















**SUSTAINABILITY TARGETS 2018-19 – Approved Sustainability Strategy Group 19<sup>th</sup> October 2018**

Statement from Sustainability Policy	Quantitative Targets	SDG	Qualitative Targets	Responsibility
<p><b>1. ENERGY:</b></p> <p><b>Reduce energy use</b></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>	<p><b>GHGe targets</b></p> <p>5% p.a. reduction GHGe emissions in energy against a 2008/9 baseline from 2010 to 2020.</p> <p><b>Consumption targets</b></p> <ul style="list-style-type: none"> <li>6% reduction in kWh gas consumption from 2015-2016</li> <li>6% reduction in total kWh electricity consumption from 2015-2016</li> <li>Increase renewable energy generation to 2% of total consumption by 2020</li> </ul>	  	<ul style="list-style-type: none"> <li>Create an energy action plan for all University significant buildings to improve the DEC to target levels by August 2019.</li> <li>Implement carbon reduction projects as set out in annual carbon projects plan by August 2019</li> <li>Install fully functional fiscal meters on all sites and establish accurate synchronisation of all meters with aM&amp;T system by August 2019</li> <li>Continue replacement programme of LED lighting with dimmable function and activity detection controls.</li> <li>Continue Energize Worcester –phase 2 longitudinal research with Worcester Bosch, Worcester City Council and SU</li> </ul>	<p>Rebs Manson/Matt Smith</p> <p>Rebs Manson/Matt Smith</p> <p>Rebs Manson/Matt Smith</p> <p>Rebs Manson/Matt Smith</p> <p>Katy Boom</p>
<p><b>2. WATER</b></p> <p><b>Reduce our use of water</b></p>	<ul style="list-style-type: none"> <li>2.5% p.a. reduction in water GHGe emissions from consumption against a 2012-13 baseline from 2014 to 2020</li> </ul>	 	<ul style="list-style-type: none"> <li>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</li> <li>Expanding free chilled drinking water fountains for students and staff</li> <li>Main meters to be fully functional on pulsed outputs and recorded on aM&amp;T. Enable aM&amp;T system to establish a water leak detection programme by July 2019</li> <li>Increase awareness-raising to reduce consumption amongst students and staff by May 2019</li> </ul>	<p>Rebs Manson/Matt Smith</p> <p>Rebs Manson/Matt Smith</p> <p>Rebs Manson/Matt Smith</p> <p>Residential Life Team/Tim Bird</p>





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<p><b>3. WASTE MANAGEMENT</b></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>	<ul style="list-style-type: none"> <li>Reduce waste collection weight by 3% per annum from baseline 2015-6 from 2017-2020.</li> <li>Increase weight of charity donations by 5% per annum. Baseline data set 2012/13</li> </ul>	 	<ul style="list-style-type: none"> <li>Revise the Sustainable Waste Management Strategy, based on weight data by February 2019.</li> <li>Further promote local re-use services, such as Repair Café and British Heart Foundation</li> <li>Review cleaning materials and make recommendation of changes to supplier/projects to reduce negative environmental impacts, by June 2019</li> <li>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.</li> <li>Expand Fortis – White Bags recycling scheme with more social housing residents</li> </ul>	<p>Tom Taylor/Nic Brecknell Phil Mole</p> <p>Procurement/Chris Shaw</p> <p>Helen Proctor/Tim Bird</p> <p>Katy Boom</p>
<p><b>4. EMISSIONS AND DISCHARGES</b></p> <p>Prevent pollution by reducing emissions and discharges and regularly reviewing practice against benchmarks</p>	<ul style="list-style-type: none"> <li>Reduce fugitive F Gas emission by 25% annually from a baseline 2013-14 of 18.25 tCO<sub>2</sub>e</li> </ul>		<ul style="list-style-type: none"> <li>Do additional promotion of pollution awareness-raising including annual spill test drill by May 2019</li> <li>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 2019</li> <li>Review compliance HVAC equipment containing R22 gas and remove units by 2020.</li> </ul>	<p>Matt Smith</p> <p>Rebs Manson</p> <p>Rebs Manson</p>
<p><b>5. SUSTAINABLE PROCUREMENT</b></p> <p>Encourage environmentally-responsible procurement and employ whole-life costing and environmental</p>	<ul style="list-style-type: none"> <li>Reduce the carbon emissions attributed to contracts the University is able to influence by 5% from 2011-12 baseline by 2020</li> </ul>	 	<ul style="list-style-type: none"> <li>Provide regular reports from the Procurement Working group to Sustainability Strategy Group throughout the year.</li> <li>Implement Net Positive tool kit for supplier reporting and establish supplier engagement days and a program of supplier interactions to help develop a more sustainable supply chain, by summer 2019</li> <li>Increase the number and types of FairTrade products on campus, including the Campus Shop</li> </ul>	<p>Kathy Preece</p> <p>Lucy Smith</p> <p>Kathy Preece</p>






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performance criteria for selection				
<p><b>6. TRANSPORT</b></p> <p><b>Encourage environmentally-friendly transport and implement a Sustainable Transport/Green Travel Plan</b></p>	<ul style="list-style-type: none"> <li>• 25% reduction absolute tCO<sub>2</sub>e emissions from staff and students' commuting to University on a daily basis by 2020 from a baseline 2010/11 of 6,843 tCO<sub>2</sub>e</li> <li>• 5% reduction in the tCO<sub>2</sub>e emissions from travel between students' homes and the University by 2020 from a baseline 2010/11 of 2,891 tCO<sub>2</sub>e</li> <li>• 20% reduction in the percentage of staff travelling by car alone to work by 2020- i.e. a reduction from 55% in 2012 to 44% by 2020</li> <li>• 20% reduction in the percentage of students travelling alone by car to the University by 2018 - i.e. a reduction from 24% in 2011 to 19% by 2020</li> <li>• 10% reduction in the percentage of students</li> </ul>	  	<ul style="list-style-type: none"> <li>• Implement automatic number plate recognition technology on key university sites by summer 2020.</li> <li>• Review Parking Policy to develop new mechanisms for encouraging fewer car journeys to campus, by Summer 2019</li> <li>• Lead Woo Bikes 2 year e bike share scheme on campus and with Worcester City large employers ended February 2020</li> <li>• Pilot Stack Rack bikes for intersite travel with WMTrains innovation 2019/20</li> <li>• Consider the introduction of pool cars for staff use in February 2020 once new travel management contract introduced.</li> <li>• Review bus usage and investigate bus promotion offers to incoming students to discourage them bringing cars when attending university</li> <li>• Review student late night travel arrangements by February 2019</li> </ul>	<p>Tom Taylor</p> <p>Mark Hughes</p> <p>Katy Boom</p> <p>Katy Boom/Biella Research</p> <p>Kathy Preece</p> <p>Katy Boom/</p> <p>Tom Taylor</p>






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	<p>travelling alone by car between their home address to term time address by 2020</p> <p><b>Fleet and Business Travel targets</b></p> <ul style="list-style-type: none"> <li>• 5% reduction in the tCO2e emissions from business travel by 2020 from a baseline 2011/12 of 225.3 tCO2e</li> <li>• 5% reduction in the tCO2e emissions from fleet vehicles by 2020 from a baseline 2008/9 of 36.9 tCO2e</li> </ul>			
<p><b>7. HEALTH AND WELLBEING</b></p> <p>Provide appropriate environmental training for all our staff and students and encourage them to support the EMS</p> <p>Incorporate environmental responsibility in all staff job descriptions</p>	<p>Achieve level 3 standard of Worcestershire Works Well by August 2020</p>	   	<ul style="list-style-type: none"> <li>• A full set of qualitative targets with completion dates have been agreed for Health and Wellbeing by signing up to the <a href="#">Worcestershire Works Well framework</a>. UW has been mapped where we currently are on the matrix and actions for how to improve agreed. We have gained level 2 standard, under the following headings: Promoting Good Health, Smoking and Tobacco Control, Healthy Eating, Health and Safety, Mental Health and Well-being, Physical Activity, Alcohol and Substance Misuse, Leadership, Attendance Management.</li> <li>• Manage the gender pay gap and aim to stay sector leading</li> </ul>	<p>Health and Wellbeing Group</p> <p>Gill Slater</p>

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<p><b>8. CONSTRUCTION AND REFURBISHMENT</b></p> <p>Ensure sustainable approaches in all construction and refurbishment and incorporate energy-efficient approaches in all work</p>	<ul style="list-style-type: none"> <li>All new build projects should be designed to achieve a DEC B rating or above</li> <li>Design refurbishment projects to achieve a DEC rating of C as a minimum, but aim for B</li> <li>The improvements to Edward Elgar building and plant should result in a DEC rating of C by 2020</li> <li>All university owned buildings to achieve a C rating or above by September 2020</li> <li>60% of the University's estate to achieve at least a B rating by September 2020</li> </ul>	 	<ul style="list-style-type: none"> <li>Review the new RCIS SKA assessment rating for all refurbishment projects over 1000m2 by summer 2020</li> <li>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</li> <li>Where feasible all new build projects should be designed to meet average water consumption targets of 1.35m<sup>3</sup>/m<sup>2</sup> per m<sup>2</sup> of the GIA for residential and 0.71m<sup>3</sup>/m<sup>2</sup> per m<sup>2</sup> of the GIA for non-residential</li> <li>BREEAM assessment to be carried out on all new buildings of over 1000m2 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</li> </ul>	<p>Mark Evans</p> <p>Mark Evans</p> <p>Mark Evans</p> <p>Mark Evans</p>
<p><b>9. BIODIVERSITY</b></p> <p>Enhance biodiversity and incorporate biodiversity in environmental management, creating new opportunities for wildlife on campus wherever possible</p>	<p>Map St John's Campus in detail for land use by August 2020</p>	 	<p>Implement all detailed actions as set out in the Biodiversity Action plan. See for full details: <a href="http://www.worcester.ac.uk/discover/biodiversity.html">http://www.worcester.ac.uk/discover/biodiversity.html</a></p>	<p>Strategic Biodiversity Management Group - Chair Lorraine Weaver</p>
<p><b>10. EDUCATION FOR SUSTAINABLE DEVELOPMENT</b></p>	<ul style="list-style-type: none"> <li>Retain Responsible Futures accreditation, and increase score from 267 to 275 at next</li> </ul>		<ul style="list-style-type: none"> <li>Launch call 4 of Learning for Sustainable Futures projects by December 2018</li> <li>Regularly report on progress at both Sustainability Strategy Group and</li> </ul>	<p>Heather Barrett</p>

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<p><b>Embed inclusion of sustainability principles in the curriculum and support research in relevant areas</b></p>	<p>reaccreditation Summer 2020</p>	 	<p>Learning Teaching and Student Experience Committee</p> <ul style="list-style-type: none"> <li>• Audit the amount of research undertaken at UW in sustainability to establish a benchmark by Summer 2019</li> <li>• Deliver Emerging Leaders program for EAUC</li> </ul>	<p>Heather Barrett  Heather Barrett  Gill Slater/Katy Boom</p>
<p><b>11. COMMUNITY INVOLVEMENT</b></p> <p><b>Promote communication with internal and external interested parties and respond appropriately to reasonable requests for information about our environmental performance</b></p>	<ul style="list-style-type: none"> <li>• Increase student participation in Student Switch Off by 10% on 2017/18 levels</li> <li>• Increase number of Green Impact teams to 22 in 2018-19 across all sites</li> <li>• Increase the student awareness of the University’s sustainability activities from (baseline year 2016-17 47%) to 65% by 2020</li> <li>• Increase student sustainability actions from 2016-17 baseline year of 64 % to 75% by 2020</li> </ul>	  	<ul style="list-style-type: none"> <li>• Implement all activities as set out in the communication action plan and review and update Action Plan in January 2019</li> <li>• Work closely with and support student societies such as Vegans and Vegetarians, Nature Society to raise awareness on sustainability and social justice issues</li> <li>• 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</li> <li>• Report on sustainability issues regularly to the University Community Forum</li> <li>• Promote collaborative working within UW and with Worcestershire and Worcester City Council and other 3<sup>rd</sup> sector organisations. Coordinate regular meetings and actively seek out initiatives where resources can be shared</li> </ul>	<p>Katy Boom/Jane Britton  Katy Boom/Jane Britton  Katy Boom  Katy Boom  Katy Boom</p>

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<p><b>12. Food</b></p> <p>Provide healthy and sustainable food to our staff, students and visitors.</p>	<ul style="list-style-type: none"> <li>Retender catering contract with increased sustainability KPI's</li> </ul>	  	<ul style="list-style-type: none"> <li>Retain Sustainable Restaurant Association 3 star certification</li> <li>Retain MSC status</li> <li>Implement Green Impact Excellence project for 2018-19.</li> <li>Minimise food waste and comply with the University's separate food waste collection service and provide facilities for recycling and disposing of plate waste</li> <li>Promote part-time Carnivore campaigns to increase sign ups from 117 to 150 by summer 2019</li> </ul>	<p>Ian Bufton</p> <p>Tim Bird/Malcolm Harding</p> <p>Ian Bufton</p> <p>Residential Life Team</p>