

Progress made on 2016-17 Environmental Targets

Progress against the following targets has been categorised as:

- **Completed**
- **In progress**
- **Not completed**

Aspect	Objective	Target	Status	Notes
Energy Emissions to Air	<i>To minimise the University's carbon dioxide emissions</i>	To reduce our carbon dioxide emissions from energy use in buildings by 43% by 2020 from a 2005/06 baseline through the implementation of our Carbon Management Plan.	In progress	Carbon reductions of 39.9% have currently been achieved.
		Include scope 3 emissions in any updates of our Carbon Management Plan.	In progress	Scope 3 data on waste, water and procurement is available to be incorporated in the next iteration of the CMP
		Run the Student Energy Campaign in University owned halls of residence with a view to reducing energy use between Oct 2016 and July 2017.	Completed	The Student Energy Project was successfully run by Accommodation Services. 66 students were engaged in energy and water saving within their halls.
Waste	<i>To implement the waste hierarchy by minimising the amount of waste produced by the</i>	Develop a waste management strategy for BCU identifying targets and an associated action plan (both short term and long term).	In progress	A Resource and Waste Management Strategy is being drafted with the aim of reducing the amount of waste generated and increase recycling.

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	<i>University and maximising reuse and recycling where the generation of waste could not be prevented.</i>	<p>Carry out two staff/student engagement days with our waste contractor to promote recycling in 2017.</p> <p>Provide training for Building Supervisors, cleaning and catering staff by July 2017.</p> <p>Review performance of the food waste recycling pilot in Curzon with a view to rolling out across the University's main catering facilities if successful.</p> <p>Review waste data ahead of forthcoming tender for a new waste contractor.</p>	<p>Completed</p> <p>In progress</p> <p>In progress</p> <p>In progress</p>	<p>Veolia participated in Go Green Week and the Welcome Event providing advice to students on recycling at BCU.</p> <p>Building Supervisors have been engaged in the development of the Resource and Waste Management Strategy and reviewing their site's data.</p> <p>The food waste recycling pilot in Curzon has been successful and food waste recycling will be rolled out to Joseph Priestley, Conservatoire, and City South catering areas.</p> <p>Waste data is reviewed on a monthly basis. The data will be further interrogated ahead of the waste contract procurement.</p>
	Construction (City Centre Campus)	<p>To ensure that the design of the new City Centre Campus minimises the environmental impact of the building, as far as practicable, within the budget constraints.</p>		
		<p>To achieve a minimum of BREEAM 'Excellent' rating for all new buildings and aspire to achieve outstanding.</p> <p>To ensure that during the construction of all new buildings:</p> <ul style="list-style-type: none"> A minimum of 15% of the value of the materials used are from reused and recycled content. 	In progress	Curzon B, City South and Conservatoire are on track to achieve BREEAM Excellent, however, formal certification is being finalised.

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	<i>To ensure that the construction of our new campus maximises the use of sustainable materials and minimises the disposal of waste.</i>	<ul style="list-style-type: none"> To ensure that no more than 16.6m³ or no more than 8.5 tonnes of waste is generated per 100m² of gross internal floor area. To recover a minimum of 70% of construction materials used. 		
Construction (University Wide)	<i>To ensure that large scale construction projects maximise the use of sustainable materials and minimise the disposal of waste.</i>	To set project specific targets for the use of sustainable materials, and the reduction, re-use and recycling of waste materials, for projects that have an estimated construction cost of over £1,000,000.	In progress	This is ongoing. A Sustainable Building Standard is being developed for the University to set minimum standards for new builds and refurbishments.
Water use and effluent production	<i>To minimise the quantity of water used and disposed of by the University.</i>	All taps, urinals, WCs and showers fitted in the new buildings constructed between 2016 and 2017, will be of a specification that consumes less potable water than standard specifications for the same type of fittings.	In progress	This has been factored into the specification.
		Likewise, new fittings installed in existing buildings, and other new builds, will meet the above requirements.	In progress	This has been factored into the specification.
		Review water use at all sites to understand the potential to reduce water use further in 2016-17.	In progress	This is being considered as part of the Carbon Management Plan review.
		Review all site operations in 2016-17 as part of the on-going annual	In progress	Trade Effluent Consents were reviewed as part of the

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		environmental internal audit process and ensure that all the required Trade Effluent Consents are in place and the conditions are being met.		auditing. A new consent for Parkside jet cutting room was attained and the consent for the photographic labs is being updated.
Travel	<i>To promote the use of sustainable travel and thereby minimise the University's travel related carbon dioxide emissions.</i>	<p>Implement the actions from the Sustainable Transport Strategies in line with the timetable specified in these documents.</p> <p>Review and update the 2015-17 Sustainable Transport Strategies by September 2017.</p> <p>Provide cycle training and maintenance courses for staff and students during 2016-17.</p> <p>Promote a reduction in car use through the design and construction of our City Centre and City South Campus developments to open in 2017. The former will only include parking facilities for those with disabilities and the latter will have a reduced number of car parking spaces on site.</p>	<p>In progress</p> <p>In progress</p> <p>Completed</p> <p>Completed</p>	<p>Progress against the actions outlined in the Travel Plans has been limited due to resource, and a reduction in the free services provided by partner organisations.</p> <p>A brief has been finalised and put out for quotations to appoint a consultancy to lead of the refresh of the University's travel plans.</p> <p>Cycle maintenance training was offered to staff and students however there were no takers. This may be due to the duration of the course.</p> <p>This has been implemented through the design and construction of the buildings.</p>

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		Provide information on journey planning to potential students at key events such as Welcome days during 2016.	Completed	Journey planning and public transport information was provided to 805 students at the September 2016 Welcome event.
Procurement	<i>To minimise the environmental impact of purchasing decisions wherever practicable.</i>	<p>Develop and start implementation of a sustainable procurement action plan to achieve level 4 of the Flexible Framework by the end of 2017-18.</p> <p>Maintain level 3 of the Flexible Framework and achieve level 4 wherever feasible.</p>	<p>In progress</p> <p>In progress</p>	<p>Procurement and the Environmental Manager have been working with NETpositive Futures to progress BCU to level 4 of the Flexible Framework.</p> <p>NETpositive Futures have developed an action plan to take BCU to Level 4. Training is being scoped for 2017/18 and an online supplier toolkit.</p>
Sustainability in the curriculum	<i>To integrate sustainability into the University curriculum.</i>	Support the integration of sustainability into the curriculum throughout 2016-17 where feasible.	Completed	<p>The Environmental Manager delivered a lecture to the Environmental Sustainability MSc group and developed an assessment involving procurement and waste colleagues.</p> <p>A Masters Student completed a placement to support the development of the waste strategy.</p>
Biodiversity	<i>To conserve and promote biodiversity across the University's campuses.</i>	To maintain the biodiversity of the site, as measured by BREEAM for the Curzon Building Extension, Conservatoire and City South new builds.	In progress	Ongoing through the delivery of the developments.

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Training and Awareness	<i>To raise awareness of environmental and sustainability issues across the University.</i>	Support Fairtrade Fortnight in February 2017.	Completed	Fairtrade fortnight: 921 Fairtrade items sold with a discount, 908 entries to the Fairtrade hamper raffle, 20 entries to the Fairtrade bake-off competition
		To hold a University Green Week in March 2017 in conjunction with Aston University.	Completed	Go Green Week was run in conjunction with Aston University, providing activities on recycling, cycling, and biodiversity.
		Raise awareness of sustainability issues across the University throughout 2016-17.	Completed	Communications on sustainability have been disseminated through BCU social media.
		Deliver environmental training courses throughout 2016/17 in line with demand.	In progress	Environmental Awareness training is in the process of being updated, working with HR to ensure it is in line with the new system being implemented.
Other	<i>To maintain our Environmental Management System at all BCU sites.</i>	Work towards achieving the International Standard ISO 14001:2015 by September 2018.	Completed	BCU successfully transitioned to ISO 14001:2015 in the January 2017 audit, well ahead of the September 2018 deadline. For this work, an article on BCU was featured in the Institute of Environmental Management and Assessment (IEMA) magazine and website.

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