

Bolton Council Greenhouse Gas report 2013

Introduction

All Local authorities have been asked by national government to measure and report on their greenhouse gas emissions. The first step in reducing emissions from any organisation is to measure them. Table 1 shows the total GHG emissions from all operational council buildings (including schools), emissions generated from our streetlighting and the council owned vehicles.

Table 1: Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2012/13

Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2012/13	
Scope 1	GHG emissions (in tonnes of CO₂e)
Total owned transport	2,920
Natural gas consumed for all buildings	15,113
Total Scope 1	18,033
Scope 2	GHG emissions (in tonnes of CO₂e)
Energy Indirect: Operational buildings	15,612
Energy Indirect: Street Lighting and subsidiary lighting	8,642
Total Scope 2	24,254
Total Scope 1 & 2	42,287
Scope 3	
Transmission and Distribution: Operational buildings	1233
Transmission and Distribution: Streetlighting	683
Total Scope 3	1916
Total GHG emissions 2012/13 in tonnes of CO₂e	44,203

2012/2013 Supporting information

1. Authority information

Bolton Metropolitan Borough Council

2. Reporting period

Financial year 2012/2013, baseline year 2010/11

3. Approach

This report has been collated using the 'Guidance on how to measure and report your greenhouse gas emissions', produced by Defra)

<http://www.defra.gov.uk/environment/economy/business-efficiency/reporting/>

4. Organisational boundary (data collected)

We have used the financial control approach to determine the activities on which we have collected data i.e. we are collecting data on activities for which we direct the financial and operating policies.

5. Operational scopes

Scope 1 (emissions released by activities owned or controlled by our organisation),

Scope 2 (Emissions released into the atmosphere associated with our consumption of purchased electricity, heat, steam and cooling)

Scope 3 is not included, except for the transmissions and distribution losses from our electricity consumption.

Bolton Council Greenhouse Gas report 2012

Introduction

National government (Defra) have made changes to the way Greenhouse Gas emissions are calculated. Local authorities are required to recalculate the previous year's GHG report due to these changes in methodology. Table 2 shows the rebaselined figures for the financial year 2011/2012. (This includes totals GHG emissions from all operational council buildings (including schools), emissions generated from our streetlighting and the council owned vehicles.)

Table 2: Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2011/12

Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2011/12	
Scope 1	GHG emissions (in tonnes of CO₂e)
Total owned transport	3,406
Natural gas consumed for all buildings	12,141
Total Scope 1	15,547
Scope 2	GHG emissions (in tonnes of CO₂e)
Energy Indirect: Operational buildings	12,533
Energy Indirect: Street Lighting and subsidiary lighting	7,470
Total scope 2	20,003
Total scope 1 & 2	35,550
Significant Scope 3	
Transmission and Distribution: Operational buildings	1,071
Transmission and Distribution: Streetlighting	638
Total Significant Scope 3	1,709
Total GHG emissions 2011/12 in tonnes of CO₂e	37,260

2011/2012 Supporting information

1. Authority information

Bolton Metropolitan Borough Council

2. Reporting period

Financial year 2011/2012, baseline year 2010/11

3. Approach

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Bolton Council Greenhouse Gas report 2012

Introduction

Table 3 shows the rebaselined figures for the financial year 2011/2012. (This includes totals GHG emissions from all operational council buildings (including schools), emissions generated from our streetlighting and the council owned vehicles.)

Table 3: Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2010/2011

Greenhouse Gas Emissions from Local Authority Own Estate and Operations 2010/11	
Scope 1	GHG emissions (in tonnes of CO2e)
Total Owned transport	3,119
Natural gas consumed for all buildings	11,855
Total Scope 1	14,974
Scope 2	GHG emissions (in tonnes of CO2e)
Energy Indirect: Operational buildings	11,346
Energy Indirect: Street Lighting and subsidiary lighting	7,940
Total scope 2	19,286
Total scope 1 & 2	34,260
Significant Scope 3	
Transmission and Distribution: Operational buildings	1,644
Transmission and Distribution: Streetlighting	677
Total Significant Scope 3	2,320
Total GHG emissions 2010/11 in tonnes of CO2e	36,580

2010/2011 Supporting information

1. Authority information

Bolton Metropolitan Borough Council

2. Reporting period

Financial year 2010/2011, baseline year 2010/11

3. Approach

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