

BOARD OF GOVERNORS**25 NOVEMBER 2010**

2009/10 ANNUAL REPORT ON SUSTAINABILITY IN THE UNIVERSITY

THE BOARD'S TERMS OF REFERENCE TO WHICH THE ITEM RELATES

- 1 The Board is responsible for:
 - i) the determination of the educational character and mission of the University and for oversight of its activities;
 - ii) the effective and efficient use of resources, the solvency of the University and the Corporation and for safeguarding its assets;

PURPOSE

- 2 This report gives a summary of progress made in delivering the University's sustainable development framework during the 2009/10 academic year.

CONTEXT

- 3 The University's new sustainable development framework is a set of policies and plans which set out how the University will continually improve the management and delivery of relevant impacts and comply with relevant legislation where appropriate, including:
 - Management of our environmental impacts in relation to energy, water, waste, transport and carbon emissions;
 - Procurement and investment including maintaining Fair trade status;
 - Improving the environmental performance of our estate, including supporting biodiversity and improving the environment for our staff, students and visitors;
 - Social responsibility in particular in relation to the operational impact of our activities and that of our students in the local community;
 - Incorporating sustainable development principles in some areas of our curriculum and research activities;
 - Raising awareness of sustainable development and the contributions that the University can make in addition to the contributions that our staff, students, suppliers, business contacts and partners can also make.

CONTENT

- 4 This document sets out the results of the University's sustainability performance in relation to the following impacts:
 - Management of water, energy, waste and transport, including associated carbon emissions from these impacts;
 - Courses and Research development;

- Raising the Universities profile and awareness raising;
- Local community impacts.

PERFORMANCE AGAINST TARGETS SET OUT IN THE SUSTAINABLE DEVELOPMENT FRAMEWORK

5 This section considers the achievements against the following activities:

- Management of our environmental impacts in relation to energy, water, waste, transport and carbon emissions;
- Procurement and investment including maintaining Fair trade status;
- Improving the environmental performance of our estate, including supporting biodiversity and improving the environment for our staff, students and visitors.

6 The table below is a summary of the key performances results against the current targets set out in the University's sustainable development framework. The recent updated HEFCE reportⁱ on carbon reduction targets has confirmed the baseline as 2005. This will require the current University sustainability framework, carbon management section to be amended to take account of this. For the purposes of this report the revised baseline figures have been applied.

Energy water and waste			
Overall Target	Subsidiary objectives and targets	2009/10 Performance against the 2005/06 baseline	Performance against overall target to reduce CO₂
Reduce overall CO ₂ emissions from University owned/leased buildings by 15% (using baseline data starting at 2005/06)	Reducing the kwh/m ² energy consumption of University buildings by a minimum of 15% (space reference source: property surveying scorecard)	Fuel consumption 11.7% (absolute) reduction 13.8% (relative) reduction	7.2% (absolute) reduction 9.8% (relative) reduction
	Reducing normalised water consumption by 10% in non residential building. Performance to be recorded in terms of cubic metres of water per square metre GIA	30.1% (absolute) reduction 32.1% (relative) reduction	Working towards quantifying CO ₂ savings.
	Reducing waste (refuse) created by the University by 15%. Implement new waste strategy across the University by July 2011	23% reduction Tender complete. New contractor appointed. Targets to increase re use and recycling and reduce costs agreed.	Working towards quantifying CO ₂ savings.

Overall Target	Subsidiary objectives and target	2009 /10 progress against targets
<p>Measure CO₂ emissions and then reduce emissions by 5% from university fleet and grey fleet vehicles by 2012/13. Extend measurement and target to commuter travel by 2014/15</p>	<p>By July 2011 calculate emissions to create baseline from:</p> <p>a) University owned and leased fleet</p> <p>b) University grey fleet (e.g. cars owned by staff and used for business)</p>	<p>a) Total carbon emissions calculated for University fleet for the 2008/09 year at 84 tonnes which will form the baseline for this category of activity</p> <p>b) Total carbon emissions calculated for University grey fleet for the 2008/09 year at 200 tonnes which will form the baseline for this category of activity</p> <p>Both these results verified by Energy Saving Trust</p>
	<p>Conduct staff commuter travel surveys to calculate emissions baseline by 2010/11 year end</p>	<p>Survey of staff commuter travel to be carried out between November 2010 - February 2011. Results analysed to inform reduction target and future travel planning.</p>
	<p>Implement University green travel plans which will be continually updated.</p>	<p>Travel plan implemented demonstrated in numerous ways including:</p> <p>252 staff took up Cycle2work scheme.</p> <p>240> cycle lessons undertaken by students and staff</p> <p>2258 University subsidised public transport tickets purchased by staff</p> <p>Local Authority recognised travel plan good performance when Sheffield Hallam made Planning application for Charles St building</p> <p>Capital investment by Sheffield Hallam to improve the pedestrian route and safety in Arundel St</p> <p>Participating in the redevelopment of the City's revised transport strategy to ensure that it supports the University's business and stakeholders</p>
	<p>Review University vehicle fleet: As vehicles come up for renewal replace with alternative fuel powered vehicles on a cost effective basis.</p>	<p>To save emissions and costs: University fleets (direct and grey) reviewed by Energy Safety Trust resulting in the following reviews:</p> <ul style="list-style-type: none"> • utilisation of vehicles • vehicle procurement strategy to ensure vehicles selected are as small and efficient as possible with lowest emissions • to the systems which gather

		<p>information on and monitor usage</p> <p>Key partner of the City's Plugged in Places project: matched funding electric vehicle charging points to be installed into estate</p>
Construction		
Reducing CO ₂ emissions by 30% in future construction and refurbishment of our buildings.	To achieve BREEAM Very Good as a minimum standard in 2009 - 2012 construction and refurbishment projects	Design and plans for Charles Street building reached BREEAM very good. No other relevant projects to consider for BREEAM at time of reporting.
Environmental management system		
Implement an externally recognised environmental management system (EM System) across internal University activities by 2010/11 year end.	Conduct environmental audit by December 2010 to provide baseline.	EM System internal auditor training for relevant staff complete. Ad hoc internal audits undertaken across a range of areas of University to help gather information. Consultant appointed to carry out initial gap analysis against the ISO 14001 standard by January 2011
	Create and disseminate register of applicable regulations, legislation and other obligations by July 2010	Register created and disseminated in April 2010. Register will be reviewed as part of EM System implementation
Policy development		
Develop and implement biodiversity policy by 2010/11 year end.	Develop policy in line with anticipated introduction of government regulations relating to Planning and flood mitigation expected during 2010.	Policy in development in line with developing external policy drivers. Yorkshire in Bloom participation in 2010 (provides external evaluation of operational performance) achieved gold award.
Revise energy and water management policy by July 2011	To bring in line with EM System requirements and revised carbon management plans	Policy being reviewed on target
Ethical Investment and Procurement Policy	Actions in this area of policy development agreed at Capital Expenditure Board (CEB)	Progress to be monitored by CEB December 2010

External benchmarking

<p>To participate in and continually improve the University's performance in a range of external benchmarks</p>	<p>Completion of Business in the Community Index (Environment annually and CSR Bi annually) People and Planet league table (annually)</p> <p>Using gap analysis as action plan for University to decide how it can or needs to respond in order to improve position.</p>	<p>On target to complete Environment index when due in Jan 2011 (Gold standard achieved last two years).</p> <p>Opportunity to complete CSR audit in Dec 2011. Last audit (2005) score 72%</p> <p>People and Planet benchmark dropped from 8th place in 2009 to 34th place in 2010. Evaluation of performance and gap analysis highlighted improvements needed in the areas of ethical investment and sustainable procurement which are being addressed by Finance Directorate.</p> <p>Estates management statisticsⁱⁱ Our figures for efficiency of water consumption per student FTE' remain among the best in the sector. The EMS for 2008/09, ranked Hallam University 4th out of 151 HE Institutions on this measure.</p> <p>The University has also established a reputation as an efficient manager of energy: for example taking our results from across the total estate, the EMS for 2008/09 ranked Hallam University 5th out of 154 HE Institutions for total energy consumption per student FTE'.</p>
<p>Maintain the University's status as a Fair Trade (FT) organisation</p>	<p>Meet changing Fair Trade criteria for reaccreditation.</p> <p>Continue with successful FT partnership with Students Union to also assist them to attain Sound Impact Award</p>	<p>Achieved reaccreditation in March 2010.</p> <p>FT feedback report very positive. Students Union achieved silver status in Sound Impact Award 2010 - which is not possible without joint (SU and University) FT status</p>

COURSES AND RESEARCH

7 This section considers the achievements against the following activity:

- Incorporating sustainable development principles in some areas of our curriculum and research activities.

- 8 The number and range of courses with sustainability curriculum content that we deliver continues to grow with relevant teaching, research and business services as diverse as environmental management for businesses and renewable energy sources development through to conservation, natural landscapes and sustainable communities' development.
- 9 The Sustainability Hub is an academic, research and operational staff cross disciplinary information sharing and internal networking initiative which was launched last year. Membership from across the University continues to increase with over 170 staff now involved. The Hub provides opportunities for staff from all different sustainability subject areas to share information and learn from each other on the latest technology and knowledge available in the field and also debate these. However more importantly it is now providing the opportunity for more cross disciplinary bids for external funds and new projects with several bids to the combined value of over £500k already in the pipeline: Examples includes a bid for £356k for research into the actual health benefits of cycling and walking to work, with the opportunity to bid originating from the Facilities Directorate operational travel planning activities and through the Hub connecting to colleagues in D&S, ACES and HW: and a bid for over £50k to carry out post occupancy evaluation of renewable energy technologies in buildings, where we have proposed our own Furnival building as the proposed site: this not only enhances the bid but the University estates department will benefit from the findings of the research if successful.

RAISING AWARENESS AND RAISING THE PROFILE OF THE UNIVERSITY

- 10 This section considers some of the achievements against the following activity:
- Raising awareness of sustainable development and the contributions that the University can make in addition to the contributions that our staff, students, suppliers, business contacts and partners can also make.
- 11 The University reviewed its sustainability policy earlier in the year resulting in a sustainable development framework to help clarify our position and priorities. This has also created the opportunity to deliver Faculty and Departmental specific training and awareness sessions across the University to communicate this agenda in a more robust way and bring the new policies and plans to life. The framework will be reviewed in 2011 in light of changes from external drivers such as government influences and the need to ensure the framework's priorities are aligned to the changing needs of the institution.
- 12 Specific events to raise awareness across all our stakeholders included:
- The sustainable marriage cross disciplinary staff and student project to raise awareness of the negative environmental impact caused by the fashion industry so excited the press that details of the project and the University were communicated in hundreds of press articles across the world and in the Far East TV and radio articles also appeared;
 - "Just Fair Laughs event", raising funds for volunteering activities whilst entertaining audiences of staff, students and visitors on the subject of ethical procurement and investment by use of the comedians;
 - As part of the University's Friendly Planet Month a live TV cookery set was used to demonstrate healthy recipes from low cost nutritional foods with advice given on how to prevent food waste and the impact of food miles as well promoting the importance of ethically traded foods. Elderly local residents were invited into the University to take part in the activities creating the ideal

platform for discussions leading to greater understanding of the different lifestyles of students and local elderly residents, helping to break down barriers and reduce intolerance. An audience of over 1,000 watched the sessions with many actually taking part.

LOCAL COMMUNITY IMPACT

- 13 This section considers the achievements against the following activity:
- Social responsibility in particular in relation to the operational impact of our activities and that of our students in the local community
- 14 A new University and Students Union community liaison group was formed this year to assess and review university and student union involvement in community activities. The groups work includes developing common messages and identifying opportunities to raise awareness of the value added to local communities by student led initiatives.
- 15 During the last year 650 Hallam students took part in formal volunteering activities in the local community contributing over 12,500 volunteer hours. In addition many of our students are contributing to the city in numerous unpaid and informal activities throughout the year.
- 16 The University is supporting the City's recently introduced Community Assemblies, which have been set up to give greater powers to local people to make decisions about spending and influence policies. Our contribution was recently recognised by the central community assembly which includes most of our sites and the areas in which our students choose to live. It reported that it has developed a very positive and valued relationship with Sheffield Hallam University who is a committed member of the Partner Panel which meets quarterly to help inform the work of the Community Assembly: taking part in the local Climate Change funds scheme: supporting important local projects including the Broomhill Ward environmental study and action plan". All this work supports the City but more importantly ensures that the interests of our students and our business needs are considered and supported.
- 17 The Good Neighbours - Great Communities is a pilot project which has just begun and will run until March 2011. The pilot has two key aims:
- to improve the environment in areas of the city which have concentrations of Houses in Multiple Occupation which by coincidence are also areas mostly populated by students;
 - to create a new way of working by creating multi skilled roles that can deal with many of the issues found in these areas. The University is supporting the project to ensure the best possible outcome for our students whilst at the same time improving the areas for all in the relevant community's.
- 18 The University continues to support many and varied community and resident groups. Activities include managing and reducing the waste, litter, noise, congestion and housing saturation that some of our students can cause in some parts of the city at times. We receive many positive comments from the local community and our students for our support. Just one example is the Botanical Gate Residents Association (BGCA) who recently reported: "We are already receiving positive feedback as we deliver this year's student welcome leaflet which you helped to produce and are handed over in person by near neighbours to your students. This helps us establish good relations and makes students feel at home in the

area including building their appreciation of the effects of their behavior on the community and on the image of students and their University".

- 19 The Landlords for Excellence Programme continues to provide free 10 week training for private landlords with residential properties (many of whom house our students) in the city which is now seeing improvements to the quality and sustainability of private rented housing. This initiative is now in its 5th year with over 340 landlords with thousands of properties in the programme.
- 20 The Board is asked to receive this report.

TO BE INTRODUCED BY

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ⁱ Carbon reduction target and strategy for higher education in England , HEFCE (updated September 2010)

ⁱⁱ The Estates Management Statistics (EMS) is a data collection initiative which began ten years ago within the HE sector. The data collected is used to make comparisons of performance across a range of activities and Institutions. The EMS from 2008/09 is the most recent data set available