



The University of  
**Nottingham**

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# Sustainability Review 2010- 2015

[www.nottingham.ac.uk/sustainability](http://www.nottingham.ac.uk/sustainability)

 UoNSustainability

 @Uonsustain



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## Executive Summary

The University of Nottingham is well known for its commitment to sustainability and, increasingly, we are successfully demonstrating how we are embedding this in our teaching and learning, through our research and across our campus operations.

This report outlines a summary of our performance over the last 5 years, which includes:

- Since its inception in 2010 been in the top two of the UI Green Metric University Ranking, being placed first for 3 consecutive years.
- A significant growth in Education for sustainable development through both formal teaching and global MOOC's.
- Year on year increases in recycling and recovery across the University and a significant reduction in waste per student.
- Investment in carbon reduction projects realising 11,000 tonnes of carbon savings and an absolute reduction in emissions against the backdrop of an expanding estate.
- Expanding transport choice enabling more active travel and less reliance on the car for travelling to the University.
- 11 major capital projects all of which achieved BREEAM excellent or better, more than any other University.
- Numerous awards and accolades for our campus grounds.

The report outlines some key challenges ahead, not least the continued commitment to reducing carbon emissions from our activities in a period of growth and investment in energy intensive research.

In 2015 -16 we will prepare and launch a new Sustainability Strategy that delivers the ambitions set out in the University's Strategy 2020 with a programme including further investment in our energy and carbon management plan that will see a step change in our performance; continued investment in our waste management, transport and procurement as well as strengthening the links between our teaching, research and operational activities.

## 1. Corporate Governance

The University continues to ensure that sustainability is embedded within its teaching, research and operations. In recognition of this, the University's Strategy 2020 sees a clear commitment towards sustainability and social responsibility that considers a wider social, economic and environmental commitment. In line with this we will be launching a new Sustainability Strategy building on our commitment to environmental excellence that has provided a firm foundation.

Our sustainability agenda is supported by a formal Environment Committee which is chaired by a member of the University Executive Board and includes representatives from a representative range of services, functions and campuses. As well as measuring our own internal progress we utilise a number of external benchmarks to measure our progress and performance

- The University has continued to be placed in the top two of the [UI Green Metric World University Ranking](#) carried out by the University of Indonesia
  - 2010 - 2<sup>nd</sup> Place
  - 2011 - 1<sup>st</sup> Place
  - 2012 - 2<sup>nd</sup> Place
  - 2013 - 1<sup>st</sup> Place
  - 2014 - 1<sup>st</sup> Place
  - 2015 - 1<sup>st</sup> Place
- The University was awarded a 2.1 in the annual [People and Planet Green League in 2015](#). This league is a comprehensive and independent league table of UK Universities ranked by environmental and ethical performance.
  - 2010 - 2.2
  - 2011 - 2.2
  - 2012 - 2.1
  - 2013 - 2.1
  - 2015 - 2.1
- Retained Bronze level in the EcoCampus programme to develop an environmental management system



## **2. Teaching and learning**

Environmental sustainability has always been a strong element within Nottingham's teaching programs at both undergraduate and postgraduate level across a range of disciplines that reflect the future global challenges. Many schools and departments offer courses with a strong environmental bias which include:

- Chemical and Environmental Engineering
- School of Geography
- Environmental Science and Biosciences
- Division of Agricultural and Environmental Sciences
- Architecture and Built Environment

Many schools allow their students to take an optional module to supplement the core subject of their degree.

The University has developed a reputation as a leader in the fields of Education for Sustainability since its decision to embed sustainability into the core business of teaching and learning. This was driven by a number of elements including: our mission and values; research that supported the view that students make choices related to the sustainability credentials of institutions and a requirement from HEFCE that universities increase their sustainability of all aspects of their operations – estates, technologies, quality assurance and teaching and learning



As part of the Higher Education Academy Green Academy: Curriculum for Tomorrow programme the University created a small team which included academics, professional service staff and students who, supported by, sustainability and change management experts, helped us to develop an action plan to embed sustainability within the curriculum.

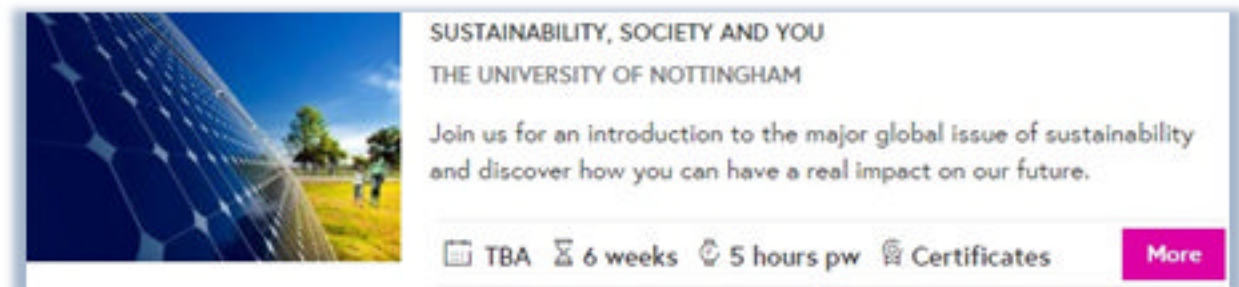
In 2013 the University launched a new "Perspectives on Sustainability" Nottingham Open Online Course (NOOC) which considered sustainability from a range of different perspectives. This included content from geography,



engineering, business and the arts and humanities but also the perspectives of different stakeholder groups: students, employers and professions, corporate and academic staff working in higher education. This area has grown from strength to strength with this first module attracting more than 1,000 learners from across the University.

Mindful of the global context of the sustainability agenda and our commitment to sustainability globally, we developed this further and have developed a Massive Open Online Course (MOOC) to create an interdisciplinary online course, 'Sustainability, Society and You'.

The MOOC was delivered twice in 2014 and has engaged 13,000 learners many of which were local learners as well as from around the globe, allowing for varied and lively debate. From October 2014 the NOOC course 'Perspectives on Sustainability' was approved as a 1st year UG elective and is offered for both academic and Nottingham Advantage Award credit. More recently we have seen the development of further on line teaching with a MOOC recently launched that aims to understand the issue of Fracking and a NOOC within the CSR MBA within the Business School.



Online learning continues to be a growth area with 4,131 people enrolled on the latest iteration of Sustainability, Society and You Massive Open Online Course (MOOC). The Institute of Environmental Management and Assessment (IEMA), the professional body of environmental/sustainability professionals, have endorsed the course and this has increased some of the discussions.

Over the last few years the University has invested in less formal education for sustainable development activity building on the Higher Education Academy Green Academy work, the Sustainability 'Grand challenge' though to the informal NOOC's, MOOC's and Nottingham Advantage Award.

### **3. Research**

The University of Nottingham coordinates research on some of the most pressing human concerns and global social challenges. Our academics work across three different but complementary national contexts at our campuses in the UK, China and Malaysia.

For decades the University has been contributing to improving the lives of people across the globe through its research, from the pioneering work of Sir Peter Mansfield in the early 1970's into Magnetic Resonance Imaging through to the latest research looking into Crops for the Future.

The University of Nottingham has established a number of Research and Knowledge Transfer Priority Groups. Within each of these priority groups there is significant research that is contributing to sustainability and social responsibility, whilst there are far too many to include within this report. Some of the key ones include:

#### **Global Food Security - Crops for the Future**

Crops for the Future is an international organisation dedicated to neglected and underutilised crops it is a joint venture hosted in Malaysia by The University of Nottingham, Malaysia Campus and Bioversity International.

Crops for The Future supports, collects, synthesizes and promotes knowledge on neglected and underutilised species for the benefit of the poor and the environment.



## Science, Technology and Society

This area brings together academics from various faculties to provide high-impact, agenda-setting, and policy-relevant research at the intersection between science and society.

The main research strands are:

- Responsible Innovation - the benefits and risks of emerging technologies such as fracking, geoengineering, nanotechnology, synthetic biology
- Energy and climate change
- Politics and publics - public trust in science, capacity of science to underpin political legitimacy, tensions in the relationship between government and science. Includes Making Science Public project.
- Specific research projects over the last three years have included
- Cultural framing of climate change debates
- Social and ethical implications of biofuels and other new energy sources
- Rural hybrid energy enterprise systems
- Public understanding of science and issues of political legitimacy, scientific authority and democratic participation

## Integrating Global Society

The University of Nottingham brings together leading scholars from across the social science disciplines to provide high impact, agenda-setting and policy-relevant research on the dynamics and effects of globalization on contemporary society.

There are three main research pillars:

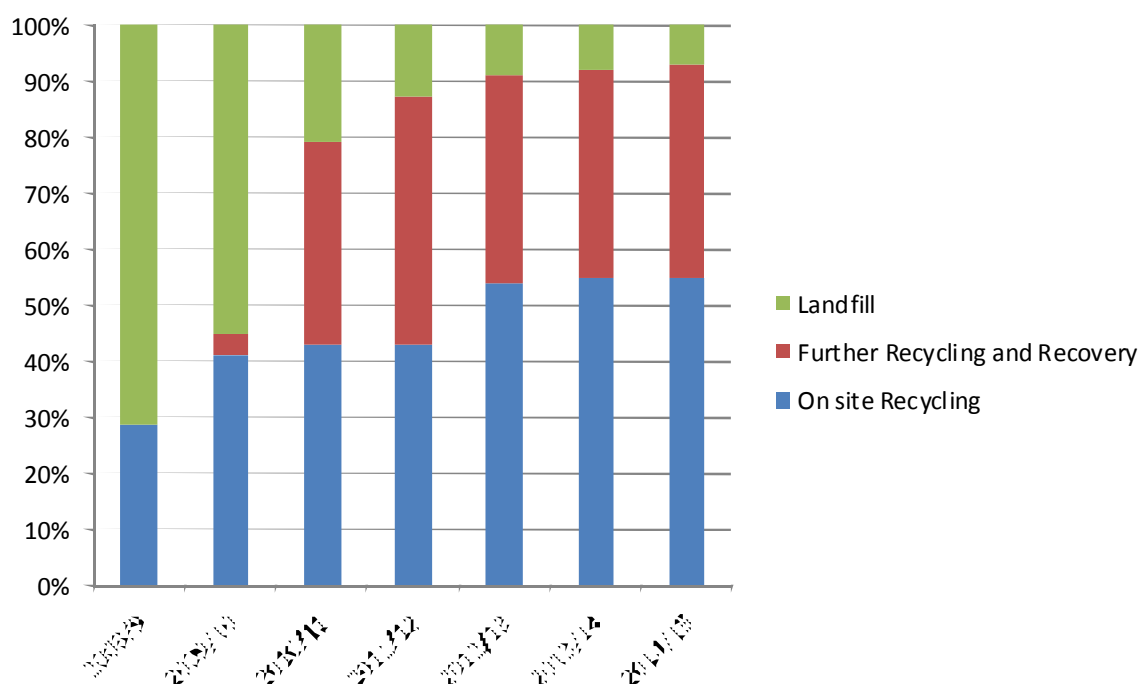
- Globalisation and uneven development - economic performance and competitiveness, uneven development in the 'Global South', globalization and economic policy.
- Finance and society – financial capability, exploring access to affordable financial services for securing the long-term future of individuals and households, financing welfare



- Social dynamics and uncertainty – population change, displacement and migration, Global inequality and making a living, democracy and governance, Human rights, asylum & aid and Corporate social responsibility

#### 4. Waste and Recycling

Over the last seven years we have seen year on year increases in our recovery and recycling rates on campus, with less waste material being sent to landfill. In 2014/15 we had an onsite recycling rates of 55% (made up of glass, paper, card, plastic and metal), with further recovery resulting in less than 8 % of waste going to landfill. Over this last year significant work has been done undertaken to extract food waste from the general waste reducing contamination and enabling greater recovery rates.



Whilst we have seen expansion of the University over that period we have seen our recycling and recovery rates increase and also the amount of waste per student decrease.



Our recycling of waste electrical and electronic equipment including computers saved 55 tonnes of product being disposed of with a significant amount of it being reprocessed and remarketed for reuse by our computer supplier SCC.

Further on-street recycling facilities have been installed across all sites to capture more recyclate at source, by making it easier for staff, students and visitors to easily segregate their waste.

Our end of term bag scheme generated more than 200 bags of unwanted items such as cloths, cutler and bedding were collected for re-use by local charity, Voluntary Action Broxtowe.

The further expansion of food waste collection has resulted in 130 tonnes of food waste being segregated and through a process of anaerobic digestion turned into energy, with catering colleagues working on reducing this further by identifying its point of origin. Work is underway in academic departments to utilise food waste, such as coffee grinds, to establish potential solutions to waste and energy

Within the School of Physics and the wider faculties of engineering and science re-use has been taken a step further. By successfully capturing helium gas from across a number of Schools using a network of underground pipework and bespoke gas trailers, gasbags and compressors.

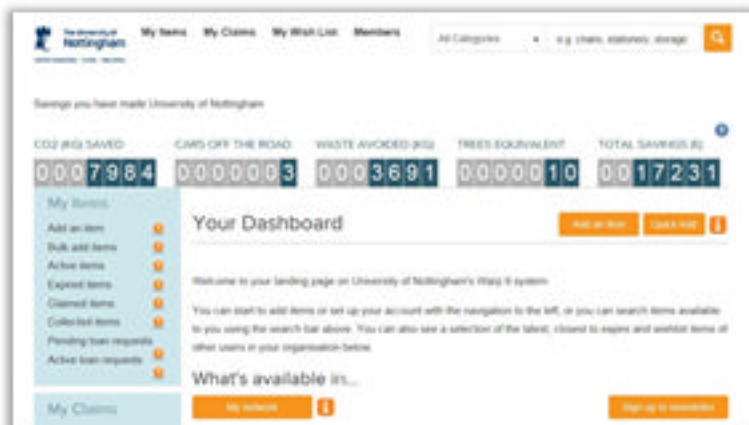


They have developed a way of recapturing the gas and returning it to the main hub, where it is re-liquefied, distributed and reused. It encompasses all existing methods/techniques of Helium recovery into one system, vastly increasing the capture of previously lost gas. This protects and futureproofs The University from dramatic fluctuations in availability and cost. At current usage rates worldwide helium reserves are estimated to be exhausted in the next 25 to 35

years. This project gained recognition by winning The 2015 Guardian University Award for Sustainability and a highly commended award at the 2015 Green Gown Awards.

It hasn't all been about recycling and recovery, we have been working with suppliers to reduce waste associated with products and goods we receive and also reuse as more items. Mindful of the volume of furniture and equipment in circulation across the university that periodically is replaced we have set up an

internal online waste exchange to facilitate the reuse of a range of items. To date the WARP-IT system delivered £30,087 of avoided spend and 5.9 tonnes of landfill savings.



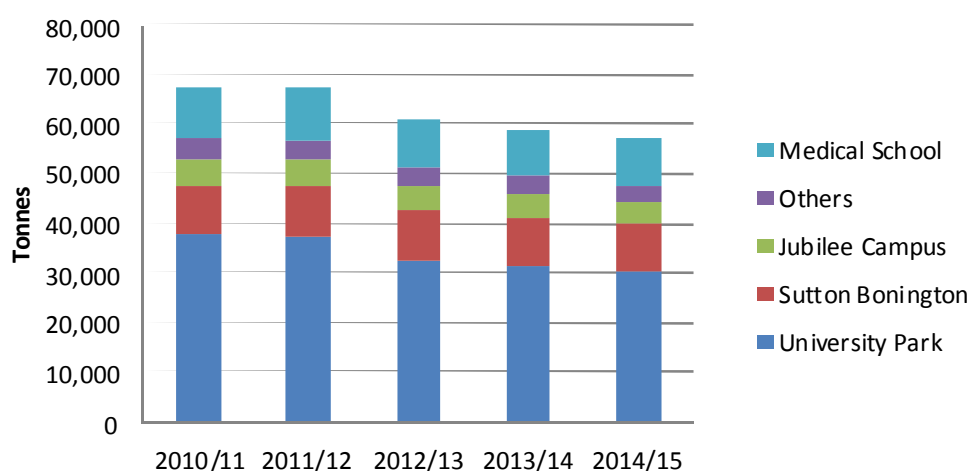
## 5. Carbon Management

The University's carbon management plan (CMP) was approved in December 2010 and included targets for reductions in emissions of CO<sub>2</sub> from energy consumption. It identifies the principal areas of energy use and our investment programmes to improve energy efficiency, reduce consumption and generate energy from lower carbon and renewable energy sources.

Our reported Scope 1 and 2 Carbon dioxide emissions for 2014/15 have showed a decrease of 2.9%. Emissions for year 2014/15 are 57,596 t CO<sub>2</sub> a decrease from 2013/14 of 1,736 t and down 10,392 t from 2009/10 baseline of 67,998 t CO<sub>2</sub>.

Investment has focused on areas where cost effective investments can be readily made in terms of carbon and cost reduction as well as energy and revenue generation e.g. Sutton Bonington Combined Heat and power scheme

### Carbon Dioxide Emissions



The fifth year's programme invested £2.8m in projects across all areas of the CMP, with predicted annual savings totalling £433k and 2,021 tonnes of CO<sub>2</sub>. Since 2010 our CMP has invested in excess of £10.8m, with estimated annual savings in the region of 11,000 tonnes of CO<sub>2</sub>.

Year	2010/11	2011/12	2012/13	2013/14	2014/15	Total
Investment (£)	1,509,361	1,489,937	2,806,613	2,136,070	2,863,391	10,805,372
Carbon Saving (tonnes)	4,096	2,028	1,522	1,390	2,021	11,057

Schemes over this last five years have varied in scale and scope, with significant work undertaken in the early years on improving insulation and controls within our building stock, lighting upgrades, boiler and chiller upgrades.



More recently much work has been done within the laboratory environment with upgrades and modifications to fume cupboards delivering significant carbon savings.

This year investments have covered a range of areas, including plant replacement (boilers and chillers), replacement LED lighting upgrades, and the continuation of insulation and double glazing projects along with energy saving fume cupboard upgrades. Targeted action at the Medical School continues with projects to replace the majority of the large centralised chilled water production and reduce the ventilation losses through service void areas between the user



floors. Significant work has commenced at Sutton Bonington to develop campus wide low carbon energy solutions including a mixed renewable generation portfolio. A 800kW Combined heat and power (CHP) has recently been completed ready for operation as the winter

period approaches and 1000m<sup>2</sup> PV array on the installed on the School of Veterinary Science and Medicine. A project to install a 500kW wind turbine project has been submitted for planning with a decision expected early 2016.



Since the publication of the CMP in 2010 the University has continued to grow and the carbon associated with the University's development exceeded its projected additional carbon of 3,000 tonnes by the end of 2012. This can be explained by the impact of increased activity especially in areas of energy intensive research. We anticipate further growth over the coming 5 years as the University creates new science, technology and engineering research buildings.

Over the remaining life of the Carbon Management plan the University will continue to significantly expand its capital program to 2020 along with continued expansion in energy intensive research activity. The CMP will therefore continue to invest in the existing estate and new build projects continue to meet the very highest sustainability standards. As a result, future projects will seek to achieve significant carbon reduction targets, realise financial benefits and improve system/ infrastructure resilience with an associated delivery plan to ensure it is well aligned with the University's Strategy 2020.

## 6. Travel and Transport

The University is committed to increasing transport choice for students, staff and visitors to our campuses. With a University population in excess of 35,000 we are larger than some small towns and the impact of our travel activities could be significant.

Mindful of this The University has developed a suite of creative projects mainstreaming sustainable, healthy travel options that has reduced single-occupancy car use.

The University recognises the need for connectivity between its campuses and encourages walking and cycling as well as providing a free intercampus hopper bus travel service, £850k (2015) annual cost. This service started initially to Sutton Bonington and has grown to include all campuses as the estate expanded. Each year this carries in excess of 1.2 million passengers. As the University grows the demands on this service will change.



In addition to our hopper buses we have developed a partnership approach with local bus providers which has resulted in a significant increase in both connectivity to and from our campuses, but also an increase in opportunities for staff and students to travel at a discount via advanced purchase schemes; in recent years we have seen this advanced purchase expanded to include train travel. This last year we have seen the launch of the 2<sup>nd</sup> phase of the Nottingham Express Transit tram system, providing direct tram connectivity to University Park.

2010 saw the launch of the UCycle Nottingham project. The project run in partnership with Sustrans, aimed to increase the numbers of staff and students cycling at Nottingham's universities and hospitals. The project ran for 5 years and included significant engagement activity including monthly Dr Bike clinics,

secondhand bike markets, bike breakfasts, guided cycle rides and bike maintenance workshops.



A major part of the scheme was the establishment of a student bike hire scheme, this has now been passed on to [Enactus](#) to run on behalf of the University. Our two cycle to work schemes continue to be popular with more than 500 staff members taking advantage of them each

year. At the same time we have seen significant investment in on-site facilities for those cycling, which has included:

- Cycle lanes built on both University Park and Jubilee Campus to provide safe and efficient connectivity
- Additional lockers installed across the University for cyclists
- A significant increase in cycle parking availability from 3,600 in 2010 to over 4,800 today
- More than 2,200 bikes parked on campus every day
- Newly constructed card accessible compounds on all campuses and provision of more than 25 covered cycle parking areas
- Installation of fix-it stands on all campuses so that cyclists can carry out repairs whilst on campus



We have carried out work to improve our car park management systems, including resurfacing, improved line marking and on site speed reduction measures. Recognising the growing demand for parking space and the implementation of the Work Place Parking levy the University in 2011 introduced

car parking charges, these charges are based upon a combination of both salary and vehicle emissions. This has resulted in fewer vehicles on campus enabling us to remove car parking and more people utilising more sustainable forms of transport.

Significant research around alternative fuels is on-going throughout the University with one of the first hydrogen refuelling stations in the UK in operation at Jubilee Campus. Various departments over the years have run alternative fuel vehicles with the Faculty of Engineering running a hydrogen van and 20% of the new Estate Office vehicle fleet being 100% electric.



At the same time we have invested in infrastructure to support alternative fuel use. We have installed publicly available electric vehicle charge points on our four main campuses.

The international nature of the University and its spread across the region necessitates significant business travel. To support this, a new expenses system was introduced to allow travellers to view the carbon emissions and cost of a potential trip, enabling informed decisions. For those choosing to travel by more sustainable an increased cycle allowance and pool bikes have been introduced.

As a result of this investment we have seen a reduction in staff travelling to the University by vehicle from 57% in 2010 to 47% in 2015, and at the same time seen an increase in staff choosing active travel (cycling and walking) from 21% in 2010 to 16 in 2015, and over the same period student use of public transport has increased from 22% to 30%

## 7. Capital Development

The last five years have been a time of continued growth at University with an expansive capital programme. Since 2010 we have seen the building stock increase by over 70,000 M2. Throughout this period the we have continued to push the boundaries of sustainable design and through utilising renewable energy and innovative technologies we have been able to minimise the impact of our capital development programme and continue to use the Building Research Establishment Environmental Assessment Methodology (BREEAM) to assess our progress, with all our major developments designed to meet as a minimum the BREEAM *Excellent* standard.



Renewable energy technologies are an integral part of our capital projects with technologies used including:

- Biomass & biofuel boilers
- Ground, air and lake source heat
- Combined heat and power systems
- Solar Thermal and Solar PV systems

Sustainability is very much at the heart of Jubilee Campus with its origins in urban regeneration and brown field development. Today it includes significant buildings includes the Nottingham Geospatial Building, which utilizes biomass boiler technology, The Sir Colin Campbell Building, using lake source technology and the Energy Technologies Building, which hosts electric vehicle charging points, a hydrogen refuelling station and achieved a BREEAM 'Outstanding' rating.



The Gateway Building at Sutton Bonington Campus is one of the largest prefabricated straw bale buildings in Europe, insulated with 1,954 straw bales harvested on the University's own farmland 200 yards from the campus.



The University has built a number of real homes to conduct research into energy efficiency and low carbon housing. Working with various industry sponsors, the Creative Energy Homes showcase innovative energy-efficiency homes of the future on a real street.

Our commitment to high performing buildings has extended to our overseas campuses where The Centre for Sustainable Energy Technologies (CSET) is the first zero carbon building in China. It has been designed to serve as an exemplar building, demonstrating state-of-the-art techniques for environmentally responsible and sustainable construction. The building provides 100 percent of its energy usage for lighting, power, heating and cooling from sources such as PV panels, solar absorption air conditioning system, geothermal heat pumps and wind turbine





Work is currently underway on a new centre for sustainable chemistry, the first carbon neutral laboratory to be built in the UK.



The building will achieve BREEAM 'Outstanding' and LEED 'Platinum' and carbon neutral status after 25 years. The laboratory will be built from natural materials and energy required to run the laboratory will be met by renewable sources such as solar power and sustainable

biofuel. Excess energy created by the building will provide enough carbon credits over 25 years to pay back the carbon used in its construction and is being used to heat the nearby office development on campus.

Over the last 5 years the University has completed 11 major capital projects all of which achieved BREEAM excellent or better, more than any other University.

○ Romax Building	Excellent
○ Institute of Mental Health	Excellent
○ Si Yuan Building	Excellent
○ Energy Technologies Building	Outstanding
○ Aerospace Technology centre	Excellent
○ Engineering Science Learning Centre	Excellent
○ Mathematics Building	Excellent
○ Humanities Building	Excellent
○ Highfields House	Excellent
○ The Orchard Hotel	Excellent
○ The Barn	Excellent

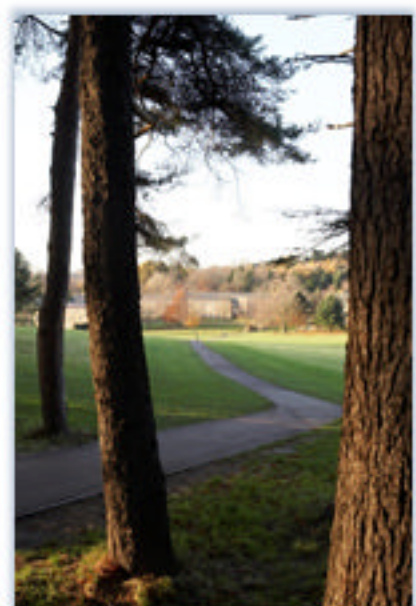
## 8. Landscape & Campus Grounds

The University is renowned for its attractive campuses worldwide and its something that is cherished by the University. Both University Park and Jubilee campus have won numerous awards and accolades over the years with both awarded Green Flag status in 2015. The Green Flag award launched in 1996 is the benchmark national standard for parks and green space in the UK and aims to recognise and reward the best green spaces in the country

Operationally we continue to minimise our environmental impact through a variety of gardening practises and manage our grounds and gardens to encourage biodiversity, including:

- Horticultural green waste used to produce compost and mulching materials
- Prunings and felled timber left as habitat piles in woodland areas
- Dead or dying trees left standing as habitats
- Planting of short rotation coppice willow as an example of energy crops
- Reduced parkland mowing to reduce carbon emissions
- Allowing wild flowers to establish and set seed

University Park campus is recognised as an exceptional habitat for bats with 9 of the known UK species and in recent years in partnership with charity MENCAP we have installed an additional forty bat boxes on University Park and Sutton Bonington. Bees have been added to some sites in an effort to increase pollination of wild flowers and therefore enhance plant numbers and diversity. The bats are attracted to growing numbers of insects which in turn are thriving as the University encourages wildlife-rich meadow grassland.



Habitats across our UK campuses include meadow, managed waterways, indigenous hedgerows and hedges laid for wildlife, areas of copse and small woodland, log heaps, bird and bat boxes, and fruit bushes, all contributing to biodiversity. The University also provides allotments, managed by student volunteers where students are able to grow their own food crops on site.



In 2012/13 the University was chosen as part of the Woodland Trust's Jubilee Woods project, which aimed to plant 6 million trees in honour of the Queen's 2012 Diamond Jubilee, creating beautiful new woodlands as a lasting legacy. The



Diamond Wood in the village of Sutton Bonington has been designed as a native woodland and a community education resource demonstrating biodiversity and sustainability in woodland practices. We have planted in

excess of 40,000 trees that include English Oak, Field Maple, Hawthorn, Rowan and Downy Birch as well as a number of specimen trees. The site has continued to be developed with the installation of a trim trail on the site and the pond area

at Pasture Lane site has been enhanced by the planting of marginal and emergent plant communities to improve habitat. Reed beds have established particularly well and are a valuable habitat for aquatic and terrestrial species.

Linking our students with the landscape in which they live and study has been a part of our work in recent years and we have worked with both conservation groups and student volunteers to carry out a number of projects including:

- A count of Nottingham Crocus (*Crocus vernus*) - a locally endangered species on University Park.
- Habitat improvement work to enable the Nottingham Crocus to proliferate over an area of ground near Lenton Lodge, which involved clearing land by hand of scrub, brambles and saplings.



The Friends of University Park continue to organise and support a wide range of events in the grounds, these include educational and interest guided tours, which are open to the wider community. The University is committed to informal learning programmes and working with community groups. To that end we have offer a range of Wildlife Tours, Winter Walks, and Heritage tours around our campuses, as well as numerous events that have attracted significant numbers of visitors to our grounds and gardens.

## 9. Awards and Accolades

For a number of years we have won numerous awards for our sustainability work

<u>Year</u>	<u>Award</u>
2015	2015 Green Gown Awards - Enterprise & Employability (Enactus Nottingham) – Winner
2015	2015 Green Gown Awards – Carbon Reduction – Highly Commended
2015	2015 Green Gown Awards – Facilities and Services (Helium – Lost in Space) – Highly Commended
2015	2015 Green Gown Awards – Research and Development (Creative Energy Homes) - Finalist
2015	DesignCurial named University of Nottingham in 'World's 10 Best Green Universities' – Gateway Building mentioned
2015	Green Flag Park Award Jubilee Campus
2015	Green Flag Park Award University Park
2015	People and Planet Green League – ranking – 42 <sup>nd</sup> – 2.1 award
2014	UI Green Metric World University Ranking – 1 <sup>st</sup> . Nottingham named the most environmentally friendly campus
2014	'Highly Commended' in the Green Gown Awards for the pioneering Massive Online Open Course 'Sustainability, Society and You'.
2014	Runner-up in the Public Sector Sustainability Awards for Education Sector
2014	Green Flag Park Award Jubilee Campus
2014	Green Flag Park Award University Park
2013	People and Planet Green League – ranking – 70 <sup>th</sup> – 2.1 award.
2013	UI Green Metric World University Ranking – 1 <sup>st</sup> . Nottingham named the most environmentally friendly campus
2013	RHS 'It's Your Neighbourhood' Awards, Sutton Bonington Allotment, Level 4 (Thriving)
2013	Nottingham in Bloom Committee Special Award for an Outstanding Contribution to Nottingham in Bloom
2013	East Midlands in Bloom Regional Award for Horticultural Excellence in Parks
2013	Green Flag Park Award, Jubilee Campus Grounds, Keep Britain Tidy Org
2013	Green Flag Park Award, University Park Grounds, Keep Britain Tidy Org

2012	People & Planet Green League – ranking 57 <sup>th</sup> , 2.1 award
2012	UI GreenMetric World University Ranking – 2 <sup>nd</sup>
2012	Times Higher Education Awards – Outstanding Contribution to Sustainable Development
2012	Green Gowns – Highly Commended (Learning & Skills)
2012	RHS Britain in Bloom It's Your Neighbourhood Campaign – Sutton Bonington Allotment Society, Level 4 (Thriving)
2012	RHS Britain in Bloom It's Your Neighbourhood Campaign – University of Nottingham Allotment Society, Level 3 (Developing)
2012	Nottingham in Bloom – Best Business Premises – Gold Award for North Entrance
2012	Civic Trust Green Flag Award for University Park
2011	UI GreenMetric World University Ranking – 1 <sup>st</sup> . Nottingham named the most environmentally-friendly campus.
2011	People & Planet Green League – ranking 83 <sup>rd</sup> , 2.2 award
2011	Nottingham in Bloom – Best Business Gold Award
2011	RHS Britain in Bloom It's Your Neighbourhood Campaign – University of Nottingham Allotment Society, Level 5 (Outstanding)
2011	Civic Trust Green Flag Award for University Park
2010	UI GreenMetric World University Ranking – 2 <sup>nd</sup> . Nottingham ranked second in a league table of the world's most environmentally-friendly higher education institutions.
2010	Green Gowns – Highly Commended (Continuous Improvement)
2010	People & Planet Green League – ranking 53 <sup>rd</sup> , 2.2 award
2010	Nottingham in Bloom – Best Business Category for North Entrance
2010	Civic Trust Green Flag Award for University Park
2009	University Environmental Champions Network awarded the Nottingham Wildlife Trust's "Living for Tomorrow" award in the 2009 Green Guardian Awards
2009	People & Planet Green League – ranking 38 <sup>th</sup>



## **Sustainable Construction Awards**

<u>Year</u>	<u>Award</u>
<b>The Barn</b>	
2015	RIBA Design Awards – Winner – Sustainability Award
<b>Romax</b>	
2014	Insider/East Midlands Property Dinner – Winner: Sustainability – Romax Building
<b>Highfield House</b>	
2013	RIBA Design Award – Winner – Regional Award; Winner – Conservation Award; Winner – Client of the Year
2013	RICS Conservation/Regeneration Design Award – Highly Commended
<b>Energy Technologies Building</b>	
2014	BRE BREEAM Awards 2014 – Winner
2013	Construction News 'Sustainable Project of the Year under £10m' Construction Award – Highly Commended
<b>Nottingham Geospatial Building</b>	
2010	RICS Awards East Midlands – Short-listed in the category of 'Regeneration'
<b>Sir Colin Campbell/Yang Fujia/Amenities Buildings and Aspire Sculpture</b>	
2010	RICS Awards East Midlands – Highly Commended in the category of 'Sustainability'
2009	Lord Mayor's Awards for Urban Design 2009 – Commendation for Public Realm for the Innovation Park