

Key Performance Indicators (KPIs)

	Priority Topics	Target	Unit	Baseline	Baseline Year	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	Progress	Key initiatives
Our buildings and their sustainability impacts													
Resource Use	Electricity from grid	Reduce scope 1 and 2 CO ₂ e emissions by 43% by 2020, compared to 2005/06 baseline.	kWh	68,616,841	2005/06	61,021,046	65,519,884	67,528,476	68,511,946	70,806,839	58,045,452	Positive	The Energy team continues to implement efficiency projects using Salix grants such as LED lights at Strand and Waterloo. Planned projects include extensions of photovoltaics at Honor Oak Park, as well as a major heat decarbonisation plan. Covid-19 also had a significant impact on our energy consumption.
	Gas excluding CHP input		kWh	59,894,645	2005/06	53,044,335	50,806,725	50,741,375	58,071,119	54,937,305	46,243,312		
	Gas for CHP input		kWh	0	2005/06	1,941,016	5,034,160	6,178,156	2,577,437	2,418,336	2,368,124		
	Gas oil (and diesel)		kWh	5,372,558	2005/06	0	297,000	39,612	240,262	120,755	29,367		
	Heat		kWh	31,418,485	2005/06	4,753,486	8,011,243	11,253,079	10,790,913	11,054,022	11,745,207		
	Energy (heat and electricity) generated/consumed from onsite CHP		kWh	0	2005/06	1,343,110	3,241,868	3,233,724	1,909,193	1,813,733	955,762		
	Energy generated/consumed from onsite photovoltaic		kWh	0	2005/06	6,000	95,753	143,142	123,448	117,276	57,731		Metering issues mean accurate data was unavailable and estimates are reported.
	Vehicle fuel		Litres	Not recorded	2005/06	3095	8492	8043	9278	10743	8847		Plans to switch to electric vehicles have not yet been carried out.
	Water use	Reduce water use by 2% year on year per FTE.	m ³	288,596	2013/14	385,252	329,409	338,627	407,367	332,336	646,705	Negative	Continued issues with our water supplier mean we do not have access to meter readings, and instead report on invoice estimates which have
	Water use per FTE		m ³	10.3	2013/14	13.3	10.8	10.4	11.8	9.3	17.3		
	Renewable electricity as % of directly purchased electricity	Net Zero Carbon by 2025	%	0	2005/06	0	0	0	85%	100%	100%	No change	Our directly purchased electricity continues to be 100% UK wind power, including from a Power Purchase Agreement signed in 2018.
	Renewable electricity as % of all purchased electricity			0	2005/06	0	0	0	54%	61%	58%		
Waste	Total waste	No target defined yet.	Tonnes	3,559	2013/14	1,206	2,864	4,322	3,246	2,932	3,387	Positive	Overall waste has increased due to higher construction waste in 2019/20.
	Operational waste		Tonnes	3,559	2013/14	1,174	2,641	2,434	2,398	2,245	1,563		Our operational waste has decreased significantly due to Covid-19.

	Operational recycling and reuse rate	Recycling rate of 70% for 2019/20		46%	2015/16	Not recorded	46%	45%	47%	55%	64%	Positive	Further improvements managed by our Waste to Resource Project Coordinator increased our recycling rate.
Buildings Design	Sustainable building standards	BREEAM to be carried out on all new buildings and major refurbishments: new buildings to achieve "Excellent", major refurbishments to achieve "Very Good".				Maurice Wohl Clinical Neuroscience Institute assessed as "Excellent" at design stage.	Champion Hill assessed as "Outstanding" for new buildings and "Excellent" for existing building at design stage.	No BREEAM carried out for projects.	No BREEAM carried out for projects.	No BREEAM carried out for projects.	Some projects worked towards SKA Assessment, such as the Macadam Building. Some projects targeting BREEAM Excellent and SKA Gold currently in planning stages.	Positive	Many capital projects are currently on hold, but SKA assessments are increasingly being used for smaller projects.
Campus-wide long-term planning and target setting													
Carbon*	Carbon emissions (location-based)	Reduce scope 1 and 2 CO ₂ e emissions by 43% by 2020, compared to 2005/06 baseline.	Tonnes CO ₂ e	52,389	2005/06	39,416	39,013	36,532	32,904	30,882	24,612	Positive	Covid-19 impacted energy consumption, and therefore our emissions in 2019/20 fell more than anticipated.
	Reduction in location-based emissions since 2005/06		%	n/a	2005/06	25%	26%	30%	37%	41%	53%		Student and staff FTE have increased while carbon emissions have fallen
	Carbon emissions per FTE (location-based)		Tonnes CO ₂ e	2.41	2005/06	1.36	1.27	1.12	0.95	0.86	0.66		Income has increased while emissions have fallen
	Carbon emissions per £000 income (location-based)		Tonnes CO ₂ e	0.14	2005/06	0.06	0.05	0.05	0.04	0.03	0.03		Covid-19 impacted energy consumption, and therefore our emissions in 2019/20 fell more than anticipated.
	Carbon emissions (market-based)	Net Zero Carbon by 2025	Tonnes CO ₂ e	52,389	2005/06	39,416	39,013	36,532	22,345	19,753	16,728		Student and staff FTE have increased while carbon emissions have fallen
	Reduction in market-based emissions since 2005/06		%	n/a	2005/06	n/a	n/a	n/a	57%	62%	68%		Income has increased while emissions have fallen
	Carbon emissions per FTE (market-based)		Tonnes CO ₂ e	2.41	2005/06	1.36	1.27	1.12	0.65	0.55	0.45		
	Carbon emissions per £000 income (market-based)		Tonnes CO ₂ e	0.14	2005/06	0.06	0.05	0.05	0.03	0.02	0.02		

Food	Fairtrade Accreditation	Achieve Fairtrade University accreditation.		No	2015/16	No	No	Application submitted	Yes	Yes	1 star	Positive	King's signed up to the new Fairtrade Universities Award. In the new system, the Fairtrade Foundation and NUS award Fairtrade Universities status jointly, with the potential for earning 1, 2 or 3 stars in addition to accreditation.
	Sustainable Food Policy	Develop Sustainable Food Policy.		No	2015/16	No	No	Yes	Yes	Yes	Yes	No change	The Sustainable Food Policy is due to be reviewed in 2020/21.
	Sustainable Restaurant Association (SRA) rating	Receive SRA star rating.		n/a	2015/16	n/a	n/a	No	1 Star	2 Stars	2 stars	No change	King's targeted 3 stars for 2019/20, but due to Covid-19 the rating was paused by the SRA for this year.
Biodiversity	Biodiversity Action Plan	Develop university-wide Biodiversity Action Plan.		No	2015/16	No	No	No	Yes	Yes	Yes	No change	Projects on campus were on pause due to Covid-19.
Integration of research, teaching, facilities and outreach													
Social integration	Sustainability Champions: Winning office and residences teams	Increase sustainability awareness.		14	2014/15	14	13	21	26	41	38	Negative	Audits were affected by Covid-19, and took place virtually in May 2020. The number of Sustainability Champions has risen to over 500 staff.
	Sustainability Champions: Winning laboratory teams	Increase sustainability awareness.		10	2014/15	10	15	25	20	25	32	Positive	
	Sustainability volunteering (hours volunteered by students)	Increase sustainability awareness.		195	2016/17	Not recorded	Not recorded	195	267	696	212	Negative	In 2018/19, the high number of hours volunteered was largely due to the ESSA Project, which was a one-off project. Covid-19 also meant fewer opportunities, though some volunteering continued online.
	Hours of opportunities for students	1000 hours of opportunities for students		534	2017/18	Not recorded	Not recorded	Not recorded	534	1055	1048	No change	Events including Welcome Week and Sustainability Week took place before March 2020.
	ISO14001:2015	Achieve ISO14001:2015 certification for Estates & Facilities.		No	2013/14	No	Partial - Strand Campus only	Yes	Yes	Yes	Yes	No change	Our ISO14001:2015 accreditation was confirmed in an online audit in April 2020, and a site visit in December 2020.

*Location-based vs market-based emissions: The location-based method uses average carbon emission factors for each kWh of electricity we use, regardless of its origin or the tariff we have chosen. The market-based method takes into account the electricity we have purchased from renewable sources and assigns it zero carbon emissions.