



Annual Greenhouse Gas Emissions Report 2019-2020

Introduction

Climate Change is the greatest environment challenge facing the world today. Braintree District Council is committed to a cleaner and greener environment, by reducing its carbon footprint and supporting residents and local businesses to do as much as possible at a local level to reduce the impacts of climate change.

Approach

This report details the emissions arising from the activities of Braintree District Council in 2019-2020 and follows the guidance set out by the Department of Energy and Climate Change and the Department for the Environment, Food and Rural Affairs.

Emissions Summary including Baseline Year

Tonnes CO₂e

	2019/2020	2018/2019	2017/2018	2016/2017	2015/2016	2014/2015	Baseline Year 2005/2006
Scope 1	2637	2,576	2,537	2,594	2,650	1,603	4,108
Scope 2	615	673	696	1,002	1,189	1,919	1,448
Scope 3	29	41	69	79	50	11	899
TOTAL ANNUAL NET EMISSIONS	3,281	3,290	3,302	3,675	3,889	3,533	6,455

Operational Scopes

- **Scope 1**
 - Heating fuel for buildings
 - Owned transport fleet
- **Scope 2**
 - Grid electricity used in buildings and for street lighting
- **Scope 3**
 - Staff business travel

Emissions including Baseline Year

Tonnes CO₂e

	2019/2020	2018/2019	2017/2018	2016/2017	2015/2016	Baseline Year 2005/2006
Scope 1						
Natural Gas	1058	1004	959	1,008	939	2,256
Vehicle Fleet	1579	1572	1578	1586	1,711	1,852
TOTAL SCOPE 1	2,637	2,576	2,537	2,594	2,650	4,108
Scope 2						
Purchased electricity	734	788	827	1,168	1,357	1,448
Solar PV Carbon Offset	-119	- 115	-131	-166	- 168	
TOTAL SCOPE 2	615	673	696	1,002	1,189	1,448
Scope 3						
Business Travel	29	41	69	79	50	899
TOTAL SCOPE 3	29	41	69	79	50	899
TOTAL EMISSIONS	3,281	3,290	3,302	3,675	3,889	6,455

Company Information

Braintree District Council, Causeway House, Bocking End, Braintree, Essex, CM7 9HB

Reporting Period

The reporting period is 1st April 2019 to 31st March 2020.

Geographic Breakdown

All of Braintree District Council's activities and operations fall within the UK and have therefore been included within this report, in line with the DEFRA reporting methodology.

Changes in Emissions

Braintree District Council's CO₂e emissions have fallen by 0.3% since 2018/2019. A number of factors have contributed to this figure including continued efficient use of buildings. We experienced lower solar energy generation in 2019-20 which offsets electricity consumption in estate buildings and therefore limited the reduction in CO₂ emissions. When the data is available we expect to see the 2020-2021 figure substantially lower due to limited building occupation over the COVID pandemic.