

# Coventry City Council

## Annual Greenhouse Gas Emissions Report

2011/12

### 1.0 Introduction

Coventry City Council aims to significantly reduce its carbon emissions and by example lead local residents, businesses and organisations towards the goal of a low carbon city. In order to achieve this we participated in the Carbon Trust's Local Authority Carbon Management Programme. Our carbon management plan aims to reduce carbon dioxide emissions from Council operations by 30% from our 2008/9 baseline year levels in five years. For more information on how Coventry City Council has reduced our carbon dioxide emissions please visit our [tackling climate change](#) pages on our website.

The carbon footprint calculated for the baseline year (2008/09) was 61,874 tonnes CO<sub>2</sub>e (carbon dioxide equivalent) and included all of scope 1 and scope 2 from our operational properties, fleet and schools and our significant scope 3 emissions including the council's main outsourced services.

This report provides the 2011/2012 financial year Greenhouse Gas (GHG) emissions from Coventry City Council estate and operations and follows guidance provided by DEFRA (Department for Food, Environment and Rural Affairs) on how to measure and monitor greenhouse gas emissions.

At the end of this year the results are a decrease of 7,965 tonnes CO<sub>2</sub>e in scope 1 and scope 2 emissions from the baseline figure. This is equivalent to a reduction of 15%.

## 2.0 GHG Emissions report for the period 1st April, 2011-31<sup>st</sup> March, 2012

GHG emissions data for period 1 <sup>st</sup> April 201 to 31 <sup>st</sup> March 2012			
	Tonnes of CO <sub>2</sub> e		
	2011/12	2010/11	Base Year 2008/9
<b>Scope 1</b>	<b>14,267</b>	<b>19,731</b>	<b>21,817</b>
Diesel	3,150	3,485	3,636
Gas Oil	895	2,176	2,624
LPG	46	12	1
Natural Gas	10,115	13,972	15,364
Petrol	61	85	192
<b>Scope 2</b>	<b>30,761</b>	<b>31,275</b>	<b>31,177</b>
<b>Scope 3</b>	<b>6,782</b>	<b>7,917</b>	<b>8,879</b>
Business travel	941	977	1,146
Outsourced services	5,841	6,939	7,733
<b>Total gross emissions</b>	<b>51,810</b>	<b>58,923</b>	<b>61,874</b>
Carbon offsets	0	0	0
<b>Total annual net emissions</b>	<b>51,810</b>	<b>58,923</b>	<b>61,874</b>
Intensity measurement 'Tonnes of CO <sub>2</sub> e per FTE	4.46	4.59	4.63

- We include the following GHG in our direct carbon footprint: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O). Emissions from all of these gases are expressed as CO<sub>2</sub>e emissions.
- Data on gas, electricity and fuel consumption from operational buildings, street lighting and schools is based upon actual meter readings and/or utility bills.
- For Business travel a mix of known activity data and extrapolation has been used to calculate our business travel footprint. A cost per mile rate has been calculated, based on known activity data, for Air, rail, bus and taxi travel. These rates have been applied to journeys where activity data is lacking.
- Outsourced services include public museums, community centres, arts and sports centres where the Council provides support or significant levels of funding. Energy consumption data is provided by these organizations and sense checked against previous years' consumption data.

## **3.0 Supporting Information**

### **3.1 Organisation Information**

Coventry City Council is responsible for providing a wide range of services to people who live within the City, to people who visit the City, and to businesses and other organisations based in Coventry. It currently serves a population of 318,600 (2011) and approximately 15,600 employees.

### **3.2 Reporting Period**

1st April, 2011 to 31<sup>st</sup> March, 2012

### **3.3 Change in Emissions**

Scope 1 and scope 2 emissions show a decrease of 7,965 tonnes CO<sub>2</sub>e from the baseline figure. This is equivalent to a reduction of 15%.

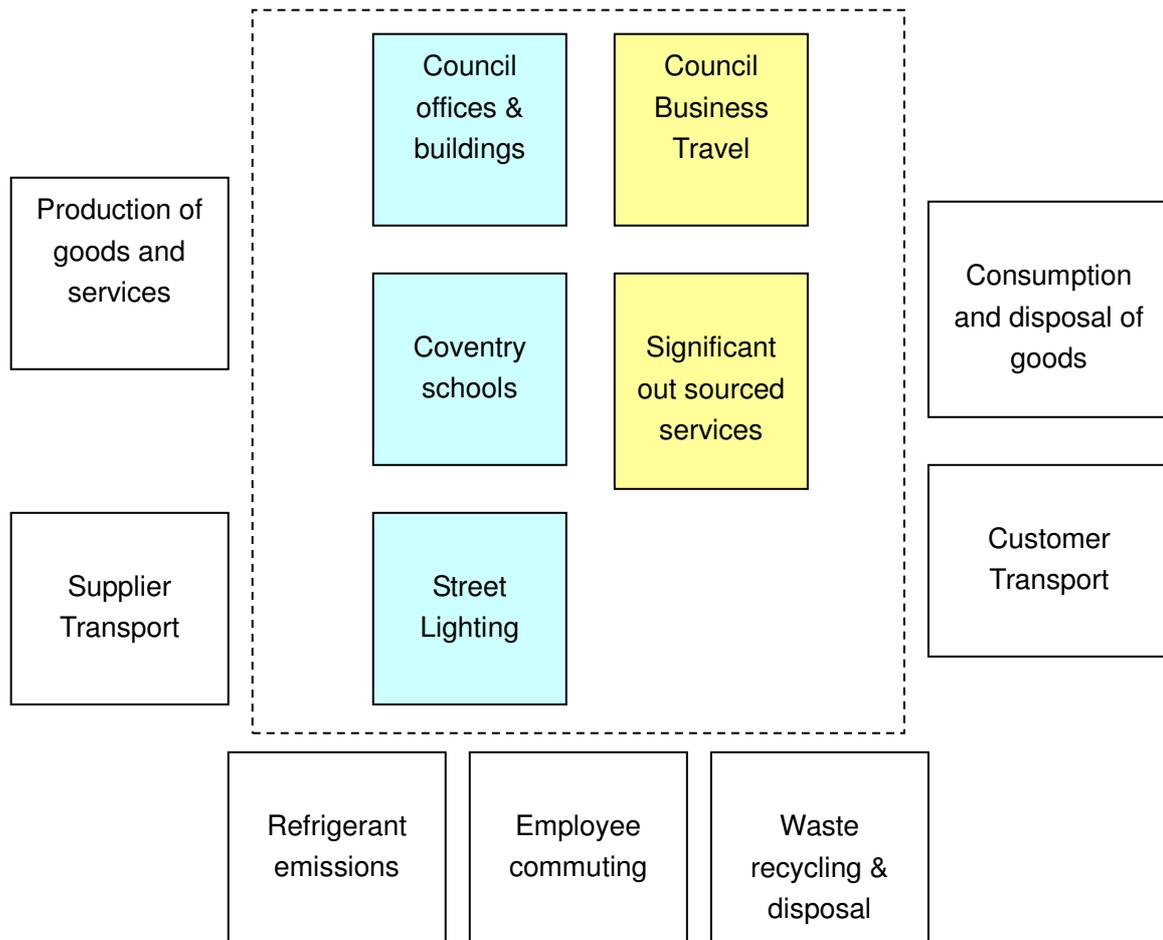
### **3.4 Approach**

We have followed the latest Defra / DECC's guidance on how to measure and report greenhouse gas emissions.

### **3.5 Organisational Boundary**

We have used the Financial Control approach as recommended within the DEFRA guidance. All operational and non-operational buildings have been included in line with this approach.

Car parks and operations previously carried out by CV1 have now transferred from an outsourced service to direct control while community centres are now classified as outsourced services.



Footprint Boundary -----

Scope 1 & 2 emissions

Scope 3 emissions

The diagram above shows the boundary of Coventry City Council's carbon footprint. Our carbon footprint covers GHG emissions from:

- gas, electricity and other fuel consumption from our operational buildings and schools,
- fuel consumption from our fleet vehicles,
- electricity consumption from street lighting,
- gas, electricity and fuel consumption from our significant outsourced services,
- Business travel by our employees, where paid for by Coventry City Council, including travel by air, bus, rail, pool cars, private cars used for business purposes and taxis.

### **3.6 Geographical Breakdown**

All of our services are carried out within the UK.

### **3.7 Baseline Year**

For the Council's total GHG emission, the baseline year is 2008-09.

### **3.8 Target**

We have a 30% reduction target over 5 years from the baseline year.

### **3.9 External Assurance**

We have not sought external assurance over our reported emissions.

### **3.10 Carbon Offsets**

We have not purchased any carbon offsets.

### **3.11 Green Tariffs**

We do not consume energy from green tariffs.