

## Carbon emissions report 2018 to 2019

### Introduction

The City Council adopted the Cities carbon reduction targets in the Environment and Climate Change Strategy 2010-2020. The Council is aiming to reduce its carbon emissions by 34-45% by 2020 from a 2005 baseline. The data in this report though has a baseline of 2007/8 because this is the date we have accurate information across our buildings and transport. Previous to this date information is only available for our buildings.

The data in the tables covers the Councils emissions from 95% of corporate buildings, schools<sup>1</sup> and street lighting, 100% of our staff mileage in their own cars while undertaking Council business and water.

Climate change poses a significant risk to the City Council and its administrative boundary. The Council has recognised these risks and this is an increasing part of the Councils risk assessment process. The Council has entered into several working relationships with lead companies in carbon reduction technologies and solutions.

In the last few years we have invested in photovoltaic installations at one of our libraries, car park and sports stadium, LED streetlighting to reduce energy use from the grid and carbon emissions. We also have a programme of improving the energy efficiency in our buildings as well as investing in electric vehicles.

GHG emissions data for period 1st April 2018 to 31st March 2019			
	Global tonnes of CO <sub>2</sub> e		
	2018/19	2017/18	Base Year 2007/08
Scope 1	10,914.69	10,770.80	24,599
Scope 2	8,050.43	12,128.32	29,699
Scope 3	742.52	444.33	683
<b>Total gross emissions</b>	<b>19,707.64</b>	<b>23,343.45</b>	<b>54,981</b>
Carbon offsets	0	0	0
Green tariff	0	0	0
<b>Total annual net emissions</b>	<b>19,707.64</b>	<b>23,343.45</b>	<b>54,981</b>

---

<sup>1</sup> Due to the growth in academy schools and difficulty in obtaining emissions data we have only reported emissions from schools maintained by the City Council.

## Company Information

Hull City Council is a Unitary Local Authority responsible for the geographical area of the City of Kingston upon Hull. The authority is based at The Guildhall, Alfred Gelder Street, Kingston upon Hull HU1 2AA.

Questions about this data can be emailed to [climate.change@hullcc.gov.uk](mailto:climate.change@hullcc.gov.uk)

## Reporting Period

This report covers the period 1st April 2018 – 31st March 2019

## Change in Emissions

The total emissions have decreased by 15.57% from last year which has been experienced primarily across Scopes 1 and 2. This equates to a decrease in carbon emissions of 3,635.81 tonnes of CO<sub>2</sub>e.

The Council's total carbon emissions represent a 64.15% reduction from our baseline year of 2007/8.

The significant decrease from the baseline has been influenced, alongside significant energy reduction activity, by a combination of impacts including the exclusion of schools from Scope 1 and 2 from 2016/17.

## Approach

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions.

## Organisational boundary

The emissions are those generated as a direct result of the activities of the City Council in the delivery of its local authority function including emissions from maintained schools.

## Operational scopes

We have measured our Scope 1, 2 and significant element of Scope 3.

	<b>GHG emissions 2018/19 in tonnes of CO<sub>2</sub>e</b>	<b>State specific exclusions and % this represents for relevant scope (excluding geographic exclusions)</b>
<b>Scope 1</b>		
Heating fuel consumption	7,619.80	
Owned transport	3,294.89	
Process emissions	0	
Fugitive emissions	0	Excluded, due to cost of data collection. These are expected to be <0.1% of total Scope 1 emissions
<b>Total Scope 1</b>	<b>10,914.69</b>	
<b>Scope 2</b>		
Purchased Electricity	8050.43	

<b>Total Scope 2</b>	<b>8050.43</b>	
<b>Significant scope 3</b>		
Business travel	432.05 <sup>2</sup>	
Water	310.47	
Employee commuting	0	Not recorded
Waste Disposal	0	Not recorded
<b>Total significant scope 3</b>	<b>444.43</b>	

### **Base Year**

We have established a baseline year of 2007/8 for reporting under this framework. While the Council has accurate data for emissions from its buildings back to 2000 this level of data is not available for our grey fleet and therefore would not provide an accurate baseline year across all Scope's using this framework.

### **Targets**

Our emissions reduction target is to reduce our carbon emissions by 34-45% by 2020 from a 2005 baseline across the Scope elements recorded above.

### **Intensity Measurement**

We have used the Department of Climate Change approved methodology for establishing the carbon intensity of the different fuel types used by the Council. We have expressed this in tonnes of carbon.

### **External Assurance Statement**

We have not undertaken an external assessment of our carbon emission declaration.

### **Carbon offsets**

The Council has not purchased any carbon credits for its emissions during the period of the report.

### **Green tariffs**

The Council has not purchased any of its energy from green tariffs during the period of the report

---

<sup>2</sup> As car size and fuel type is not specified in the data provided by Hull City Council, the conversion factor used from the table is set to "average car" and fuel "unknown".