

35 Billion Tonnes of CO² (BtCO²)

Total CO² in 2018
36.57 billion tonnes

Global Carbon Emissions

Flatten the Curve on Climate Change

We have demonstrated our willingness to make huge personal sacrifices to fight an invisible, existential threat. We must prepare ourselves to do the same in the fight against climate change. Flatten the curve, before it's too late.

This graph shows how global carbon emissions have grown exponentially between 1900-2018. The Intergovernmental Panel on Climate Change recommends that carbon emissions must fall to net-zero by 2050 if we are to limit the global temperature increase to 1.5°C - the target set out in the Paris Climate Agreement.

Data Sources:
 » Carbon Dioxide Information Analysis Center (CDIAC) - https://cdiac.ess-dive.lbl.gov/trends/emis/tre_coun.html
 » Global Carbon Project (GCP) - <https://www.icos-cp.eu/global-carbon-budget-2019>

Region Definitions:
 » "Asia & Pacific (Other)" is Asia and Oceania minus China and India
 » "Americas (Other)" is North, Central, South America and the Caribbean minus the USA
 » "Europe (Other)" is Western and Eastern Europe minus the pre-Brexit European Union (EU-28)

