

Appendix 1

Annual Emissions Report 2023/24

GHG Emissions Data

Our Annual Emissions Report details carbon emissions from the Council's operations in accordance with the DEFRA "Environmental Reporting Guidelines", using the latest published [emission conversion factors](#).

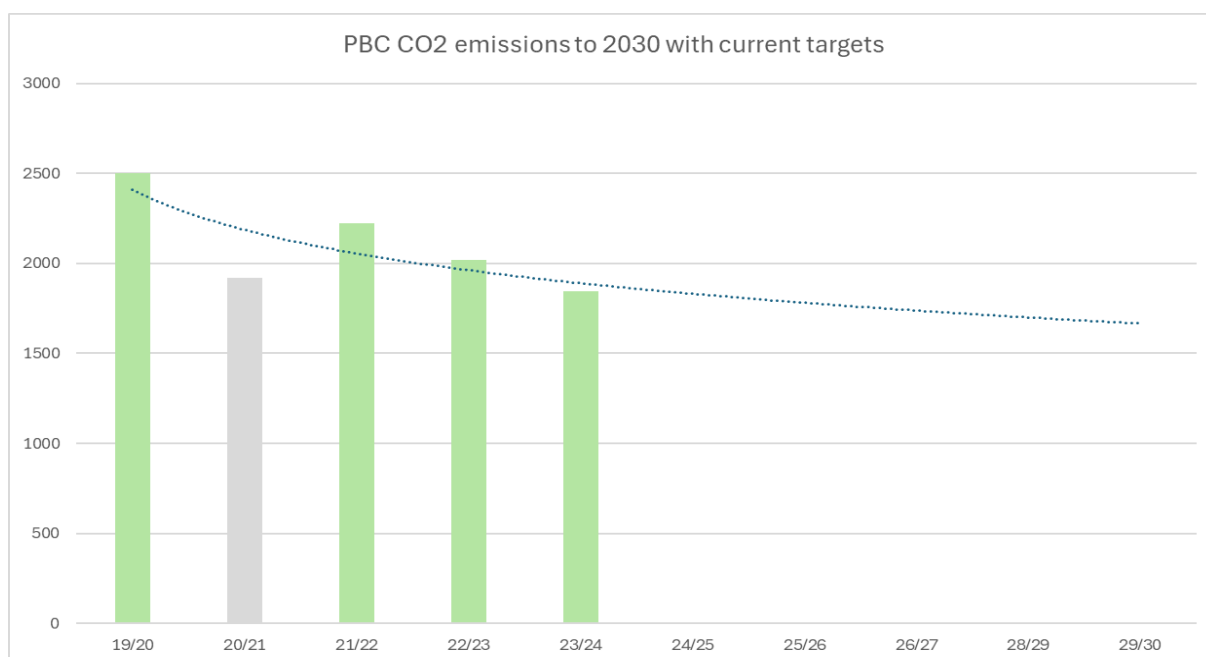
	<i>kgs CO2e of CO2</i>	<i>Emissions in tonnes</i>
SCOPE 1		
Gas Consumption	982520.51	967.0030995
Owned Transport	534654.1825	526.2101364
Sub Total	1517174.692	1493.213236
SCOPE 2		
Electricity Consumption	345449.6117	339.9937628
Sub Total	345449.6117	339.9937628
SCOPE 3		
Business Travel	12597.85	12.40
Staff Commuting	Not Included	-
Waste Disposal	Not Included	-
Product in Use	Not Included	-
Outsourced Services		
Sub Total	12597.8455	12.39888178
TOTAL	1875222.15	1845.60588

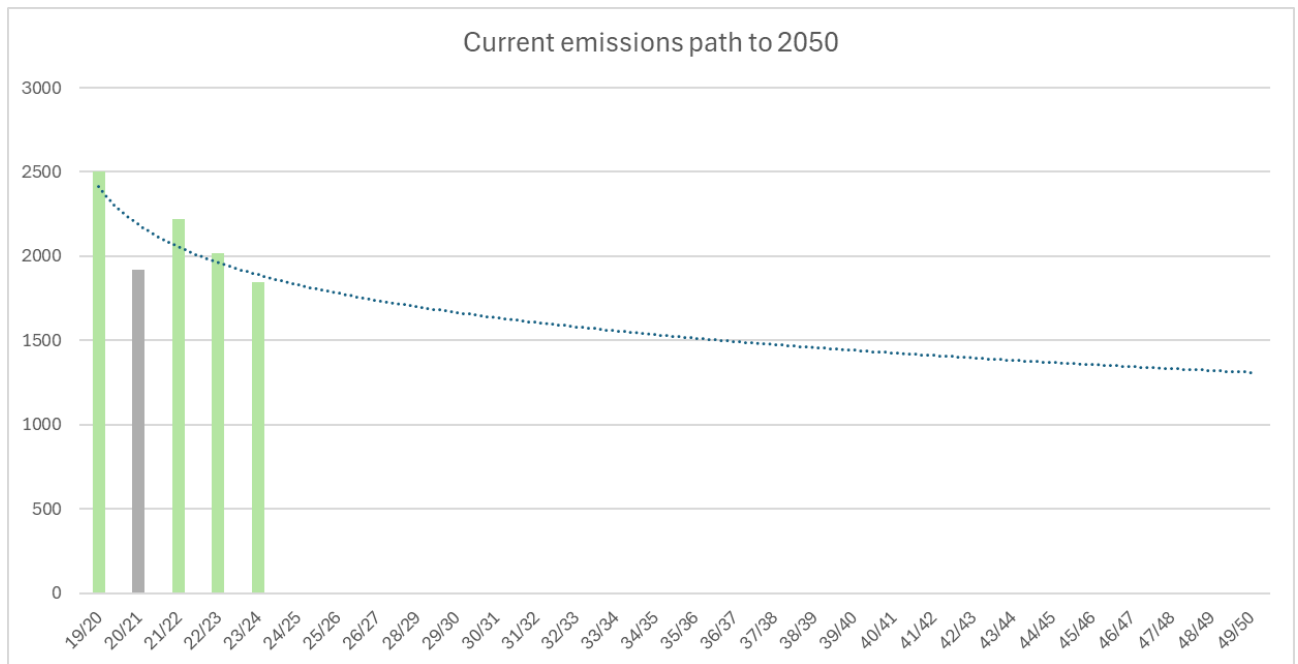
Data for the previous 5 years has been recalculated using the same methodology to provide a clear picture of progress to date.

Updated carbon emissions data for period 1 st April 2019 to 31 st March 2024					
	19/20	20/21	21/22	22/23	23/24
SCOPE 1					
Gas Consumption	1,337	941	1,233	1,079	967
Owned Transport	605	612	594	561	526
Total Scope 1	1,942	1,553	1,827	1,640	1,493
SCOPE 2					
Purchased Electricity	537	354	381	350	340
Total Scope 2	537	354	381	350	340
SCOPE 3					
Business Travel	25	12	13	28	12
Outsourced Services	-	-	-	0	0
Total Significant Scope 3	25	12	13	28	12
Gross Emissions - tonnes of CO₂e	2,504	1,919	2,221	2,018	1,846

Disregarding results for 20/21 due to Covid, some significant decreases have been achieved during the past 5 years – largely to energy infrastructure changes and the decarbonisation of UK electricity generation.

This downward trend will not continue without active intervention. As can be seen from the figure below, the reduction in GHG emissions is likely to plateau if current trends continue to rely on passive, external factors. For PBC to meet its carbon neutral commitment by 2030 and achieve zero by 2050 in line with UK commitments, further action must be taken, and appropriate targets put in place.





Supporting Explanations

1. Company Information

The information contained in this report relates to Pendle Borough Council based at:
Town Hall, Market Square, Nelson, Lancashire, BB9 7LG.

2. Latest Reporting periods

1st April 2023 – 31st March 2024

3. Approach

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions, using their annual CO2 conversion factors.

4. Organisational Boundary

We have used the financial control approach.

5. Operational Scopes

We have used the scopes set out in the guidance as follows:-

Scope 1 – Fuels used in boilers, furnaces or turbines.

In the Council's case, this is natural gas used in Council owned properties (where the Council is responsible for the boiler) and controlled transport (mainly waste and cleansing services, ground maintenance vehicles and light commercial vans). This includes council owned Pendle Leisure Trust sites, and some Liberata controlled buildings.

Scope 2 - Consumption of purchased electricity.

For the Council this is electricity consumed within Council owned buildings. This includes council owned Pendle Leisure Trust sites.

Scope 3 – This includes business travel for staff where they are using their own vehicles and outsourced activities. It includes Pendle Leisure Trust staff travel.

6. Reporting period

This Annual Report captures year on year progress since 2018/19.

7. Targets

We have improved our internal systems and procedures to enable us to monitor our energy consumption quarterly and identify seasonal trends. Our revised Performance Indicators for climate change are:

- Total CO2 saved from council assets (annual)
- Total CO2 saved due to renewable energy investments (annual)

8. Carbon offsets

None

9. Green Tariffs

None

10. Assumptions and Exclusions

We have not included greenhouse gas emissions from the following:

- suppliers, contractors or consultants
- the use of water
- waste disposal
- air conditioning and refrigeration systems
- staff commuting
- business travel using the bus, train, taxi or plane
- CCTV

11. Contact for further information

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