



Rushcliffe Borough Council

Greenhouse Gas Emissions Report 2018/19

Contents

	Page
1. Introduction	3
2. Company information	3
3. Reporting period	4
4. Change in emissions	4
5. Approach	4
6. Organisational boundary	4
7. Operational scopes	5
8. Geographic break down	5
9. Base year	5
10. Targets	5
11. Intensity measurement	6
12. External assurance statement	6
13. Carbon offsets	6
14. Green tariffs	6
15. Limitation	6

1. Introduction

Rushcliffe Borough Council adopted its first Climate Change Strategy and Action Plan in 2010, this has been updated in 2013. The strategy sets out how the reduction of greenhouse gas emissions from the Council's own estate and operations up until 2020 will be achieved, as measured against emissions in 2008/09 (see 9. below).

The Strategy also identifies that climate change poses risks for the Borough of Rushcliffe and sets out a series of actions that will help to address these risks; and reduce greenhouse gas (GHG) emissions across the Borough as a whole.

Please note this year's report includes revised figures for 2017/18 due to improved data on Leisure Centre emissions.

GHG emissions data for period 1 April 2008 to 31 March 2019

	Emissions Reported as Tonnes of CO ₂ equivalent (CO ₂ e)			
	2018/19	2017/18	2014/15	Base Year 2008/09
Scope 1	963	958	1,145	1,255
Scope 2	231	281	417	542
Scope 3	2,003	2,496	3,160	3,528
Total gross emissions	3,190 tonnes CO ₂ e	3,735 tonnes CO ₂ e	4,722 tonnes CO ₂ e	5,324 tonnes CO ₂ e
Total net emissions	We have not calculated our net emissions, please see section 12, 13 and 14 below			
Intensity measurement 'Kilogram's (kg) of CO₂e per resident of Rushcliffe'	28.7 Kg CO ₂ e	33.6 Kg CO ₂ e	42.5 Kg CO ₂ e	47.2Kg CO ₂ e

2. Company Information

Rushcliffe Borough Council is a local government, non-metropolitan district, with borough status in Nottinghamshire, England and is a statutory corporation. Its address is: Rushcliffe Arena, Rugby Road, West Bridgford, NOTTINGHAM, NG2 7YG.

Rushcliffe Borough Council is responsible for providing a wide range of services to people who live within the Borough of Rushcliffe, to people who visit the borough, and to businesses and other organisations based in Rushcliffe. It currently serves a population of 111,100 (based on Office for National Statistics (ONS) 2011 Census, Population and Household Estimates for England and Wales); has 44 elected Members; and employs 320 members of staff.

More information on the Council can be found on its website (www.rushcliffe.gov.uk) and within its constitution, which sets out the responsibilities of the Council, its Members and its employees.

Rushcliffe Borough Council provides a wide range of services including:

- Collecting and recycling waste, removing fly-tipping and abandoned cars.
- Providing leisure centres, Rushcliffe Country Park, Edwalton Golf Courses, parks, pitches and play areas.
- Enforcing the planning system.
- Licensing taxi drivers and events.
- Protecting public health by inspecting restaurants and food outlets.
- Funding local voluntary and community groups to do vital work.
- Rehousing homeless people, funding new low-cost homes, providing housing benefit.
- Funding and organising a series of arts and cultural events.
- Collecting council tax.

3. Reporting period

1 April 2018 to 31 March 2019

4. Change in Emissions

Our total emissions have shown a decrease this year, due to improved monitoring of Leisure Centre emissions and a reduction in the council's fleet emissions.

5. Approach

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions from our estate and operations. The figures reported are for the main direct greenhouse gases in tonnes of CO₂ equivalents (CO₂e), this is the amount of CO₂ required to give the greenhouse gas effect measured.

6. Organisational boundary

This report focuses on emissions that are under the council's direct control, where the council pays the energy bills and the energy use emissions from Leisure Centres for which the council is responsible. The emissions therefore come from two main sources:

Energy Consumption from Buildings

Including: Rushcliffe Borough Council offices, community facilities, leisure centres for which the Council is responsible, and our Customer Contact centre based at West Bridgford Police Station. Emissions data from Leisure Centres is included; these are operated in partnership with contractors who have direct control over energy consumption.

Excluding: Residential property operated by Housing Associations, other landlords or privately-owned residential property. Emissions that are the responsibility of Nottinghamshire County Council including, schools, libraries and street lighting.

Transport

Including: council owned vehicles (fleet) and privately-owned vehicles operated by council officers as part of their job, for which they have claimed business allowance.

Excluding: private vehicle use for which no claim has been submitted; commuting by council staff (responsibility of individual); contractors fuel use (responsibility of contractor).

7. Operational scopes

We have measured our scope 1, 2 and significant scope 3 emissions.

	GHG emissions 2018/19 in tonnes of CO₂e	Specific exclusions
Scope 1 (Direct)		
Gas for own consumption	206	
Vehicle Fleet and machinery	757	
Process emissions	Not applicable	The council does not process goods
Fugitive emissions	Not calculated	Data is not available
Total scope 1	963	
Scope 2 (Indirect)		
Purchased electricity for own consumption	231	
Total scope 2	231	
Scope 3 (Other Significant)		
External Streetwise Fleet	116	
Business travel	32	
Water Use	Not calculated	Data is not available
Employee commuting	Not calculated	Data is not available
Waste Disposal	Not calculated	Data is not available
Externally Managed Leisure Centres - Gas Consumption	1,307	
Externally Managed Leisure Centres - Electricity Consumption	480	
Losses due to Electricity transmission and distribution	60	
Total scope 3 (significant)	1,996	

8. Geographic break down

The council operates within the Borough of Rushcliffe, Nottinghamshire, UK

9. Base Year

Our base year is 2008/09 which is the first-year calculations of Greenhouse Gas emissions were made.

10. Targets

Our emissions reduction target is to reduce our total direct GHG emissions, scopes 1, 2 and scope 3 significant emissions by 30% by 2020 from our base year. To date we have achieved 40.02%.

The Senior Management Team and the Performance Management Board of Council Members oversees the achievement of the target, with the assistance of the Community Development Manager and Environmental Sustainability Officer.

11. Intensity measurement

We have included an intensity measure of 'Kilogram's (kg) of CO2e per resident of Rushcliffe' reflecting that the council exists to provide services to its residents.

12. External Assurance Statement

We have not received an independent external assurance.

13. Carbon offsets

We have not offset carbon or purchased carbon credits.

14. Green tariffs

We have not considered this issue when reporting our emissions.

15. Limitations

- i. Rushcliffe Arena office gas use is assumed to be 10% of the Leisure Centre gas use, as these are not separately metered.
- ii. Does not take into account electricity generated by solar panels at Rushcliffe Arena.
- iii. Fuel use at Bingham Leisure Centre is assumed as meter readings include school buildings
- iv. Assumptions are made for 'streetwise' landscape services as this is no longer operated by RBC and fuel usage for work in Rushcliffe is unavailable.

GHG emissions have been calculated using: BEIS (2019) *UK Government conversion factors for Company Reporting*, BEIS and Defra, version 1.01