

A photograph of a multi-lane highway that is almost completely empty. In the foreground on the right, a large electronic sign displays the message 'AVOID TRAVEL STAY HOME BEAT COVID-19' in orange LED lights. The background shows a residential area with houses and trees under a cloudy sky.

bp Statistical Review of World Energy
Energy in 2020: the year of COVID
Spencer Dale
Chief economist



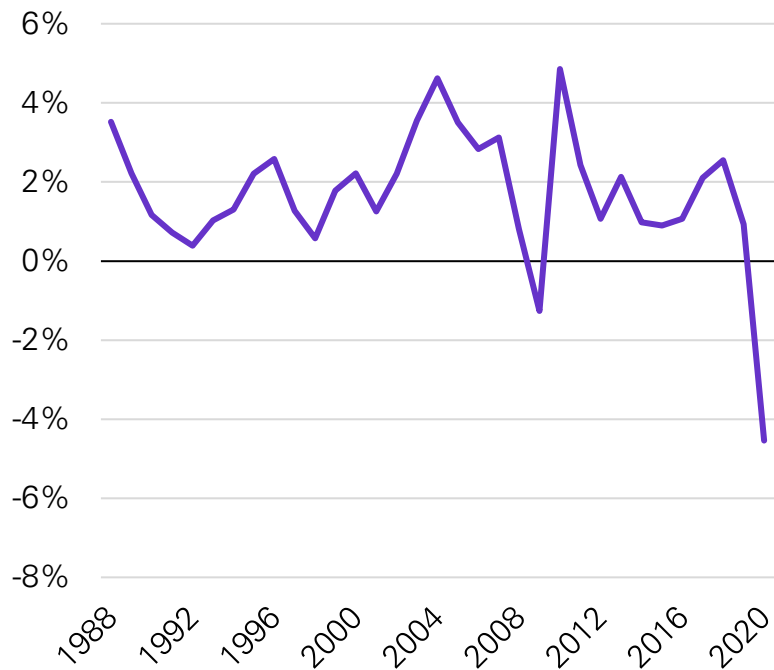
Reviewing world energy
data for 70 years

Global energy demand and carbon emissions



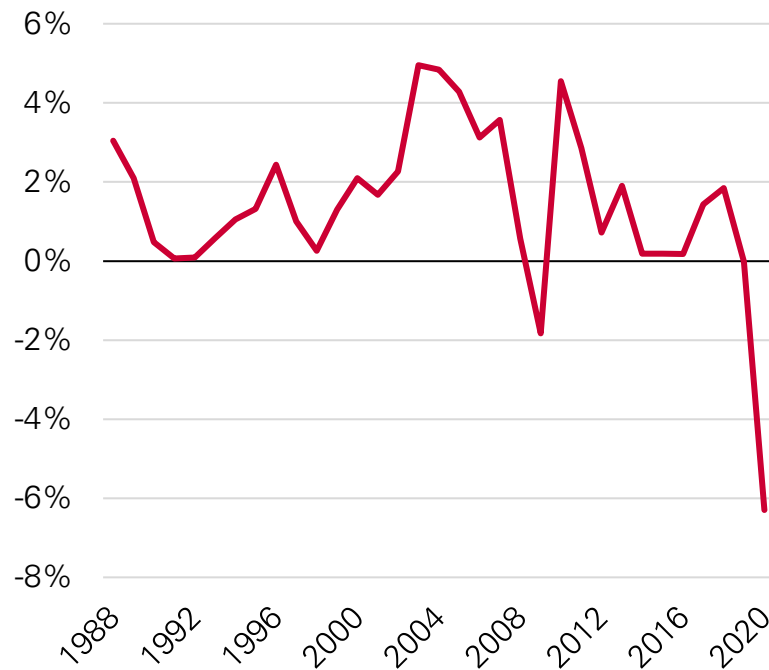
Primary energy consumption

Annual change



CO₂ emissions from energy use

Annual change

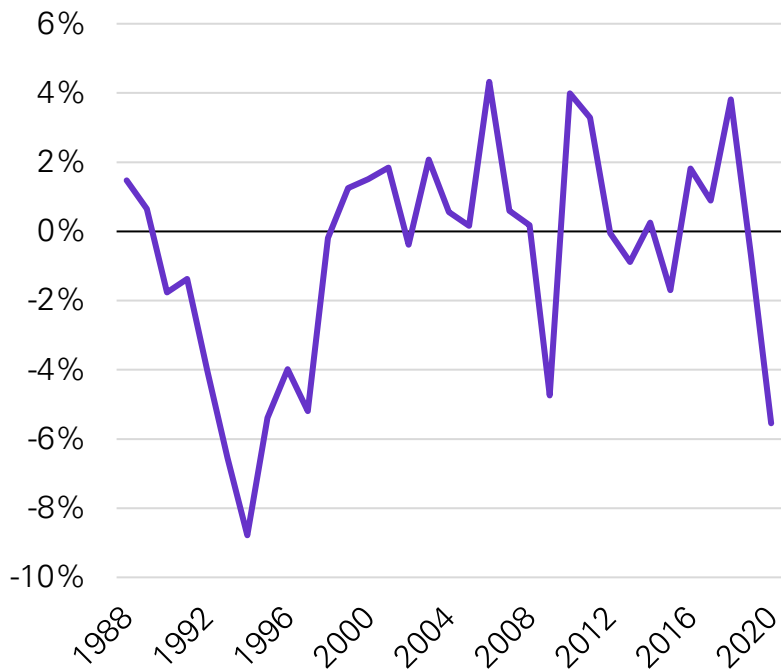


Russian energy demand and carbon emissions



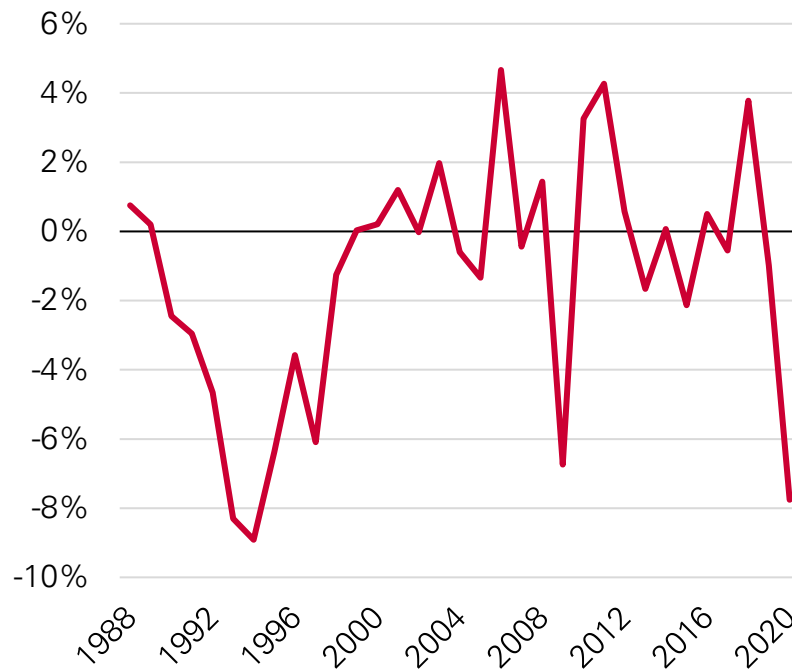
Primary energy consumption

Annual change



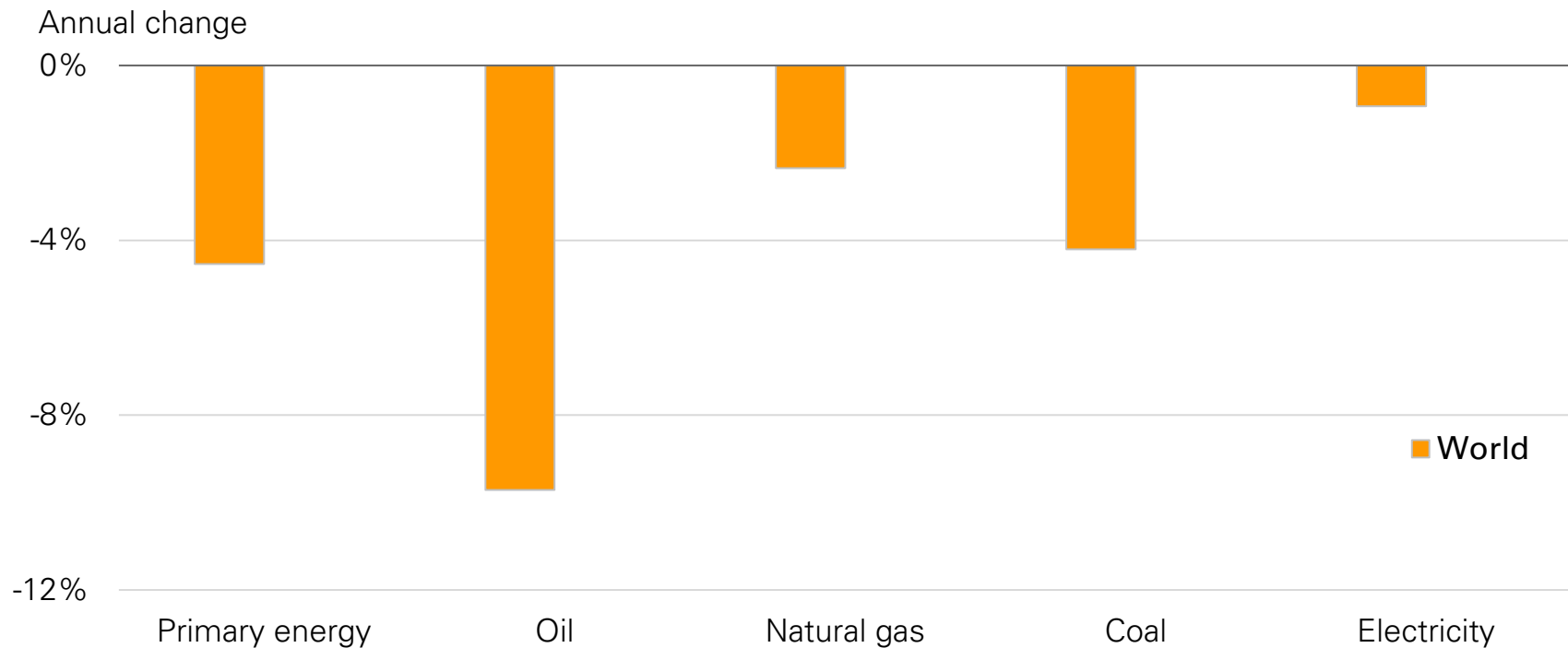
CO₂ emissions from energy use

Annual change

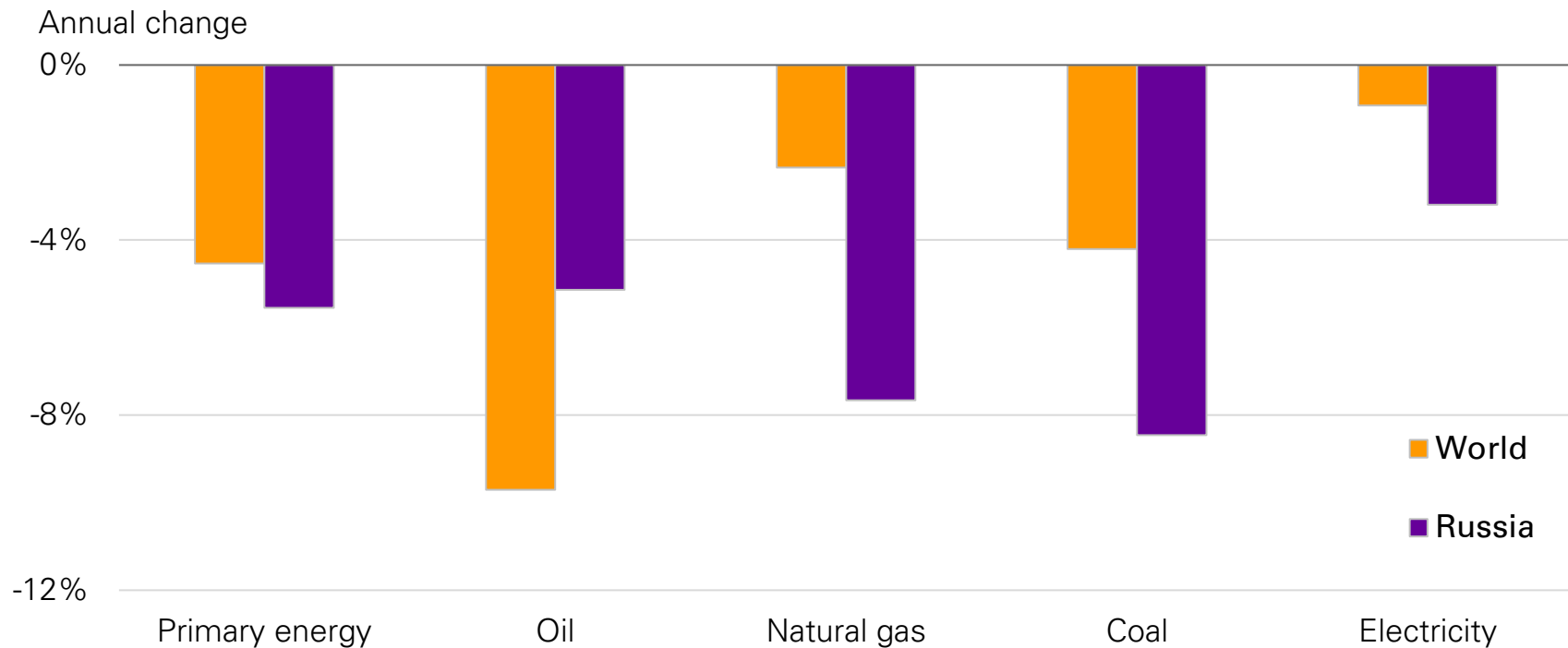




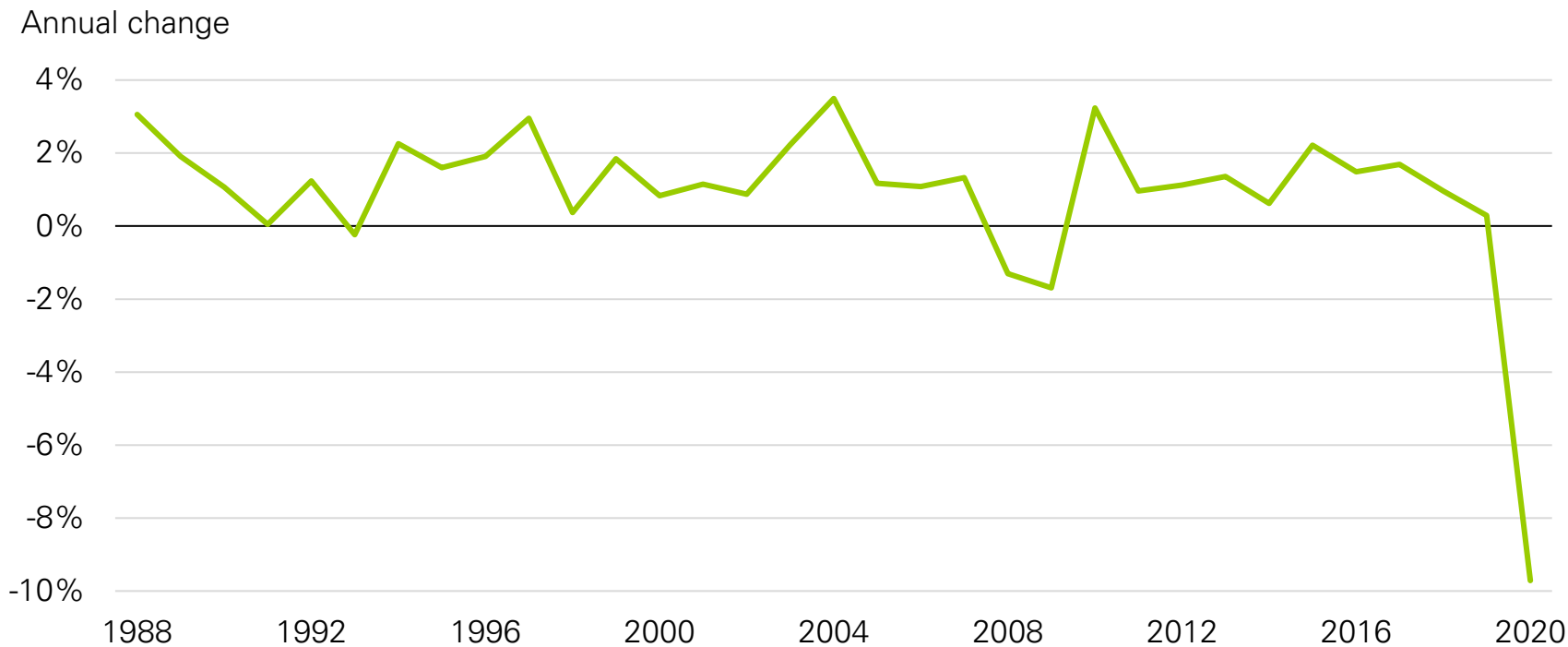
Energy demand growth in 2020



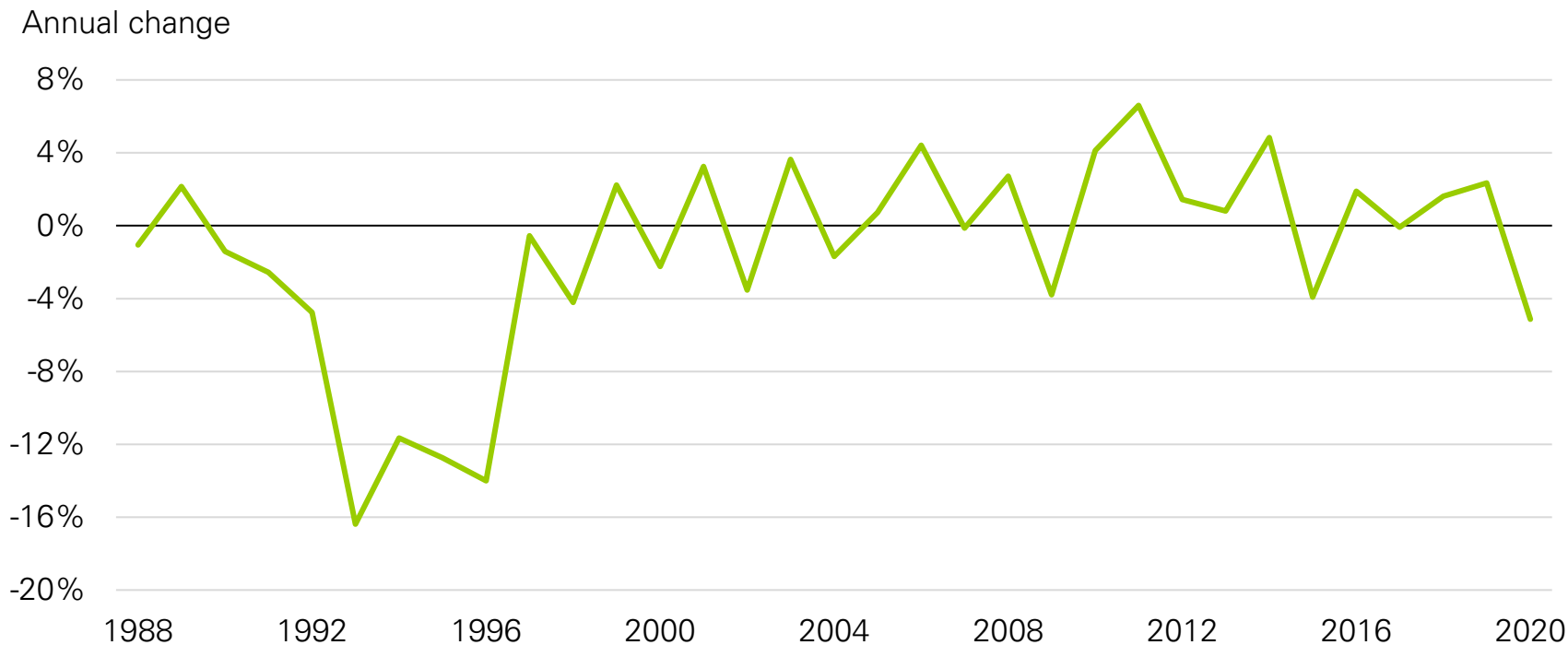
Energy demand growth in 2020



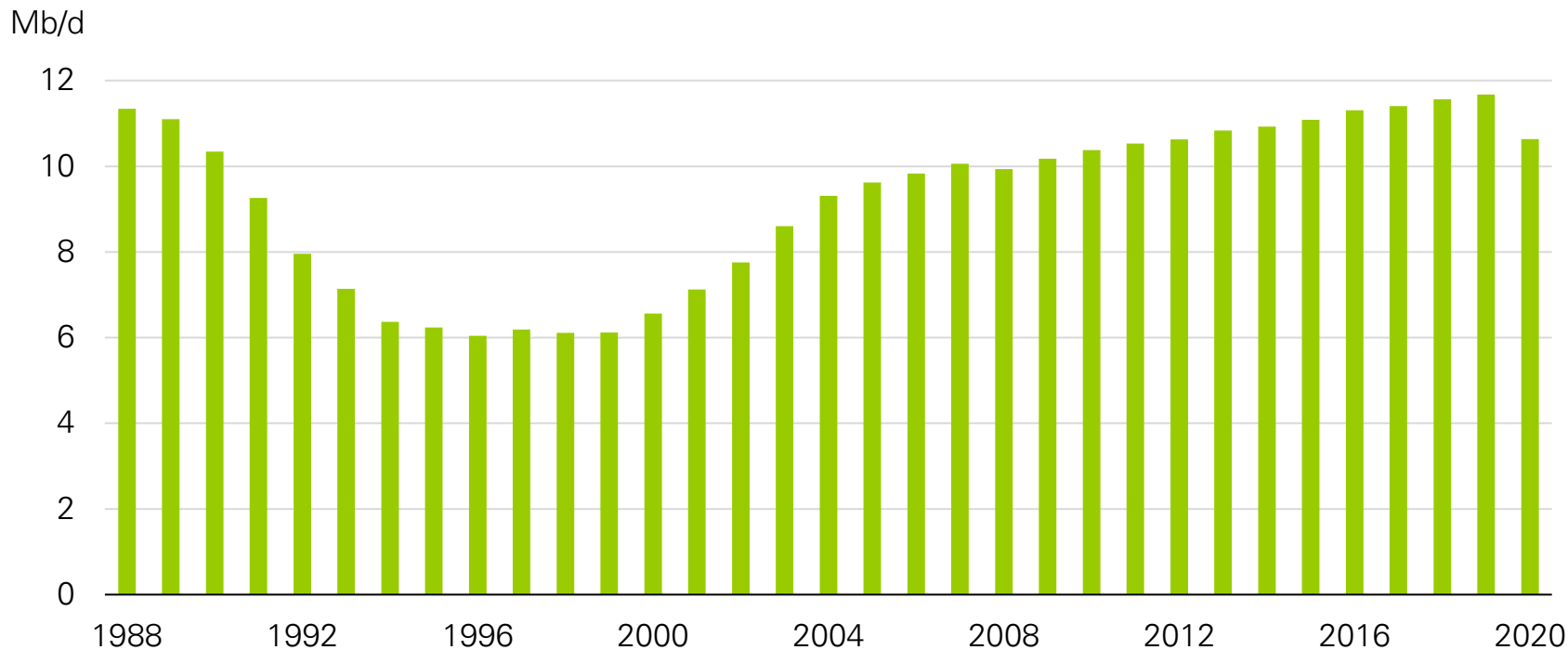
Growth in oil demand



Growth in Russian oil demand



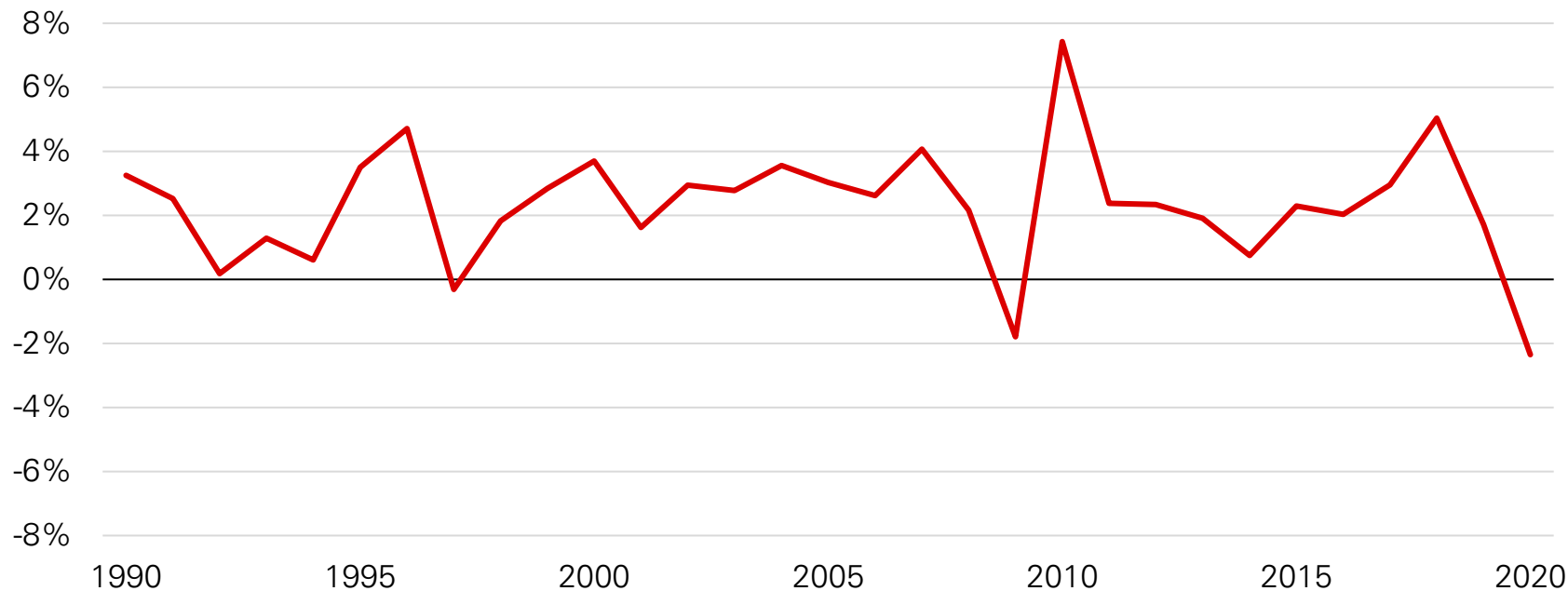
Russian oil production



Natural gas demand



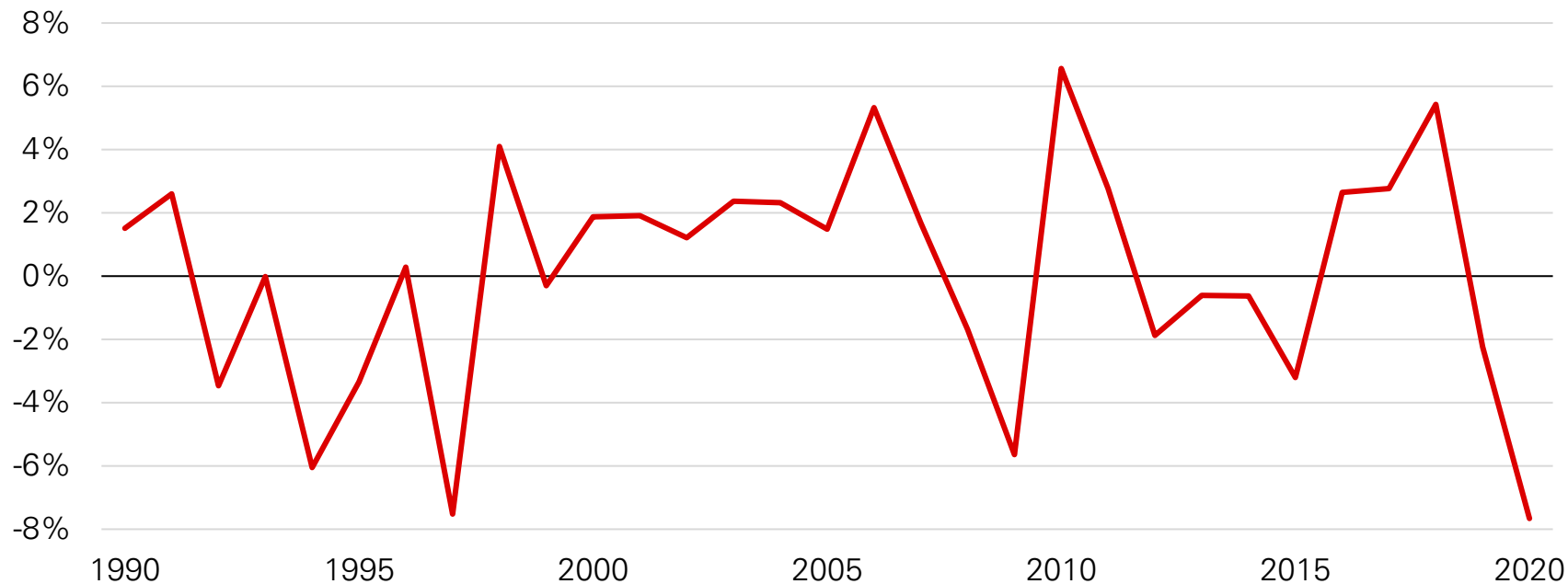
Annual change



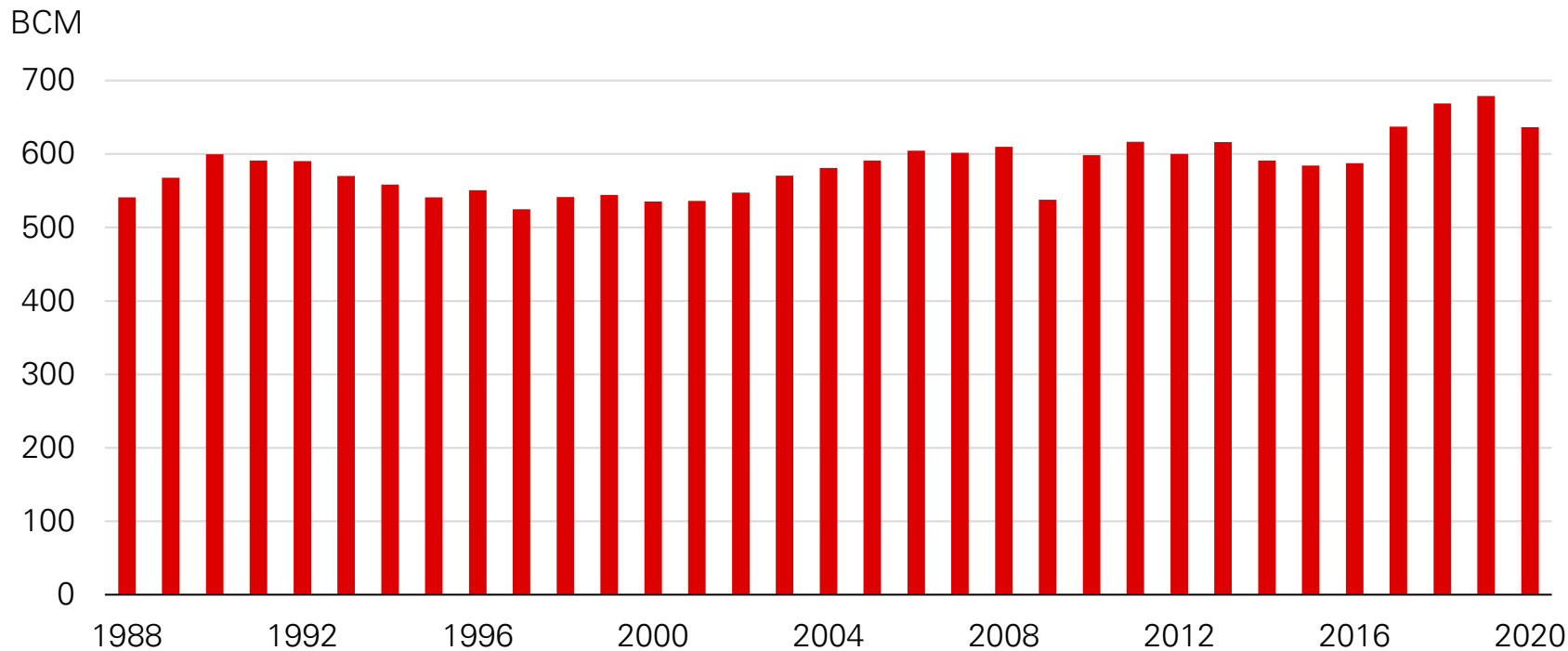
Russian natural gas demand



Annual change



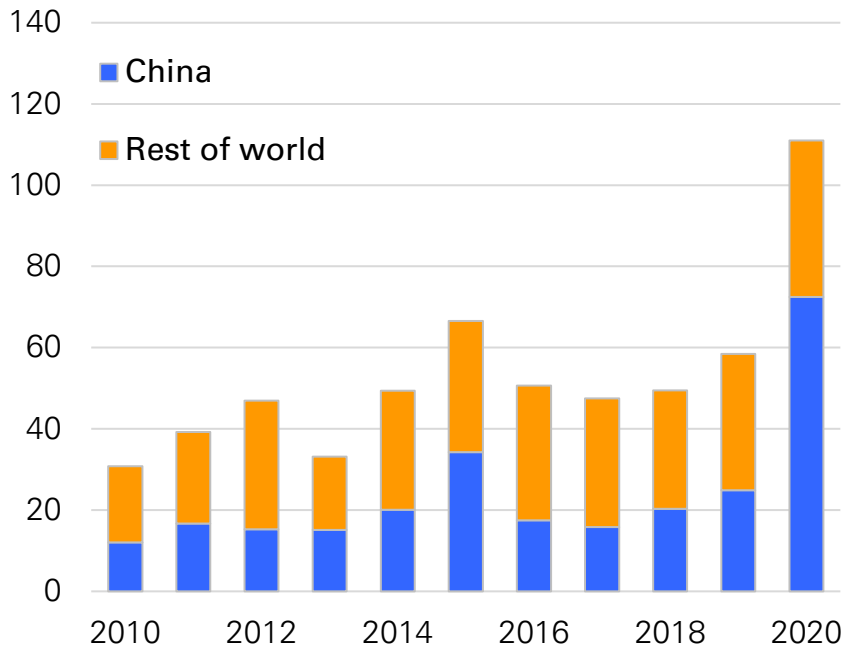
Russian gas production



Wind and solar power capacity

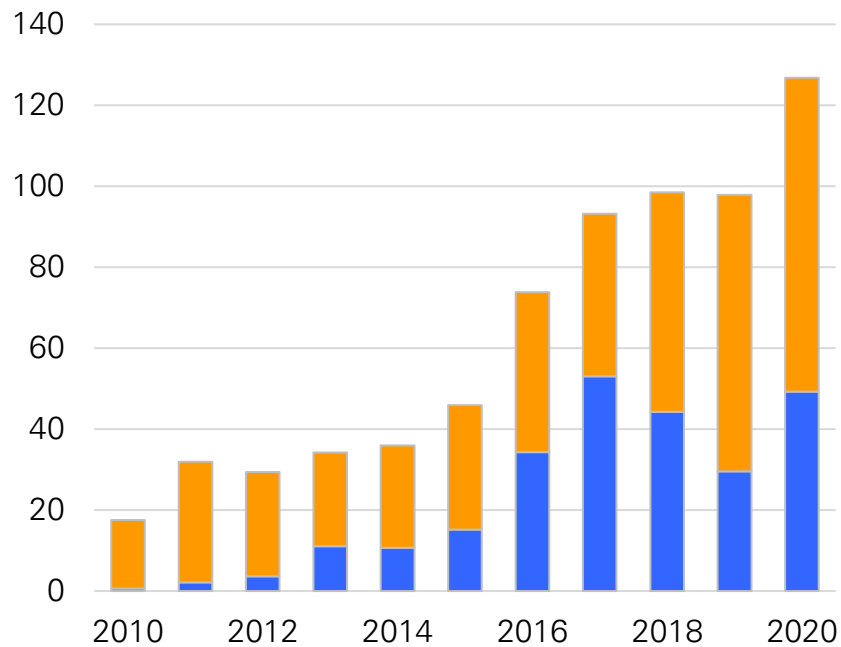
Wind capacity

Annual change, GW



Solar capacity

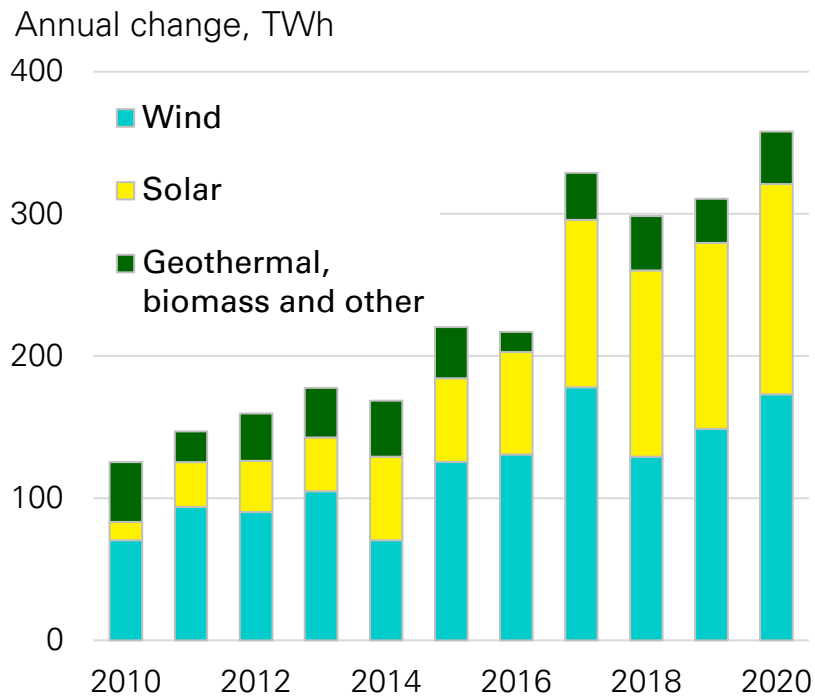
Annual change, GW



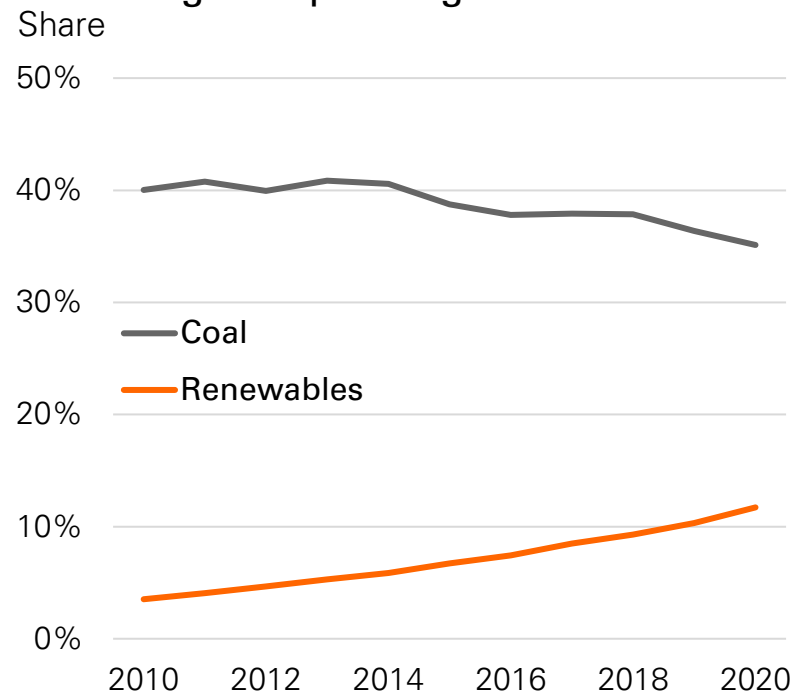
Power generation



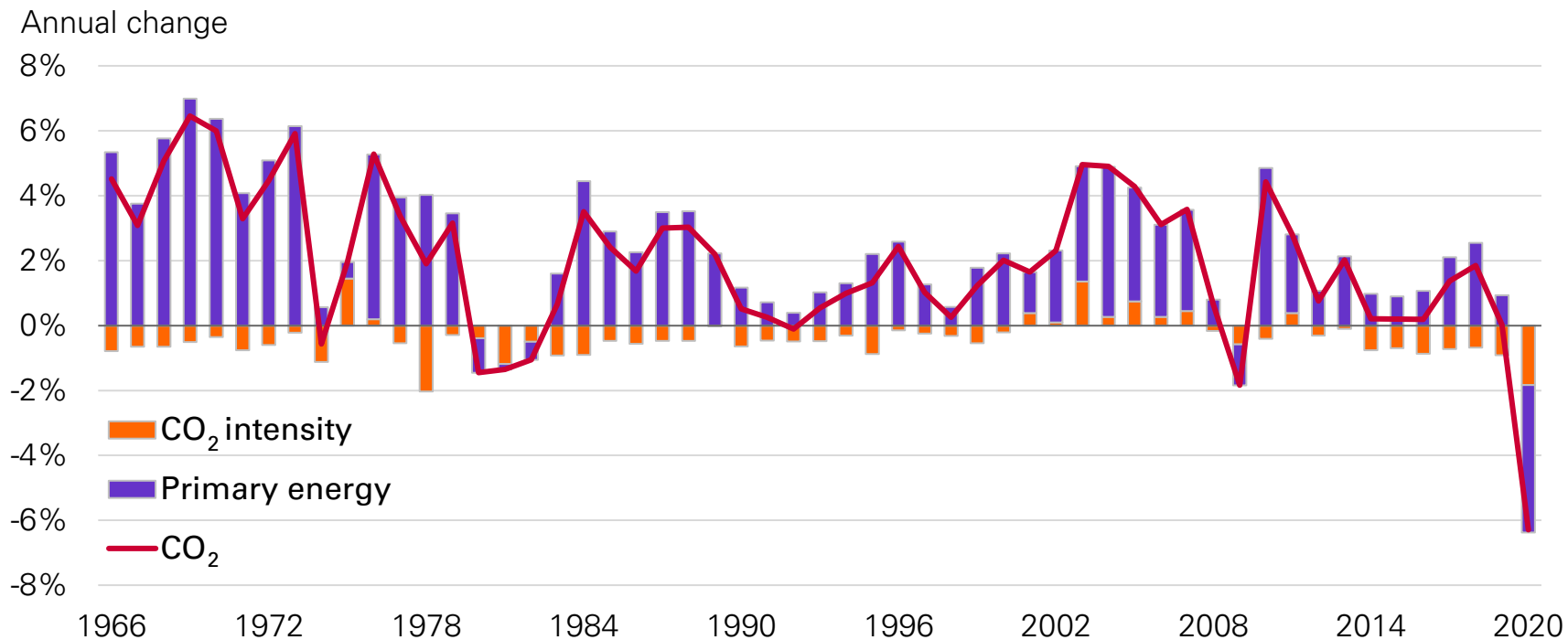
Renewable power generation



Share of renewables and coal in global power generation



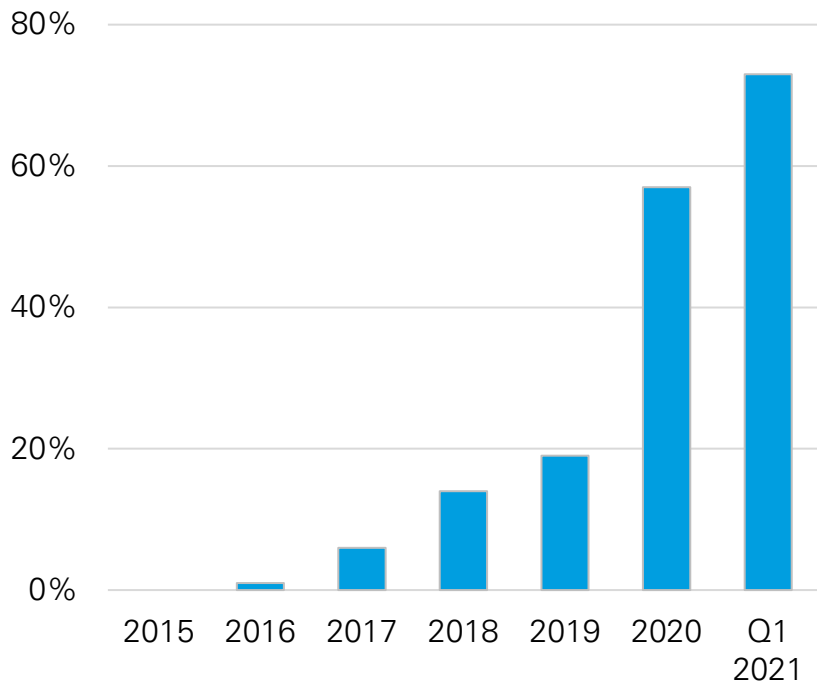
CO₂ emissions from energy use



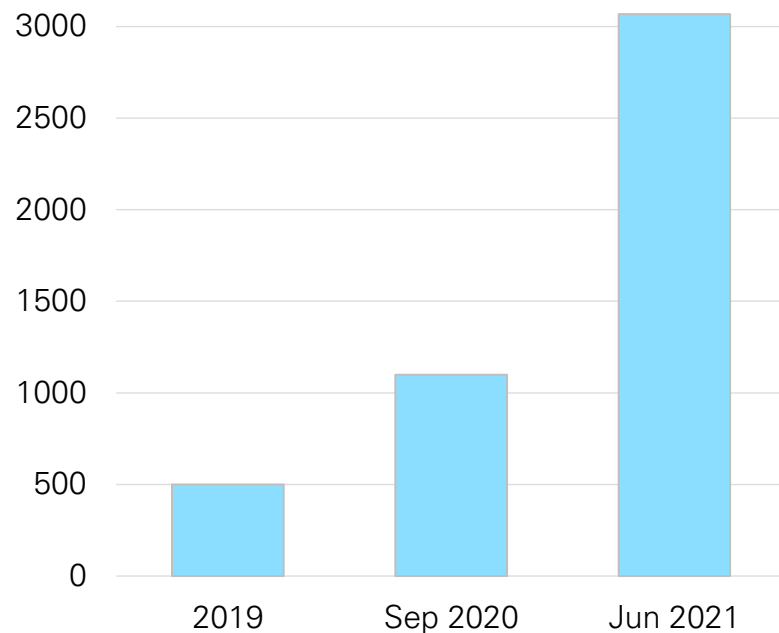


Net zero commitments

Share of global carbon emissions covered by net zero pledges



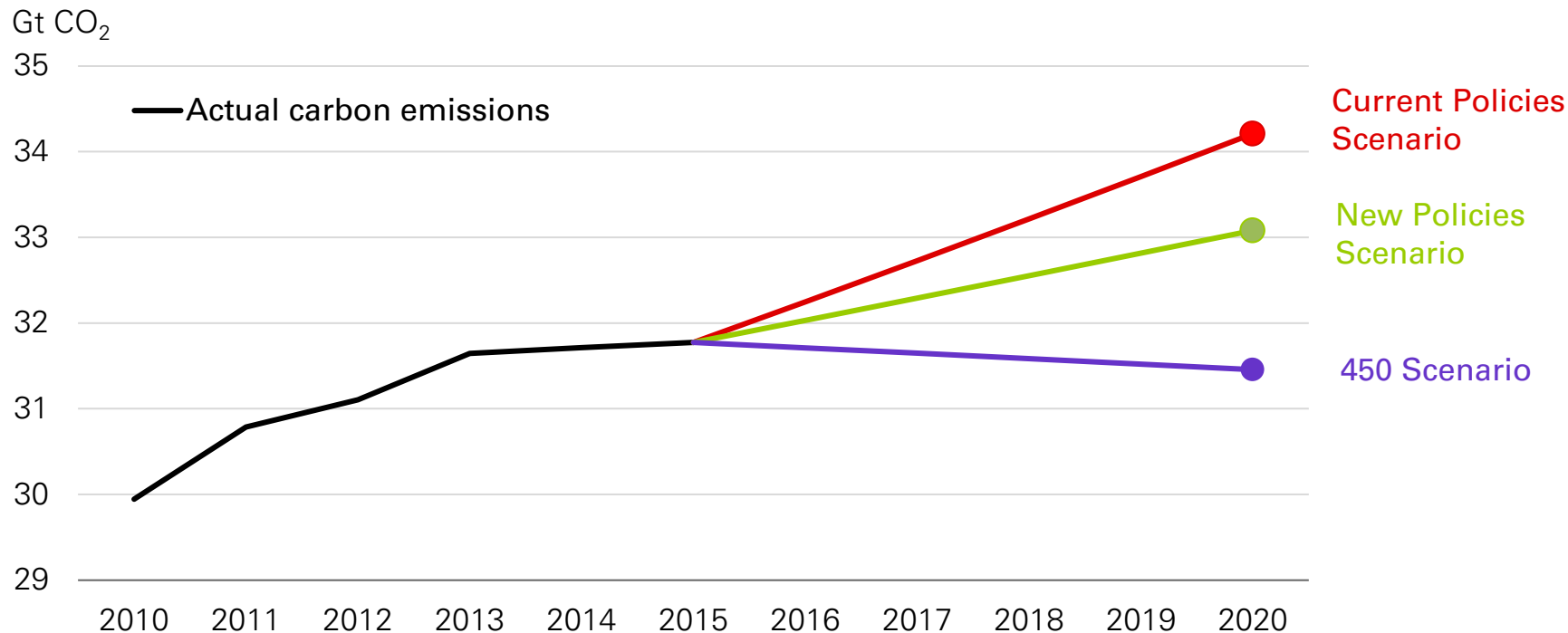
Number of companies committing to net zero



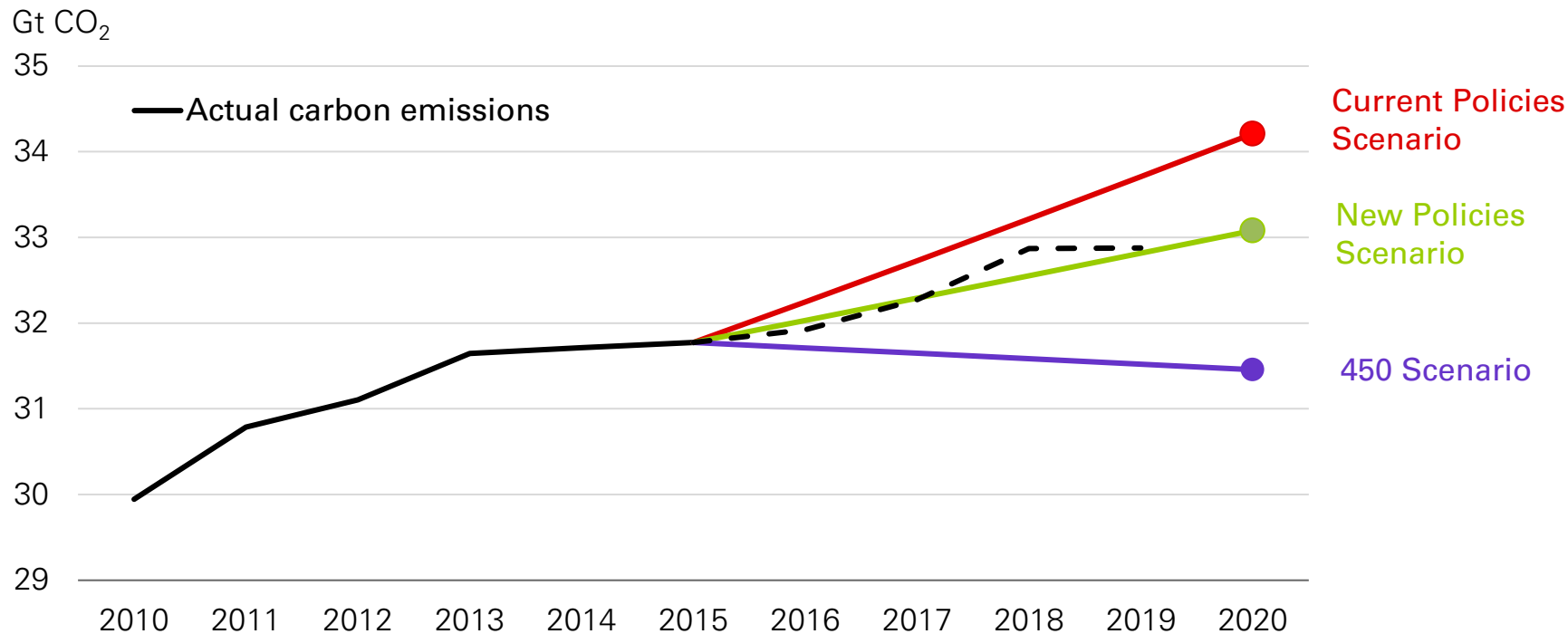
Source: IEA.

Source: UNFCC, Race to Zero.

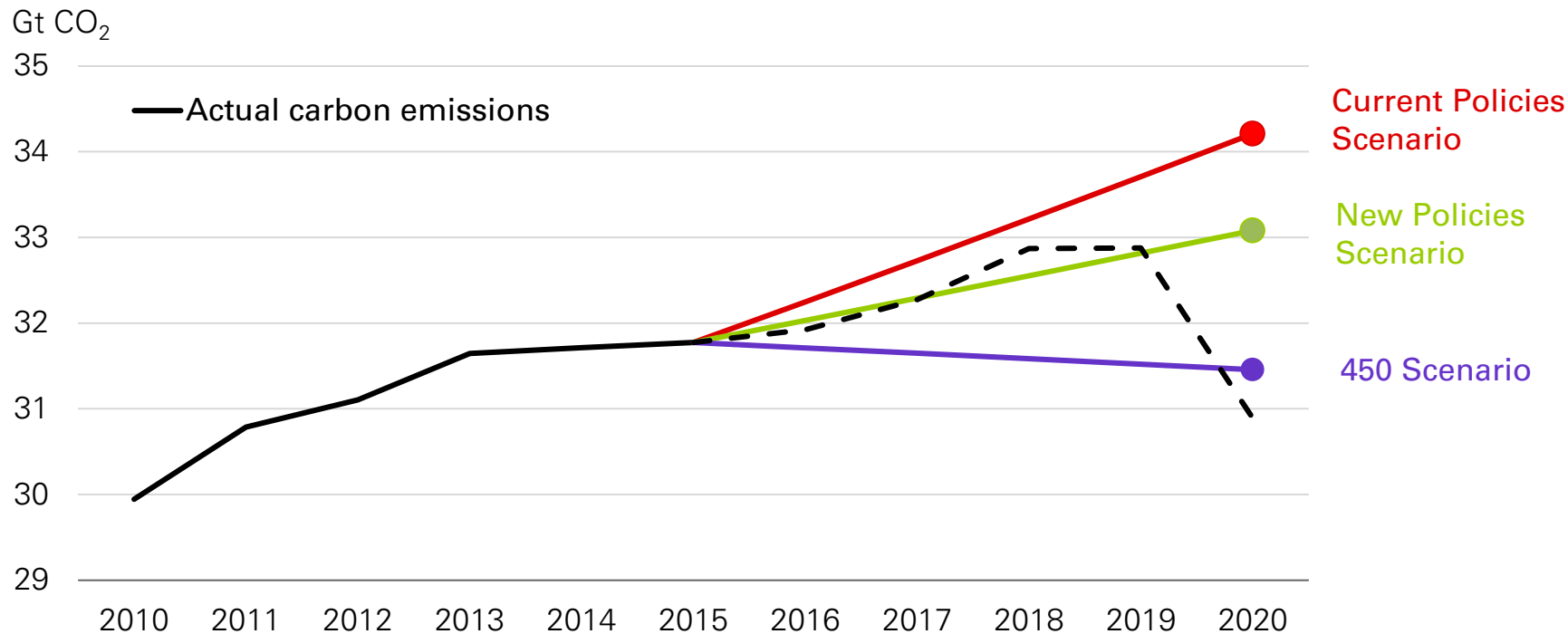
IEA's 2015 World Energy Outlook and carbon emissions



IEA's 2015 World Energy Outlook and carbon emissions



IEA's 2015 World Energy Outlook and carbon emissions

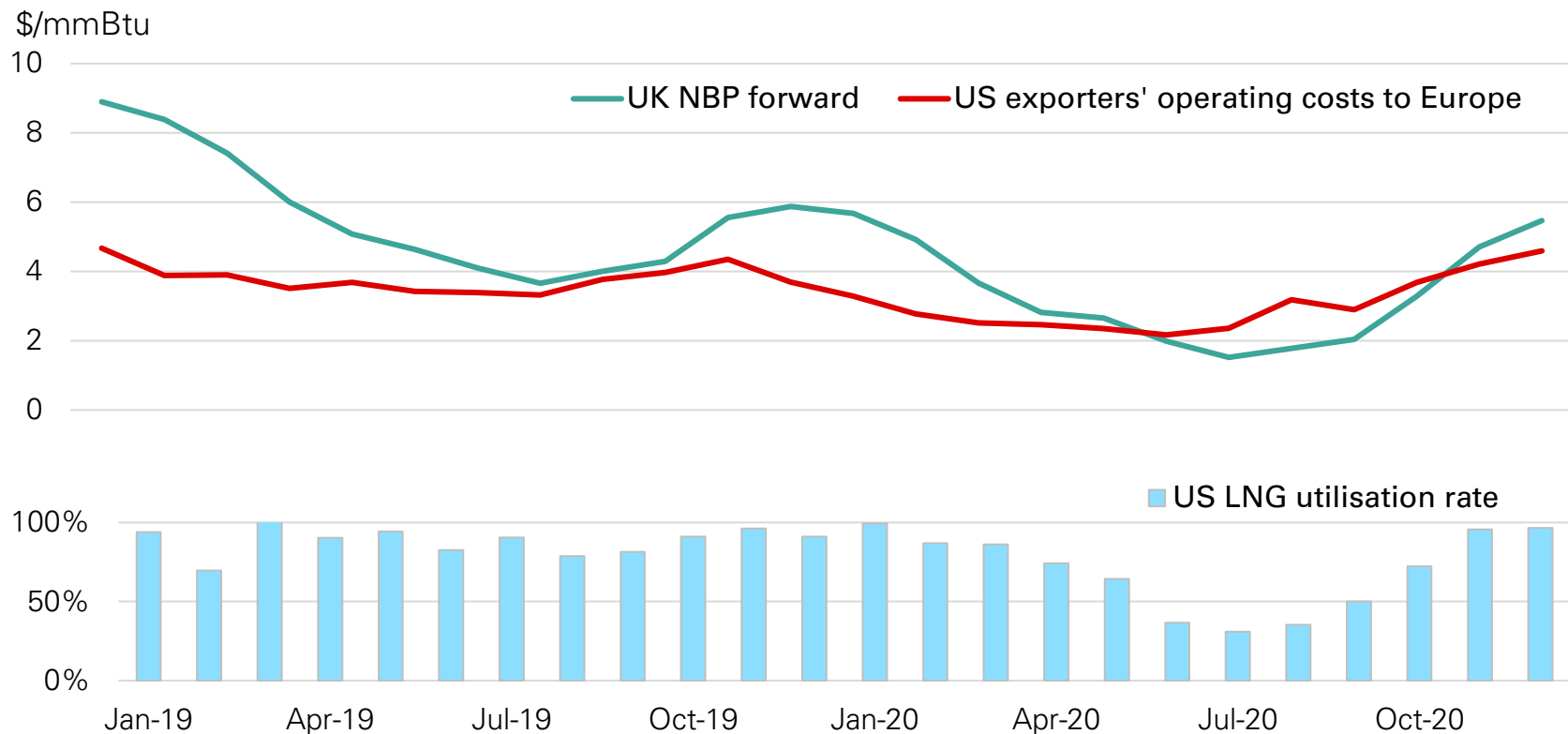


The background of the slide is a photograph of a multi-lane highway. The road is mostly empty, with a few blurred streaks of light from vehicles in motion. In the foreground on the right, a large electronic sign displays the text 'AVOID TRAVEL STAY HOME BEAT COVID-19' in orange. The sky is overcast with grey clouds, and there are trees and houses visible in the distance on the left side of the road.

bp Statistical Review of World Energy
Energy in 2020: the year of COVID
Spencer Dale
Chief economist



US LNG: operating costs and utilisation rates



European natural gas imports

Year-on-year change, bcm

