

An introduction to tackling the Climate Emergency

What is the climate emergency

Selected significant climate anomalies and events 2020

<https://www.ncdc.noaa.gov/sotc/global/202013>

Greenhouse effect and human-induced global warming

<https://www.metoffice.gov.uk/weather/climate-change/causes-of-climate-change>

Greenhouse gases, global warming potential and CO2 equivalent (CO2e)

<https://www.epa.gov/ghgemissions/understanding-global-warming-potentials>

This article also explains why you may come across different figures for the global warming potential of different greenhouse gases.

Atmospheric CO2 concentrations over time (animation)

<https://www.youtube.com/watch?v=UatUDnFmNTY>

Atmospheric methane and nitrous oxide concentrations over time

https://www.metoffice.gov.uk/hadobs/monitoring/greenhouse_gases.html

Global average temperature increase 1850 to 2020 (animation)

<https://www.climate-lab-book.ac.uk/spirals/>

Global sea level rise since 1900

https://www.metoffice.gov.uk/binaries/content/assets/metofficegovuk/pdf/weather/learn-about/climate/ocean-and-cryosphere-report/srocc_sea_level_rise.pdf

Intergovernmental Panel on Climate Change (IPCC)

<https://www.ipcc.ch/>



Climate policy from global to local

Paris Agreement

<https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>

IPCC Special Report: Global Warming of 1.5C

<https://www.ipcc.ch/sr15/>

You Tube video

https://www.youtube.com/watch?v=rVjp3TO_jul

Global greenhouse gas emissions and warming scenarios

<https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions>

Climate Change Committee Progress Report to Parliament, 2020

<https://www.theccc.org.uk/publication/reducing-uk-emissions-2020-progress-report-to-parliament/>

Climate Change Committee Progress Report to Parliament, 2021

<https://www.theccc.org.uk/publication/2021-progress-report-to-parliament/>

BEIS UK emissions 1990 to 2019

<https://www.gov.uk/government/statistics/final-uk-greenhouse-gas-emissions-national-statistics-1990-to-2019>

The local governance of net zero

Climate Change Committee Report: Local authorities and the sixth carbon budget

<https://www.theccc.org.uk/publication/local-authorities-and-the-sixth-carbon-budget/>

Cotswold District Council Climate Emergency Strategy

<https://www.cotswold.gov.uk/environment/climate-action/cotswold-climate-and-ecological-emergencies/>

Sefton Council Climate Emergency Strategy

<https://www.sefton.gov.uk/environmental-protection/energy-and-environment/climate-emergency/strategy-implementation-plan-and-reports/>

Oxford City Council Zero Emission Zone

https://www.oxford.gov.uk/info/20299/air_quality_projects/1305/oxford_zero_emission_zone_z_ez

Stoke-on-Trent District Heat Network

<https://www.makeitstokestaffs.co.uk/news/read/2019/09/work-starts-on-stoke-on-trents-sustainable-heating-network-b383>

Swansea City Council Homes as Power Stations

<https://www.swanseabaycitydeal.wales/projects/homes-as-power-stations/>

Nottingham City Council Workplace Parking Levy

<https://www.forbes.com/sites/carltonreid/2019/10/17/nottinghams-workplace-parking-levy-creates-jobs-cuts-car-use-and-slashes-pollution/>

Chelmsford City Council tree planting programme

<https://www.chelmsford.gov.uk/news/help-plant-thousands-of-trees-in-chelmsford/>

Exeter City Council Passivhaus Scheme

<https://news.exeter.gov.uk/stunning-new-passivhaus-council-homes-unveiled-in-exeter/>



Shetland Islands Council Fair Food Policy

<https://www.shetland.gov.uk/community/shetland-partnership/4?documentId=299&categoryId=20043>

Reading Borough Council Food Waste Collection

<https://www.reading.gov.uk/environment/waste-and-recycling/food-waste-collection/>

Also answer to a question at Council setting out projected savings from the scheme (Qu.2)

<https://democracy.reading.gov.uk/documents/s16547/Item%205%20-%20Questions%20from%20Members%20of%20the%20Public.pdf>

Delivering local climate action

Shropshire Council Climate Strategy

<https://www.shropshire.gov.uk/climate-change-and-sustainability/climate-change-strategy/>

Durham County Council Climate Emergency Response

<https://democracy.durham.gov.uk/documents/s119824/7%20Climate%20Change%20Action%20Plan%202020.pdf>

Devon Climate Emergency Response Group

<https://www.devonclimateemergency.org.uk/governance/devon-climate-emergency-response-group/>

Lincoln Climate Commission

<https://www.lincolncclimate.org.uk/about-lincoln-climate-commission>

Camden Citizen's Assembly on the Climate Crisis

<https://www.camden.gov.uk/citizens-assembly-climate-crisis>

Engage: Stirling

<https://engage.stirling.gov.uk/en-GB/folders/climate-emergency>