

Sustainability Becoming a Green College 09/10

Campus	Responsibility	Targets	Outcome
Reduce energy wastage	A. Taylor	Improve heating system and repairs to windows.	Reduce the energy bill by 5%.
Reduce Water Usage	A. Taylor	Reduce overnight water usage by installation of cystemisers and electronic tap control.	Reduce the water bill by 5%.
Ensure recycling process is evident and known about across the college	P. Hornby	February half term 2010. Poster campaign to promote recycling.	Improved recycling awareness.
Reduce photocopying paper usage across college	F Morrissey	Duplex copying to reduce paper consumption by printing both sides of paper.	5% Reduction in the amount of photocopying paper usage and costs.
Reduce Power consumption on copiers when on stand by	F Morrissey	All new copiers carry environmental energy star label.	85% of copiers currently have International standards for power consumption while the copiers are idle.
Reduce paper /toner wastage in LRCs	M Parker	Look at using photocopier printers in LRCs Promote sales of memory sticks so work can be saved rather than printed.	Decrease amount of LRC budget spent on expensive laserjet cartridges/printer paper Reduce numbers of laserjet printers in LRCs.
Switch unused pcs off at 22.00.	C. Griffiths	Save on energy, when the computers are not in use overnight.	Reduce % of energy use and costs.

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Investigate virtual servers for older servers	C. Griffiths	Save on energy, migration to virtual allows several old servers to run on one new.	Reduce % of energy use and costs.
Stand by client that are unused for 60 minutes	C. Griffiths	Reduce heat output in classroom areas, with the need for less cooling in rooms.	Improve control of heat within work/study environment.
Curriculum	Responsibility	Targets	Outcome
Usage and promotion of more e-resources which are cost effective, up to date and have less of a carbon footprint.	LRC team	Investigate, purchase promote and offer training on e-resources to staff and students	Increase usage of e-resources by at least 5%
Develop and introduce new technologies within the curriculum that will both affect the courses and the college in terms of sustainability.	HoF (notably Construction and Engineering)	Increase the number of students achieving qualifications that incorporate sustainability. Plus the college creating more resources linked to sustainability.	Increase awareness and understanding of the low carbon and sustainability agenda.
Hospitality, Health, Hair and Beauty	Mike Hogan working with lecturers and technicians Gill Williams and the teaching team	Reduce the amount of food waste arising from the kitchens and other facilities at Duke Street. Involve Catering and Food Production and manufacturing students in this process.	Agree a base mark point for measurement and achieve a 10% reduction by January 2011 The inclusion of the green agenda and target in lesson planning.
Hospitality, Health, Hair and Beauty	Mike Hogan and Gill Williams	Put in place a review of the usage level of hot and cold water in the curriculum areas	Review undertaken by May 2010. Agree a realistic % target reduction for

		<p>in Duke Street. Set targets to reduce the volume used.</p> <p>Involve all faculty students in this process.</p>	<p>2010/11.</p> <p>The inclusion of the green agenda and target in lesson planning.</p>
Hospitality, Health, Hair and Beauty	Mike Hogan and Gill Williams working with teaching and technical staff.	Put in place an environmental plan/policy for Catering/Food Production and Manufacturing, Hair and Beauty.	Plan/policy in place for September 2010.
Construction	Joanne Ratcliff	<p>To build a dedicated 'sustainability centre' as a resource for the Building Services. It would need to demonstrate sustainable design and energy saving systems. For example:-</p> <ul style="list-style-type: none"> • Solar Panels (evacuated tube / photovoltaic • Rainwater harvesting. • Ground source heat reclamation. • Wind generated power. • Energy saving control sensors. • Harnessing natural ventilation. 	To offer all sustainable and environmental QCF modules across the curriculum.
Construction	Joanne Ratcliff	<ul style="list-style-type: none"> • Under floor heating. • CHP combined heat and power. • Air source pumps. 	

Construction	Joanne Ratcliff	To be able to use and demonstrate the advantages of modern building materials and practices.	To offer all sustainable and environmental QCF modules across the curriculum. Promote the most up to date building techniques to our students. Provide a variety of income generating opportunities to existing construction workers and employers who do not have the most up to date knowledge.
Construction	Joanne Ratcliff	<ul style="list-style-type: none"> • Promote cycle to work / college scheme. • Improve waste management. • Promote healthier lifestyles. • Update and maintain workshops (electrical workshop walls in poor repair) • Improve the excessive humidity and temperatures within the building. 	To provide a 'greener' and 'healthier' working environment for staff and students at Vauxhall Road.
Construction	Joanne Ratcliff	<ul style="list-style-type: none"> • Assess the possibilities of appropriate ventilation / air change. • Zones shut down of rooms. 	Improved use of heating and ventilation.
Student Services and Support	A Lees/faculty managers	1. Reduce paper use year-on-year. Benchmark	1. Outcome tested end of 2009/10 2. Achieved

		<p>established from 2008/9 all-year use.</p> <p>2. All printers switched to double sided printing. FMT minutes/papers printed only when necessary – e-versions used as standard. Notices on Student Services doors reminding staff to switch off lights.</p>	
Student Services and Support	A Moore	Enrichment team include environmental activities in annual programme.	Achieved and ongoing e.g. volunteering for Wirral conservation project.
Student Services and Support	D Jones	E-applications encouraged as standard. Course Factsheets designed to be contained on 1 side A4 in most cases.	Achieved.
Student Services and Support	B Williamson/lead tutors	Go Green materials available on Moodle for use in tutorials.	Achieved
Business, IT, Tourism and Sport	Senior Management	To introduce low energy screens when replacing computers onsite.	Reduce power consumption by 20%
Introduce low energy computer screens			
Arts	B Roberts	To reduce the amount of paper being printed off in class.	Reduce paper bill by 5%.
Reduce paper waste			
Reduce electronic media storage	B Roberts	Reduce the amount of storage being made on CDs and DVDs through greater use of server	Reduce media consumables by 5%.

		backup.	
Manage cross college resources better	Heads of Section	Greater degree of sharing related resources to avoid duplication of items.	Reduce consumable items budget by 5%.
Science, Humanities and Education Reciprocal composting arrangements: Compost Duke Street kitchen waste: at Bankfield	Steve Daw (HoF) / Gill Williams (HoS) Jenny Steer(HoF) / George Cefai (HoS)	10% reduction in non-composted vegetable waste at Duke Street	Awareness raising of sustainability through the reduction of food waste.
Seasonal miniature salads and herbs grown at Bankfield for use at Duke Street	As above	Modest contribution to low food- miles target and sustainable production.	Awareness raising of individual and group activity to reducing carbon footprint.
Introduce level 3 in Environmental Science (16-19) Clarence Street.	Jenny Steer (HoF) / Justin Smith (HoS)	First intake 2011.	Curriculum development / green economy job market.
Quality and Equality	John Lockyer	All documents produced and sent in electronic format wherever possible. Increased use of document transfer by pen drives and 'Groove' document sharing.	The team will use the groove file sharing application in Microsoft office for: <ul style="list-style-type: none"> • SAR documents • OTL documents • TQS and employer engagement activity • Partnership monitoring activities

			The team makes extensive use of the DMS system to publish cross college reports and documentation.
Quality and Equality	John Lockyer	Development of a web based system for reporting lesson observations.	Web based system implemented for the 09 /10 round of observations.
Foundation Learning	Leelee Yates	<p>Include environmental issues as a part all PSD courses for 2020/11.</p> <p>Promote cycle to work scheme.</p> <p>Reduce paper use year on year. FMT minutes and agendas to be sent electronically – projector to be used during meetings to display items.</p> <p>Raise sustainability as an agenda item at course team and FMT meetings.</p>	<p>Inclusion of environmental/sustainability issues in lesson plans and scheme of work.</p> <p>Reduced carbon footprint from staff travelling to work.</p> <p>Reduce paper usage by 5%.</p> <p>Sustainability issues discussed at all levels of the faculty.</p>
Planning, Partnership and Development	Gemma Rietdyke and team	<ul style="list-style-type: none"> Using the TMP Economic Attainment Review and other LMI services such as the NWDA Regional Priority. Try to practice LMI that encourages faculties to develop 	Increase the awareness and the delivery of programmes that are related to low carbon and sustainability.

		programmes that are linked to low carbon and sustainability.	
Business Development	Ian Green and team	<ul style="list-style-type: none"> Try to reduce the amount of photocopying and embrace the 'scanning' facility that is being developed. <p>Introduce courses that prioritise low carbon and sustainability eg. energy efficiency – to be delivered to all clients of Atom Regeneration.</p>	A business planning process that considers the green agenda and results in a reduction in the amount of paper used.
Community	Responsibility	Targets	Outcome
Involve students in community 'green' related activities outside of courses	A. Moore	Continue with the BTCV / Barnstondale Outdoor education link to offer conservation opportunities	Improve student knowledge and involvement. Help improve link environment and links.
Recycle unwanted library books via Betterworld Books	LRC team	Review stock annually and send any unwanted/out of date materials to Betterworld Books	All old stock is sent to BWB who will either sell, redistribute it to developing communities or recycle it for us.
Culture	Responsibility	Targets	Outcome
Improve general understanding of 'green' issues with students	A. Moore / Dale Davies	Create 'Green' page on student intranet	Ongoing developments including local events, attractions and interactive online activities.
Paperless Archiving	HR Manager	All personal file records to be held electronically.	In place end December 2009. Reduce paper usage.
Electronic Payslips	HR Manager	All payslip information to be	In Place w.e.f. 1 st April 2010. Reduce

		provided individually electronically.	paper wastage and need for vehicle delivery of paper payslips.
New car mileage rates and Transport Policy	HR Manager	One rate for all size engines.	In place from November 2009.
Promotion of sustainability initiatives in all LRCs.	LRC team	Investigate possible events such as World Environment Day.	Promotion of at least 1 sustainability initiative across all LRCs in 2009/2010.
Promote a green culture	D. Scanlan SMT CMT Business Support Managers	<ul style="list-style-type: none"> • raise awareness of green issues. • Contribution to World Environment Day all Managers to hold a least one paperless meeting this year. 	<ul style="list-style-type: none"> • Green features in stakeholder newsletter. • Annual Green awareness week. • Raising awareness of use of technology to reduce use of paper.
Introduction of 'Cycle to Work Scheme'	HR Manager	<ul style="list-style-type: none"> • To introduce scheme as quickly as possible. 	<ul style="list-style-type: none"> • To operate a cycle to work scheme for college staff.