



Greenhouse Gas Report – 2023/24

1. Introduction

A requirement from Government is for Local Authorities to publish their greenhouse gas emissions in the form of a greenhouse gas report on an annual basis. This report provides information on greenhouse gas (GHG) emissions from our own estate and operations.

The report shows that we have reduced our carbon emissions by 65% since 2008/09 baseline year.

[View details of the requirement for local authorities to publish their greenhouse gas emissions](#)



2. Greenhouse Gas Report 23/24

Over the years we have lost a number of buildings from the portfolio and have recalculated the baseline to reflect this. For example we will no longer report emissions of Academy Schools.

This report details Tameside MBC's Greenhouse Gas emissions from 2008/09 (Baseline Year) to 2023/24 and shows that we have reduced our emissions by 14712 tonnes CO₂e from our baseline year - 2008/09 (Scope 1+ 2+3 emissions). The Government recommends that the Council report Scope 1 and 2 emissions, whereas the reporting of Scope 3 emissions is discretionary. At present, our reporting from scope 3 emissions is minimal. In reality, scope 3 emissions can make up a large proportion of an organisation's total emissions; we intend to capture more of these emissions for reporting in future years.

3. Organisational Information

Tameside Metropolitan Borough Council is situated in the borough of Tameside which lies to the east of Greater Manchester, stretching inland from the urban hub of Manchester to the moors of the Peak District; there are 226,000 people living in the borough at present.

4. What Areas of Activity Have We Considered?

Electricity, gas and oil data has been collated from all the Council corporate estate buildings, fleet and street lighting (scope 1). State primary and secondary schools are now included in Scope 3 (this currently excludes Academy Schools emissions from the year that they move to Academy Status, PFI schools, Sports Trust buildings and buildings that the Council own but that are leased out to other non-Council occupiers (estates buildings)). We have recently

started including within our scope 3 figures carbon emissions from our water usage within corporate sites.

5. Reporting Periods

Reporting periods relate to the financial year from 1 April to 31 March. The baseline year is 2008/09.

6. Targets

In February 2020, Tameside Council declared a Climate Emergency and set a target for the Council and community to be carbon neutral by 2038, in line with our commitments within the Greater Manchester 5 Year Environment Plan.

Although we have successfully reduced Council emissions by 65% from our base year we still have more to do to reach carbon neutrality across the organisation and Tameside. We now need to build on our current success and produce an ambitious plan to reduce our emissions to ensure we meet our target.

7. Operational Scope and Data Collection

We have measured our scope 1, 2 and 3 emissions as shown below. Street lighting has also been included under scope 2 and 3. We have followed the GHG protocol for the measurement and reporting of our emissions and have used the DEFRA / BEIS GHG conversion factors within the report. The carbon emissions for gas, oil and natural gas have not been corrected for the weather.

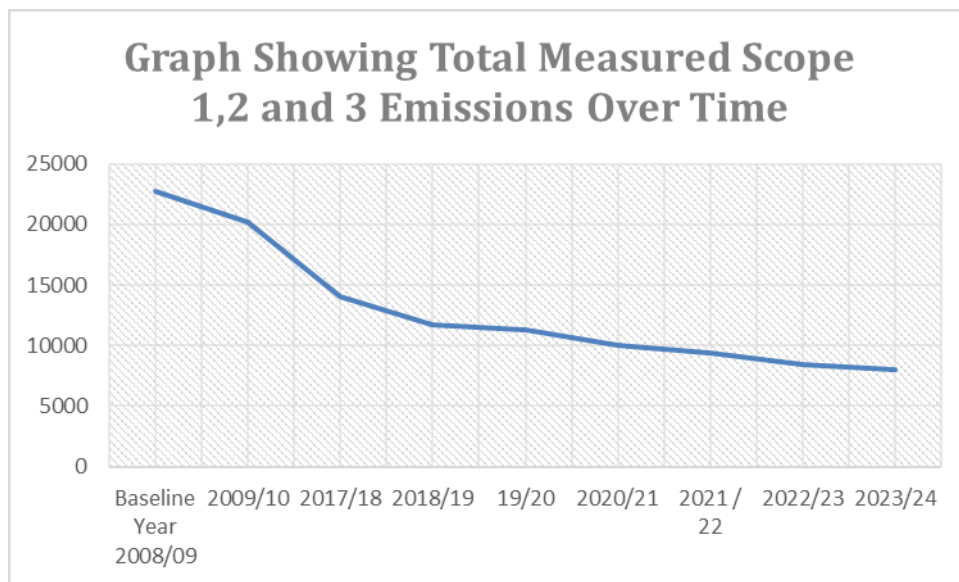
Scope	Description	Relevance to TMBC	Source of Data
1	Direct emissions – activities owned or controlled by TMBC that release emissions straight into the atmosphere. They are direct emissions.	Gas and oil fired boilers in TMBC buildings	Information from supplier statements and utility bills.
		Fuel consumed by vehicle fleet	Fuel management system and fuel cards providing vehicle-specific data
2	Energy Indirect emissions – emissions that are a consequence of Council activities but which occur at a source not owned or controlled by the Council	Electricity generated for use in buildings and from street lighting.	Information from supplier statements and utility bills
3	Other Indirect – emissions that are a consequence of the Council’s operations that occur at sources the Council does not own or control and that are not classed as scope 2.	Gas and oil fired boilers in schools. Transmission and distribution of the Council’s purchased electricity	Information from supplier statements and utility bills

8. Breakdown of Greenhouse Gas Emissions

This report provides the latest data on Tameside Councils greenhouse gas emissions from 2008/09 to 2022/23

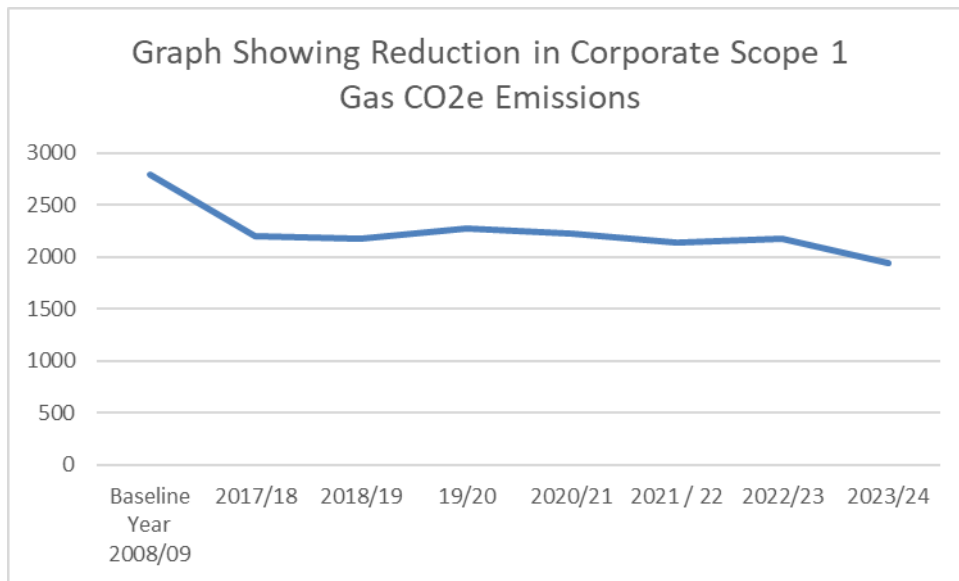
	Baseline Year 2008/09	23/24
Scope 1		
Total Gas Corporate	2794	1936
Total Oil Corporate	0	0
Total Fleet Fuel	2433	1824
Total Emissions Scope 1	5226	3760
Scope 2		
Total Electricity Emissions Scope 2	11038	2255
Scope 3		
Total Emissions Scope 3	6498	2036
Total Emissions Scope 1 + 2 + 3	22762	8051

9. Tameside Council's Carbon Reduction Progress



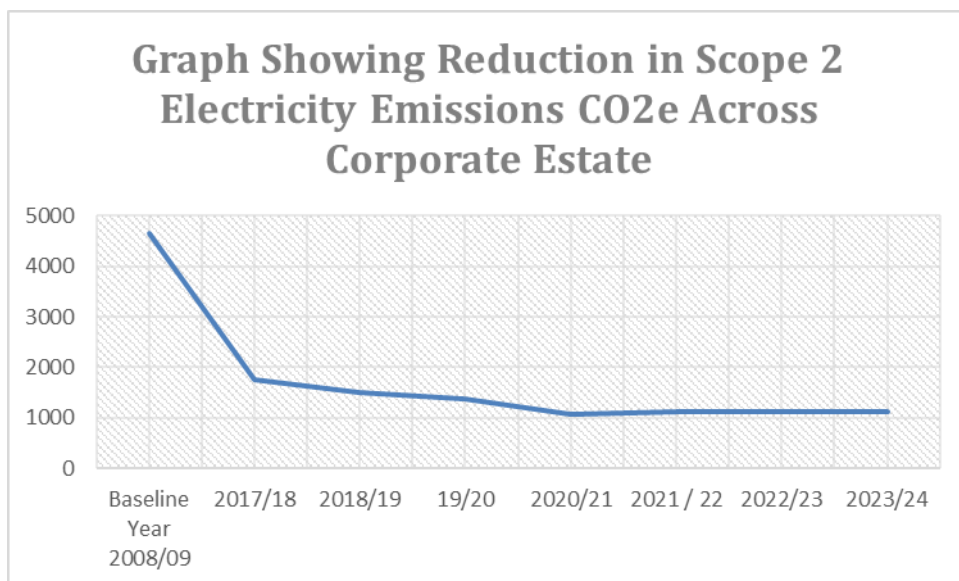
The above graph shows the overall CO2 emissions reduction since the baseline year. This represents a 65% reduction in emissions.

Emissions from Corporate Gas Usage



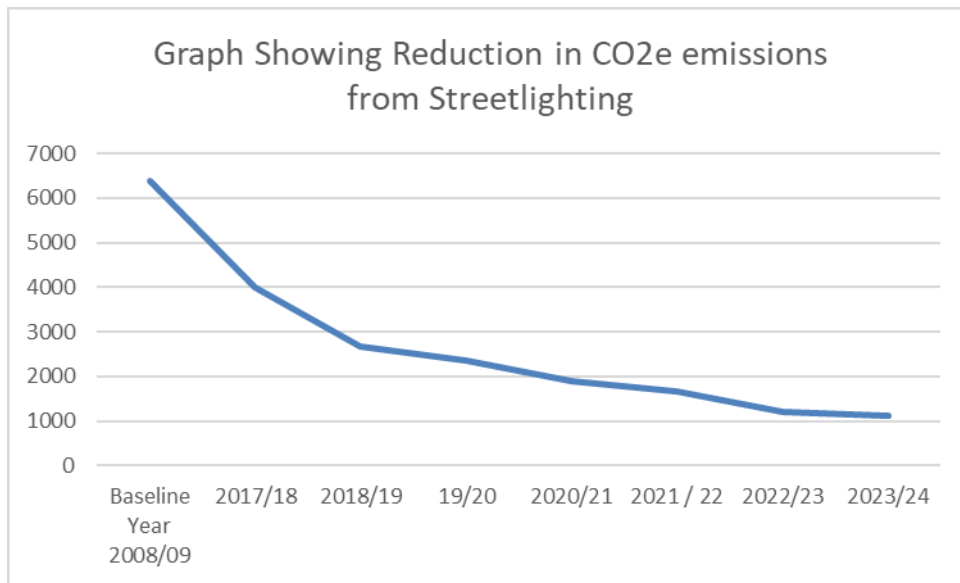
Emissions from gas usage have reduced by 31% since the base year

Emissions from Electricity Usage – Corporate Buildings



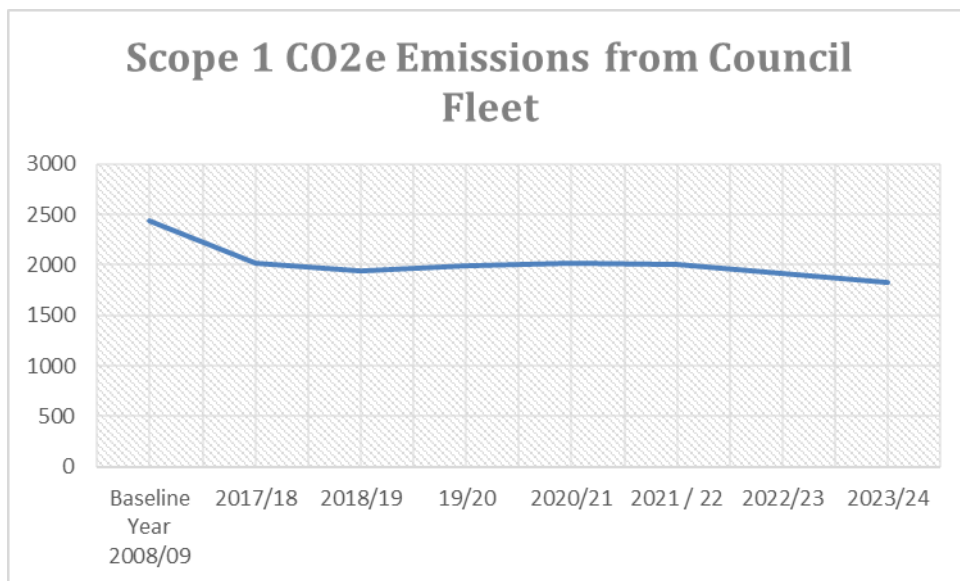
Electricity emissions across corporate buildings have reduced by 76% from the base year. Some of this will have been due to decarbonisation of electricity on the grid. In addition, a number have buildings have had measures to decarbonise them, such as LED lighting, Air Source Heat Pumps and solar PV, which will have assisted in these reductions.

Emissions from Street Lighting



LED street lighting started to be installed in 15/16 across Tameside with a rolling replacement program still ongoing but with the majority of columns now replaced.

Emissions from Council Fleet



Fleet emissions have reduced by 25% since the baseline.

Tameside Council's Carbon Management Activity Progress

- We have achieved a 65% reduction in emissions since the baseline year.
- LED lighting installations have taken place across a number of our corporate sites.
- LED street lighting improvements have been underway since 2015/16 with the majority now having been replaced.
- We have solar PV on 5 of our buildings including the new Council Offices. 4 Schools now have solar PV installed.
- We are carrying our analysis of our corporate estate to determine priorities for improving insulation, energy efficiency and opportunities for renewable technologies.
- We now have 10 x Electric Vans on our fleet. These were delivered in January 2020.
- We have undertaken a fleet replacement programme and fleet is now Euro 6 and CAZ Compliant
- 14 new electric charging points have been installed across our depots / sites to assist us with moving to a greener fleet.
- We have increased investment in driver training and all drivers receive annual training.
- We launched the council Bike to work scheme to help employees to purchase bikes and equipment using salary sacrifice
- Accessing £14 million funding for walking and cycling improvements across the borough
- Replaced the heat exchanger at Dukinfield Cemetery, for an energy efficient model.
- Rationalized the Council's buildings portfolio
- Been awarded circa £4 million from BEIS to decarbonise a number of buildings across the portfolio in phases 1 and 3a of PSDS funding
- Developed a strategy and accompanying action plan with a number of task groups to ensure delivery of actions.
- Carbon literacy training course completed by all office staff.
- Been successful in obtaining grant funding to install solar panels on a swimming pool building.

10. Conclusion

Tameside Council has achieved a 65% reduction in carbon emissions since our base year of 2008/09. This is a significant improvement but we are aware that we have much more to do to meet our target to be carbon neutrality by 2038. Data we have obtained from the Tyndall Centre in Manchester indicates that we must reduce our emissions by 14% year on year if we are to achieve this target.

Meeting this target will be a significant challenge but we will continue to improve our energy efficiency and to move our buildings and transport away from fossil fuels. We are also determined to fully embed carbon and air quality management into all areas of our operations.

A key point to note is that the council's own emissions are a fraction of the Boroughs total emissions, these emissions are beyond Tameside Council's direct control and will require a collaborative approach across all sectors of Tameside in order to reduce these.