CLIMATE AND NATURE EMERGENCY PROGRESS DATA 2024

South Gloucestershire Council

South Gloucestershire Area Wide Emissions - from transport, business, and homes

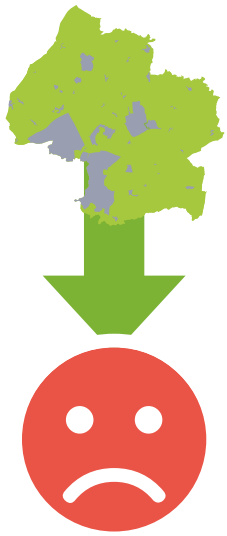
Baseline: (From2005) 2,154.4 kt Co_2

Between 2021 and 2022 there was a reduction of 70.4kt kilo tonnes of Co_2

(2022 is the latest data as its published two years in arrears)

This year remaining area wide emissions: 1,041.5 kt Co_2 (thousand tons)

- **Emissions have reduced but not as fast as required towards carbon neutral by 2030**

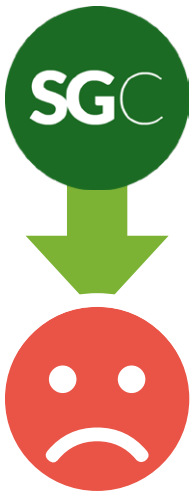


2024 - Council emissions - from buildings, streetlights, fleet, business miles

Between 2022/23 and 2023/24 Council emissions decreased by 909.12 t/ CO_2e reduction (11%)

Remaining council emissions: 7,672 t/ CO_2e

- **Emissions have reduced but not as fast as required towards carbon neutral by 2030**
- **We are dividing our remaining emissions by the remaining years**



2023 - Amount of renewable energy generated in South Glos

Renewable energy generated in 2023 = 297 gigawatt hours (2022/23)

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

In 2023 = 166 MW installed renewable capacity

Locally installed renewable energy capacity has increased by 4.5 MW

- **Locally installed renewable energy capacity has increased but not quickly enough**
- **There is 506 MW of new solar capacity and 1471 MW of battery storage either awaiting connection or in planning. Going forward we will focus our work where we have influence– residential and community owned renewables.**