

Coventry City Council

Annual Greenhouse Gas Emissions Report

2012/13

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 CO₂e (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 2012/2013 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 3,266 tonnes CO₂e in scope 1 and scope 2 emissions from the baseline figure. This is equivalent to a reduction of 6.2%.

2.0 GHG Emissions report for the period 1st April, 2012 - 31st March, 2013

| GHG emissions data for period 1 st April 2012 to 31 st March 2013 | | | |
|---|-----------------------------|---------------|---------------------|
| | Tonnes of CO ₂ e | | |
| | 2012/13 | 2011/12 | Base Year 2008/9 |
| Scope 1 | 18,864 | 14,267 | 21,817 |
| Diesel | 3,302 | 3,150 | 3,636 |
| Gas Oil | 391 | 895 | 2,624 |
| LPG | 101 | 46 | 1 |
| Natural Gas | 15,015 | 10,115 | 15,364 |
| Petrol | 55 | 61 | 192 |
| Scope 2 | 30,865 | 30,761 | 31,177 |
| Scope 3 | 6,723 | 6,782 | 8,879 |
| Business travel | 873 | 941 | 1,146 |
| Outsourced services | 5,850 | 5,841 | 7,733 |
| Total gross emissions | 56,451 | 51,810 | 61,874 |
| Carbon offsets | 0 | 0 | 0 |
| Total annual net emissions | 56,451 | 51,810 | 61,874 |
| Intensity measurement 'Tonnes of CO ₂ e per FTE | 5.10 | 4.46 | 4.63 |

- We include the following GHG in our direct carbon footprint: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O). Emissions from all of these gases are expressed as CO₂e 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, 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 has approximately 6,900 employees, excluding school teachers.

3.2 Reporting Period

1st April, 2012 to 31st March, 2013

3.3 Change in Emissions

Scope 1 and scope 2 emissions show a decrease of 3,266 tonnes CO₂e from the baseline figure. This is equivalent to a reduction of 6.2%.

Scope 1 and scope 2 emissions show an increase of 4,700 tonnes CO₂e from the previous year 2011/12. This is equivalent to an increase of 10.4%.

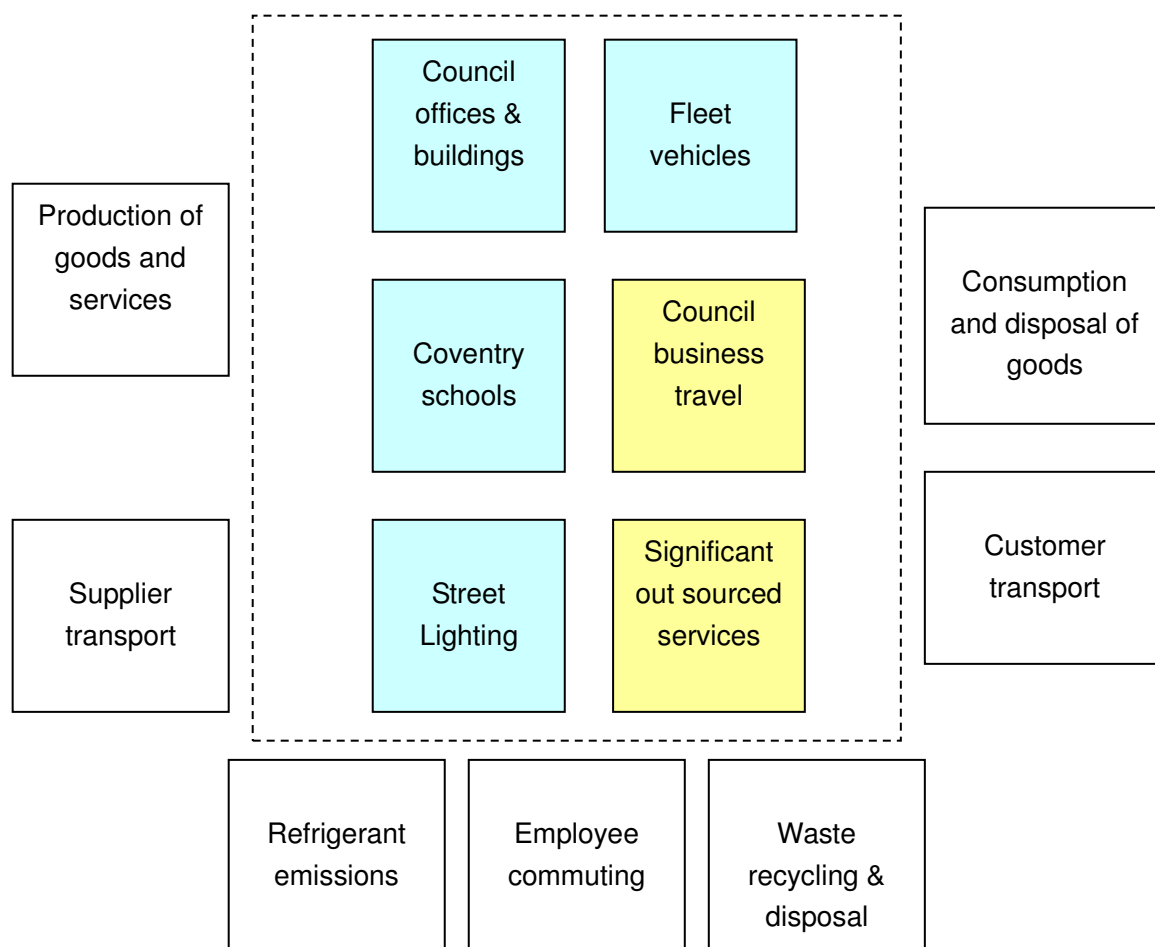
3.4 Approach

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.

This year community centres have been removed from the scope of outsourced services due to the difficulty in obtaining accurate energy consumption data.



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.