

Greenhouse gas emissions (GHGs)

Bradford Council operates a diverse array of public services serving a population of over 500,000 citizens. The Council is participating in the UK Carbon Reduction Commitment (CRC) energy efficiency scheme to develop energy management strategies that will reduce emissions related to heat and power requirements. The focus of the CRC scheme is to reduce carbon emissions. However this report includes other significant greenhouse gasses such as methane and nitrous oxide. These are included in the totals and are expressed as CO₂ equivalents (CO₂e). Emissions released directly through fossil fuel combustion such as 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 from transport not owned by the Council - these are listed under scope 3. Bradford Council has committed to reduce the organisations overall carbon emissions by 40% using 2005 as a baseline year. The Council is seeking greater accuracy in measuring it's GHG emissions and the 2010 – 2011 data are the most accurate to date. The 2009 – 2010 data indicate fewer overall emissions however the data collection process was less rigorous in previous years, and is therefore considered less reliable.

Table 1

	Global tonnes CO ₂ e	
	2009-2010	2010-2011
Scope 1		
Fossil fuels	29,859	31,834
Council owned transport	7,759	7,511
Scope 2		
Electricity	47,444	48,758
Scope 3		
Business travel	2,399	1,129
Total	87,461	89,232