

SUSTAINABILITY AT KENT SUCCESSSES 2017-2018



“Being Environment Officer in such a large university is not only challenging but exciting. The key to success in changing our habits, moving forward and respecting the planet we live on is to work all together towards this same goal – co-operation with Kent Union, with University of Kent staff, with the local community and students is what drives me, and, most of all, what has driven change.

Constant reminders to use a reusable cup instead of disposable ones in the library have resulted in more students using them – and less waste created. Mutual aid to set up organic vegetables stalls and the implementation of a pick-up scheme have resulted in more students ordering them and eating their organic greens each week. All my actions have the same goal: preserve the environment we live in at first, and make it even better and healthier on top of that. We are lucky to be in a vibrant university, full of young people wanting to make a change with commitment and enthusiasm. Let’s make the most out of it and create a more sustainable University for all our futures’ sake.”

Tiffany Oudin-Dubois
Kent Union Environment Officer

FORWORD

The University of Kent, as the UK's European university, prides itself on a commitment to promoting and achieving sustainability both locally and globally.

Our third annual sustainability report highlights the University's commitment to the United Nation's Sustainable Development Goals (SDGs). In March 2018, the Vice-Chancellor signed the Environmental Association of Universities and Colleges (EAUC) SDG Education Accord, which commits the University to embedding sustainability across its operations, teaching, research and leadership.

This report sets out how we have started this process of embedding the goals in everything that we do as an institution and the successes achieved so far. It also showcases the value of our collaborations that are vital to delivering and supporting sustainability across the county.

The achievements within are the result of efforts across professional services, academic schools and the student body and we would like to take this opportunity to thank everyone who has contributed to the sustainability movement at the University.



Bernard Angus
Director of Safety, Health
and Environment Unit



Peter Czarnomski
Director of Estates



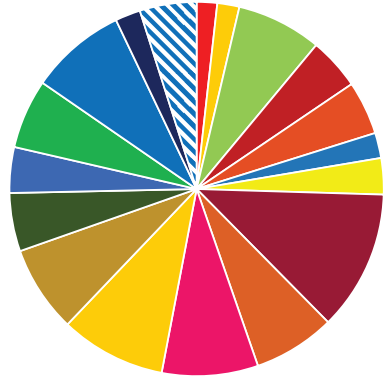
1 POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	
6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS

SUSTAINABLE DEVELOPMENT GOALS EDUCATION ACCORD

In March 2018 the University's Vice-Chancellor and President, Professor Karen Cox, signed the Sustainable Development Goals Education Accord on behalf of the University. The accord sets out the role universities and colleges can play in the delivery of the 17 Sustainable Development Goals which were created by 193 global leaders and agreed at the Sustainable Development Summit, New York in September 2015.

Work towards the SDG goals will initially be delivered through the FutureProof programme in Estates.

How the SDGs are applied across all University activity



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This will see the University working to deliver on goals including ending poverty, promoting gender equality, creating sustainable cities and communities, minimising its impact on the environment and offering inclusive and equitable education opportunities for all.

Specifically, the SDG Accord pledges that the University will work to embed the goals throughout its teaching, research, administrations, leadership, engagement and operations. Work began in 2017/18 on establishing what activity is already taking place across the University and mapping it against the goals. It is hoped that this will inform further activity going forward.

SUSTAINABLE DEVELOPMENT GOALS





GLOBAL CITIZENSHIP

“Universities play an important role in developing global citizens. They present opportunities for people from different countries to interact and experience different cultures and beliefs.”

Kathryn Willet

www.kent.ac.uk/global
#GlobalCitizens

Commissioned by Corporate Communications

University of
Kent

ACTIVITY ACROSS THE UNIVERSITY

Below are some brief examples from across the University of how we, as an education institution, are supporting each of the Sustainable Development Goals. More examples can be found throughout this report.



The University of Kent is a Fairtrade certified university. By ensuring all of our tea, coffee and sugar is Fairtrade we are helping to ensure that farmers and growers across the globe are empowered to combat poverty, strengthen their position and take more control over their lives.



Our Centre for European Agri-Environmental studies brings together research into a number of areas concerning food, farming and rural communities including improving agricultural productivity and ecosystem-based farming.



The Estates Department have introduced and promoted a number of initiatives for its staff in support of goal three including lunchtime activities such as rock choir, walking groups and are considering a no lunchtime meetings policy.



All of our undergraduate modules were mapped against the SDGs in summer 2018. The exercise revealed pockets of sustainability teaching across all faculties and the Sustainability Team hope to build upon this knowledge going forward to embed sustainability further into the undergraduate curriculum.



The University has joined and is committed to the principles of the Athena SWAN charter which aims to advance the representation of women across the University. In 2018 we successfully renewed our Bronze University award and are preparing for an application for Silver in 2021.

ACTIVITY ACROSS THE UNIVERSITY (CONT)



As part of our ongoing commitment to reduce the use of bottled water, free tap water is now available at all outlets at Canterbury and Medway. Visitors, staff and students can use the free Refill app to find locations where reusable bottles can be filled.



Through installing photo-voltaic panels on many of our new and refurbished buildings, we have increased the amount of energy we generate from renewables from under 3000 kwh in 2012 to 78,000 kwh in 2017/18.



The University has zero tolerance to slavery and human trafficking and will not support or deal with any business or institution knowingly involved in modern slavery practices in any part of its operations. The University is mapping its supply chain, identifying areas of risk and will act appropriately in cases where abuses are found.



The University's long-term maintenance plans include regular refurbishments of buildings where opportunity is taken to include energy saving and water saving measures. These measures typically include installing high efficiency condensing boilers and replacing existing lighting with LED lighting. In 2017/18 these plans represent a saving 134 tonnes of carbon.



The University's commitment to Equality, Diversity and Inclusivity includes the EDI Network. A network of EDI representatives from each school and department provide a channel of communication – to, from and between departments and the staff and student EDI teams; and provide a forum for EDI Representatives to share information and consider good EDI practice and issues.



Rufus Howard, a researcher at Kent Business School, brought together representatives from the public and private sector for a one-day symposium to work on building a virtual blueprint for Canterbury 2050, drawing on latest developments from all fields incorporating smart, resilient, circular and sustainable ideals.



The Estates Department published their new Waste and Recycling Strategy in 2018 which sets out ambitious targets to reduce the amount of waste we produce. This strategy also sets out how we will look to reduce the amount we buy and maximise re-use of resources as much as possible.



Our Centre for Architecture and Sustainable Environment (CASE) aims to promote research in the field of sustainable design regionally, nationally and internationally. A recent project, to refurbish a property at Dalby Square in Margate has received a 'highly commended' award at the Kent Design and Development awards in the Environmental Performance category.



The University's first Sustainable Food Steering Group was launched in 2017/18. One of the objectives of the group will be to eliminate all fish on the Marine Stewardship Council's red list and promote the use of sustainable fish across our menus and outlets.



The University is currently developing a Framework Masterplan which will inform decisions on the evolution of the campus. Landscape and biodiversity is one of the four central strategies of the masterplan and will ensure that our green space is protected and sustainably managed in the future.



The Kent Law Clinic is a partnership between students, academics and solicitors and barristers in practice locally. It has two objectives: to provide a public service for local people who need legal advice and representation but cannot afford to pay for it, and to enhance the education of students.



In 2018 the University entered into a partnership with Kent Enterprise Trust (KET) to enhance the current growing project at Park Wood on the Canterbury campus. KET are a charity that provide skills building and learning opportunities for those who have been long-term unemployed in order to help them back to work.

MEET THE TEAM

Sustainability at Kent is delivered by a number of different people across the University from multiple different teams. Here are some of the people you may encounter talking about and delivering sustainability outcomes.



Catherine Morris

Environmental Adviser

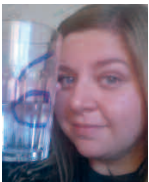
Catherine leads on the development of the Environmental Management System and delivery of the Sustainable Development Goals.



Helen Ellis

Deputy Director Estates

Helen has senior management responsibility for a number of sections including Carbon Management and Sustainability.



Emily Mason

Sustainability Co-ordinator

Emily leads on the University's engagement project FutureProof and supports the Sustainability Champions Network.



Juliet Thomas

Assistant Director Estates

Juliet has senior management responsibility for Facilities Management including the Waste and Grounds Teams



Sustainability Champions

Staff volunteers across the University that lead on sustainability projects in their departments.



Richard Cottam

Head of Facilities Management

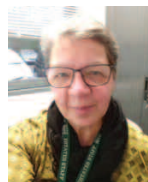
Richard's responsibilities include overseeing development and implementation of the Waste and Biodiversity Strategies.



John Kingsland

Head of Energy and Environment

John's responsibilities include the development and implementation of the Carbon and Water Management Strategies.



Michele Gill

Waste and Cleaning Manager

Michele manages the Waste Team and is responsible for development and operation of the Waste Strategy.



Emma Dimond

FM Co-ordinator (Waste and Recycling)

Emma is responsible for the day-to-day management of waste and recycling including provision of facilities and communications.



Teresa Curteis

Head of Traffic Management and Travel

Teresa and her team are a one-stop-shop for all things transport including the promotion of sustainable transport.



Paul Griffiths

Grounds Maintenance Manager

Paul and his team are responsible for development and operation of the Biodiversity and Landscape Strategy.



Bernard Angus

Director of the Safety, Health and Environment Unit

Bernard has senior management responsibility for the University's Environmental Management System.



Andrew Briggs

Fire, Safety and Environment Adviser

Andrew's responsibilities include development of the Environmental Management System.



Gary Sayles

Executive Manager: Housekeeping

Gary has senior management responsibility for Kent Hospitality house-keeping and works with the Sustainability and Waste Teams on waste reduction, recycling and re-use from accommodation.



Tim Burrows

Operations Manager

Tim has senior management responsibility for Kent Hospitality catering and leads on the development and operation of the Sustainable Food Strategy.



Mark Reed

Head of Procurement

Mark is responsible for development and operation of the new Procurement Strategy which embeds sustainability into the procurement process.



Ashley Shelbrooke

Procurement Specialist

Ashley is responsible for a number of sustainable procurement initiatives including compliance with the Modern Slavery Act and Social Value Act.

ENVIRONMENTAL MANAGEMENT AND AUDITING

Environment Policy

The University's Environment Policy sets out our main objectives for each area of environmental sustainability. These are achieved through implementation of an Environmental Management System.

The main objectives and commitments are to:

- Reduce carbon emissions in accordance with the University's Carbon Management Plan
- Improve energy and water efficiency and reduce reliance on fossil fuels
- Protect the environment and prevent pollution
- Optimise reduction, reuse, recycling and disposal of waste
- Reduce the impacts of transport and travel and encourage sustainable alternatives
- Manage the use, storage and disposal of materials to reduce environmental impact
- Manage our campuses to protect and enhance biodiversity
- Promote sustainable procurement, both internally and through the University's supply chains
- Communicate with staff, students and relevant interested parties and promote sustainable behaviours.

Environmental Management System

The University operates an Environmental Management System to the ISO14001 International Standard for Environmental Management. The system is overseen by the Environmental Sustainability Team made up of representatives from the Safety, Health and Environment Unit, Estates Department, Kent Hospitality and Procurement.

As part of our ongoing continual improvement, the system was overhauled in 2017/18 in order to better understand and manage our impacts. This involved working with operational staff from across the University to identify our activities which have an impact on the environment. These activities, known as aspects, were scored and ranked to identify our top 20 and managers responsible must now provide termly updates to the Environmental Sustainability Team on how these aspects are controlled.

Training

We provide environmental awareness training to all staff as well as ensuring key staff are trained in specialist topics such as spill response.

Legal compliance

We provide advice to Schools and Departments in compliance with legal and other environmental requirements.

Auditing

We regularly audit locations across the University to ensure compliance and identify opportunities for improvement.

Objectives and targets

We have developed a programme of actions to achieve the policy objectives and set targets for improvement.

Overview of targets

Carbon emissions

Our carbon emissions have reduced 21.8% since 2005 and we are on track to meet our target of 23% by 2020.



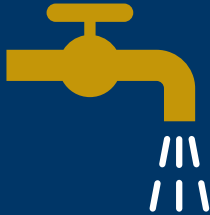
Coppicing

Our coppicing activities generated over £800 which was reinvested back into our campus.



Water consumption

We reduced our water consumption by 1.3% last year, representing a saving of over 3,300m³ – the equivalent of 20 households.



Staff transport

The proportion of staff driving to work has reduced by almost 2% with more staff taking advantage of discount bus tickets and better facilities for cyclists.



Waste

The amount of our waste that we reuse has increased by 28% to over 72 tonnes per year.



Social media

Our sustainability twitter feed reached nearly 600 followers



ENERGY AND WATER MANAGEMENT



Aim

Our Carbon Management Plan sets out how we intend to achieve our ambitious target of a 23% reduction in Carbon Emissions by 2020 based on a 2005 base level. Our Environmental Management System target for water aims for a 2% reduction per year.

Progress

This year we have seen a reduction of carbon emissions of 4.5% taking our total reduction to 21.8%. This continual improvement means we remain on target to meet our overall target of a 23% reduction by 2020.

Unfortunately, we did not meet our water reduction target this year however we did achieve a reduction of 1.3% and are looking at ways of improving over the next year.

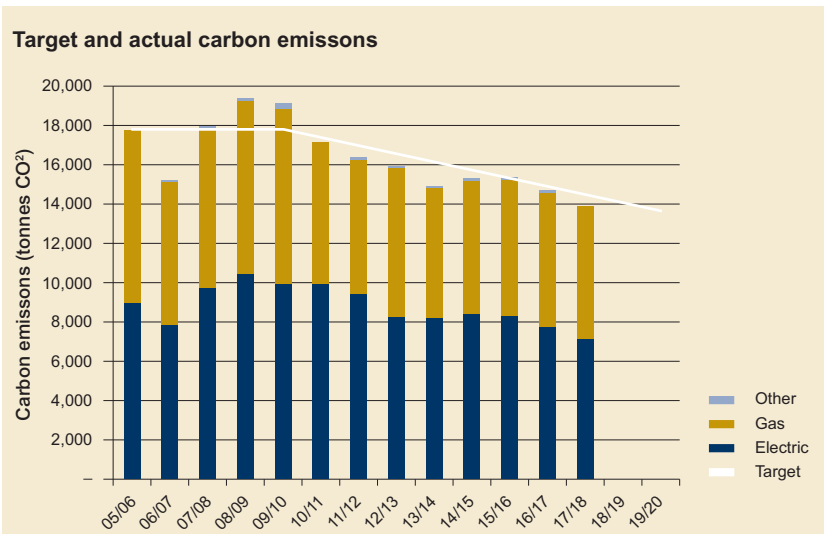
Highlights

- The refreshed Carbon Strategy was launched
- The smart meter survey was completed and new monitoring software is now in use helping us to identify areas of unusual or high usage

- An Energy Risk Management Group have been established to oversee utilities contracts and manage spend, identify and act on consumption trends and to develop utilities infrastructure
- Low volume shower heads were installed at Park Wood to reduce water consumption
- Oversized hot water calorifier at Cornwallis South were replaced
- A full schematic of our foul drainage system was produced allowing us to identify issues and better control risks.

Future

- Plans for a new combined heat and power unit are underway which will reduce our carbon emissions and deliver significant cost savings to the university
- Minimum specifications are being developed to support technical services and other departments to procure more efficient fixtures, fittings and equipment
- Kent's first Water Management Strategy will be published.





Case study

Replacing shower heads at Park Wood

At the Estates Showcase Event an exhibit demonstrated 4 types of shower head with different flowrates. Robert Hipkiss, Graham Pagdin and Elton Young, who had set up the exhibit raised the possibility of replacing existing high volume shower heads with low volume shower heads in student accommodation showers.

These are ideas were assessed and gave a predicted payback of less than two years. On this basis 697 showerheads have been replaced.

The projected annual savings for this are:

- Water saving = 3,288 m3
- Energy saving = 188,000 kWh
- Total cost saving = £14,000
- Carbon saving = 38 tonnes

WASTE AND RECYCLING



Aim

Our Waste Strategy sets out how we will improve waste management at the University through application of the waste hierarchy. The strategy covers procurement, waste facilities, education and engagement to demonstrate how we will achieve our targets of reducing general waste and increasing reuse.

Progress

In 2017 we achieved our targets both for reducing general waste and increasing waste reuse. Our general waste reduced by 2.1% representing over 27 tonnes and reuse increased by 28% to over 72 tonnes.

Highlights

- The new Waste and Recycling Strategy 2017-21 was published
- £299,401 was saved through increased uptake of the WARP-IT reuse system, the equivalent of 158 tonnes of CO²

- Campus-wide surveys of internal and external waste facilities have been completed to inform standardisation and branding of bins and signage
- We have improved and increased social media presence across a number of channels including twitter. Since 2014, over 1100 tweets have been sent by the Waste and Recycling Team
- We achieved an overall reduction in general waste of 2.1%, which is 0.5% above our target for the year.

Future

- We will be implementing food waste collections from six outlets across the Canterbury campus as part of a trial to find a local sustainable solution to improving our waste management
- We will work to increase the potential of the WARP-IT reuse system.

Warp-it Figures 2017/18

- Waste diverted = 44,081 kg
- CO² saved = 157,776 kg





Case study

Increasing recycling engagement in Biosciences

Alex Moores, Sustainability Champion for the School of Biosciences, has led on an initiative that has seen recycling rates increase threefold under the FutureProof project. Alex identified a problem in research labs where the layout of bins and lack of clear information meant that researchers were placing the majority of their recyclable waste into general waste bins. On initial assessment, 99% of the waste in the general waste bins was recyclable.

A new trial waste scheme was developed in partnership to test what would work for the lab users.

New small desktop bins were installed to help researchers with ease of correct disposal at their fingertips, without taking up precious desk space. The main lab bins were relabelled to ensure they

were clear and to reflect how many recycling bins there should be to general waste bins. Clear communications through posters and labelling were designed to showcase the top ten lab recyclables that should be going into the green marked bins. All labelling was checked by the Safety, Health and Environment Unit to ensure that it was clear what to do with hazardous/contaminated waste.

The Kent Fungal Group were our test lab and the results after a month of trialling have been extraordinary. On the last observations the ratio of full recycling bins to general waste bins is 3:1. This figure was reversed at the beginning of the trial. The success of this trial will now lead to a full roll out of this system across the research labs at the School of Biosciences.

BIODIVERSITY



Aim

Our 600 acre parkland estate is one of our most prized assets and our Biodiversity Management Plan for the Canterbury campus commits us to an extensive programme of coppicing, grassland management and pond restoration works.

Progress

17/18 saw the first year of our new Euroforest Scheme (see case study) completed with the profits from this reinvested into our biodiversity work. It also saw the publishing of our Biodiversity and Sustainable Landscaping Strategy which will outline our plans and ethos going forward.

Highlights

- The Biodiversity and Sustainable Landscaping Strategy was published
- The Euroforest Scheme was fully implemented with revenue ring-fenced for biodiversity improvement work

- The planting of a new woodland was completed and a management plan is being devised
- Coppicing was completed of one of our coupes along the Park Wood path
- We have implemented regular pond health monitoring along with recording all relevant habitat characteristics
- We have provided input into the campus masterplan ensuring that our vision and future plans are reflected.

Future

- We aim to complete another coupe in Brotherhood Wood planned for winter 2018/19
- We are working on plans for a wildflower meadow sown south of Turing College
- We are aiming to improved communications through Twitter, Campus Online and targeted signs to explain what we are doing and why we are doing it.





Case study

Euroforest Scheme

The Grounds Team have implemented a scheme that will see trees coppiced from its grounds sent to a biomass plant to be converted to energy.

Currently the team coppices one section of campus, known as a coupe, each winter as part of the Woodland Management Plan for the campus. Coppicing increases the structural and compositional diversity of a woodland by opening up the canopy to provide varying light levels and encouraging a range of different aged trees in the woodland. This encourages growth of different species of flora on the woodland floor which in turn attracts a wider range of fauna increasing the overall biodiversity of the area.

In the past, some coppiced wood has been left in situ to create hibernacula for wildlife while some is chipped on site for use on woodland footpaths.

Now, in a deal signed with Euroforest, the trees that are felled are taken to a biomass plant in nearby Sandwich and converted to energy used to provide power to locations in Kent, such as the nearby Discovery Park.

SUSTAINABLE TRANSPORT



Aim

Our Canterbury and Medway travel plans set out ways to minimise the impact of staff and student travel and encourage use of efficient transport options to reduce environmental impact, ease congestion and reduce air pollution.

Progress

The Transport Team continue to promote alternative sustainable transport methods with staff purchasing discount bus tickets increasing by 28% and Dr Bike consistently providing regular mechanical support to cyclists at both the Medway and Canterbury campuses.

Highlights

- A new cycle map was introduced showing all cycle storage facilities at Canterbury campus which includes the capacity of the cycle shelter.
- This included new numbered discs being installed at each location so there is a clear reference code for the customer and Estates to use when referring to cycle locations

- The Transport Team fortnightly newsletter began, providing customers with information about travel to and from the campus keeping everyone up to date
- New poster boards were installed at bus stops to improve information to customers about Stagecoach and Shuttle bus services
- The Canterbury Framework Masterplan Team introduced a new Movement and Transport Strategy to support the development of the Masterplan and the Travel Plan aim to reduce single car occupancy
- The University tendered the management online booking tool for university business travel and awarded it to Key Travel. This will help us collect total data on Scope 3 emissions.

Future

- We will produce a feasibility report looking into a partnership with Canterbury City Council for a Park and Ride scheme at the Canterbury campus
- We will investigate the potential to introduce electric charging points for staff and student to use.





Case study

Travel Plan Survey

In November 2017 the Transport Team conducted a detailed Travel Plan Survey to establish travel patterns and views about transport and parking at the University. The survey was completed by 1,546 staff and students across the Canterbury and Medway campuses.

The survey assisted with updating the University Travel Plans. The primary objective of the Travel Plans is to reduce single car occupancy and to improve the environment and health of staff, students and the local community, while ensuring the University can operate effectively as an academic institution. The Travel Plans support planning applications and provide data for HESA. The Travel Plans also feed into the Estates Strategy and in turn the University Plan.

CONSTRUCTION



Aim

We aim to ensure our buildings are designed to minimise their environmental impact throughout their construction and occupation.

Progress

Sustainability is being embedded into the construction process from procurement to design through to the build and post-occupancy evaluation.

Kent's first full Post Occupancy Evaluation (POE) has been carried out in the Sibson building which has provided valuable data on any performance gap between how efficient the building was designed and built to be versus how efficient it is now that users have moved in.

Highlights

- A 'living wall' has been constructed as part of the School of Anthropology and Conservation refurbishment
- Replacement windows, roof insulation and coverings have been installed to Cornwallis Central which has increased the thermal performance of the building
- The new Economics building is on target to achieve a BREEAM Excellent rating.

Future

- Standard specifications for everything from building materials to landscaping are being developed to ensure minimum performance standards are achieved across a building's design and construction.





Case study

Campus Masterplan

2017-18 saw the major consultation period for the new framework masterplan for the Canterbury campus. Developed in line with the local plan, the masterplan will provide a framework for the future evolution of the campus. The principles that will guide this future development of the campus are in keeping with our strategic aim to embed sustainability across the organisation.

Vision

The Canterbury campus will be defined by a strong, high-quality landscape and roads will be transformed into attractive streets that prioritise walking and cycling.

The campus will be developed in ways that protect its special natural and semi natural environment, the setting of Canterbury's World Heritage Site and local heritage assets.

The campus will be outward facing and seek to improve the lives of local people as well as being an exemplar for environmental sustainability and creating an environment that promotes healthy living and physical and mental wellbeing.

PROCUREMENT



Aim

We are working to embed sustainability across the procurement process to ensure the services we use, products we buy and companies with work with align with our values of sustainability, and support social and environmental improvement.

Progress

Sustainable procurement now features in the annual sustainability report reflecting how important it is in ensuring sustainability is embedded across our activities. It is of particular importance for us to reduce our overall waste as a University.

Highlights

- The University of Kent became a founding member of the Higher Education Procurement Association's Responsible Procurement Group
- The Procurement Team gained approval for a MFD replacement project that will reduce estimated energy usage 56,531kg per annum and energy costs by £11,000 by retiring and replacing old, and inefficient devices with modern, energy efficient printers.

Future

- A suite of tender questions is being developed to include sustainability along with a training suite for people with procurement responsibilities This will include an element on sustainable procurement.
- The Procurement Team will deliver a Sustainable Procurement Workshop for the Sustainability Champions Network as part of the FutureProof project
- The procurement process will be developed in line with the ISO20400 guidelines
- In total about £85m of work will be taken to market including standardising PC hardware, combined heat and power unit, laundry services, and a number of other smaller team-based projects.

UNIVERSITY OF KENT/OUR ECONOMIC IMPACT

www.kent.ac.uk/impact

University of
Kent

Economic contribution

£907m a year contributed to the south east region, **supporting 9,448 jobs**





Case study

Smart Eco-City: Canterbury 2050

Developed and hosted by Rufus Howard from the Kent Business School, Smart Eco-City: Canterbury 2050, was a one day conference that explored the concept of what makes a sustainable city.

Over 80 stakeholders from across the University, community and beyond took part in interactive workshops, with speeches and presentations from 15 keynote speakers and exhibition stands from 7 organisations. The event was opened by Rosie Duffield MP (Labour, Canterbury and Whitstable) and Denise Everitt (Chief Operating Officer, University of Kent).

The participants were polled on their knowledge and understanding of the United Nations Sustainable Development Goals, with Goal 11 – Sustainable Cities

and Communities being of particular relevance to the day, then split into groups tackling sustainability themes around ecology, agriculture, health, wellbeing and transport. Each group developed recommendations for each theme, which were added to a virtual mapping interface using geographic information systems (GIS).

The Smart Eco City event concept was the first in this specific format with scope to develop this and host similar events in other cities.

If you would be interested in learning more about the event and its outcomes then please get in contact through sustainability@kent.ac.uk with the heading #SmartEcoCity.

SUSTAINABLE FOOD



Aim

To improve the sustainability of all food served across our campuses.

Progress

The final draft of Kent's first Sustainable Food Strategy was agreed by the Sustainable Food Steering Group and sent out to be signed by all participating areas of the University. The strategy is a collaborative effort between staff and students and is a starting point for Kent to embed sustainability throughout its commercial food offerings.

Highlights

- Baseline activities have begun with data being collated on single use plastic use, welfare standards of our meat and traceability of our fish
- A cost analysis of switching from bottled water to reusable filtered tap water bottles has been completed for internal catering, with funding for moving forward now being sought

- Internal catering has removed plastic milk jiggers replacing them with reusable jugs
- Student sustainable food reps have collected data from across the food outlets at Canterbury and Medway showing current sustainable food offerings. This is in the process of being turned into a sustainable food map.

Future

- The official launch of the strategy is set for 1 October 2018
- Our baselining exercise will be completed and SMART targets set
- The sustainable food map will be completed and published on a new sustainable food website





Case study

Working together: The Sustainable Food Steering Group

The Sustainable Food Steering Group is made up of representatives from across the catering outlets on the University's campuses; students and staff with an interest in sustainable food; the Estates Department and Kent Union. This group is a collaborative effort with staff and students working together to create Kent's first Sustainable Food Strategy and taking responsibility for reviewing progress and leading on actions to ensure its aims are met. The group meet quarterly and is chaired by the Sustainability Team.

The Sustainable Food Steering Group report on their progress through Kent's Environmental Management System, providing an annual update to the University's Environmental Sustainability Team.

The group will also report publicly, publishing their progress and success stories on the new sustainable food webpage and in the Annual Sustainability Report.

It is hoped that this collaborative and inclusive approach will help improve the sustainability and accessibility of the food offerings across the campuses markedly over the next few years.

ENGAGEMENT



Aim

To run an overarching culture change project that:

- brings people together under a clear recognisable brand
- identifies and gives a clear narrative on what we are doing
- inspires people to act and create positive changes.

Progress

The trial of FutureProof, Kent's bespoke culture change project, was completed and adapted after feedback from participating Sustainability Champions. The project was formally launched in June 2018 as part of the Estates Department's Showcase. FutureProof has relied heavily on word of mouth which has been successful in drawing new people and new initiatives into the project, with a portfolio of activities steadily growing.

Highlights

- The Sustainability Champions Network was relaunched with areas currently not covered by a champion being asked to join

- Several workshops were organised to re-engage staff in sustainability and introduce them to the new FutureProof project
- Woodland walks for staff and students were arranged to engage them in the green spaces of campus and tell the story of sustainability at Kent
- FutureProof supported Kent Union's first Our Planet Week, ran by students
- Communications around sustainability increased on Campus Online, the sustainability blog, in local media and online through social media channels.

Future

- A new volunteer role, Student Goals Ambassadors, will be launched inviting students to be directly involved with FutureProof and offering them Employability Points
- A new timetable of sustainability training workshops will be published inviting people to learn more about the challenges and opportunities
- FutureProof projects will continue to be developed with Sustainability Champions.



FUTURE PROOF

Building the University of the future

For further information please contact:
E: sustainability@kent.ac.uk
www.kent.ac.uk/sustainability



University of
Kent



Case study

Making sustainability the norm – Medway Student Services

Medway Student Services have been taking part in sustainability projects at Kent since 2010 with sustainability champion Lynne Regan driving forward sustainability actions through Green Impact, Green15 and now FutureProof.

Sustainability has been framed at Medway as not just being about the environment (although they of course think that is important) but about staff wellbeing, team-building, creating a better campus and ultimately a better world to be in.

Lynne described being involved in sustainability as 'Time to work together as a team: having something like this to work on together gives us 'permission' to get away from our desks and enjoy something completely separate from our jobs once in a while.'

Staff activities have included an annual Christmas food appeal for The Open House Project, a drop in centre for the homeless or socially isolated in Rochester; installing bird feeders at the Medway campus; having team Fairtrade lunches; litter picking on the river Medway; and taking part in national campaigns such as the RSPB Big Garden Birdwatch and Earth Hour.

Fun is at the heart of sustainability at Medway Student Services and by getting people involved in fun activities, the not so fun things such as recycling have benefited with the team recycling literally everything they can!

COMMUNITY



Aim

To work with a network of partners from across the local area to enhance the environment surrounding us; improve social cohesion; and provide opportunities for skills sharing.

Progress

The University of Kent has entered into a partnership with Kent Enterprise Trust (KET) to enhance the current growing project at Park Wood on the Canterbury campus. KET are a charity that provide skills building and learning opportunities for those who have been long term unemployed in order to help them back to work.

KET were looking for a new growing site to facilitate training and skills building for their users, and somewhere for them to start a new hub of sustainability, wellbeing and social cohesion. The site of Kent's existing growing project needed more people involved and had so much more potential, something that can now be realised.

Highlights

- A draft six year plan was developed outlining the partnership and the how the project may move forward
- The site was officially named the Kent Community Oasis Garden (KentCOG) reflecting its old name and new purpose
- Mark Lane, a garden designer from BBC's Gardeners World, offered up his expertise to help deliver a masterplan for the site
- A blog was launched to tell people the story of the site and keep people up to date – blogs.kent.ac.uk/kentcog

Future

- Official launch of the of the KentCOG
- Launch of the KentCOG Masterplan
- Joint fundraising bids by Kent and KET.





Case study

Canterbury Sustainable Development Goals Forum

As part of the University's commitment to the Sustainable Development Goals (SDGs), we have joined the Canterbury SDG Forum, a network of local groups, institutions and charities that are working in partnership to enhance the visibility of the SDGs across Canterbury and be a catalyst for sustainable action in the city and district.

The group are currently working on a report that outlines current action taking place against the SDGs and identifying where the gaps are. This report will be published on the Kent sustainability website in the community section and will form the future basis of our work as a forum. For more information on the forum please search for Canterbury SDG Forum on Facebook.

EDUCATION FOR SUSTAINABLE DEVELOPMENT



The Sustainability Team have been working to increase students' access to sustainability and environmental management learning opportunities in the informal curriculum.

As part of the Study Plus program the Environmental Management and Auditing course completed its third year with students completing this course being able to:

- Understand the drivers for Environmental Management in organisations
- Develop a knowledge of Environmental Management Systems and how organisations use them to manage their impacts
- Understand the potential benefits and challenges of an environmental behaviour change programme and develop the skills necessary to influence positive environmental behaviour in the workplace
- Learn basic environmental auditing skills
- Conduct several environmental audits of University buildings.

Taking a Study Plus course brings with it a whole host of potential benefits to students including:

- The opportunity to develop skills in a new manner
- The chance to enhance your CV and Higher Education Achievement Record (HEAR)
- A way to explore other areas of the University's academic provision
- A mechanism for collecting Employability Points
- Another way to get the most value out of your time at Kent.

In early 2018, the Sustainability Team launched a new Study Plus module: An introduction to sustainability. The course was developed to enable students to:

- Give a concise definition of sustainability
- Have an understanding of the key environmental, social and economic challenges facing the world
- Describe systems thinking
- Give examples of innovations/solutions to global challenges
- Talk about what is currently being done at Kent around sustainability and what they can do as individuals.

As part of our work on the United Nation's Sustainable Development Goals we will continue to build links with our academic colleagues to enable the sharing of good practice in our teaching and research around the goals and to build up a community around education for sustainable development at Kent.

Formal curriculum

In the summer of 2018, a desktop mapping exercise was conducted to establish the potential for the SDGs to be embedded into teaching. The analysis identified a total of 448 instances of relevance to the goals across 153 undergraduate modules. Several pockets of relevance were discovered.

Subject area Goals

Architecture	   
Business	   
Conservation and Ecology	 
Economics	
Law	
Politics	
Sociology	All goals

What is ESD?

The United Nations Educational Scientific and Cultural Organisation (UNESCO) defines ESD as 'A means to enable students to develop knowledge and understanding, skills and attributes needed to work and live in a way that safeguards environmental social and economic wellbeing both in the present and for future generations' (United Nations World Summit (2005)). In addition to this, Sterling (2012) describes ESD as: '...the kinds of education, teaching and learning that appear to be required if we are concerned about ensuring social, economic and ecological well-being, now and into the future.' (Sterling 2012:8)

Sustainability relates to almost every area of the university, and the three pillars of sustainability; environment, society and economic, are intertwined with many of the courses we offer and the research we carry out.





PROUD TO BE KENT

Staff from our Estates Department have donated more than £1,800 to mental health charity, Mind, through donations and a giant raffle.

www.kent.ac.uk
#ProudtobeKent

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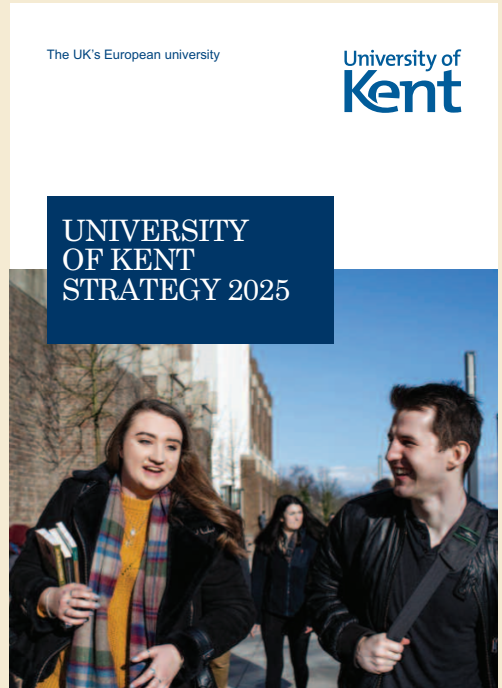
THE FUTURE...

In 2018/2019 The University of Kent will publish its' strategy refresh: University of Kent Strategy 2025. Within our civic mission, as signatories to the Sustainable Development Goal Accord we will publically commit to embedding sustainability through building the UN Sustainable Development Goals into our research, education, leadership, operations, administration and engagement.

As part of this we will be looking to push the conversation forward on Education for Sustainable Development at Kent by hosting an ESD conference that interrogates what ESD is, what it means to us at Kent, and how we can learn from other institutions regarding an approach to integrating sustainability into our teaching, ensuring we produce global graduates that understand and can adapt to the challenges that face them.

We will continue to use FutureProof as a vehicle for reaching out to people across the University offering them an accessible route to engaging with sustainability at Kent and helping them to become leaders and advocates for sustainability in their own areas.

There is a sense of urgency to sustainability that perhaps has not been felt before and we hope that students, staff and others from across the University will support sustainability at Kent and bring their own ideas to the table about how we might achieve our civic mission.



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