









PROGRESS AGAINST QUALITATIVE AND QUANTITATIVE SUSTAINABILITY TARGETS academic year 2017-18 – approved 19 October 2018

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	TARGET	PROGRESS	PERFORMANCE
<p>ENERGY</p> <p>Recognise the potential impact of climate change and the strategic and operational need to control, manage and reduce carbon dioxide and other greenhouse gas emissions;</p> <p>Comply with all relevant environmental legislation, regulations and requirements</p>   	6% reduction of total electricity consumption from 2015-16 levels	Electricity consumption in kWh decreased 1.3% against 2015-16 levels	RED
	6% reduction in total kWh gas consumption from 2015-2016 levels	Gas consumption in kWh increased 0.5% against 2015-16 levels	RED
	Increase renewable energy generation to 2% of total consumption by 2020.	Renewable energy generation capacity increased to 2.1% in 2017/8 ahead of target.	GREEN★
	Create an energy action plan for all University significant buildings to improve the DEC to target levels.	This project has progressed and we now have energy action plans for all key university buildings.	GREEN
	Implement carbon reduction projects as set out in annual carbon projects plan by August 2018	Carbon reduction projects have been implemented throughout the year.	GREEN
	Install fully functional fiscal meters on all sites and establish accurate synchronisation of all meters with the aM&T system by August 2019.	The majority of fiscal meters are fully functional and now synchronised with the aM&T system.	AMBER
	Continue replacement programme of LED lighting with dimmable function and activity detection controls.	LED lighting replacement program on track with significant projects in both halls and academic buildings implemented during the year. This program continues in 2018-19.	GREEN★
<p>WATER</p> <p><i>Reduce our use of water</i></p>  	Implement recommendations from water audit report including reducing shower flow rates, installing low flush toilets and displacement devices, installing manual flush on urinals and reducing hand basin tap flow rates	Continuing program of measures implemented this year. New water audit produced for City campus.	GREEN
	Main meters to be fully functional on pulsed outputs and recorded on aM&T. Enable aM&T system to establish a water leak detection programme by July 2019	The majority of fiscal meters are fully functional now synchronise with the aM&T system. Alerts have been added to the BMS system so leaks can now be easily detected.	GREEN
	Increase awareness-raising to reduce consumption amongst students and staff by May 2018	Some awareness-raising campaign completed during the period, but more required especially in the Halls	AMBER
	2.5% p.a. reduction in water GHGe emissions from consumption against a 2012-13 baseline from 2014 to 2019	Water GHGs emission decreased 26% against 2016/17 levels	GREEN





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<p>WASTE MANAGEMENT</p> <p>Re-use resources whenever possible rather than dispose of them</p> <p>Encourage the use of recycled materials and recycling initiatives</p> <p>Comply with all relevant environmental legislation, regulations and requirements</p>  	Reduce black waste collection weight by 3% per annum from baseline 2015-16 from 2017-2020.	Black waste collection weight reduced 15% against 2016/17 levels	GREEN★
	Increase the weight of charity donations by 5% annually against baseline data from 2012/13.	Charity donations for reuse weight in tonnes increased 65.9% against 2016/17 levels	GREEN★
	Further promote local re-use services, such as Repair Café and groups to the university community	Many repair events organised including working with Transition Worcester on Repair Café Worcester	GREEN
	Review cleaning materials and make recommendation of changes to supplier/projects to reduce negative environmental impacts, by June 2018	Some work completed including the introduction of dosing systems to reduce wastage but more supplier engagement work planned by procurement next year.	AMBER
	Implement pilot Green Impact Excellence project with office cleaning staff; to increase office recycling rates amongst staff and increase education and understanding amongst cleaners. Extend across campus if successful.	Excellence project communication materials were developed during the year but the project has been delayed due to staff shortages in the cleaning team. The project will be delivered in 2018-19.	AMBER
	TARGET	PROGRESS	PERFORMANCE
<p>EMISSIONS AND DISCHARGES</p> <p>Prevent pollution by reducing emissions and discharges and regularly reviewing practice against benchmarks</p> 	Do additional promotion of pollution awareness-raising and with new facilities staff by May 2018	Spill awareness training delivered to Campus Services and the Grounds team (radio first responders). The annual program of spill drills agreed, first test well received.	GREEN★
	Continue phased 2 storm/foul indicator and direction of flow all drain covers showing foul/storm and flow to match drainage plans on all major sites by August 2018	Some additional drain markers installed. Ongoing project.	AMBER
	Review compliance HVAC equipment containing R22 gas and remove units by 2020.	R22 F gas replacement program on hold. Few units remain in older buildings. Agreed to not top up these units as the likelihood is these buildings will be decommissioned as part of future master planning	AMBER
	Reduce fugitive F Gas emission by 25% annually from a baseline 2013-14 of 18.25 tCO ₂ e	Fugitive emissions have decreased 44% against 2013/14 baseline.	GREEN★
	TARGET	PROGRESS	PERFORMANCE
SUSTAINABLE PROCUREMENT	Provide regular reports from the sustainability working group to Sustainability committee throughout the year	Regular Sustainable Procurement Working Group reports delivered to the Sustainability Strategy Group.	GREEN




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<p>CONSTRUCTION AND REBURBISHMENT</p> <p>Ensure sustainable approaches in all construction and refurbishment and incorporate energy-efficient approaches in all work</p>	Revise sustainable construction/refurbishment policy by December 2017	Complete	GREEN
	Where feasible increase proportion of renewable energy sources to a minimum of 15% in all new build projects and where feasible for refurbishments over 1,000sqm	No projects this year	AMBER
	Where feasible all new build projects should be designed to meet average water consumption targets of 1.35m ³ /m ² per m ² of the GIA for residential and 0.71m ³ /m ² per m ² of the GIA for non-residential	No projects this year	AMBER
	BREEAM assessment to be carried out on all new buildings of over 1000m ² with a target to achieve a rating of 'Excellent' but with a minimum rating of 'Very Good' in cases where there are good and explicit reasons why an excellent rating could not be achieved	Standard in all projects.	GREEN
	Implement RCIS SKA assessment rating for all refurbishment projects over 1000m ²	The new standard for the refurbishment of spaces now in place the RICS SKA assessment. Art House refurbishment is aimed at Gold the highest standard. Waiting for assessment.	AMBER
	The improvements to Edward Elgar building and plant should result in a DEC rating of C by 2020; All university owned buildings to achieve a C rating or above by September 2017; 60% of the University's estate to achieve at least a B rating by September 2020	61% of the estate has achieved C+ and 32% have achieved B+	AMBER
 	TARGET	PROGRESS	PERFORMANCE
<p>TRANSPORT</p> <p>Encourage environmentally-friendly transport and implement a Sustainable Transport/Green Travel Plan</p>  	20% reduction in the percentage of staff travelling by car alone to work by 2018 - i.e. a reduction from 55% in 2012 to 44% by 2018.	Percentage of staff traveling by car alone decreased 9% against 2016-17 levels	GREEN
	20% reduction in the percentage of students travelling alone by car to the University by 2018 - i.e. a reduction from 24% in 2011-12 to 19% by 2018.	Percentage of students traveling by car alone decreased 49% against 2016-17 levels	GREEN★
	10% reduction in the percentage of students travelling alone by car between their home address to term time address by 2018.	Percentage of students traveling alone by car between their home address to term time address decreased 74% against 2012-13 levels	GREEN★
	Develop department pool bike pilot scheme, whereby departments have access to bikes for inter-site travel.	Pool bike scheme piloted and proposals for longer trail under discussion. Paper accepted to Netherlands Conference on this project- Stack Rack.	GREEN★






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	Extend the Bike Loan scheme to include 50 electric bikes by Spring 2018	Successful launch event with coverage on BBC Midland Today	GREEN
	Review use of fleet vehicles and consider investment in low emission vehicles	Two electric vehicles purchased by facilities for use by Campus Services and Estates.	GREEN
	Consider the introduction of pool cars for staff use in February 2017 once new travel management contract introduced.	Some work was undertaken with travel management company, however further work on pool cars required. This is being carried forward to next year	AMBER
	Review bus usage and investigate bus promotion offers to incoming students to discourage them bringing cars when attending university	New bus promotions agreed, and further work scheduled for next academic year	GREEN
	Implement NUS Love to Ride UniCycle behaviour change program and get 5% staff and 3% students signed up.	Great take up successful project. Featured in EAUC conference at Keele	GREEN ★
	Implement automatic number plate recognition technology on key university sites by summer 2018.	Project postponed	AMBER
	Review Parking Policy to develop new mechanisms for encouraging fewer car journeys to campus, by Summer 2018	Complete	GREEN
	TARGET	PROGRESS	PERFORMANCE
<p>BIODIVERSITY</p> <p>Enhance biodiversity and incorporate biodiversity in environmental management, creating new opportunities for wildlife on campus wherever possible</p>  	<p>Implement all detailed actions as set out in the Biodiversity Action plan. See for full details https://www.worcester.ac.uk/documents/BAP_2016-2019_V2_Feb_2018.pdf</p>	<p>Strategic Biodiversity Management group oversees the Biodiversity Action Plan (BAP) and implementation. It is regularly reviewed and updated. Projects within this are mostly long term and are on track.</p>	GREEN





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<p>EDUCATION FOR SUSTAINABLE DEVELOPMENT</p> <p>Embed inclusion of sustainability principles in the curriculum and support research in relevant areas</p>   	Audit the amount of research undertaken at UW in sustainability to establish a benchmark by Summer 2018	Achieved. New audit being undertaken in Spring 2019	GREEN
	Launch call 3 of Learning for Sustainable Futures projects by December 2017	Third call for Learning for Responsible Futures projects achieved.	GREEN
	Retain Responsible Futures accreditation, and increase score from 234 to 250 at next reaccreditation	Achieved rating 267	GREEN★
	Regularly report on progress at both Sustainability Committee and Learning Teaching and Student Experience Committee	Regular reports go to both committees, although there were fewer reports this year to LTSEC due to workload pressure of the academic lead for sustainability	GREEN
	TARGET	PROGRESS	PERFORMANCE
<p>COMMUNITY INVOLVEMENT</p> <p>Promote communication with internal and external interested parties and respond appropriately to reasonable requests for information about our environmental performance</p>  	Increase student sign-up in Student Switch Off by 10% on 2015/16 levels	Another really impressive sign up year.	GREEN
	Increase number of Green Impact teams to 20 in 2017-18	Achieved, some project now running over a number of year. Removed workbook option now only doing excellence projects	GREEN
	Increase the student awareness of the University's sustainability activities from (the baseline year 2015 51.8%) to 65% in the 3 years	Student awareness of general sustainability has decreased by 9% against 2015-16 and is clearly not meeting the target set. We acknowledge we need to add additional momentum to our communications and have changed our social media strategy. We now have more data and by mapping to the SDG's we are working on better and meaningful engagement with the student population.	RED
	Implement all activities as set out in the communication action plan and review and update Action Plan in January 2018	Lots of activities but still more engagement needed. www.susthingsout.com being revamped for launch in February 2019	GREEN

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	Work closely with and support student groups such as People and Planet, Nature Society to raise awareness on environmental issues	Close working with societies achieved. A range of joint activities especially in Go Green Week.	GREEN
	Promote collaborative working within UW and with Worcestershire and Worcester City Council and other 3rd sector organisations. Coordinate regular meetings and actively seek out initiatives where resources can be shared	Achieved. Excellent local collaborations, many winning awards	GREEN
	To use press evaluation and Google analytics, Twitter, Instagram reach to measure awareness of the University's sustainability drive in the local community and within the higher education sector. This research will inform possible target setting for community awareness	Student curriculum project to support but this in now taking place in 2018-9	AMBER
	Report on sustainability issues regularly to the University Community Forum	Achieved, Sustainability is a standard agenda item.	GREEN
	Increase student sustainability actions from 2016-17 baseline year of 64 % to 75% by 2020	Students have continued to increase the number of sustainability related actions. Work on this target is being reviewed in relation to the SDG's	GREEN
TARGET		PROGRESS	PERFORMANCE
FOOD Provide healthy and sustainable food to our staff, students and visitors.   	Retain Sustainable Restaurant Association certification	Sustainable Restaurant Associations certification obtained	GREEN
	Implement Green Impact Excellence project for 2017-19	Green Impact project starting 2018, focus on waste segregation	AMBER
	Minimise food waste and comply with the University's separate food waste collection service and provide facilities for recycling and disposing of plate waste	Some work has been undertaken as part of the Sustainable Restaurants accreditation work. More is required. See above	AMBER
	Promote part-time Carnivore campaigns	Part-time Carnivore campaign promoted during the period with a number of new sign ups received during Go Green Week.	GREEN

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