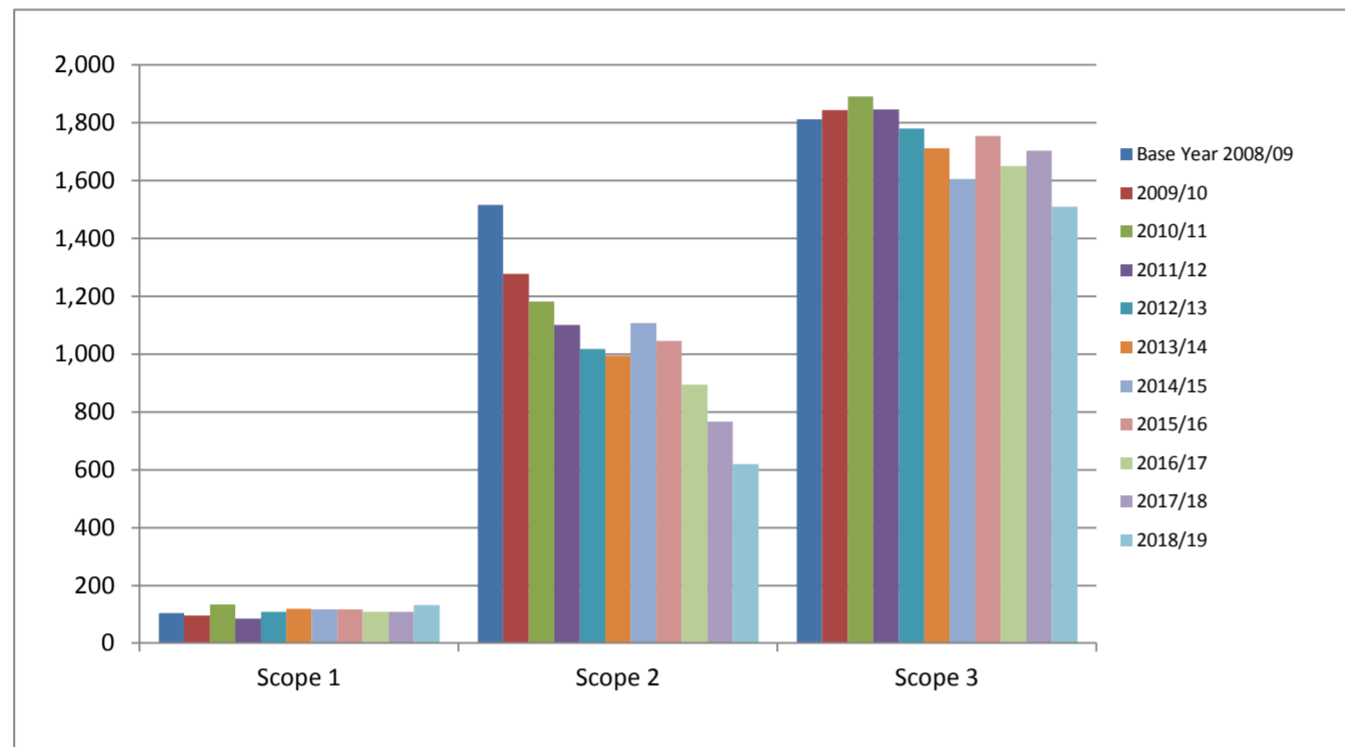


## GHG Emission data for period 1 April 2008 to 31 March 2019

### Global Tonnes of CO<sub>2</sub>e

	<u>Base Year</u>											
	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	
<b>Scope 1</b>	105	96	134	85	108	119	116	116	108	109	132	
<b>Scope 2</b>	1,516	1,277	1,182	1,101	1,018	995	1,107	1,046	895	767	620	
<b>Scope 3</b>	1,812	1,844	1,891	1,847	1,780	1,712	1,606	1,756	1,651	1,703	1,509	
<b>Electricity Generated from Solar Panels (Since Feb 2012)</b>				-3	-42	-42	-46	-34	-30	-31	-16	
<b>Total Gross Emissions</b>	<b>3,433</b>	<b>3,217</b>	<b>3,207</b>	<b>3,030</b>	<b>2,864</b>	<b>2,783</b>	<b>2,783</b>	<b>2,883</b>	<b>2,624</b>	<b>2,548</b>	<b>2,245</b>	
<b>Percentage Reduction/Increase</b>	-	-7%	-	-6%	-6%	-3%	-	3.5%	-9%	-3%	-12%	
<b>Outside of Scopes</b>						<1	<1	<1	<1	<1	<1	Year - 12%
<b>Total Gross Emissions</b>	<b>3,433</b>	<b>3,217</b>	<b>3,207</b>	<b>3,030</b>	<b>2,864</b>	<b>2,783</b>	<b>2,783</b>	<b>2,883</b>	<b>2,624</b>	<b>2,548</b>	<b>2,245</b>	<b>Overall -35%</b>



#### 1. Company Information

Chiltern District Council, King George V House, King George V Road, Amersham, Bucks HP6 5AW  
 Chief Executive: Bob Smith  
 Contact: Ben Coakley Tel: 01494 732060 Email: bcoakley@chiltern.gov.uk or Debbie Cole Tel: 01494 732266 Email: dcole@chiltern.gov.uk

#### 2. Reporting Period

1st April 2018 to 31st March 2019

#### 3. Change in Emissions

Chiltern has made a public commitment through the signing of the Climate Change Declaration. Following both senior management and Councillor support, the Council's aims and objectives have also been specifically changed to reflect the importance of mitigating and adapting to climate change. A comprehensive Climate Change Strategy and actions have been developed in order to monitor and reduce our carbon emissions. We also work in partnership with the other Authorities of Bucks to mitigate and adapt to climate change.

#### 4. Approach

We have followed the Government's Guidance on how to measure and report greenhouse gas emissions. This builds upon the extensive work undertaken for the former NI185 national indicator and the Bucks wide LAA target.

**5. Organisational Boundary**

We are a Local Authority and have generally used 'the financial

**6. Operational Scopes**

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

**7. Geographic Breakdown**

All operations are in the UK:	Council Offices in Amersham	Bucks
	Leisure Centres in	Bucks
	Amenities Depot in	Bucks
		Bucks

**8. Base Year**

Our Base Year is 2008 which we set using a fixed base year approach

**9. Targets**

In addition to the significant reductions already achieved since 2008;

For Scope 1 we are aiming for a 4% reduction over the next three years with a view to being carbon neutral by 2050

For Scope 2 we are aiming for 4% reduction over the next three years with a view to being carbon neutral by 2050

**10. External Assurance Statement**

This report is subject to internal audit and review.

**11. Electricity Generation Note**

\* Chiltern generates electricity at the Council Offices, Chesham Leisure Centre and Amersham Multi-Storey Car Park. **57,120** kWh of electricity generated by solar panels at these sites for this period and this equates to a reduction in emissions of 16,169 kg of CO<sub>2</sub>e or 16 **Tonnes** of CO<sub>2</sub>e

	GHG Emissions 2008/09 in kg of CO <sub>2</sub> e	GHG Emissions 2009/10 in kg of CO <sub>2</sub> e	GHG Emissions 2010/11 in kg of CO <sub>2</sub> e	GHG Emissions 2011/12 in kg of CO <sub>2</sub> e	GHG Emissions 2012/13 in kg of CO <sub>2</sub> e	GHG Emissions 2013/14 in kg of CO <sub>2</sub> e	GHG Emissions 2014/15 in kg of CO <sub>2</sub> e	GHG Emissions 2015/16 in kg of CO <sub>2</sub> e	GHG Emissions 2016/17 in kg of CO <sub>2</sub> e
<b>Scope 1</b>									
Gas consumption - Council Office *	86,126	76,522	112,587	70,771	97,108	99,653	94,515	96,321	91,204
Transport - Parking Vehicles - Petrol/Diesel/LPG	7,336	7,172	9,361	9,836	6,341	14,340	15,837	19,774	16,436
Air Conditioning - Council Offices	11,788	11,892	12,037	4,230	4,230	4,661	5,963	0	0
<b>Total Scope 1</b>	<b>105,250</b>	<b>95,586</b>	<b>133,985</b>	<b>84,837</b>	<b>107,679</b>	<b>118,654</b>	<b>116,315</b>	<b>116,095</b>	<b>107,640</b>
<b>Scope 2</b>									
Purchased electricity - Council Offices	325,123	177,377	146,741	114,644	105,665	110,476	126,360	134,943	111,449
Purchased electricity - Leisure Centres	1,064,316	988,750	957,646	917,095	845,196	823,562	912,144	844,466	722,816
Purchased electricity - Papersort	15,295	11,888	14,329	9,454	8,069	0	0	0	0
Purchased electricity - MSCP	83,946	73,654	40,229	40,408	36,439	39,347	43,787	42,626	39,593
Purchased electricity - Pub Conveniences	27,218	25,161	22,872	18,934	22,800	21,759	24,573	23,620	21,320
<b>Total Scope 2</b>	<b>1,515,898</b>	<b>1,276,830</b>	<b>1,181,817</b>	<b>1,100,535</b>	<b>1,018,169</b>	<b>995,144</b>	<b>1,106,864</b>	<b>1,045,654</b>	<b>895,177</b>
<b>Significant Scope 3</b>									
Gas Consumption - Leisure Centres *	1,336,742	1,338,820	1,389,910	1,341,241	1,280,079	1,155,763	1,096,495	1,216,752	1,159,626
Water - Council Offices	370	302	391	334	348	346	389	367	378
Water - Leisure Centres	10,547	10,054	9,943	11,783	11,218	16,239	11,592	14,648	12,527
Water - Public Conveniences	576	698	578	719	617	756	835	945	930
Transport - CDC Business Mileage - Petrol	42,075	30,631	35,282	39,721	50,534	58,397	56,010	47,925	30,519
Transport - CDC Business Mileage - Hybrid	0	0	0	0	0	0	0	0	0
Transport - GLL Mileage - Petrol only	15,058	23,048	20,018	11,748	7,615	3,763	4,076	6,184	6,654
Transport - CDC Business Mileage - Diesel	13,333	14,378	8,688	5,845	3,968	1,073	198	0	16,105
Transport - Serco Mileage - Cars - Diesel only	31,099	46,245	45,720	43,404	41,925	55,787	55,821	21,099	12,371
Transport - TBS - Dog Waste Mileage - Diesel only	3,516	9,817	9,199	9,327	9,675	9,625	9,434	0	0
Transport - Serco Mileage - HGVs - Diesel only	358,791	369,533	371,584	383,032	373,997	409,858	370,728	447,707	412,308
Waste Disposal **	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Sub - Total Scope 3</b>	<b>1,812,107</b>	<b>1,843,526</b>	<b>1,891,313</b>	<b>1,847,154</b>	<b>1,779,975</b>	<b>1,711,607</b>	<b>1,605,578</b>	<b>1,755,627</b>	<b>1,651,418</b>
<b>Out of Scope</b>						355	390	660	382
<b>Grand Total</b>	<b>3,433,256</b>	<b>3,215,942</b>	<b>3,207,115</b>	<b>3,032,526</b>	<b>2,905,823</b>	<b>2,825,760</b>	<b>2,829,147</b>	<b>2,918,037</b>	<b>2,654,617</b>
<b>Energy Generation from PV panels</b>				- 3,034.00 -	42,226.00 -	42,136.00 -	45,898.00 -	34,135.00 -	30,137.00
<b>Total</b>	<b>3,433,256</b>	<b>3,215,942</b>	<b>3,207,115</b>	<b>3,029,492</b>	<b>2,863,597</b>	<b>2,783,624</b>	<b>2,783,249</b>	<b>2,883,902</b>	<b>2,624,480</b>

\* This data is not weather corrected

\*\* This data is not captured

Electricity Generated - Solar Panels

Council Offices

31/03/18 = 279107 and 31/3/19 = 320141 = 41,034

-41,034

-11615