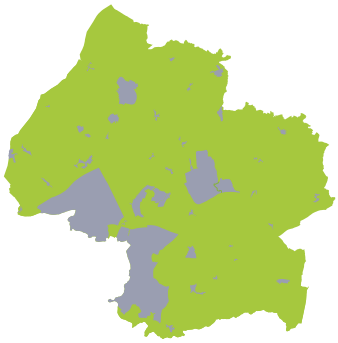
CLIMATE & NATURE EMERGENCY DATA 2025



South Gloucestershire Area Wide Emissions – from transport, businesses and homes

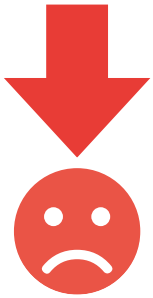
Baseline from (2005): **2,227.3 kt Co_2e**

Between 2022 and 2023 there was a reduction in area wide emissions* of **53.9 kilo t/ CO_2e**

*2023 is the latest data as its published two years in arrears

Remaining area wide emissions are **963.6 kilo t/ CO_2e**

Emissions have fallen, but not as fast as required to achieve carbon neutrality by 2030.



South Gloucestershire Council

Delivering climate action

Council emissions from buildings, streetlights, fleet and business mileage 2025

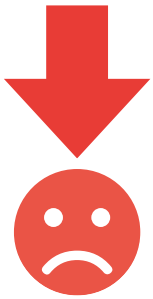
Between 2023/24 and 2024/25 Council emissions * have fallen by **576t/ CO_2e**

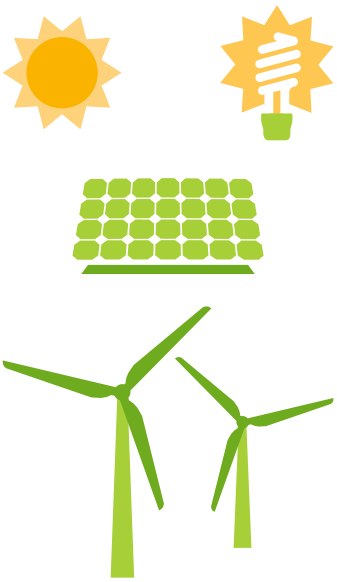
from **7672 t/CO_2e** to **7095 t/CO_2e**

(*Scope 1 & 2 and business travel and transmission losses only)

Emissions show a reduction this year due to a reduction in streetlight energy use and three schools changing to academies

We are dividing our remaining emissions by the remaining years.





Amount of renewable energy generated in South Gloucestershire 2025

2306 Microgeneration Certification Scheme Renewable Energy Installations in 2024/25

In 2024 = **242 Mega Watt (MW) (installed capacity)**

Renewable energy generated in 2022= **297 Giga Watt Hours**

Renewable energy generated in 2023 = **344 Giga Watt Hours**

Local renewables generated the equivalent of 5% of local energy demand in 2023

Whilst microgeneration installations show a good increase, overall, locally installed renewable energy capacity has increased but not quickly enough.