

Greenhouse gas emissions

Carbon dioxide (CO₂) is the main greenhouse gas heating the planet.

Six other gases are much more powerful, but less abundant.

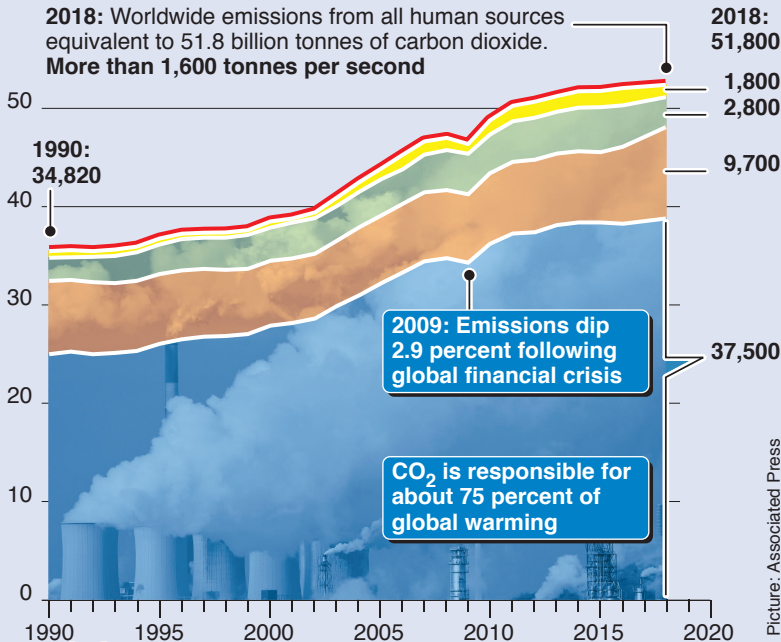
In 2018, greenhouse gas emissions reached 51.8 billion tonnes

Greenhouse gas emissions (million tonnes, carbon dioxide equivalent)

- **Carbon dioxide:** From burning fossil fuels
- **Methane:** Generated by coal and gas production, intensive livestock farming
- **Nitrous oxide:** From fossil fuels, fertiliser and manure
- **Fluorinated gases:** HFCs, PFCs, sulphur hexafluoride, nitrogen trifluoride

2018: Worldwide emissions from all human sources equivalent to 51.8 billion tonnes of carbon dioxide.

More than 1,600 tonnes per second



Picture: Associated Press

Greenhouse gas emissions by sector



Electricity

25%



Agriculture

24%



Manufacturing

21%



Transportation

14%



Buildings

6%



Other

10%