

South Cambridgeshire District Council

Provisional Annual Greenhouse Gas Emissions Account 2018-19

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1. Introduction

These accounts have been compiled in order to provide a better understanding of the impact of the Council's estate and operations on climate change, and to inform action to mitigate this impact by reducing emissions. They have been drawn up according to the [Environmental Reporting Guidelines](#) issued by the Government's Departments for Environment, Farming and Rural Affairs (DEFRA), and Business, Energy and Industrial Strategy (BEIS), updated March 2019.

The guidelines provide procedures and principles for accounting and reporting environmental impacts drawn from the internationally recognised Greenhouse Gas Protocol Corporate Accounting and Reporting Standard from the World Resources Institute and World Business Council for Sustainable Development, known as the "GHG Protocol Corporate Standard". These principles are that the accounts should be relevant, quantitative, accurate (insofar as is practical), complete (with any exclusions specified, disclosed and justified), consistent, comparable and transparent.

Under the GHG Protocol, emissions are defined in three different Scopes. Scope 1 is direct GHG emissions from activities owned or controlled by the organisation. Scope 2 is indirect emissions associated with consumption of purchased electricity, heat, steam and cooling. Scope 3 is indirect emissions that are a consequence of the organisation's actions, but which occur at sources not owned or controlled by the organisation.

2. GHG Emissions from the Council's Estate and Operations

Table 1: Overall GHG emissions for 2018-19

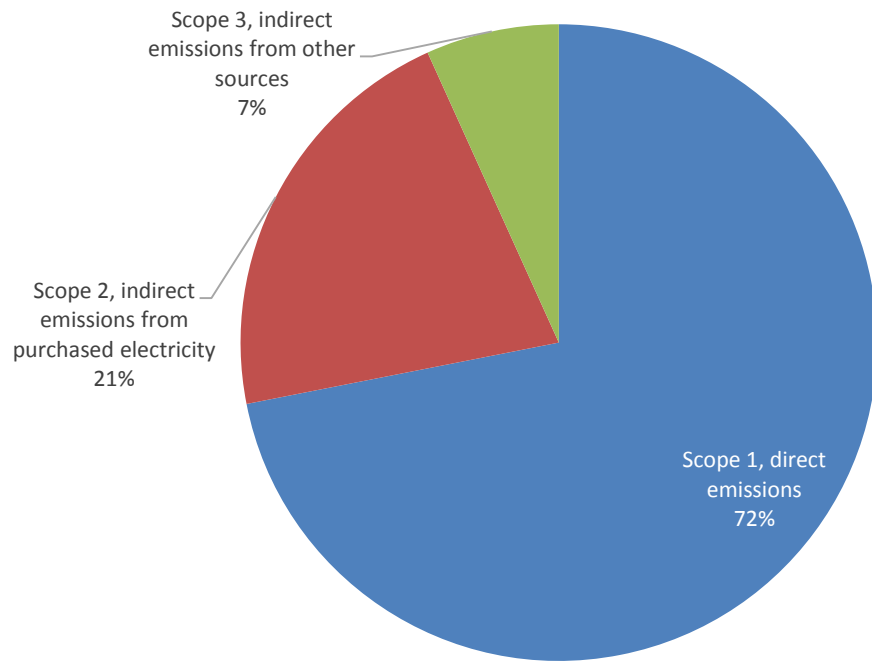
	GHG Emissions (tonnes CO ₂ e)
Scopes	2018-19
Scope 1 (direct emissions)	1346
Scope 2 (indirect emissions, electricity)	399
Scope 3 (indirect emissions, other)	127
Total gross emissions	1872
Population ¹	157519
Intensity measurement (tonnes of CO ₂ e per person)	0.0119
Electricity generated from Council-owned sources and exported to the grid	0
Green Tariff	0
Carbon offsets	0
Total Net Emissions	1872

¹ Based on Office for National Statistics 2018 Mid-Year Population Estimates released June 2019:
www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland.

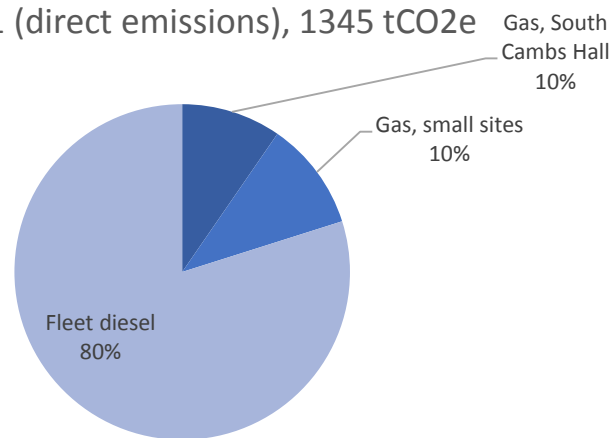
Table 2: Greenhouse Gas Emissions for 2018-19 – by scope

	GHG Emissions (tonnes CO ₂ e)
Scope 1	
Gas consumption	270
Fleet	1075
Process emissions	n/a
Fugitive emissions	n/a
Total Scope 1	1345
Scope 2	
Purchased electricity	399
Total Scope 2	399
Scope 3	
Business Travel	127
Transmission and Distribution losses	Not included
Employee commuting	Not included
Procured goods and services	Not included
Waste Disposal	Not included
Total Scope 3	127
Total gross emissions	1872

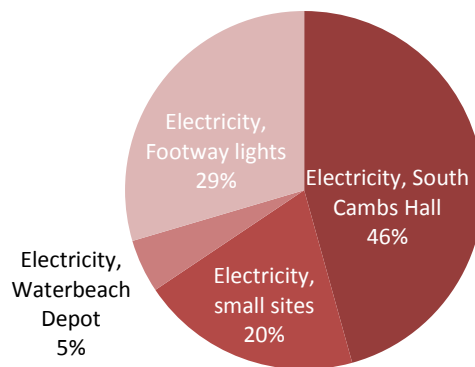
GHG emissions from SCDC Estate and Operations 2018-19
1872 tonnes CO₂e



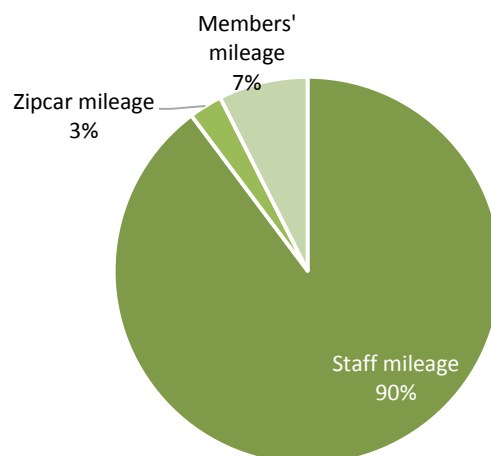
Scope 1 (direct emissions), 1345 tCO₂e



Scope 2 (indirect, electricity), 399 tCO₂e



Scope 3 (indirect, other), 127 tCO₂e



3 About the Council

South Cambridgeshire District Council is a non-metropolitan district authority and is responsible for providing a range of services to residents of South Cambridgeshire, visitors to the district, and businesses and other organisations based in the district. Services include housing, refuse and recycling collections, licensing, planning and building control, Council Tax collection, and environmental health services. The Council serves a population of 157519 living in 106 parishes and settlements, has 45 elected Members; and employed xxx members of staff as at 31 March 2019. Further information about the Council can be found on our website at www.scambs.gov.uk.

4 Reporting Period

1 April 2018 – 31 March 2019.

5 Approach

We have followed Government guidance, published by Defra at <https://www.gov.uk/guidance/measuring-and-reporting-environmental-impacts-guidance-for-businesses>.

6. Organisational Boundary

We have defined our organisational boundary following the Financial Control approach which means we have included operations which the Council owns and controls. Further detail on which operations or activities have been included within our organisational boundary for the purposes of compiling this greenhouse gas report is provided under 'Operational Scopes' below.

7. Operational Scopes

We have included Scope 1 and Scope 2 emissions for all properties and vehicles that we fully own and control and for properties that we lease from others, where the Council is delivering a service.

We reported Scope 3 emissions where we have access to comprehensive and reliable data; and where we have a degree of control over the operation/ activity in question. See the table below for details:

Table 4: Rationale for Inclusion and Exclusion of Emissions.

Source of Emissions	Included in reporting?	Reason for exclusion where applicable
Source 1 (Direct)		
Gas consumption in buildings we own and control	Yes	This includes our main office buildings, our three hub offices and our sheltered housing community rooms.
Gas consumption in buildings we lease to others	Partially	We have only included emissions arising from energy used in the communal areas of some of the buildings that we lease out (energy used in communal areas is provided

		and paid for by the Council). We have not included data on energy used in Council housing, Ermine Street Housing (the Council's private sector housing company), or in the commercial building, 140 Cambridge Science Park owned by the Council.
Gas consumption in buildings we lease from others	no	The Waterbeach Depot is the only building we lease from others. No gas is consumed on these premises.
Fuel consumption in owned transport	yes	Includes Shared Waste Services transport, eg refuse vehicles, operating in South Cambridgeshire; excludes Shared Waste Services transport operating in the City Council.
Process emissions	No	Not applicable
Fugitive emissions, eg from air conditioning units	No	Excluded due to difficulty and/or cost of obtaining data
Scope 2 (Indirect, energy)		
Purchased electricity; in buildings we own, occupy and control	Yes	This includes our main office buildings, our three hub offices and our sheltered housing community rooms
Purchased electricity in buildings we lease to others	partially	We have only included emissions arising from energy used in the communal areas of some of the buildings that we lease out (energy used in communal areas is provided and paid for by the Council). We do not have access to data on energy used by our tenants.
Purchased electricity in buildings we lease from others	Yes	Waterbeach depot
Purchased electricity used in street lighting owned by the Council		Around 1800 'footway lights'

Scope 3 (indirect, other)		
Purchased goods and services	No	Excluded due to difficulty and/or cost of obtaining data
Business travel	Yes	This includes mileage claimed by staff and Members; and travel using the Zipcar.
Commuter travel	No	Excluded due to difficulty and/or cost of obtaining data
Waste disposal	No	Excluded due to difficulty and/or cost of obtaining data
Water usage	No	Excluded due to difficulty and/or cost of obtaining data
Outsourced activities	No	

8 Conversion/ Emissions Factors Used

The emissions factors used to calculate the emissions in this Greenhouse Gas Report are those provided by BEIS (Department for Business, Energy & Industrial Strategy) and Defra (Department for Environment Food & Rural Affairs) titled: 'UK Government GHG Conversion Factors for Company Reporting' which is available at: www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2019

9. Geographical Breakdown

All of our operations and activities are carried out in the UK.

10 Baseline Year

As these are our first set of accounts, this is not applicable.

11. Base Year Recalculation Policy

See above

12 Intensity Measurement

We have included an intensity ratio of 'tonnes of CO₂e per resident of South Cambridgeshire, which is based on mid-year population statistics, produced in June 2019.

The dataset is at:

www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland.

13 External Assurance Statement

To be completed

14 Carbon Offsets

We have not purchased any carbon credits.

15 Purchased Green Tariffs – Reduction in tonnes of CO₂e per year

None in 2018-19.

16 Amount of Electricity Generated from Owned or Controlled Sources

Electricity generated from roof-mounted solar pv panels, owned by Cambourne Parish Council, may be included here, subject to data availability and advice as to whether they belong in the Council's accounts.

17 Amount of Heat Generated from Owned or Controlled Sources

Heat generated from roof-mounted solar thermal panels to be included here, subject to availability of data.

For further information about this report, please contact:

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