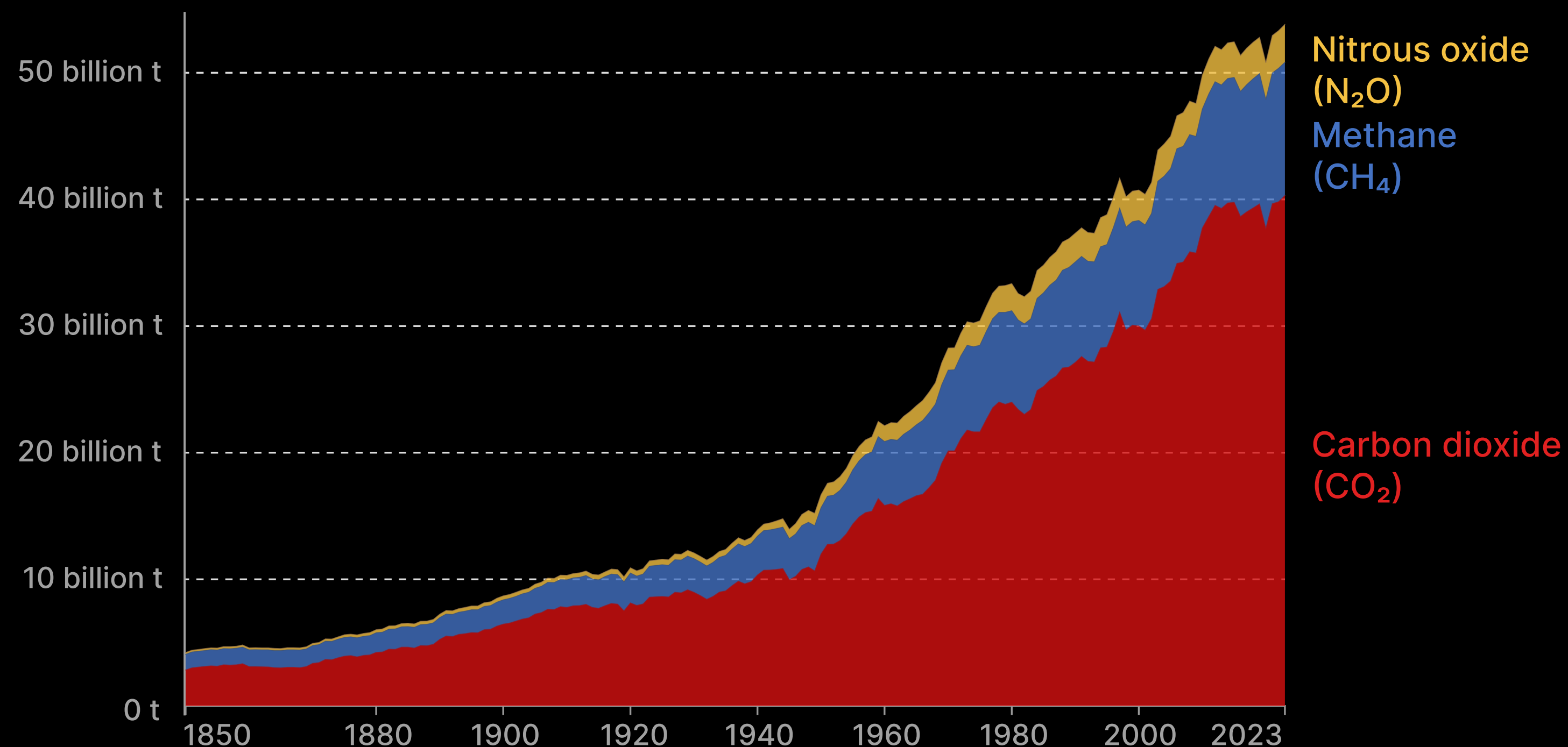


Greenhouse gas emissions by gas



Data: [OurWorldinData.org](https://ourworldindata.org)

Annual GHG Emissions by Gas - World

Historic annual greenhouse gas (GHG) emissions from fossil fuels, industry, agriculture, and land-use change by gas from 1850 to 2023. In addition to the most well known GHG, carbon dioxide (CO₂), these gases include methane (CH₄) and nitrous oxide (N₂O), each of which cause the atmosphere to warm by absorbing radiant energy. Emissions are measured in billions of tonnes and expressed in “carbon dioxide equivalents” (CO₂eq) determined by multiplying the mass of the emissions of a specific GHG by its global warming potential factor for a 100-year period (GWP100).



nocarbonfuel.org