

Birmingham City University's Environmental Objectives and Targets 2019-20

Aspect	Objective	Targets and Actions	Responsible Person(s)	Resources
Energy Emissions to Air	<i>To minimise the University's carbon dioxide and fugitive emissions.</i>	Target: Reduce our carbon dioxide emissions from energy use in buildings by 43% by 2020 from a 2005/06 baseline.		
		2019-20 Actions:		
		Develop and deliver of a range of energy saving projects using Salix Finance, with installation by end of July 2019	Energy Manager Engineering Team	Salix Finance Staff time
		Run The Student Energy Project in University Locks with a view to reducing energy use to August 2021.	Operations Manager, Accommodation Services Energy Manager	Accommodation budget Staff time
		Develop and finalise an Energy Strategy for BCU to supersede and incorporate the Carbon Management Plan, including a zero carbon target and review of Scope 3 emissions.	Energy Manager Environmental Manager	Staff time
		Make improvements to data monitoring and management for all utilities to ensure consumption is monitored and overconsumption targeted by July 2020.	Energy Manager	Environmental budget Staff time
		Ensure on site generation is functioning and any tariffs are being claimed by July 2020.	Energy Manager Mechanical Engineer	Staff time Maintenance budget
		Continue to conduct monitoring, audits and targeting consumption reduction of the top 5 worst performing buildings.	Energy Manager	Staff time Environmental budget
		Ensure effective management and maintenance of boilers and equipment containing F-gas to reduce emissions to air throughout 2019-20.	Mechanical Engineer Contractors	Staff time Maintenance budget
		Review the use of fume cupboards, in particular at City South, and opportunities to reduce emissions and save energy by July 2020.	Energy Manager	Staff time Soft Landings

Waste	<i>To implement the waste hierarchy by minimising the amount of waste produced by the University and maximising reuse and recycling where the generation of waste could not be prevented.</i>	Target: From 2019-20, reduce the amount of waste generated by 1% per year on year and increase recycling rates by 2% per year by 2025.		
		2019-20 Actions:		
		Develop a waste management strategy for BCU identifying targets (annual reduction and recycling increase) and an associated action plan (both short term and long term).	Assistant Director of E&F (Facilities Management) Facilities Manager (Contracts) Environmental Manager	Staff time
		Set up and run the Waste Task Group, to review and manage resource use, waste and recycling at BCU	Assistant Director of E&F (Facilities Management) Facilities Manager (Contracts)	Staff time
		Carry out two staff/student engagement days with our waste contractor to promote recycling in 2019-20.	Assistant Director of E&F (Facilities Management) Facilities Manager (Contracts) Environmental Officer	Staff time
		Roll out food waste caddies in the staff and student kitchen areas by July 2020.	Facilities Manager (Contracts)	Staff time E&F budget
		Review waste data monthly and conduct waste audits on a weekly basis and, where possible, implement initiatives to reduce overall waste and increase recycling.	Facilities Manager (Contracts) Quality Control Officer	Staff time
Construction (City Centre and City South Campuses)	<i>To ensure that the design of new builds and refurbishments on City Centre and City South Campuses minimises the environmental impact of the</i>	Review furniture recycling and the opportunity of implementing a scheme at BCU.	Deputy Director of E&F Assistant Director of E&F (Facilities Management) Environmental Manager Space Manager	Staff time E&F budget
		Target: Achieve at least BREEAM Excellent for all new builds and aspire to achieve outstanding.		
		2019-20 Actions:		
		Deliver the Sustainable Building Standard for BCU, setting minimum environmental standards for all new builds and refurbishment projects.	Environmental Manager Energy Manager Deputy Director of Estates & Facilities Projects Team	Staff time
		Implement the refurbishment section to the Sustainable Building Standard.	Environmental Manager Energy Manager	Staff time

	<i>building, as far as practicable, within the budget constraints.</i> <i>To ensure that projects maximise the use of sustainable materials and minimises the disposal of waste.</i>		Deputy Director of Estates & Facilities Projects Team	
Water use and effluent production	To minimise the quantity of water used and disposed of by the University.	Target: Reduce water consumption 1% year on year by 2020-21 2019-20 Actions:		
		Install water meter data loggers across BCU sites throughout 2019-20, that will allow us to identify leaks and target overconsumption.	Energy Manager	Staff time Environmental budget
		Ensure that all water devices for new builds and refurbishments are specified as efficient, consuming less potable water than standard specifications.	Energy Manager Environmental Manager	Staff time
		Review all site operations in 2019-20 as part of the on-going annual environmental internal audit process and ensure that all the required Trade Effluent Consents are in place and the conditions are being met and discharges reduced where feasible.	Environmental Manager Environmental Officer	Staff time
Travel	To promote the use of sustainable travel and thereby	Target: See 2018-2020 Travel Plans for specific City Centre and City South targets 2019-20 Actions:		
		Implement the actions from the 2018-2020 Sustainable Travel Plans in line with the timetable specified in these documents.	Environmental Officer Environmental Manager Communication Team	Staff time Environmental budget

	<i>minimise the University's travel related carbon dioxide emissions.</i>	Conduct the next staff and student travel survey in Spring 2020 and commence the refresh of the University Travel Plans.	Environmental Officer	Staff time Environmental budget
		Run the University Brompton bike scheme.	Environmental Officer	Staff time Environmental budget
		Promote a reduction in car use through the design and Masterplanning work at our City Centre and City South Campus developments.	Environmental Manager Deputy Director of Estates & Facilities	Staff time
		Input in the development of the new IT strategy to encourage energy efficient solutions that reduce the need for business travel.	Environmental Officer Environmental Manager Energy Manager	Staff time
		By July 2020, review any existing international travel policy at BCU for VCO sign off, with a view to reducing associated emissions.	Environmental Officer Environmental Manager Energy Manager Director of International Office	Staff time
		By July 2020, review and agree approach for future electric vehicle charging point provision	Environmental Officer Energy Manager Director of E&F	Staff time
		Provide information on journey planning to students, staff and potential students through specific travel events and at key events such as Welcome Event and Go Green Week during 2019-20.	Environmental Officer	Staff time Environmental budget
Procurement	<i>To ensure added value from purchasing decisions is achieved by minimising environmental impact and enhancing social and economic impacts to</i>	Target: Maintain level 4 of the Flexible Framework throughout 2019-20.		
		2019-20 Actions:		
		Integrate sustainability into each Category and Procurement Strategies	Head of Procurement Senior Category Manager Environmental Manager Procurement Team	Staff time
		Review the use of the NETpositive Supplier Toolkit to ensure it is fit for purpose and if necessary develop recommended tool by July 2020	Senior Category Manager Procurement Team Environmental Manager	Staff time Environmental budget
		Include sustainability in procurement refresher training by July 2020	Senior Category Manager Procurement Team	Staff time

	<i>students and Birmingham, wherever practicable.</i>	Contract management effective in environmental performance and management through KPIs	Procurement Team Environmental Manager	Staff time
Catering	<i>To reduce the environmental impacts of University catering.</i>	Target: Deliver the targets outlined in the Sustainable Catering Policy and Targets document for 2019-20 which includes: sustainable sourcing of food, Fairtrade, waste energy and water management, and communication 2019-20 Actions:		
		Review the Silver Food for Life catering accreditation and implement measures where feasible by July 2020.	Assistant Director of E&F (Commercial Services) Catering Contractor Environmental Manager	Staff time
		Reduce food waste from the previous year and increase recycling through food weighing and monitoring, and reviewing bins and signage.	Catering Contractor Facilities Manager (Contracts)	Staff time
		Identify opportunities to further reduce waste generated through the catering contract in 2019-20, including use of disposable cutlery, containers and cups, and use of glass for meetings.	Assistant Director of E&F (Commercial Services) Catering Contractor Facilities Manager (Contracts)	Staff time
		Develop the consultation process for the catering tender which will commence in August 2020, integrating the environmental agenda as a key consideration.	Assistant Director of E&F (Commercial Services) Environmental Manager	Staff time
		Introduce further plant based recipes throughout 2019-20	Catering Contractor	Staff time
Sustainability in the Curriculum	<i>To integrate sustainability into the University curriculum.</i>	Target: Ensure sustainability is embedded in all courses by 2025, from a 2020 baseline. 2019-20 Actions:		
		Develop a governance structure to support the integration of sustainability into the curriculum by July 2020.	Deputy Vice Chancellor Pro-VC Learning and Teaching Environmental Manager Associate Deans School Reps	Staff time
		Receive SEDA accreditation and launch the new 'Embedding Sustainability into the Curriculum' course for academic staff by March 2020.	Senior Education Developer Environmental Manager	Staff time EDS budget

		Embed sustainability into the Periodic Review process for its start in January 2020.	Director of Quality Assurance Environmental Manager	Staff time
		Support the use of BCU environmental data and sites in the use of student assessments and projects throughout 2019-20.	Environmental Manager Environmental Officer Energy Manager	Staff time
Biodiversity	<i>To conserve and promote biodiversity across the University's campuses.</i>	Target: Identify and encourage biodiversity when maintaining the campus and where relevant/feasible in capital or major refurbishment projects to 2025.		
		2019-20 Actions:		
		Appoint a specialist to conduct an ecological survey of BCU sites to create a baseline and inform further work to conserve and promote biodiversity	Head Gardener Environmental Manager Environmental Officer	Staff time Environmental budget
		Plant 1000+ native bulbs and species across BCU sites to attract birds and insects throughout 2019-20	Head Gardener Grounds Maintenance Team	Estates & Facilities budget
		Install one further compost bin at City South by end of July 2020	Head Gardener Grounds Maintenance Team	Estates & Facilities budget Staff time
		Support the SU Earth Society and staff in using the allotment at City South and develop food growing spaces at other sites throughout 2019-20	Head Gardener Environmental Officer	Staff time
		Add another rooftop beehive during the summer of 2020. Encourage involvement from staff and students, planting of bee-loving plants and the development of student projects linked to the beehives	Environmental Officer Beekeeper Head Gardener Environmental Champions	Staff time
		Identify opportunities to include habitat in new builds in conjunction with the Projects Team	Environmental Manager Head Gardener	Staff time
Training, Awareness and Communication	<i>To raise awareness of environmental and sustainability issues across the University.</i>	Target: Targets as outlined in the actions below.		
		2019-20 Actions:		
		To hold a University Green Week in November 2019 linked to Graduate+ week with a target to engage 300 students.	Environmental Officer	Staff time Environmental budget
		Support Fairtrade Fortnight in February 2020 with a target to engage 300 students.	Assistant Director of E&F (Commercial Services) Catering Contractor Environmental Officer	Staff time Environmental budget

			Students' Union	
		Run a community engagement activity, such as a canal litter pick, linking up with local universities and businesses during 2019-20	Environmental Officer SU Earth Society Environmental Champions	Staff time Environmental budget
		Raise awareness of sustainability issues across the University delivering at least one environmental communication per month throughout 2019-20, through the implementation of the Environmental Communications Plan.	Environmental Officer	Staff time Environmental budget
		Develop a new suite of environmental training courses and deliver to at least 30 key staff throughout 2019-20 in line with demand.	Environmental Manager Environmental Officer	Staff time
		Embed and support the newly established Earth Society	Students' Union	Staff time SU budget
		Continue to embed the SU Environmental Committee throughout 2019-20, working with the Environmental Team to identify key impacts and actions to reduce these.	Students' Union	Staff time SU budget
Other	<i>To maintain our Environmental Management System at all BCU sites.</i>	2019-20 Actions:		
		Continue to manage and maintain International Standard ISO 14001:2015 throughout 2019-20.	Environmental Manager Environmental Officer	Staff time Environmental budget
		Achieve sign off of the Environmental Plan 2020-25 by end of March 2020.	Environmental Manager Top Management	Staff time
		Review and embed sustainability in the University Project templates by end of 2020.	Environmental Manager Head of University Change Team	Staff time