



Synthetic gases

These gases are man-made artificial chemicals, that you cannot find in nature. They are commonly used in air conditioning, foam production and refrigeration.



Methane is a colourless gas. The primary sources of methane emissions are agriculture, fossil fuel production, and the decomposition of landfill waste.

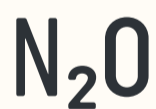
CO₂eq



Many greenhouse gases are causing climate changes, rising temperatures and effects like tree logging.

Among these gases are methane and nitrous oxide.

CO₂ has been used as a common unit for all these different effects and this is why it is called CO₂eq [CO₂ equivalents].



Nitrous oxide, also called laughing gas is one of several oxides of nitrogen. Most of our nitrous oxide emissions come from agriculture: N₂O is produced when we apply nitrogen fertilizers to soils* or work with soil. Nitrous oxide is a more damaging greenhouse gas than CO₂ in terms of its "warming potential".

The 'eq' is the CO₂ equivalent of all greenhouse gases in one number



Carbon dioxide is naturally produced in nature, but we only calculate the part that comes from burning fossil fuels and man-made changes to nature as cultivation of land and tree logging.

* Which means that over a 100-year timescale, one tonne of nitrous oxide would generate 265 times the amount of warming as one tonne of CO₂. <https://ourworldindata.org/greenhouse-gas-emissions>