

## Blaby District Council greenhouse gas emissions report

Blaby District Council has outlined its climate change strategy to provide context to its emissions balance sheet.

Table 1

<b>GHG emissions data for period 1 March 2010 to 30 April 2011</b>			
	Global tonnes of CO <sub>2</sub> e		
	2010-2011	Base Year 2009 - 2010	% reduction
Scope 1	1020.5	1039.7	1.85
Scope 2	1059.3	1542.1	31.31
Scope 3	36.3	38.3	5.22
<b>Total gross emissions</b>	2116.1	2620.1	19.24
Carbon offsets	0	0	x
Green tariff	0	0	x
<b>Total annual net emissions</b>	2116.1	2620.1	19.24
Intensity measurement 'Tonnes of CO <sub>2</sub> e per tonne of output	0.02260	0.02799	19.25

Climate change poses both a number of risks and opportunities to the business. These will be addresses using a multitude of options which can be viewed in Blaby District Council's Climate Change Action Plan under the 'Adaptation' section.

### 1. Company Information

Blaby District Council is a local authority situated within Leicestershire. Registered address is Council Offices, Desford Road, Narborough, Leicester, LE19 2EP.

### 2. Reporting period

1 April 2010 – 31 March 2011

Also included is the data from 1 April 2009 – 31 March 2010

### 3. Change in Emissions

The Council's emissions fell between 2011 and 2010 firstly because the Council invested in a number of building improvements to improve the efficiency of its building stock to tackle scope 1 and 2. Additionally a behavioural change energy reduction programme was instigated across the Council's portfolio which specifically targeted scope 2. Later this was extended to scope 1. Finally, a green travel plan for the Council was put into action to tackle scope 3 and 1.

### 4. Approach

Blaby District Council followed the Government's guidance on how to measure and report greenhouse gas emissions.

### 5. Organisational boundary

The Council have used the financial control approach.

### 6. Operational scopes

The Council have measured its scope 1,2 and significant scope 3 emissions.

Table 2

	<b>GHG emissions 2010/11 in tonnes of CO<sub>2</sub>e<sup>55</sup></b>	<b>State specific exclusions and % this represents for relevant scope (excluding geographical exclusions)</b>
<b>Scope 1</b>		
Gas consumption	164.19	
Owned transport	856.33	
Process emissions	Not calculated	Council undertakes no processes to produce process emissions
Fugitive emissions	Not calculated	Emissions from air conditioning and refrigeration units would be negligible due to a very low number existing throughout the Council stock. It would therefore be cost prohibitive to collect such data, expected to account for less than 1%

		of scope 1 data.
<b>Total scope 1</b>	1020.5	
<b>Scope 2</b>		
Purchased electricity	1059.32	
<b>Total scope 2</b>	1059.32	
<b>Significant scope 3</b>		
Business travel	36.27	
Employee commuting	Not calculated	Figure not calculated as data is not captured and therefore unavailable. Expected to account for 6% of total scope 3 emissions.
Waste disposal	Not calculated	Data only captured for District as a whole. Would be cost prohibitive to segregate this data from the whole of the Districts commercial collections. It would be expected to account for less than 5% of total annual net emissions.
Product in use	Not calculated	The Council emits no 'product in use' emissions.
<b>Total significant scope 3</b>	36.27	

## 7. Geographic break down

Table 3

Geographical breakdown			
2010	Tonnes of CO <sub>2</sub> e		
	Scope 1	Scope 2	Scope 3
Total global (UK only)	1020.5	1059.32	36.27

Blaby District Council only emits UK based emissions, as there are currently no international operations.

## 8. Base Year

The Council's base year was recorded for 2009/10 financial year. It was set using a fixed base year approach.

Blaby District Council's base year recalculation policy was to recalculate the base year and the prior year emissions for relevant significant changes which meet the Council's Local Area Agreement target reductions of 4% per year for 3 years from the total base year emissions.

## **9. Targets**

Our emissions reduction target is to reduce our GHG emissions, scopes 1, 2, and 3 (for scope 3, only those emissions which relate to business travel will be tackled).

The Council set an ambitious target of achieving a reduction of 25% over 5 years for its GHG emissions from its baseline year by undertaking a number of planned actions within the Council's Carbon Management Plan. This 25% reduction is planned to be achieved by 2013/14. The Council has already made outstanding progress towards achieving this target, by achieving nearly 80% of the target figure by year 2. It is expected the Council will achieve the target figure of a 25% reduction before the target date of 2013/14.

Jon Wells, Regulatory Services Group Manager is responsible for the achievement of the target.

## **10. Intensity measurement**

The Council has chosen 'Tonnes of CO<sub>2</sub>e per tonne of output' as this is the common business metric for the industry sector.

The Council's intensity measurement in Table 1 is based on the total carbon emissions per head of population (A population figure of 93,600 for Blaby District was taken from the Office for National Statistics for 2009).

The Council saw a fall of 19.25% in its intensity measurement. This was due to a small amount of investment to improve the Council's building efficiency, improve the Council's vehicle assets through a rolling programme of replacement, and educate all staff using a behavioural awareness programme. This programme has been extended to Blaby District Council partner organisations to gain further intensity measurement improvements for future reductions.

## **11. External Assurance Statement**

We have not sought an independent external assurance statement.

## **12. Carbon offsets**

Our energy consumption falls well below the threshold required for participation in the Carbon Reduction Commitment scheme and we have therefore not purchased any carbon credits to offset our emissions.

### **13. Green tariffs**

The Council has not current purchased any green tariffs to reduce GHG emissions further. This may be considered in the future, depending on the current economic climate.

The Council will install a Solar PV installation on one of its buildings during the 2011/12 financial year which may contribute towards green tariffs in the future.