

## Green Gown Awards 2006-7 - Stage 1

### Shortlist



Note: Summaries are based on information provided by applicants and do not necessarily reflect the opinions of the Green Gowns organisers or judges.

### Colleges Category

#### **New College, Stamford**

***Invasion of the Green Columns*** - Traditional sodium car park lighting is being replaced with wind powered low energy lighting columns which are completely independent from the grid.

#### **Pershore Group of Colleges**

***Learning to Last*** – Infusion of sustainable development and organic principles into all aspects of the College's activities, including the curriculum, the estates and the farm, nursery and fruit unit.

#### **Trinity & All Saints College**

***Environmental Benefits from Travel Initiatives*** – An effective and cost efficient Travel Plan which is one of the main strands of the College's overall Environmental Strategy.

#### **Writtle College**

***Developing a Sustainable Estate*** – A holistic and planned approach to incorporating sustainability into the College's estate and grounds, including a high profile green building and an award winning cycle track (part of the Sustrans national network).

### Continuous Improvement Category

#### **Oxford Brookes University**

***Green Commuter Plan*** – A policy which began in 1999 has greatly reduced car usage, and has recently introduced targets for further reduction, and been extended to cover University visitors.

#### **Sheffield Hallam University**

***A Decade Of 'Small Wins'*** - A dedicated team formed to operate and maintain heating plant has been a major factor in a sustained reduction of carbon dioxide emissions and heating fuel consumption over a ten year period.

#### **Swansea College/Swansea Institute of Higher Education/University of Swansea**

***Swansea Bay Alternative Travel Forum*** – A successful collaborative initiative of educational institutions, public sector employers, transport operators and NGOs partnership to raise awareness and take-up of more sustainable forms of travelling in the area.

#### **University of Cambridge**

***Water Benefits Spring Eternal*** – A 15 year water minimisation programme, with particular emphasis on actions since 2004.

#### **University of East Anglia**

***Travel Planning from Scratch*** - Since 2003 the University has significantly reduced car journeys through tried and tested methods including charging for parking, investing in cycling, and ensuring very low cost travel on the local bus operator.

#### **University of Edinburgh**

***15 Years of Taking Sustainable Development Seriously*** – Since adopting its first Environmental Policy in 1993 the University has taken many successful actions in areas such as energy & water efficiency/carbon reduction, waste minimisation/recycling and travel planning, and played a leading role in the development of sector networks.

### **University of Glasgow**

***Splashing Out To Bring Water Benefits*** – A 10 year programme to minimise water consumption and effluent creation through investment in water saving domestic appliances, scientific equipment and building services.

### **University of Leeds**

***Strategic Environmental Management*** - A series of policies and programmes in place, involving target setting, new funding and reporting, for all key environmental areas, with an infrastructure of 32 Environmental Co-ordinators in the largest departments.

### **University of Sheffield**

***Integrated Transport Policy*** – Since 1997 the University has promoted sustainable travel without being viewed as an ‘anti car’ initiative through a range of effective projects on parking, public transport, cycling and other areas.

### **University of Ulster**

***Utility Management and Conservation Programme*** - An ongoing programme of managing utility consumption since 1990 involving no/low cost management methods and investment in the most efficient technologies has created large reductions in energy consumption and water wastage.

## **Course Content (Degrees) Category**

### **Kingston University**

***Debating Sustainability: Interactive Learning*** – Using role-playing in a level 3 module *Achieving a Sustainable Future* to provide students with insight into the diversity of stakeholders involved in, and the complexity of decision-making about, sustainable development.

### **Queens University Belfast**

***Leadership for Sustainable Development*** – A new Masters programme designed and delivered in partnership with stakeholders in the NGO, Governance, Media, Rural and Business sectors.

### **University of Bristol**

***Sustainable Development : Teaching against the Grain*** - A new and successful (in both numbers and feedback) module about environmental and social issues which is based on interdisciplinary teaching and available to most undergraduates.

### **University of Cape Town**

***Civilising the Engineers*** – A new Masters Programme in Urban Infrastructure Design and Management addressing the issues of sustainable development in South Africa and, by extension, the Third World.

### **University of Gloucestershire**

***Language and Ecology*** - A first year Humanities module which explores sustainability issues through critical analysis of texts and images, with the aims of a) encouraging students to link all aspects of their future study at university with sustainability issues and b) developing their critical awareness of constructions of society which surround them.

### **University of Plymouth**

***Embedding Sustainability into Construction Degrees*** - An initiative to comprehensively embed sustainability literacy within a suite of existing career-oriented construction courses.

## **Course Content (Professional & Vocational Skills) Category**

### **Bishop Burton College**

***Sustainable Development within the Land-based Curriculum*** - National Diploma Countryside Management, Fish Management and Gamekeeping students are studying for the NCFE ‘Certificate in Sustainable Development’ alongside their main qualification.

### **Sheffield Hallam University**

**Landlords for Excellence Programme** – Training and other support for private sector providers of student housing to create greater awareness of environmental and social issues, and resulting actions for improvement.

### **Swansea Institute of Higher Education**

**Living Sustainably** - A taught module, which encourages its students to apply sustainability to their subject area, work or personal life; not just talk or write about it! Staff and students from the two Swansea higher education institutions, and members of the public have successfully studied the module over the last three years.

### **University of Chester**

**Carbon Neutral Cheshire** – Staff and students supporting community initiatives to achieve carbon neutrality, inspiring Chester District Council to launch the CRed Chester initiative for all its 120,000 citizens.

## **Energy & Water Efficiency Category**

### **Plymouth College of Further Education**

**Blowing in the Wind** - Two 6kW wind turbines at the College's Innovation Centre demonstrate that renewables, as well as other energy saving technologies, can be included within a new building without significantly increasing the construction cost.

### **University of Brighton**

**Getting Hot on the Sunshine Coast** - The university's Eastbourne campus hosts one of the largest solar thermal arrays in the country, covering approximately 180m<sup>2</sup> of the sports centre's roof area.

### **University of Bristol (1)**

**Minimising Energy in Highly Serviced Buildings** – Benchmarking of the Dorothy Hodgkin Building (DHB), a highly-serviced medical research facility, identified opportunities for improvement and led to a 10% reduction in energy consumption through improved chiller management and the installation of Liquid Pressure Amplification.

### **University of Bristol (2)**

**An Energy Efficient Cooling Strategy**- The University is discouraging use of air conditioning on its campus through simple design tools, specifications, training and more central control.

### **University of Southampton**

**Highfield District Heating and CHP** – A large-scale scheme to upgrade and create more energy efficient supply through new co-generation plant with condensing economisers and installation of absorption cooling plant.

### **University of Warwick**

**New Routes for Heating** – Integration of the Rootes Halls of Residence into the University's CHP network reduces energy consumption and carbon emissions, and has maintenance benefits.

## **Student Initiatives Category**

### **Durham University, Sustainable Living Action Group**

**Viral Marketing of the Environment** – Stimulating changes in attitudes and behaviour in students through a team of (modestly) paid student volunteers, supported by a university-paid coordinator.

### **Kingston University and Students' Union**

**Positive Environment Kingston** – A joint initiative between the, Kingston University's Students Union, Kingston University, and the Royal Borough of Kingston to build the capacity of local

organisations in improving their environmental performance by providing student volunteers who are trained as mentors.

### **Loughborough University and Students' Union**

**Energy Saving Breeds Hall Spirit and Savings** - Loughborough University worked with the Students' Union in 2005/06 to reduce campus energy consumption and costs through an incentive scheme for halls of residence.

### **North Devon College, Student Green Group**

**Regional Influence from Local Action** - A student-led youth group, facilitated by a college employed youth worker, has run successful campaigns and awareness raising sessions on environmental, social and sustainable development issues for both college students, teachers and undergraduates at the University of Plymouth.

### **Roehampton University, People and Planet Society**

**Operation Greener Uni** - An ongoing, student led, campaign to improve the environmental performance of Roehampton University.

### **University of York and Students' Union**

**Bike Auction** - A Student Union initiative to collect and store unwanted bikes at the end of year, and then auction them to students at the start of the next, with proceeds going to charity and transport improvements.

## **Sustainable Construction Category**

### **King's College, London**

**Transforming a Grade 1 Listed Building** – Reduced energy and carbon emissions from a sustainable refurbishment of the historic South Range of the King's Building.

### **University of Cambridge**

**Plant Growth Facility** – Minimising lifetime environmental impacts through sustainable materials, biodiversity focused landscaping, high insulation, sustainable urban drainage systems, minimal car parking and other means.

### **University of Dundee**

**Queen Mother Building** – A flexible research and teaching centre for the School of Computing using natural ventilation, sustainable materials and waste heat from a CHP plant.

### **University of Essex**

**Energy Efficient Cooling** - A 'flagship' 1000 seater Lecture Hall fitted with an energy efficient, ozone friendly, and low maintenance adiabatic cooling system.