

## Portsmouth City Council's 2011/12 Greenhouse Gas Emissions

GHG emissions data for the period 1 <sup>st</sup> April 2011 to 31 <sup>st</sup> March 2012			
	Global tonnes of CO <sub>2</sub> e		
	2011/12	2010/11	Base year (2009/10)
Scope 1	11,628	15,399	15,018
Scope 2	24,758	23,928	25,889
Scope 3	1,050	1,426	1,580
<b>Total gross emissions</b>	<b>37,436</b>	<b>40,753</b>	<b>42,488</b>
Carbon offsets	-	-	
Green tariff	-	-	
<b>Total annual net emissions</b>	<b>37,436</b>	<b>40,753</b>	<b>42,488</b>
<b>Intensity measurement 'tonnes of CO<sub>2</sub>e per Portsmouth resident'</b>	<b>0.18</b>	<b>0.20</b>	<b>0.21</b>

### 1. Local Authority information

Portsmouth City Council is a unitary authority with the main office being the Civic Offices, Guildhall Square, Portsmouth, PO1 2AL. The authority has a property portfolio valued in excess of £1.2bn. In addition PCC also owns the Portsmouth international port and MMD, a shipping import company.

### 2. Reporting period

1st April 2011 – 31st March 2012

### 3. Change in emissions

Our reported emissions this year have dropped due to numerous efficiency projects. These have included a large reduction in the MMD shipping lorry fleet, and a new residential waste fleet which uses recycled cooking oil biodiesel.

### 4. Approach

We have followed DEFRA's 'Guidance on how to measure and report your greenhouse gas emissions' and 2011 Guidelines to Defra / DECC GHG conversion factors for company reporting.

### 5. Organisational boundary

We have used the financial control approach.

## 6. Operational scopes

	GHG emissions 2011/12 in tonnes of CO2e	State specific exclusions and % this represents for relevant scope
<b>Scope 1</b>		
Gas consumption	6,572	
Fuel (for heating and machinery) consumption	2,588	
Owned transport	2,468	
Process emissions	N/A	
Fugitive emissions	Not calculated	Emissions from air conditioning and refrigeration units in office building excluded due to cost of data collection. This is minimal, less than 1%.
<b>Total scope 1</b>	<b>11,628</b>	
<b>Scope 2</b>		
Purchased electricity	24,758	
<b>Total scope 2</b>	<b>24,758</b>	
<b>Significant Scope 3</b>		
Business travel	651	Includes all non-PCC owned vehicle use (except hire cars and public buses) and rail. Air travel has been removed from all years as it accounts for less than 0.1% of business travel CO2 emissions but takes a large amount of resource to collect data.
Employee commuting	N/A	PCC has minimal control and little information available for employee commuting so it is not collated.
Waste disposal	398	Emissions from refuse vehicles for PCC waste and Portsmouth residential waste
Product in use	N/A	PCC is a service provider only
<b>Total significant scope 3</b>	<b>1,050</b>	
<b>Total GHG footprint</b>	<b>37,436</b>	

## 7. Geographical breakdown

This is not required as all activities are conducted in respect of Portsmouth

## 8. Base year

Our base year for GHG reporting is 2009/10 which we set using a fixed base year approach. Our base year recalculation policy is to recalculate our base year and the prior year emissions for relevant significant changes which meet our significance threshold of 5% of total base year emissions.

We have recalculated our base year and prior years to account for changes in quantification methodologies:

- a. The inclusion of metered landlords' housing (communal areas)
- b. The inclusion of MMD fleet
- c. Improvement in historic information available

## 9. Targets

Our emissions reduction target is to reduce total CO<sub>2</sub>e emissions from scopes 1, 2 and 3 by 30% over five years (from a 2010/11 baseline to 2016/17).

## 10. Intensity measurement

We have chosen 'tonnes of CO<sub>2</sub>e per number of residents' as our intensity measurement as the council's main objective is to provide services for Portsmouth residents.

## 11. External Assurance Statement

The energy data has been audited internally in line with the CRC guidance.

## 12. Carbon offsets

PCC have not purchased any carbon offsets.

## 13. Green tariffs

PCC does not have any green tariffs

## 14. Renewables

PCC has installed renewable energy sources part way through this year. We have deemed these to be zero-carbon sources for this reporting.

Renewable source	kWh produced	Tonnes of CO <sub>2</sub> e avoided
Biomass	26,613	5
Solar pv	15,089	8