



IPSWICH BOROUGH COUNCIL

GREENHOUSE GAS REPORT 2012/13

Ipswich Borough Council has been monitoring its carbon footprint since being accepted on to the Carbon Trust's Local Authority Carbon Management Programme in 2008.

The organisation's carbon footprint consists of emissions from electricity, gas, vehicle fleet fuel use and business travel. This programme has involved setting carbon reduction targets of 20% by 2013 (from 2007/08 levels) and 50% by 2021 (from 2007/08 levels).

This Greenhouse Gas (GHG) report uses the same set of data as the carbon footprint but calculates total CO₂ equivalent (CO₂e) rather than just CO₂. It is important for Local Authorities to measure emissions, to identify where efficiency improvements can be made, to monitor both emissions and financial savings and to lead by example.

GHG emissions data for 1st April 2008 to 31st March 2013

	Tonnes CO ₂ e				
	2012/13	2011/12	2010/11	2009/10	2008/09
Scope 1	4,172	3,627	5,130	5,033	5,406
Scope 2	3,979	4,581	4,461	4,608	4,632
Scope 3	74	118	53	61	76
Total gross emissions	8,225	8,826	9,644	9,702	10,114

1 Organisational Information

Ipswich Borough Council is a second tier Local Authority. Head Office is Grafton House, 15-17 Russell Road, Ipswich, Suffolk IP1 2DE.

2 Reporting Period

1st April 2012 – 31st March 2013

3 Change in emissions

Greenhouse gas emissions have reduced again this year. This year though there has been an increase in gas consumption compared to last financial year. Last year two of the Council's largest consuming sites - Crown Pools and the Crematorium - were not fully operational due to refurbishment works being carried out, which lowered gas consumption to an unsustainable level. Business travel emissions have reduced this year but are still higher than they were in 2010/11.

4 Approach

The Government's guidance on how to measure and report greenhouse gas emissions has been followed.

5 Organisational Boundary

The financial boundary, comprising gas and electricity use from all operational buildings, from all operational buildings, fuel use from fleet vehicles and emissions from business travel has been applied.

6 Operational scopes

Scope 1, 2 and significant scope 3 emissions have been measured.

2011/12 detailed breakdown of emissions

	GHG emissions 2010 in tonnes CO ₂ e	Specific exclusions
Scope 1		
Gas consumption	3,101	
Owned transport	1,648	
Process emissions	None	
Fugitive emissions	Not collected	Emissions from air conditioning and refrigeration units in buildings excluded due to this information not having been collected in previous years.
Total scope 1	4,749	
Scope 2		
Purchased electricity	3,979	
Total scope 2	3,979	
Significant Scope 3		
Business travel	74	
Total significant scope 3	74	

7 Base Year

For the purposes of this report the baseline year is 2008/09, in line with NI 185 requirements. The baseline and subsequent years' results have been recalculated previously following the discovery of some inaccuracies in the data.

8 Targets

The emissions reduction target for CO₂ is 20% by 2013 (from 2007/08 levels) and 50% by 2021 (from 2007/08). Up to the end of financial year 2012/13 IBC has made a reduction of 18% from the baseline year of 2007/08.

Mark Hunter, Operations Manager Building Design Services, and Catherine Pittam, Energy Management Officer, are responsible for the achievement of the targets.