

Carbon data	Baseline Year	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17		
CO <sub>2</sub> e emissions due to electricity consumption tonnes (annual conversion factors)		8,191	9,868	10,682	10,604	10,102	9,231	8,551	10,980	12,227	11,240	9,875	9,000	
CO <sub>2</sub> e emissions due to oil consumption tonnes (annual conversion factors)		387	242	-	-	-	-	-	-	-	-	-	-	
CO <sub>2</sub> e emissions due to natural gas consumption tonnes (annual conversion factors)		4,648	3,294	3,897	4,333	4,696	4,060	3,791	5,766	5,242	5,472	4,433	5,979	
CO <sub>2</sub> e emissions due to fossil fuels consumption tonnes (annual conversion factors)		5,034	3,535	3,897	4,333	4,696	4,060	3,791	5,766	5,242	5,472	4,433	5,979	
Total absolute CO <sub>2</sub> e emissions from energy consumption tonnes (annual conversion factors)		13,612	13,645	14,578	14,937	14,798	13,291	12,342	16,746	17,469	16,712	14,308	14,980	
CO <sub>2</sub> e emissions due to refrigerant gases tonnes (annual conversion factors) CO <sub>2</sub> e		no data	no data	no data	no data	no data	no data	-	15.6	8.9	9.4	-	253.6	
CO <sub>2</sub> e emissions due to UWE-owned fleet using diesel tonnes CO <sub>2</sub> e		no data	no data	no data	no data	no data	no data	35.7	36.0	36.0	35.7	36.1	36.0	
CO <sub>2</sub> e emissions due to UWE-owned fleet using petrol tonnes CO <sub>2</sub> e		no data	no data	no data	no data	no data	no data	2.8	2.8	2.8	2.8	2.8	2.8	
CO <sub>2</sub> e emissions from diesel used by grounds team tonnes CO <sub>2</sub> e		no data	no data	no data	no data	no data	no data	10.4	10.5	10.5	10.4	10.6	10.5	
<b>Total Scope 1 &amp; 2 emissions data tonnes CO<sub>2</sub>e</b>								<b>12,391</b>	<b>16,811</b>	<b>17,528</b>	<b>16,770</b>	<b>14,357</b>	<b>15,282</b>	
CO <sub>2</sub> e emissions from water supply and treatment (Scope 3) tonnes CO <sub>2</sub> e								221	241	286	330	332	348	
CO <sub>2</sub> e emissions from student commuting (Scope 3) tonnes CO <sub>2</sub> e											64.00	awaiting data	awaiting data	
CO <sub>2</sub> e emissions from staff commuting (Scope 3) tonnes CO <sub>2</sub> e											116.00	awaiting data	awaiting data	
CO <sub>2</sub> e emissions from student travel between home and university at start and end of term (Scope 3) tonnes CO <sub>2</sub> e												no data	awaiting data	awaiting data
CO <sub>2</sub> e emissions from business travel (Scope 3) tonnes CO <sub>2</sub> e												Inc in procurement figure	awaiting data	awaiting data
CO <sub>2</sub> e emissions from waste (excluding construction) (Scope 3) tonnes CO <sub>2</sub> e												69.00	awaiting data	awaiting data
CO <sub>2</sub> e emissions from construction waste (Scope 3) tonnes CO <sub>2</sub> e												-	awaiting data	awaiting data
CO <sub>2</sub> e emissions from procurement - excluding construction (excl utilities) (Scope 3) tonnes CO <sub>2</sub> e												22,945.00	awaiting data	awaiting data
CO <sub>2</sub> e emissions from construction procurement (excl utilities) (Scope 3) tonnes CO <sub>2</sub> e												15,865.00	awaiting data	awaiting data
<b>Total Scope 3 emissions data tonnes CO<sub>2</sub>e</b>											<b>39,389</b>	<b>332</b>	<b>348</b>	
Residential / non-residential split	Baseline Year	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17		
CO <sub>2</sub> emissions from grid electricity - residential use tonnes CO <sub>2</sub> e												2,377.70	2,150.96	
CO <sub>2</sub> emissions from grid electricity - non-residential use tonnes CO <sub>2</sub> e												7,497.35	6,662.78	
CO <sub>2</sub> emissions from gas - residential use tonnes CO <sub>2</sub> e												1,165.20	1,493.75	
CO <sub>2</sub> emissions from gas - non-residential use tonnes CO <sub>2</sub> e												3,267.70	4,485.45	
CO <sub>2</sub> emissions from water (Scope 3) - residential use tonnes CO <sub>2</sub> e												159.54	167.43	
CO <sub>2</sub> emissions from water (Scope 3) - non-residential use tonnes CO <sub>2</sub> e												170.84	180.07	
Corrected data	Baseline Year	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17		
CO <sub>2</sub> e emissions from electricity consumption kg CO <sub>2</sub> e (DD corrected)		8,191,200	10,378,692	10,810,677	10,553,241	10,014,822	9,157,755	8,775,274	10,823,687	12,623,225	11,423,542	10,219,024	9,354,768	
CO <sub>2</sub> e emissions from natural gas consumption kg CO <sub>2</sub> e (DD corrected)		4,647,938	3,975,451	4,084,593	4,250,601	4,534,021	3,931,269	4,187,721	5,437,670	5,920,613	5,763,329	4,994,283	6,574,515	
CO <sub>2</sub> e emissions from oil consumption kg CO <sub>2</sub> e (DD corrected)		386,536	304,031	-	-	-	-	-	-	-	-	-	-	
Total CO <sub>2</sub> e emissions kg CO <sub>2</sub> e (DD corrected)		13,225,674	14,658,173	14,895,270	14,803,842	14,548,843	13,089,024	12,962,994	16,261,357	18,543,839	17,186,871	15,213,307	15,929,283	
Total CO <sub>2</sub> e emissions kg CO <sub>2</sub> e (DD corrected) / GIA m <sup>2</sup>		86	72	72	71	65	57	55	65	72	66	56	50	
Total CO <sub>2</sub> e emissions kg CO <sub>2</sub> e (DD corrected) / staff and student FTE		534	591	599	590	561	524	516	713	809	747	622	640	