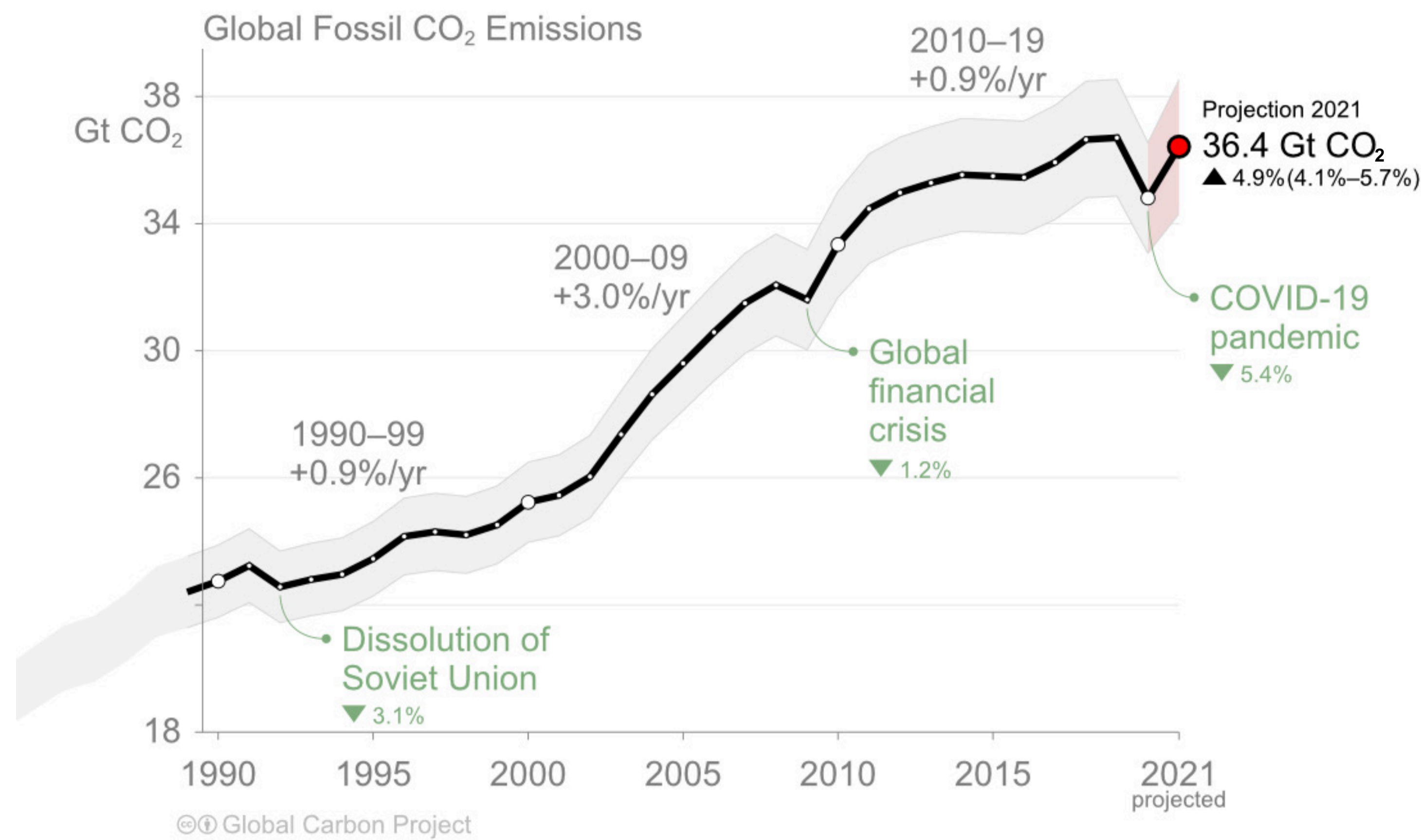


Global Carbon Budget 2021

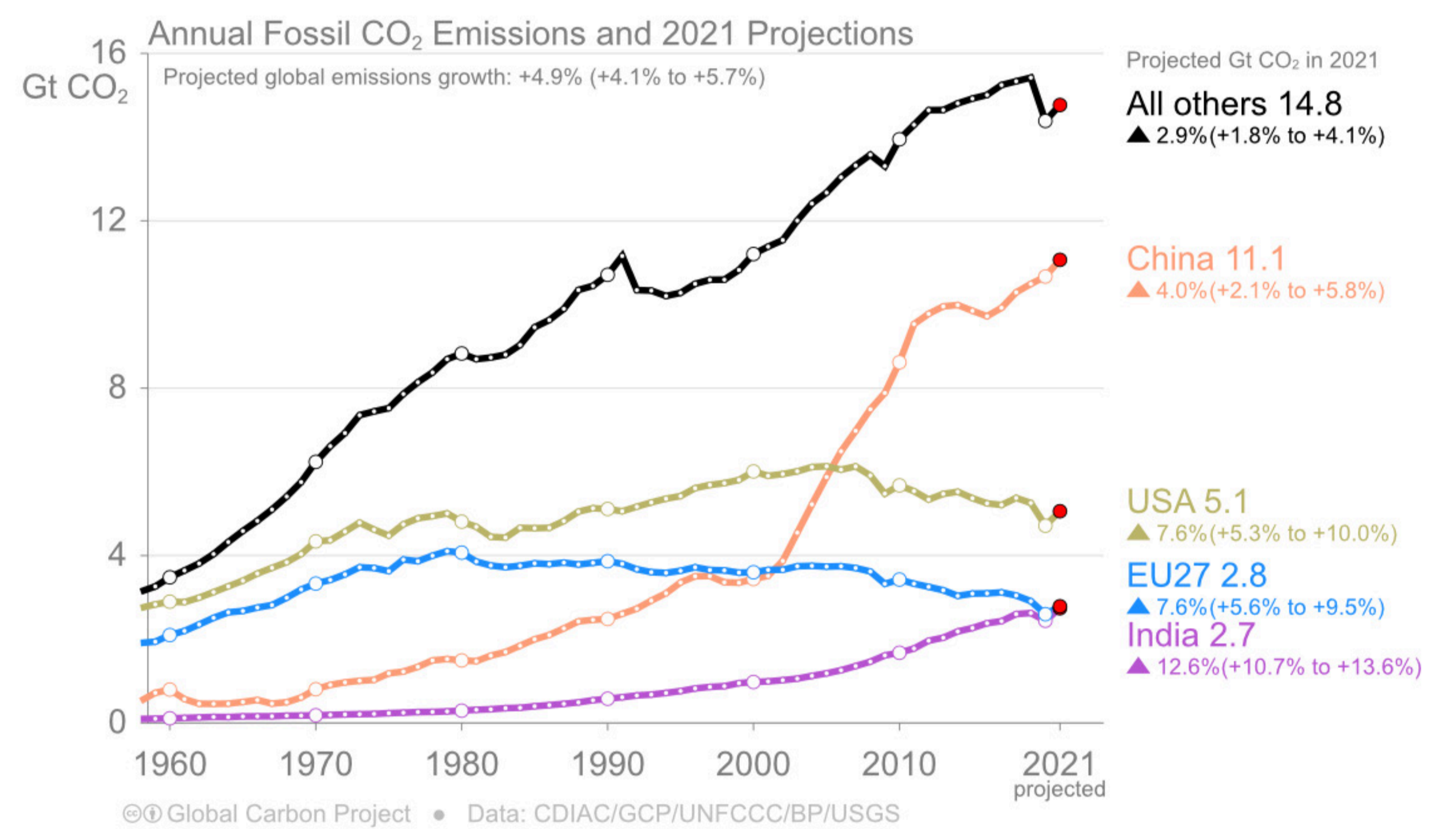
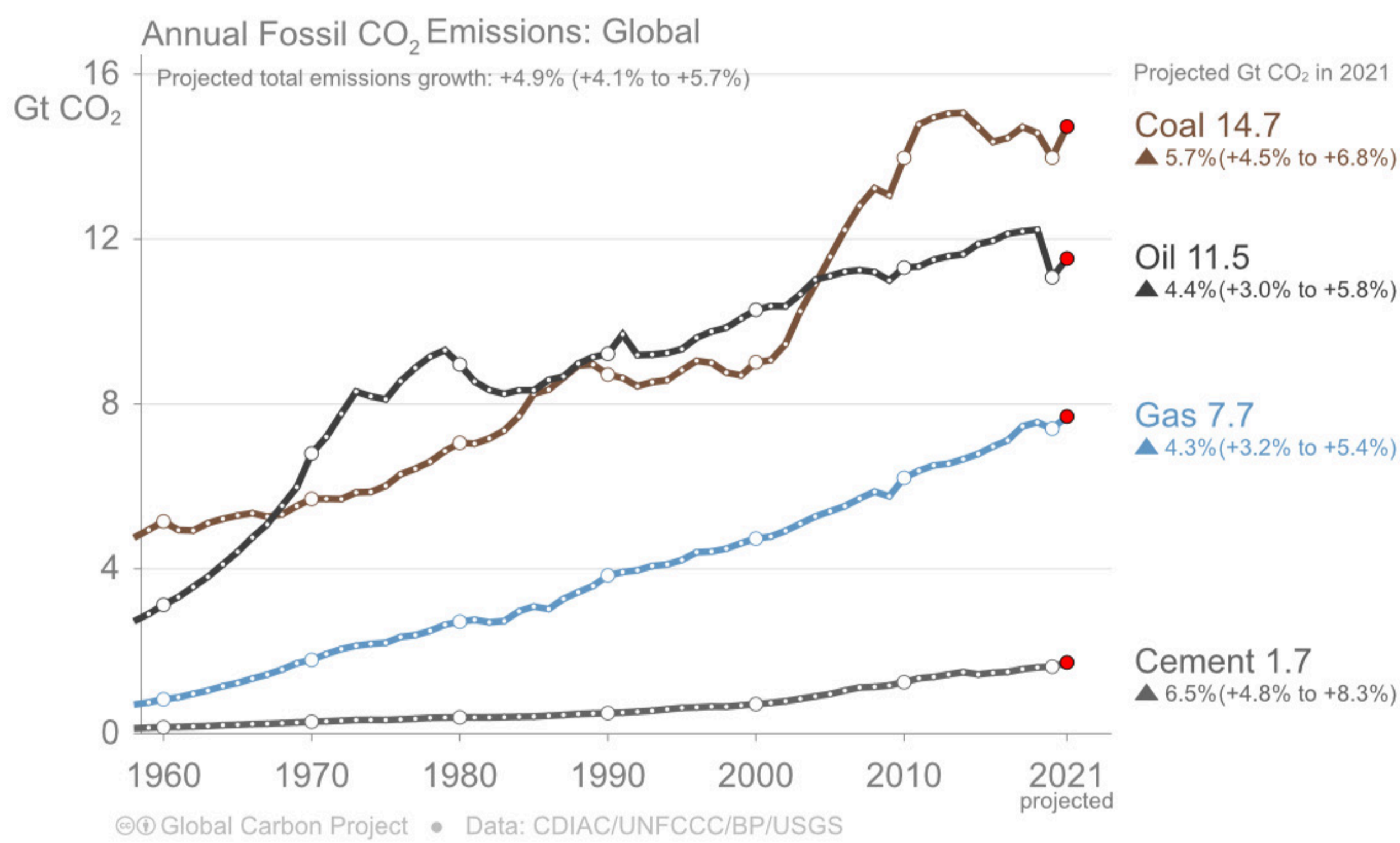
CO₂ emissions rebound towards pre-COVID levels

Global fossil CO₂ emissions in 2021 are set to **rebound 4.9%** after a **record 5.4% drop** in 2020. This follows a decade of strong and growing energy decarbonisation which reduced the growth of emissions.



CO₂ emissions cuts of 1.4 billion tonnes are needed each year on average to reach net zero by 2050

Coal and gas use grow more in 2021 than they fell in 2020. Oil use remains below 2019 levels.



Emissions return to pre-COVID trends in **USA, EU27 & India** but further growth was sparked in **China**.

The level of CO₂ continues to increase in the atmosphere, causing climate change.

Emissions from deforestation and other land-use change remain high, partly offset by removals from regrowth of forest and soil recovery.

