



Carbon Emissions Data 2017/18

Cotswold District Council

Summary – Carbon Emissions Data (tCO₂)

Scope	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
One	2,069	1,848	1,846	1,785	1,784	1,719	1,824	1,643
Two	1,237	1,141	1,094	1,103	1,016	958	918	778
Three	220	283	206	221	225	175	179	182
Gross emissions	3,526	3,272	3,146	3,109	3,025	2,852	2,921	2,603
Carbon offsets								
Green tariff								
Total emissions	3,526	3,272	3,146	3,109	3,025	2,852	2,921	2,603

Scope	2017/18
One	1,348
Two	697
Three	170
Gross emissions	2,214
Carbon offsets	
Green tariff	
Total emissions	2,214

Supporting Notes

- 1. Organisation information:** Cotswold District Council, Council Offices, Trinity Road, Cirencester, Gloucestershire, GL7 1PX
- 2. Reporting period:** 01 April 2017 – 31 March 2018
- 3. Reporting tool:** Defra/DECC's guidelines "June 2013 environmental reporting guidance and the GHG conversion factors web based tool". GHG Conversion Factors have been used for the calculations.
- 4. Approach:** Council has followed the Government's guidance on how to measure and report greenhouse gas emissions.
- 5. Operational scopes:** Cotswold District Council has measured its scope 1, 2 and 3 emissions as follow

		CO ₂ (kg)							
Scope	Source	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
One	Gas consumption	730,836	682,850	537,108	581,812	629,376	615,137	631,335	584,423
	Liquid Fuel - Fleet	38,906	36,889	38,339	21,994	14,263	17,956	15,842	8,461
	Liquid Fuel - Waste	1,299,699	1,128,025	1,270,348	1,180,766	1,139,933	1,086,148	1,176,738	1,049,955
	Total Scope 1	2,069,441	1,847,764	1,845,795	1,784,572	1,783,572	1,719,241	1,823,916	1,642,839
Two	Purchased electricity	1,237,021	1,141,147	1,093,760	1,103,260	1,016,332	957,962	917,652	778,096
	Total Scope 2	1,237,021	1,141,147	1,093,760	1,103,260	1,016,332	957,962	917,652	778,096
Three	Business travel – Staff mileage	121,466	190,636	112,233	133,279	138,305	90,966	103,571	111,263
	Business travel - Rail	1,072	815	388	366	212	389	213	209
	Electricity T&D	97,945	91,895	93,458	87,163	86,911	83,773	75,774	70,387
	Total Scope 3	220,483	283,346	206,079	220,808	225,428	175,128	179,557	181,858
	Total emissions	3,526,945	3,272,258	3,145,634	3,108,640	3,025,332	2,852,331	2,921,125	2,602,794

Scope	Source	2017/18
One	Gas consumption	411,970
	Liquid Fuel - Fleet	133,900
	Liquid Fuel - Waste	802,173
	Total Scope 1	1,348,043
Two	Purchased electricity	696,630
	Total Scope 2	696,630
Three	Business travel – Staff mileage	104,615
	Business travel - Rail	0**
	Electricity T&D	65,120
	Total Scope 3	169,735
	Total emissions	2,214,408

* Numbers may not add up because of rounding

** Data not available

6. **Base year:** 2009/10

7. **Targets:** Cotswold District Council previous target was to reduce the CO₂ emissions from its service provision activities by 25% against the baseline by 2016/17.

8. **Change in emissions:** For 2017 /18 Carbon Dioxide Emissions (CO₂)

- 37.2% reduction against the baseline year (2009/10)
- 14.9%%reduction against the previous year (2016/17)

9. **Additional information:** Fleet now includes waste contractor fleet vehicles.

10. **Additional information:** Staff moved over to Publica therefore staff business travel is calculated using the mileage from retained staff and from staff previously employed by CDC.

11. Audit: Data maybe subject to change following internal audit.

12. Council contact: Louise Croot, Shared Energy & Resources Officer,
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