

Environmental and Sustainability Targets 2011 - 2012

	Area	Objective	Target	Completion Date	Progress
1	Environmental Management	Develop and maintain a structured environmental management system to promote good environmental performance and ensure continual improvement. This includes reduction and prevention of pollution to air, water and land	To develop, implement and maintain ISO 1401 accreditation and achieve certification	March 2012	<p>Environmental & Sustainability policy approved by Senior Leadership Team, 7th March 2011</p> <p>Targets and action plan approved by Senior Leadership Team, 7th March 2011</p> <p>Collaboration with other Bloomsbury colleges and Environmental manager to ensure BS8555 is completed by September 2011</p>
2	Emissions & discharges	Prevent pollution at source and seek to reduce emissions and discharges to water, air and land with particular relevance to hazardous waste management	Maintain existing facilities for the collection and environmentally sound disposal of redundant IT equipment, cooking oil, batteries, florescent tubes etc. and extend as necessary to reduce waste to landfill to 0% by 2012 (see waste management)	Ongoing	<p>Recycling programme working efficiently. No hazardous waste, as Institute has no scientific research facilities.</p> <p>New waste management contract in place to ensure that 0% of waste goes to landfill by 2012</p>
		Reduce the Institute's carbon footprint and save energy across the estate.	To reduce Scope 1 & 2 carbon emissions by 45% by 2020 against a 2005 baseline of 2,673 tonnes of CO ₂ .	December 2020	Carbon Reduction Plan approved by Estates Committee, June 2010, annual approval by Senior Leadership Team, 7 th March 2011
			To reduce Scope 1 & 2	2015	Comparisons 2006 – 2010 in

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			<p>emissions by 30% by 2015 and scope 3 carbon emissions by 20% to give aggregate saving of 6,652 tonnes by 2015</p> <p>See Institute of Education's carbon reduction plan for further details</p>	milestone	<p>relation to unit of income shows a marked decline from 0.0437 (kgCO₂/£1) to 0.0293 ((kgCO₂/£1). A similar comparison of emissions per student/staff numbers shows a decline from 718 (kgCO₂/total staff and student) to 527 ((kgCO₂/total staff and student).</p> <p>Spend of £1.7m on carbon efficiency projects, including new chillers, heat exchangers, replaced boilers, lighting improvements and m & e plant improvements</p>
3	Water	Reduce water consumption	Reduce water consumption by 10% by 2012 from 2008 baseline figures.	August 2012	<p>By 2010, water consumption per student FTE has fallen from 7.40 m³ to 6.29 m³ per student FTE (HEI mean of 11.43m³)</p> <p>Water audit to be carried out to ascertain potential use of grey water.</p>
4	Waste Management	Minimise waste to landfill through improved waste management procurement.	Reduce waste going to landfill to 0% by 2012	August 2012	<p>By 2010 recycled waste as a proportion of all waster has increased by 20% to a level (35%) that exceeds the HEI mean (33%)</p> <p>Recycling facilities in place throughout academic and residential accommodation.</p>

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					New waste management contract in place to ensure that 0% of waste goes to landfill.
5	Transport	Encourage use of sustainable forms of transport by staff, students and visitors. Reduce impact of any vehicle used by Institute	To reduce emissions from car transport for staff and student to 0% by 2012. To increased cycle parking provision by 50% by 2011 To reduce emissions from Institute run transport to 0% by 2011	August 2012 August 2011 September 2010	Travel plan approved by Senior Leadership Team, 7 th March 2011 2010 - car parking for staff reduced to 5 for whole estate. No student car parking. Cycle provision increased. One shared LPG van in use for all Institute operations.
6	Sustainable food procurement	Purchase products and services using sustainable criteria, including whole-life costings and environmental performance	Achieve Fairtrade University status by 2012 Minimum of 50% of food spend on sustainable produce All menus to reflect use of at least three seasonal fruits and vegetables 100% of fresh seasonal orchard fruits and 50% of fresh soft fruits purchased between August and March grown in Europe	January 2012 July 2011 September 2010 September 2011	Sustainable food policy approved by Senior Leadership Team 7 th March 2011. January 2011 - approximately 50% of produce comes from Red Tractor certified farms or is Global/GAP certified January 2011 - use of the Eat Seasonably logo in all catering outlets (http://eatseasonably.co.uk) Expect to achieve this by April 2011

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			100% of livestock produce is Red Tractor farm assured	September 2010	January 2011 – 100% livestock produce Red Tractor assured
			Elimination of any fish on menu which are on the Marine Conservation Society red list	September 2010	January 2011 - 0% fish purchased from MCS red list
			Serving only fish on MCS 'fish to eat' list	September 2010	January 2011 - 100% fish on 'fish to eat' list
			Removal of purchased bottle water for hospitality	September 2010	January 2011 - 100% water offered through hospitality is filtered tap water in reusable glass bottles
			All egg products to be free range	September 2010	January 2011 - 100% egg products are free range. 'Good Food on a Plate' award for our use of free range shell eggs given in 2009.
			Meat Free Mondays introduced in all catering outlets from January 2011	January 2011	Meat Free Mondays introduced into Lawton Room and Level 3 from February 2011
			All pre-packed foods from suppliers that use 100% biodegradable packaging	January 2011	All food packaging and cups are 100% biodegradable.
			Procure only environmentally friendly branded cleaning	January 2011	All cleaning products sourced from environmentally acceptable sources

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			<p>solution e.g. Ecover .</p> <p>Procure only recycled toilet tissue and hand towels</p> <p>Timbers incorporated into a product should be sourced from well managed, self sustaining woodlands. Tropical hardwoods are to be avoided.</p>	<p>January 2011</p> <p>January 2011</p>	<p>All toilet tissues and hand towels are fully recyclable</p> <p>Incorporated into sustainable procurement strategy, Spring 2011</p>
7	Construction and refurbishment	Ensure that energy and environmental standards are incorporated into all new build and refurbishment projects	<p>Achieve BREEAM 'very good' for all new builds from November 2009.</p> <p>Use of 20% renewables for all new build from November 2009.</p> <p>Demand for 80% recovery of redundant materials</p> <p>Ensure that whole life costs including maintenance are included in all proposals</p>	<p>November 2009</p> <p>November 2009</p> <p>January 2011</p>	<p>Design for Thornhaugh Mews incorporates BREAM 'very good'</p> <p>Thornhaugh Mews design incorporates use of 20% renewables, through use of ground source heat pumps</p> <p>Specifications to include demand for 80% material recovery</p> <p>Environmental and energy design standards being incorporated into all capital project specifications</p>
8	Biodiversity	Conserve and enhance biodiversity across the Institute's estate	Create 50% more natural habitats for birds/bats , introduce 4 sedum beds on	January 2012	Biodiversity policy agreed by Senior Leadership Team, 7 th March 2011 Biodiversity audit carried out in 2009

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			terraces (subject to planning permission) by 2012		<p>on Thornhaugh Mews</p> <p>Bat boxes will be introduced into high level areas of the Institute's terraces.</p> <p>Swift nesting boxes will be placed on buildings to encourage these birds to use the area.</p> <p>6 – 8 nesting boxes will be placed around the sheltered areas of the main building to provide nesting habitats for small birds</p>
9	Community involvement	Work with local community on projects, events to raise awareness about environmental issues	<p>Student Union to achieve Bronze Green Impact Award</p> <p>Staff Sustainability Network to promote staff energy savings through eco-tips promotion</p> <p>Work closely with other Bloomsbury colleges to coordinate environmental projects and raise student and staff awareness</p> <p>Increase work in primary and</p>	<p>March 2012</p> <p>2011-2012</p>	<p>The Institute has provided funds to the SU to ensure that they work on environmental issues with the student body.</p> <p>The Network has contributed to Green Week, the Academic Board and Forum on Sustainability and is represented on the Carbon Sub Committee.</p> <p>The Institute is a member of the Camden Climate Change Alliance and works closely with other Bloomsbury colleges to raise environmental awareness eg. Green Week (February 2011).</p> <p>Primary and Secondary PGCE</p>

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			secondary schools on environmental sustainability through PGCE courses.		students involved in promoting sustainability in school teaching practice Science Learning Centre, London situated at Institute with strong sustainability credentials
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Professor Chris Husbands
Director, Institute of Education
7 March 2011