

## CCCU Environmental Objectives & Targets - November 2021

Ref.	Objective	SMART Targets	Progress @ 2021	Date Reviewed	Comments
1	OB1 - Implement the University's Carbon Management Plan in order to significantly reduce the University's Scope 1 & 2 CO2e emissions.	<ul style="list-style-type: none"> <li>From 2009/10 baseline</li> <li>● By 2016 reduce Scope 1 &amp; 2 emissions by 25%</li> <li>● By 2020 reduce Scope 1 &amp; 2 emissions by 35%</li> <li>● By 2016 reduce scope 3 emissions from business mileage, water &amp; waste by 20%</li> <li>● By 2020 reduce scope 3 emissions from business mileage, water &amp; waste by 35%</li> <li>● During 2011/12 establish a baseline scope 3 emissions for staff and student commuting</li> <li>● By 2020 reduce scope 3 emissions from staff and student commuting by 20%</li> <li>● By 2016 determine the scale of scope 3 emission from procurement activities</li> <li>● By 2016 produce a Low Carbon Vision for 2050</li> </ul>	<ul style="list-style-type: none"> <li>● 19% (2016/17) - no data provided for 2017/18</li> <li>● Not yet applicable - Carbon management plan under review during 2018/19</li> <li>● 52%</li> <li>● Not yet applicable - Carbon management plan under review during 2018/19</li> <li>● Established for staff only</li> <li>● Not yet applicable - Carbon management plan under review during 2018/19</li> <li>● Achieved</li> <li>● Achieved</li> </ul>	Awaited Aug 2017 Aug 2017 Aug 2017 Awaited Unknown July 2017	University response to the Climate Emergency finalised and to be approved by the Governing Body in November 2021
2	OB2 - Comply with current legislation relating to the use and maintenance of fume cupboards.	<ul style="list-style-type: none"> <li>● Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>● Achieved</li> </ul>	Feb 2021	To be audited once per cycle
3	OB3 - Comply with current legislation relating to refrigerant gasses and seek to minimise pollution.	<ul style="list-style-type: none"> <li>● Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>● Achieved</li> </ul>	Jan 2021	To be audited once per cycle
4	OB4 - Enhance biodiversity where possible, comply with relevant legislation and reduce the environmental impact on local flora and fauna as a result of grounds management activities.	<ul style="list-style-type: none"> <li>● Renovate Johnson Forest Garden, reinstate pond, and establish as a wildlife garden</li> <li>● Establish Laud Courtyard as a drought tolerant garden</li> <li>● Maintain all wildflower areas for optimum biodiversity</li> <li>● Establish and maintain Jubilee Orchard on existing utility grass area outside Ramsey</li> <li>● Establish permanent biodiversity signage and a series of biodiversity walks</li> <li>● Create Phase 1 Biodiversity Action Plan by 2012 and mini-BAPs for all pocket habitats</li> <li>● Carry out tree survey of Canterbury Campus and surrounding WHS Buffer zone by 2013</li> <li>● Establish a medicinal herb garden in Johnson quad by 2012</li> <li>● Improve access to and biodiversity of Coleridge garden by 2017</li> <li>● Maintain and continue to develop formal gardens at St Martin's Priory</li> </ul>	<ul style="list-style-type: none"> <li>● Completed 2015</li> <li>● Completed 2014</li> <li>● On-going annually</li> <li>● Completed 2012</li> <li>● Signage completed 2013 &amp; Walks established</li> <li>● Main and Mini BAPS finalised 2016</li> <li>● Student led pilots completed 2013 &amp; full surveys completed 2015</li> <li>● Initial phase completed 2012 further developments planned using mini-BAP process</li> <li>● Renovation completed in Spring 2017</li> <li>● On-going annually - Kent Wildlife Trust Gold Award in 2015 &amp; 2016</li> </ul>	July 2017	Old targets and Biodiversity group to be subsumed within the Sustainable Environment Group
5	OB5 - Ensure best practice, comply with relevant legislation and monitor waste production to drive down levels of general and recycled waste.	<ul style="list-style-type: none"> <li>● To reduce tons of waste produce by 2% per annum (from 2018/19 baseline)</li> <li>● To recycle 48% of waste by the August 2020 and 55% by 2022</li> <li>● Reduce single use plastics and have plans to eliminate completely by January 2021</li> <li>● Continue to have Zero waste to be sent to landfill</li> </ul>			Updated Feb 2021
6	OB6 - Comply with current legislation related to effluent disposal and surface water run-off and seek to minimise pollution.	<ul style="list-style-type: none"> <li>● Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>● Achieved</li> </ul>	Mar 2018	To be audited once per cycle
7	OB7 - Ensure best practice and legislative compliance in correct disposal of hazardous waste.	<ul style="list-style-type: none"> <li>● Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>● Achieved</li> </ul>	May 2020	Audited annually
8	OB8 - Comply with current legislation relating to the use of hazardous chemicals; and seek to minimise the risk of contamination of the workplace, incorrect storage/handling and pollution of the natural environment.	<ul style="list-style-type: none"> <li>● Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>● Achieved</li> </ul>	2019--20 cycle	Combined OCP being created during 2020-21 cycle
9	OB9 - Implement the University Travel Plan 2016-2020 to reduce CO2 emissions for business travel and staff / student commuting	<ul style="list-style-type: none"> <li>● Increased awareness of the Travel Plan across our staff and student communities.</li> <li>● Increase the number of staff who choose to walk to work from 14% to 17%.</li> <li>● Increase the number of students who choose to cycle to the University from 1% to 6%.</li> <li>● Decrease the use of private cars to travel to work, (excluding Park and Ride) for staff from 54% to 44% and for students from 16% to 9%.</li> <li>● Increase the use of the Park and Ride facilities by 23% for staff and 33% for students.</li> <li>● Undertake an annual survey of staff/students to monitor travel behaviour and capture differences in modes of travel.</li> </ul>	<ul style="list-style-type: none"> <li>● Targets set 2016/17 &amp; will not be reviewed until the next travel survey</li> <li>● Travel question to be included in staff survey in April 2019</li> <li>● E-Scooter Initiative linking CCCU and UKC Campuses</li> </ul>	Aug 2017  Quarterly	Needs to be reviewed with Natalie Phillips within the context of the current travel plan. GM and NP contacted for possible updates.
10	OB10 - Reduce the purchase of non-sustainable goods and services and improve procurement efficiencies. (Targets embedded within the University Procurement Strategy 2015-2022?)	<ul style="list-style-type: none"> <li>● Embed sustainability considerations into procurement activity, underpinning the University's sustainability objectives</li> <li>● Identify sustainability impacts for commodities being tendered and incorporate these into specifications</li> <li>● Use sustainability considerations as a criteria when selecting a supplier as part of a tender process</li> <li>● Achieve Level 4 of the Flexible Framework in all high spend departments (Estates, Operations &amp; IT)</li> <li>● Calculate the Total Cost of Ownership of goods and services being tendered.</li> </ul>	<ul style="list-style-type: none"> <li>● Targets set in 2015. Mid term assessment to be undertaken during 2017/18</li> <li>● No further assessment undertaken due to resource constraints</li> </ul>	Awaited Aug 2017 Aug 2017 Quarterly	RH contacted for update.
11	OB11 - Minimize the consumption of water and comply with all relevant legislation.	<ul style="list-style-type: none"> <li>● Reduce CO2e emissions from water consumption by 20% by 2016 &amp; 35% by 2020 from 2009/10 baseline</li> </ul>	<ul style="list-style-type: none"> <li>● Target for 2016 not achieved due in part to increase in student accommodation - 50% increase</li> <li>● Water meters to be installed to provide more accurate and granularised data - 2021 audit saw water consumption graphs for many of the university's buildings</li> </ul>	Nov 2020	BA contacted for update.

12	OB12 - Target all new developments and refurbishments to ensure their environmental impact in terms of construction and long term operation is minimised.	<ul style="list-style-type: none"> <li>New-build projects are to meet a BREEAM rating of "Outstanding", increased from the current standard of "Excellent". New buildings are to be designed to be essentially "zero carbon" with a DEC rating of A+ or minimum of A.</li> <li>Passive measures such as building orientation, exposed thermal mass, supreme insulation and triple glazing are to be optimised first to reduce consumption needs. Glazing and shading are to be designed to optimise the benefits of solar gain in the winter and minimise its impact in the summer months.</li> <li>An active choice is to be made early in any new build concept to specify the use of either natural ventilation or to use the Passivhaus standard if mechanical ventilation is required or preferred. Cooling use should continue to be restricted.</li> <li>For refurbished buildings the requirement will be to target "Outstanding" and achieve a minimum of an "Excellent" under the BREEAM Refurbishment standard. Where more appropriate the Passivhaus EnerPhit standard may be used for major refurbishment or the RICS SKA "Gold" rating for internal refits.</li> </ul>	<ul style="list-style-type: none"> <li>Estate Master Plan Building 1 &amp; 2 have been designed to BREEAM "Very Good".</li> <li>Final assessment of BREEAM rating for Building 1 awaited.</li> <li>Building 2 designed to BREEAM "Very Good" with priorities for energy use and long term cost control</li> <li>No major refurbishment projects have been planned or undertaken since the targets were agreed.</li> </ul>	Awaited Quarterly	Needs to be reviewed within the context of the Construction and Refurbishment OCP
13	OB13 - Ensure legal compliance relating to noise and nuisance; and reduce any impact to the local community, students and staff on site.	<ul style="list-style-type: none"> <li>Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>Achieved</li> </ul>	Mar 2018 On-going	To be audited once per cycle
14	OB14 - Comply with current legislation relating to Asbestos	<ul style="list-style-type: none"> <li>Annual compliance check</li> </ul>	<ul style="list-style-type: none"> <li>Achieved</li> </ul>	Mar 2018 On-going	To be audited once per cycle
15	OB15 - Ensure legal compliance and enforcement of the University no-smoking policy.	<ul style="list-style-type: none"> <li>Annual compliance check</li> </ul>			To be audited once per cycle
16	OB16 - Ensure that all students have the opportunity to engage with sustainability related issues relevant to their discipline and chosen field of work.	<ul style="list-style-type: none"> <li>By 2020 all Schools and Faculties will have developed a response to ESD such that every student will have had the opportunity to learn about sustainability in the context of their chosen discipline and field of work</li> </ul>	<ul style="list-style-type: none"> <li>Faculty of Health and Wellbeing has developed an outline strategy, which is being implemented</li> <li>Faculty of Arts and Humanities has developed an outline strategy, which is being implemented</li> <li>Faculty of Social and Applied Sciences is in the process of developing a strategy</li> <li>Faculty of Education has not yet developed a strategy has proposed new strategy with Sustainability as one of 4 key themes</li> </ul>	Jun 2017 Quarterly Annually	Outcomes of the University Response to the Climate Emergency in tandem with the development of the new Strategic Framework will have significant impact.
17	OB17 - Ensure that environment risk is appropriately assessed as part of the University risk management framework to support sustainable estate development.	<ul style="list-style-type: none"> <li>Develop University Estate Master Plan in line with the principles of the Low Carbon Vision and long term financial viability</li> </ul>	<ul style="list-style-type: none"> <li>Completed</li> </ul>	Unknown Quarterly Unknown	Needs reviewing within the context of setting a Net Zero carbon plan
18	OB18 - Significantly raise the level of staff and student engagement in sustainability through a variety of engagement opportunities, publicity, events, campaigns, Student Green Office, etc.	<ul style="list-style-type: none"> <li>Provide opportunities that develop knowledge, skills and experience for sustainability</li> <li>Provide opportunities for students and staff to develop leadership skills for sustainability</li> <li>Develop opportunities to support engagement with a sense of place within the natural and cultural environment</li> <li>Increase capacity for student initiated and led activities through the Student Green Office (SGO) and in partnership with the Students' Union (Green Impact &amp; Responsible Futures)</li> <li>Develop networking opportunities for sharing ideas, knowledge and experience</li> <li>Develop methods of evaluating engagement in sustainability</li> <li>Raise the profile of sustainability activities to support enhanced participation through the Website, Social Media and appropriate print media.</li> </ul>	<ul style="list-style-type: none"> <li>Monitored and reviewed annually</li> <li>Monitored and reviewed annually</li> <li>Monitored and reviewed annually</li> <li>SGO expanded and partnerships built with the Students' Union during 2016/17 and maintained to date</li> <li>Us In The World launched as a network for cross-promotion and collaboration on sustainability initiatives, framed by the UN SDGS, expanding upon existing partnerships to include various societies, teams and projects across the University</li> <li>Bespoke Monitoring &amp; Evaluation Framework developed during 2016/17; cut-down version in production during 2018/19 for smaller projects</li> <li>SGO employs a Communications Intern annually to focus on Social Media</li> </ul>	Nov 2017 On-going Quarterly	Needs updating based on the SSES and the new Sustainable Community Group. Need to introduce more rigorous monitoring and recording
19	OB19 - Increase awareness and provision of sustainable food, such as Fairtrade, locally sourced, Food for Life.	<p>Targets related to the following categories are documented in <a href="https://www.canterbury.ac.uk/about-us/sustainability/docs/fairtrade-and-sustainable-food-policy-objectives-targets.pdf">https://www.canterbury.ac.uk/about-us/sustainability/docs/fairtrade-and-sustainable-food-policy-objectives-targets.pdf</a></p> <ul style="list-style-type: none"> <li>Customer engagement</li> <li>Fairtrade, Fish, Fruit &amp; Veg, Meat, Dairy, Eggs &amp; Dry Grocery</li> <li>Plastic bottles, disposable coffee cups and other food containers</li> <li>Cleaning materials, Waste and Transport</li> </ul>	<p>Targets reviewed and documented in <a href="https://www.canterbury.ac.uk/about-us/sustainability/docs/fairtrade-and-sustainable-food-policy-objectives-targets.pdf">https://www.canterbury.ac.uk/about-us/sustainability/docs/fairtrade-and-sustainable-food-policy-objectives-targets.pdf</a></p>	Oct 2018	Need to review this and find a way of monitoring
20	OB20 - To provide opportunities for staff, students and the local community to engage collectively through projects, lectures, research, volunteering, courses, etc	<ul style="list-style-type: none"> <li>Arrange 3 joint lectures with OHSCA that provide academic and community interaction with local environmental issues</li> <li>Provide a series of sustainability related adult education workshops through the Community Arts &amp; Education (CAE) Programme</li> <li>Encourage and support student volunteering through local environmental and social enterprises</li> <li>Work with the Students' Union to support their community engagement activities</li> </ul>	<ul style="list-style-type: none"> <li>Trail OHSCA Lecture attracted 50 participants and was well received. Programme of events for 2017/18 being considered by the Steering Group</li> <li>CAE programme has now ended.</li> <li>Student volunteering activity is well established.</li> <li>Green Impact and Responsible Futures Partnership established during 2016/17. Action Planning to 2020 is in progress.</li> </ul>	Awaited	Needs updating based on the SSES and the new Sustainable Community Group. Need to introduce more rigorous monitoring and recording