

	2016/17	2017/18	2018/19	2019/20	2020/21
Finances & People					
Total staff FTE	5215	5370	5490	5695	5,548
Teaching Student FTE	21130	23285	23915	24255	23,678
Research Student FTE	1585	1585	1665	1885	1,993
Buildings & Spaces					
Number of buildings	213	217	217	217	216
Total site area (ha)	247	247	247	247	247
Total grounds area (ha)	83	83	83	83	83
Total grounds are water (ha)	1	1	1	1	1
Total playing fields area (ha)	19	19	19	19	19
Gross Internal Area (m2)	474,206	490,206	488,867	497,985	489,852
Non residential Gross Internal Area in DEC or EPC Category A (m2)	45,247	42,871	29,492	10,543	36,389
Non residential Gross Internal Area in DEC or EPC Category B (m2)	42,366	37,376	32,920	119,391	151,711
Non residential Gross Internal Area in DEC or EPC Category C (m2)	186,251	108,126	133,179	135,929	124,322
Non residential Gross Internal Area in DEC or EPC Category D (m2)	65,208	119,839	46,349	50,921	9,501
Non residential Gross Internal Area in DEC or EPC Category E (m2)	-	33,987	64,066	22,517	10,597
Non residential Gross Internal Area in DEC or EPC Category F (m2)	4,514	-	17,964	6,097	6,097
Non residential Gross Internal Area in DEC or EPC Category G (m2)	10,741	13,611	27,903	13,974	13,974
Residential Gross Internal Area in DEC or EPC Category A (m2)	69,881	67,383	35,674	69,162	51,032
Residential Gross Internal Area in DEC or EPC Category B (m2)	5,613	30,494	53,926	50,997	39,127
Residential Gross Internal Area in DEC or EPC Category C (m2)	-	-	-	-	-
Residential Gross Internal Area in DEC or EPC Category D (m2)	12,286	16,845	-	-	-
Residential Gross Internal Area in DEC or EPC Category E (m2)	2,922	-	-	-	-
Residential Gross Internal Area in DEC or EPC Category F (m2)	10,681	3,458	-	-	-
Residential Gross Internal Area in DEC or EPC Category G (m2)	18,243	-	-	-	-
Energy					
Total Energy consumption (kWh)	236,895,642	206,178,530	223,189,858	153,661,828	168,708,779
Natural Gas - excluding CHP (kWh)	66,806,611	55,780,046	73,522,154	14,310,607	14,627,613
Natural Gas - CHP (kWh)	135,315,098	145,718,448	109,550,047	175,214,167	181,889,843
Grid Electricity (kWh)	25,277,855	20,668,543	27,495,426	18,611,443	14,494,375
Heat from CHP (kWh)	87,784,106	79,113,555	78,297,243	72,864,797	88,062,538
Electricity from CHP (kWh)	56,933,873	50,545,029	43,771,916	47,816,843	51,516,962
Total energy generated by onsite CHP (kWh)	141,181,133	145,179,821	128,982,077	134,645,561	139,579,501
Onsite PV (kWh)	93,197	71,358	103,119	58,138	7,921
Fuel used in university owned vehicles - diesel (l)	36,641	37,521	40,978	30,498	27,390
Fuel used in university owned vehicles - petrol (l)	3,398	3,363	5,298	3,507	3,306
Total water consumption (m3)	320,914	321,628	319,348	294,056	265,681

Total water supply grey water and rain water (m3)	-	-	-	-	-
Total water borehole extraction (m3)	-	-	-	-	-
Borehole water used for irrigation (%)	-	-	-	-	-
Emissions and waste					
Total Scope 1 & 2 carbon emissions (kgco2e)	46,212,159	43,024,282	40,803,660	39,272,244	39,147,791
Scope 1 & 2 carbon emissions - natural gas (kgco2e)	37,222,734	37,067,663	33,657,824	34,847,920	35,994,137
Scope 1 & 2 carbon emissions - grid electricity (kgco2e)	8,886,683	5,850,645	7,027,831	4,339,072	3,077,591
Scope 1 & 2 carbon emissions - vehicle diesel (kgco2e)	95,272	98,565	106,301	77,649	68,813
Scope 1 & 2 carbon emissions - vehicle petrol (kgco2e)	7,470	7,409	11,703	7,603	7,251
Scope 3 carbon emissions - business travel - air (tCO2e)	1,708	1,702	1,702	1,250	-
Scope 3 carbon emissions - business travel - rail (tCO2e)	53	53	53	50	-
Scope 3 carbon emissions - business travel - grey fleet (tCO2e)	149	150	150	150	-
Scope 3 carbon emissions - staff commute - rail (tCO2e)	139,991	139,991	139,991	140,000	-
Scope 3 carbon emissions - staff commute - bus (tCO2e)	89,405	89,405	89,405	9,000	-
Scope 3 carbon emissions - staff commute - car (tCO2e)	908,230	908,230	908,230	910,000	-
Scope 3 carbon emissions - staff commute - taxi (tCO2e)	277	277	277	280	-
Scope 3 carbon emissions - staff commute - motorcycle (tCO2e)	8,604	8,604	8,604	8,650	-
Total scope 3 carbon emissions - waste (tco2e)	3,942	3,942	3,942	3,940	72.86
Total scope 3 carbon emissions - water supply (tco2e)	110	111	110	101	40
Total scope 3 carbon emissions - wastewater treatment (tco2e)	228	230	222	204	71
Scope 3 carbon emissions - supply chain - business services (tco2e)	18,655	17,013	15,766	12,495	8,325
Scope 3 carbon emissions - supply chain - paper products (tco2e)	2,342	1,831	1,412	1,104	1,175
Scope 3 carbon emissions - supply chain - other manufactured products (tco2e)	12,577	20,829	2,961	2,435	6,300
Scope 3 carbon emissions - supply chain - manufactured fuels, chemicals and gases (tco2e)	2,307	3,060	235	244	1,150
Scope 3 carbon emissions - supply chain - food and catering (tco2e)	3,993	11,768	635	708	2,000
Scope 3 carbon emissions - supply chain - construction (tco2e)	12,311	12,192	15,009	4,039	6,150
Scope 3 carbon emissions - supply chain - ICT (tco2e)	1,503	7,802	25,483	21,020	750
Scope 3 carbon emissions - supply chain - waste and water (tco2e)		2,794			1,225

Scope 3 carbon emissions - supply chain - medical and precision instruments (tco2e)	8,277	6,679	66,271	55,879	4,150
Scope 3 carbon emissions - supply chain - other procurement (tco2e)	11,830	12,909	2,588	1,722	5,925
Scope 3 carbon emissions - supply chain - unclassified (tco2e)	1,325	4,479	737	381	652
Total hazardous waste (tonnes)	241	241	241	241	241
Total waste mass (tonnes)	3,315	3,359	3,374	3,425	1,712
Total waste mass - recycled (tonnes)	1,016	1,030	1,040	1,050	525
Total waste mass - used to create energy (tonnes)	2,299	2,329	2,335	2,375	1,187
Other works waste mass - total (tonnes)	1,400	1,400	1,400	1,425	712
Other works waste mass - recycled (tonnes)	525	525	525	550	275
Other works waste mass - used to create energy (tonnes)	875	875	874	875	437
Total volume of wastewater (m3)	322,382	325,305	312,961	288,176	260,367
Transport and Environment					
Percentage modal split for commuting by staff single occupancy car journey (%)	31	38	38	38	37
Percentage modal split for commuting by staff car share (%)	14	8	8	8	8
Percentage modal split for commuting by staff bus (%)	12	14	14	14	15
Percentage modal split for commuting by staff train (%)	24	25	25	25	25
Percentage modal split for commuting by staff cycle (%)	9	7	7	7	7
Percentage modal split for commuting by staff walk (%)	10	7	7	7	7
Percentage modal split for commuting by staff motorbike (%)	1	1	1	1	1
Percentage modal split for commuting by staff other (%)	-	1	1	1	0.0
Number of car parking spaces	1,867	1,900	1,890	1,890	1,890
Number of electric charging bays	-	-	-	-	-
Number of cycle spaces	713	745	755	755	755
EMS external verification	-	ISO 14001	ISO 14001	ISO 14001	ISO 14001
Fairtrade accreditation	yes	yes	working towards	working towards	no

Non Residential Information					
	2016/17	2017/18	2018/19	2019/20	2020/21
Non residential energy consumption (kWh)	210,180,620	177,556,385	195,661,371	138,204,903	149,651,465
Non residential water consumption (m3)	209,081	185,303	189,927	185,127	156,587

Non residential volume of wastewater (m3)	209,813	213,416	186,129	181,425	153,455
Non residential waste mass - total (tonnes)	1,159	1,189	1,195	1,200	600
Non residential waste mass - recycled (tonnes)	344	351	355	350	175
Non residential waste mass - used to create energy (tonnes)	815	838	840	850	425
Non residential scope 1 & 2 carbon emissions (kgco2e)	39,457,974	38,415,050	36,199,925	35,094,874	32,483,939
Non residential scope 3 carbon emissions - water supply (tco2e)	72	64	65	64	23
Non residential scope 3 carbon emissions - waste (tco2e)	23,856	23,856	23,856	2,385	1,193

Residential Information					
	2016/17	2017/18	2018/19	2019/20	2020/21
Residential energy consumption (kWh)	26,715,022	28,622,145	27,528,487	15,456,925	19,057,314
Residential water consumption (m3)	111,833	136,325	129,421	108,929	109,094
Residential volume of wastewater (m3)	112,569	111,889	126,832	106,751.00	106,912
Residential waste mass - total (tonnes)	756	770	780	800	400
Residential waste mass - recycled (tonnes)	147	154	160	150	75
Residential waste mass - used to create energy (tonnes)	609	616	620	650	325
Residential scope 1 & 2 carbon emissions (kgco2e)	6,651,443	4,503,258	4,485,730	4,092,118	4,413,536
Residential scope 3 carbon emissions - water supply (tco2e)	38	47	45	37	16
Residential scope 3 carbon emissions - waste (tCO2e)	15,561	15,561	15,561	1,555	753