

City of Bradford Metropolitan Council Greenhouse Gas Report 2014

Background

Bradford Council operates a diverse array of public services serving a population of over half a million citizens. The Council is committed to reducing its overall carbon emissions by 40% using 2005 as a baseline year and is also participating in the UK Carbon Reduction Commitment (CRC) - an energy efficiency scheme to reduce emissions from heat and electricity. The focus of the CRC scheme is to reduce carbon emissions. However this report includes other greenhouse gases such as methane and nitrous oxide. These are included in the totals and are expressed as CO₂ equivalents (CO₂e).

Our emissions are listed under 3 scopes;

Scope 1 – directly produced emissions

Scope 2 – indirectly produced emissions

Scope 3 – emissions outside our control but associated with our activities

Our Greenhouse Gas Footprint

In this report we have looked at the emissions associated with activities within our financial control.

Table 1 City of Bradford Metropolitan District Council GHG emissions 2009 - 2012

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Scope 1	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes
Fossil fuels	29,860	31,834	27,007	31,171	28,199
Council owned transport	7,759	7,511	6,727	6,387	6,313
Scope 2					
Electricity	44,657	45,104	44,015	46,014	45,400
Scope 3					
Business travel	2,490	1,151	1,268	1,259	995
Transmission losses	3,536	3,632	3,761	3,635	3,882
Total	88,302	89,233	82,779	88,466	84,789

Emissions released directly through fossil fuel combustion such as motor vehicles or boilers are shown under Scope 1. Indirect emissions released by generating electricity are listed under Scope 2. Business travel is a significant release of emissions which includes rail and air travel as well as travel in private vehicles owned by staff. Because the assets are not owned by the Council these emissions are listed under Scope 3. Also under Scope 3 are electricity transmission losses from the national grid for which we have no direct control over.

What haven't we reported?

This report does not include fugitive emissions from air conditioning units or refrigeration units due to a lack of data. Similarly data was unavailable for emissions from waste processing activities carried out by the Council, but we have included those emissions from Council operated waste transport activity. Although schools manage their own budgets, we have included their scope 1 and 2 emissions from all Bradford schools except those outside the influence of the authority which include free schools and academies. There are some discretionary (Scope 3) emissions that have been left out of this report. These are;

- Emissions arising from our supply chain of goods and materials
e.g. fuel used delivering supplies
- From staff commuting to their workplace,
- Domestic energy used by staff working at home.