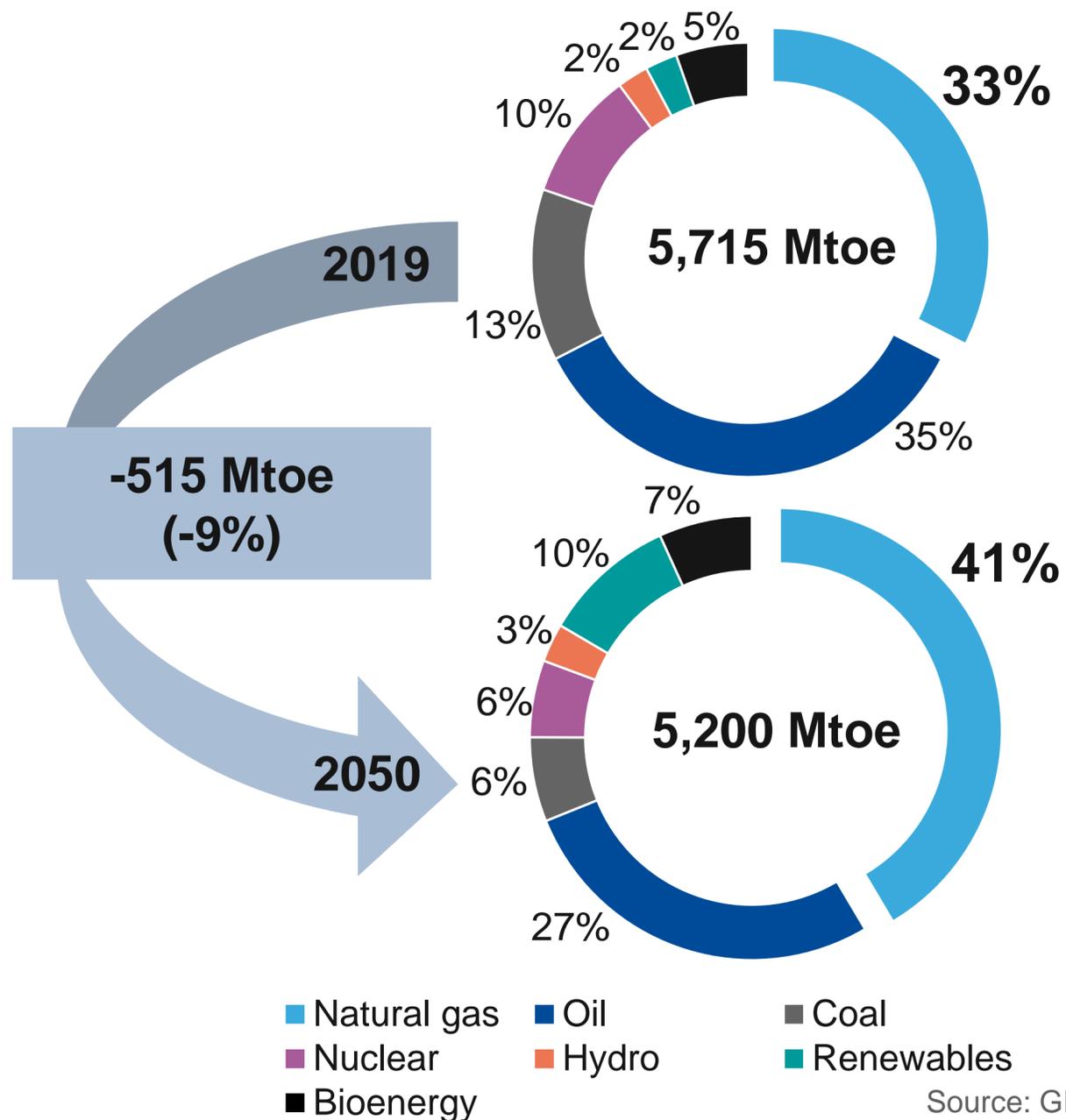
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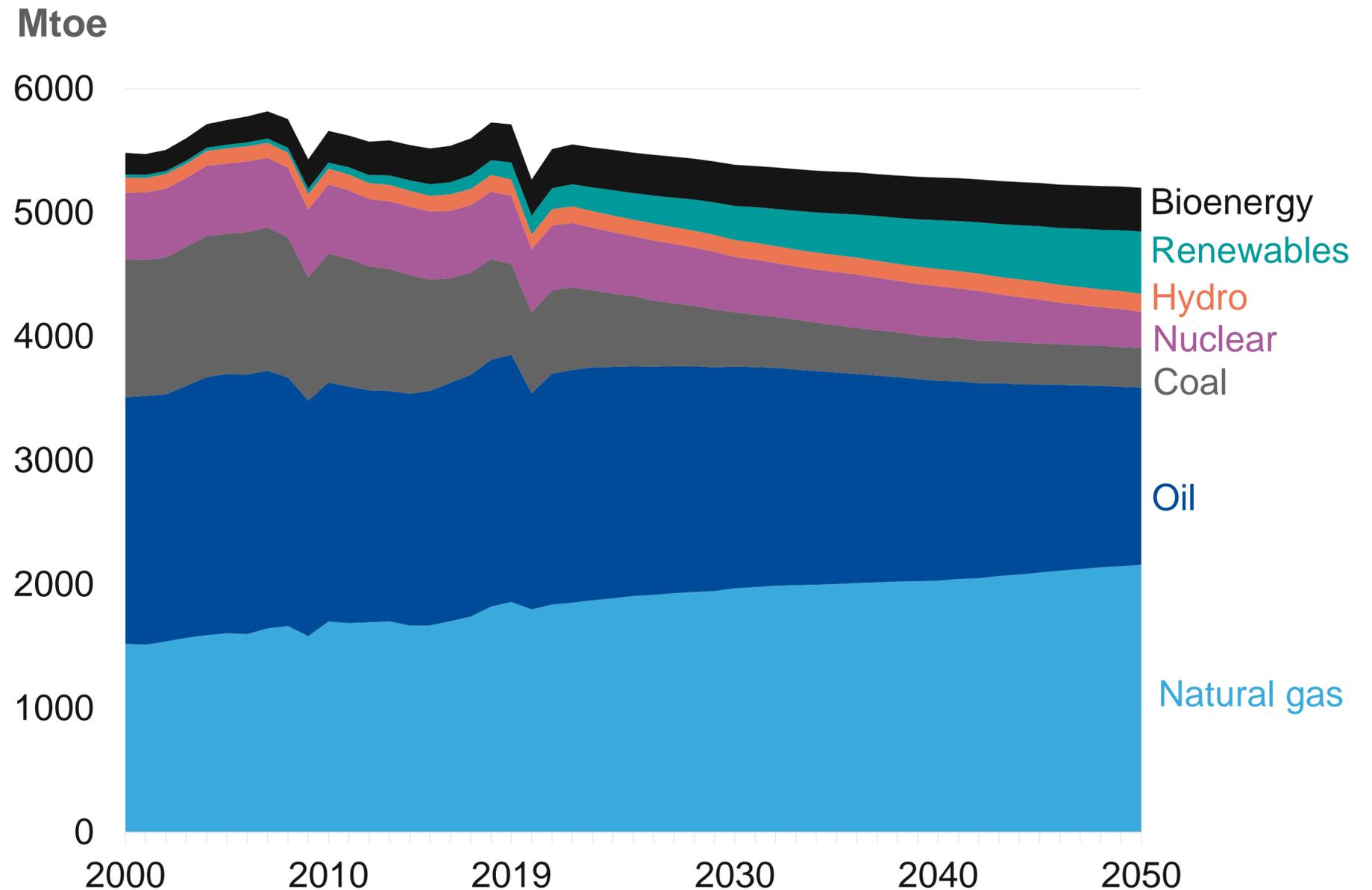


- Natural gas in the UNECE region becomes the largest primary energy source in 2024-2025 and remains a crucial fuel, complementing the energy transition
- The share of natural gas increases from 33% today to 41% in 2050

Energy mix evolution 2019-2050



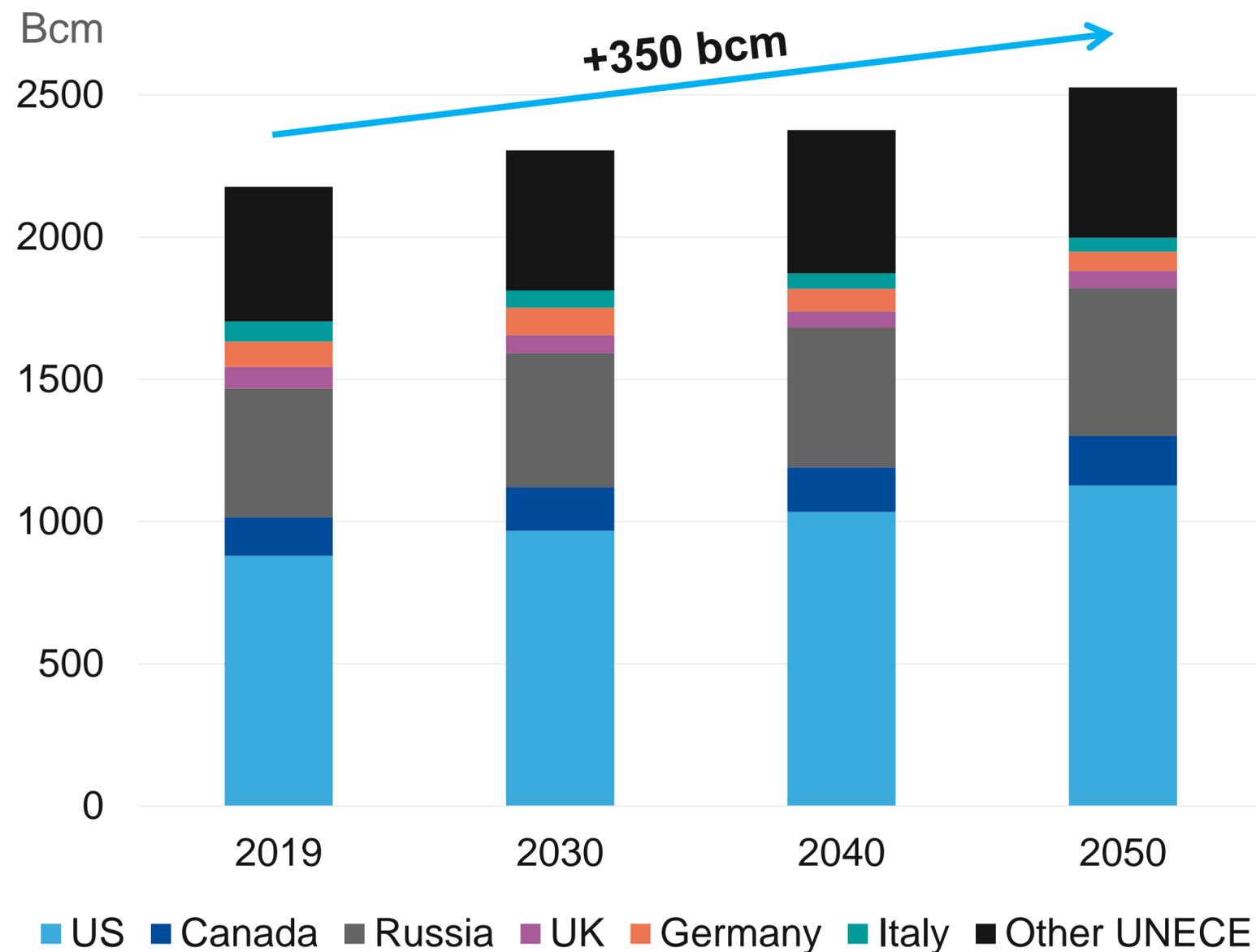
Energy demand trends by fuel type



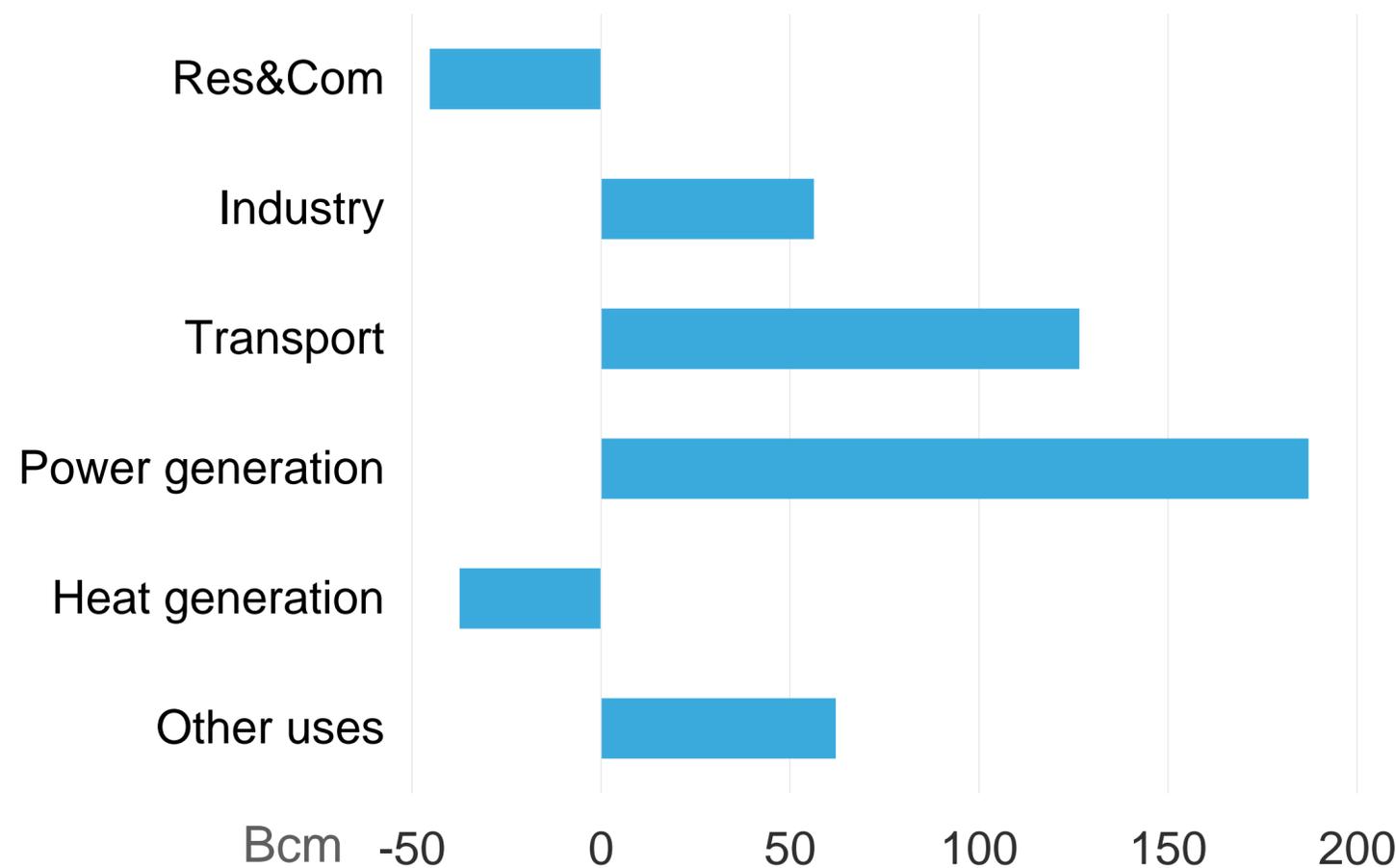
Source: GECF Secretariat based on the GECF Global Gas Model

Note: Bioenergy includes traditional and modern biomass

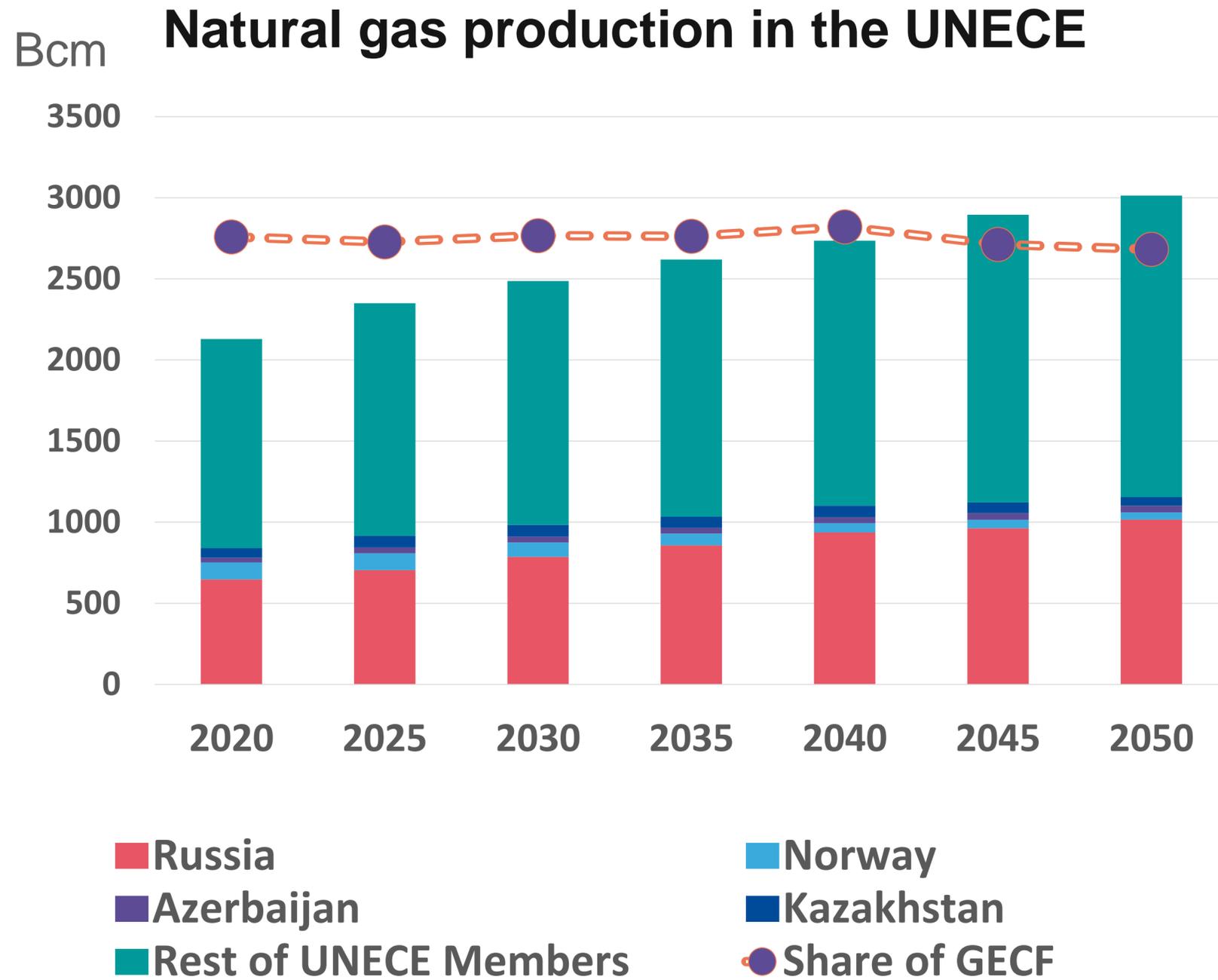
- Natural gas demand in the UNECE region will rise by 16%, exceeding 2,525 bcm by 2050
- The power generation sector is the key driver of the demand increase
- Robust rise of gas usage in road and marine transport



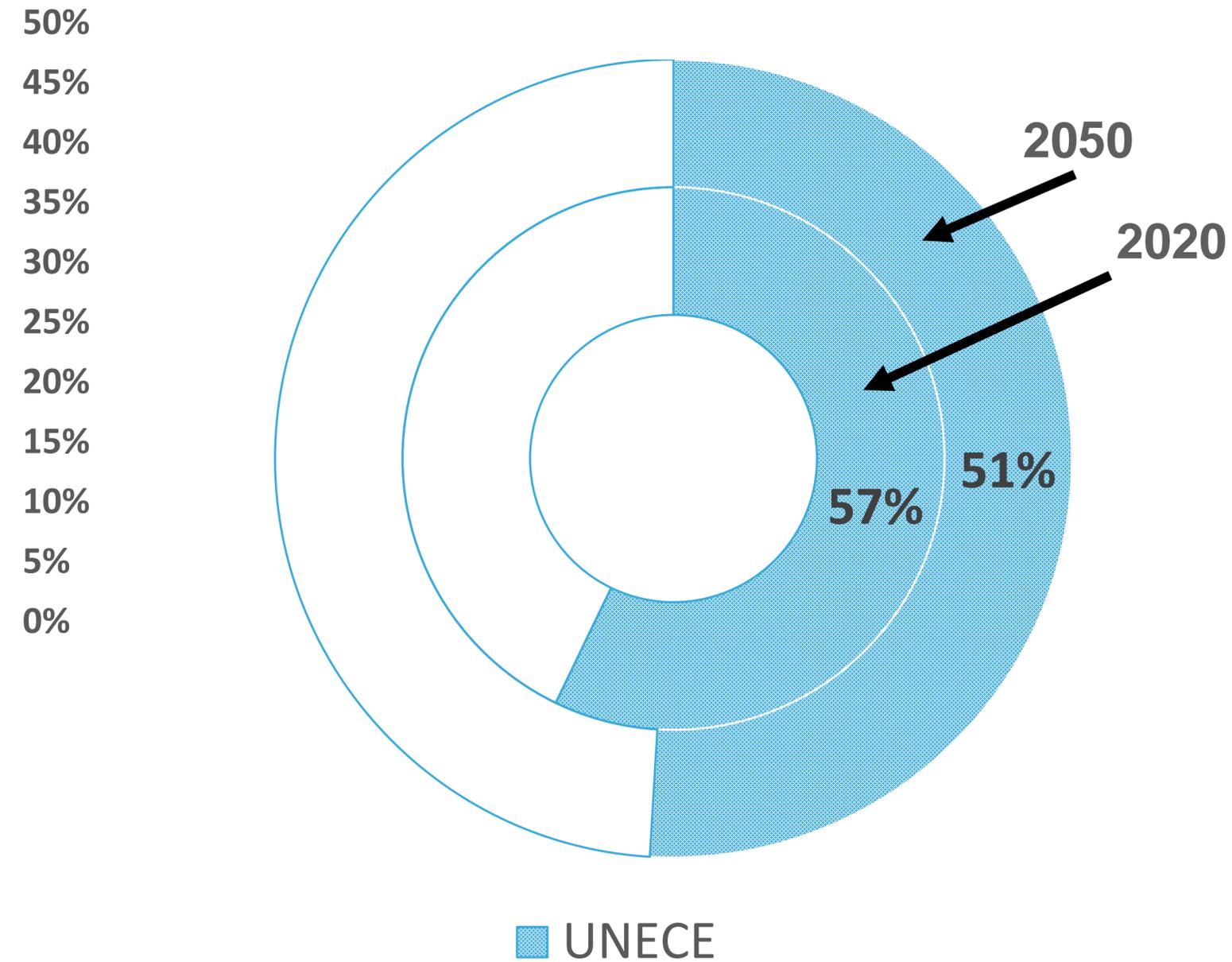
Sectoral contribution to the growth (2019-2050)



Note: 1) Industry includes gas used as an energy fuel and feedstock as well as for hydrogen generation and the production of liquid fuels;
 2) Other uses include gas demand for energy industry own use and for pipeline transport.



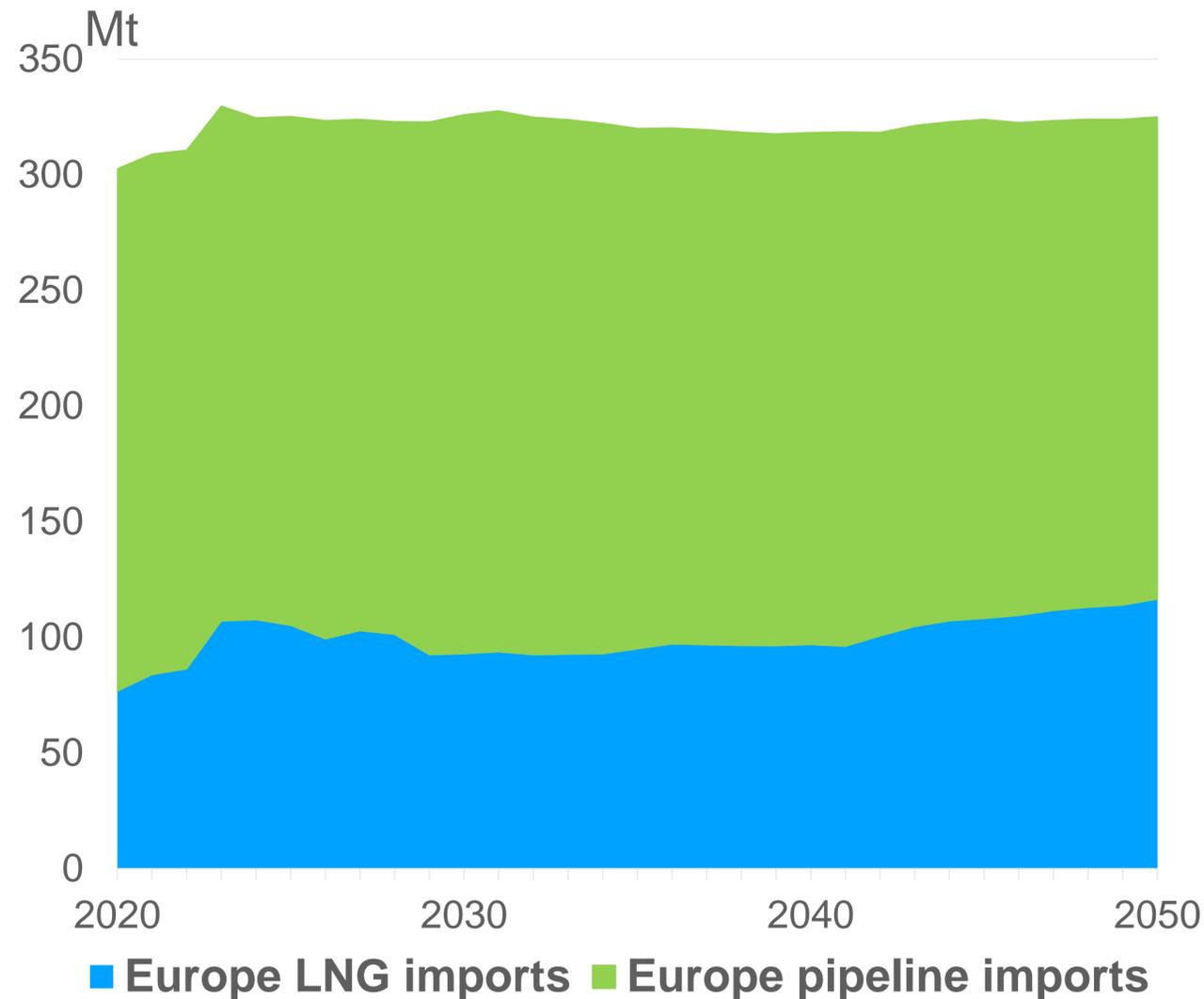
The UNECE's share in global gas supply



The UNECE Europe's natural gas imports will sustain due to rapid decline in domestic production...

- UNECE's Europe will maintain natural gas import at stable 300 – 330 Mtpa (420 – 462 bcma) with gradual growth in LNG
- The Green Deal and energy transition will be a single core factor weighing on cleaner, 'greener' natural gas and LNG demand

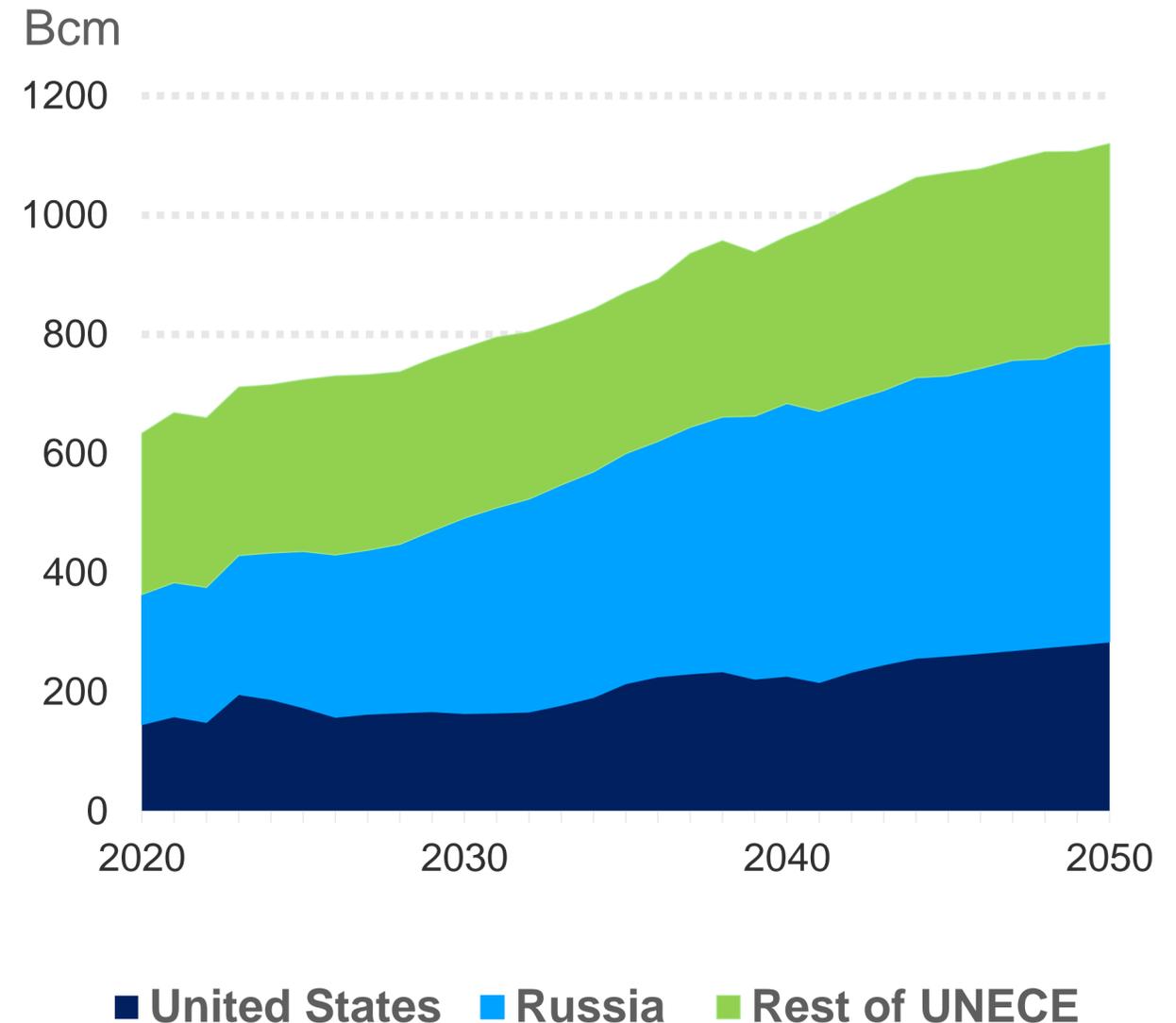
European natural gas imports



... meanwhile, Russia and US will retain its role as key natural gas exporters with more than 66% of its exports

- Russia's overall gas exports will reach 500 bcm in 2050, accounting for 15% of the global LNG market by 2025

UNECE key natural gas exporters



THANK YOU

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GECF