Climate Change



Carbon Dioxide (CO₂)

The Earth's atmosphere is changing. Human activity particularly the burning of fossil fuels for energy, industrial processes, and deforestation, releases significant amounts of greenhouse gases into the Earth's atmosphere, primarily carbon dioxide (CO₂). These gases act as a blanket, trapping heat from the sun's rays and leading to an overall warming of the Earth's atmosphere, a phenomenon commonly referred to as global warming or climate change.

Every year, around 30-40 billion tonnes of CO₂ are released into the atmosphere globally to produce all the energy humans use.

 CO_2

The global production of cement produces around 2.2 billion tonnes of CO₂ into earth's atmosphere each year.

Each year, approximately 64 million acres of deforestation occurs, that's roughly the size of the UK. Plants and trees reduce the amount of CO₂ in the atmosphere by absorbing it and releasing oxygen.

In 2022 the aviation industry was responsible for around 800 million tonnes of CO₂ emissions.

The global shipping fleet produced

around 767 million tonnes of CO₂ in 2022.

Vehicles which run on fossil

fuels produce about 3.5 billion globally every year.

Around 7 billion tonnes of CO₂ is produced every year from burning natural gas.

