

Greenhouse Gas Emissions

Annual Report April 2017 - March 2018

Background

The Department of Energy and Climate Change have required Local Authorities to report on greenhouse emissions as a result of their operations.

The aim is to measure the progress of local authorities annually in reducing emissions from providing Council services, including those emissions generated by contractors and others providing services on their behalf. This report outlines greenhouse gas (GHG) emissions by the Council as a result of its own operations and service delivery for the past six years. The first report of this kind was published in 2008-09.

Base year

The base line year used for carbon reporting is the financial year 2008/9. Emissions will be monitored against the base year and published annually.

Approach for GHG emissions calculation

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions. It recommends identifying and categorizing emissions released into three groups or scopes:

Scope 1 (direct emissions)	<ul style="list-style-type: none"> • Activities owned or controlled by the Council that release emissions straight into the atmosphere. • Examples: emissions from combustion in owned controlled boilers or vehicles.
Scope 2 (energy indirect)	<ul style="list-style-type: none"> • Emissions being released into the atmosphere associated with our consumption of purchased electricity, heat, steam and cooling. <ul style="list-style-type: none"> • These are indirect emissions which are a consequence of the organisation's activities but occur at sources that we don't own or control.
Scope 3 (Other indirect)	<ul style="list-style-type: none"> • Emissions that are a consequence of our actions, which occur at sources which we don't own or control and which are not classed as scope 2 emissions. • Examples: emissions from business travel (not owned or controlled), waste disposal or purchase of materials. This scope is discretionary.

	2017/18		2016/17		2015/16		2014/15		2013/14		2012/13		2011/12		2010/11		2009/10		2008/09	
	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes	CO ₂ tonnes	Total GHG CO ₂ e tonnes
Scope 1 - Direct Emissions <i>Emissions resulting from gas usage in Council's owned and managed buildings and emissions from Council's owned vehicles</i>	412	413	401	402	417	419	391	392	386	388	432	433	388	389	410	411	469	470	465	466
Scope 2 - Energy Indirect <i>Emissions resulting from electricity usage in Council's owned and managed buildings</i>	429	433	572	575	699	705	713	719	651	655	683	688	720	724	760	764	761	766	835	840
Scope 3 - Other Indirect <i>Emissions resulting from energy consumption in Council's outsourced properties, emissions resulting from business travel, emissions resulting from transmission and distribution in both owned and managed properties and emissions resulting from transmission and distribution in outsourced properties.</i>	2471	2486	2798	2812	2837	2855	2715	2744	2537	2550	2722	2735	2651	2667	2821	2839	2801	2818	2954	2973
Total Gross Emissions	3313	3332	3772	3790	3954	3978	3819	3855	3574	3593	3837	3856	3758	3781	3990	4014	4030	4054	4253	4279
Total Annual Net Emissions	3313	3332	3772	3790	3954	3978	3819	3855	3574	3593	3837	3856	3758	3781	3990	4014	4030	4054	4253	4279

% Reduction in comparison to previous year	-16.22%	-16.25%	-4.61%	-4.73%	+3.53%	+3.19%	+6.85	+7.31	-6.84	-6.83	+2.09	+2.00	-5.82	-5.83	-1.00	-0.98	-5.24	-5.25	BASE YEAR	
% Reduction since baseyear (2008/09)	-17.81%	-17.83%	-6.42%	-6.53%	-7.04%	-7.04%	-10.21	-9.90	-15.97	-16.04	-9.80	-9.88	-11.65	-11.65	-6.24	-6.24	-5.24	-5.25		