

Glossary:Carbon dioxide emissions

Statistics Explained

Carbon dioxide (CO₂) is a colourless, odourless and non-poisonous gas formed by combustion of carbon and in the respiration of living organisms and is considered a [greenhouse gas](#) . Emissions means the release of greenhouse gases and/or their precursors into the atmosphere over a specified area and period of time. **Carbon dioxide emissions** or **CO₂emissions** are emissions stemming from the burning of [fossil fuels](#) and the manufacture of cement; they include carbon dioxide produced during consumption of solid, liquid, and gas fuels as well as gas flaring.

Related concepts

- [Carbon dioxide equivalent](#)
- [Climate change](#)
- [Greenhouse gas \(GHG\)](#)

Statistical data

- [Greenhouse gas emission statistics - air emissions accounts](#)