

Environmental 2020 – 2022/23 - Targets and Objectives part of EMS – ISO14001:2015 (measured against EMS baseline data)

Impact Area	Objective	Target	Indicators	Responsibility
Sustainable Food	Limit the impact of food purchasing	<ol style="list-style-type: none"> 1) To progress Sustainable Restaurant Association feedback report and Soil Association accreditation. 2) To review food offer across the University's (and CMSU's) catering outlets. 3) Engage with CSSHS (Nutrition and Dietetics) Real World project to support development of new product (food) development at University catering outlets. 4) Enhance involvement with the Sustainable Food City initiative. 5) Continue to review impact on Waste Management Strategy. 	<ol style="list-style-type: none"> 1) To improve scoring of 78% and 3 stars for Sustainable Restaurant Association and achieve Soil Association Accreditation. 5) Continue to review single use plastic use at all outlets. Measure of re-usables with hot drink purchases and single use cups collected for recycling and number of free water vends. Food waste and food prep data to be collated for WRAP. 	Catering & Hospitality Manager
Waste Management	Reduce waste and increase awareness	<ol style="list-style-type: none"> 1) Reduce total number of bins across Campuses and standardise to support clear message on Recycling (survey pre – March 2020 and post July 2020). 2) To remove all Glass and Food waste from Halls Recycling (DMR) and General Waste streams at Cyncoed and Plas Gwyn by July 2020 (current contamination level to zero – Record reported incidents to date and measure against reported incidents as at July 2020). 3) To make all Staff, Students and Visitors aware of the Recycling and Re-use facilities at the University (surveys of Students and Staff to be undertaken during March 2020 and again June 2020). 	<ol style="list-style-type: none"> 1) Audit of bin locations and numbers March 2020 and survey review data. 2) Record reported incidents to date and measure against reported incidents as at July 2020. 3) Record of awareness activities and survey results. 4) Maintain zero waste to landfill and work towards Welsh Government's target of recycling 70% of our waste by 2025. 	Campus Services Manager
Travel & Transport	Minimise the negative environmental impact of University related travel & transport	<p><u>Walking</u></p> <ul style="list-style-type: none"> • To increase student and staff walking to campus by 3% and 5% respectively over the next two years to have 30% of students and a fifth of staff walking to campus. • To measure results via the biennial Student & Staff Travel Survey, scheduled for November 2020. <p><u>Cycling</u></p> <ul style="list-style-type: none"> • To increase cycling to campus as a preferred mode to single occupancy car use via exploring the opportunity to become part of Cardiff Councils 'Cycle Super- Highway' planned for 2023. • To increase cycling at Llandaff Campus from 14.08% to 20% in annual 2% increments over the next three years. • To expand the cycle storage facilities at both Llandaff and Campus before 2023. <p><u>Met Rider</u></p> <ul style="list-style-type: none"> • To migrate to an app based Met Rider pass for September 2020. • To explore having more public bus services delivering to Llandaff Campus through open bus access to the front of Llandaff Campus. • To increase Rider patronage amongst both students and staff by 5% in total over the next three years. 	<p><u>Walking</u></p> <p>November 2018 survey indicated that currently 27% of students and 15% of staff walk to campus.</p> <p><u>Cycling</u></p> <p>To be assessed via the Student & Staff Travel Survey and via cycle storage/changing card access requests.</p> <p><u>Met Rider</u></p> <p>To be assessed via annual sales figures.</p>	Travel Plan Manager
Sustainable Procurement	Through applying sustainable procurement principles and practices, the University aims to meet its need for products and services in a way that achieves value for money, yet delivers the most positive	To embed sustainable procurement practices is all key stages of the procurement lifecycle process.	<p>Programme of engagement with prospective, new and existing suppliers that sets out Cardiff Met's expectations in regards all aspects of sustainable supply chains.</p> <p>Implemented during the first half of 2020. Indicators of engagement and success for this programme will include:</p> <ul style="list-style-type: none"> • 100% of all suppliers bidding for Cardiff Met contracts • 100% of all new suppliers engaged by the University 	Head of Procurement

	social, environmental and economic impacts possible throughout the entire life cycle of whatever has been procured		<ul style="list-style-type: none"> Proactive sustainability engagement resulting in the identification of new sustainability opportunities and active enhancements across the key suppliers in the Universities top 10 sustainability risk commodities as identified through the Higher Education Procurement Academy ('HEPA') Commodity Risk Sustainability Assessment profile. Numbers of new suppliers and % who respond to the sustainable procurement aspect % of suppliers asked who engage in the self-declaration process. Identifying, recording of and reporting on tangible benefits and successes across the supply chains. % of 'high risk commodities' where commodity specific sustainability strategies and guidance exists. 	
Students' Union	Increase awareness activities with students and the community	<p>Events</p> <ol style="list-style-type: none"> Number of sustainable awareness events Number of Fairtrade events Attendance at Cardiff Met Community Days Attendance at Global Week Number of events organised by Students' Union Part Time Environmental Officer Number of student litter picks organised by SU volunteering Numbers of sustainable stalls at fresher's fayre Numbers of events for Go Green week <p>Initiatives</p> <ol style="list-style-type: none"> Numbers of Fairtrade Steering Group members Number of Sustainable societies Continue Fairtrade Status Number of students taking part in the Cardiff Met Award, with the level: - Health and Wellbeing ; Global Mind Set and Sustainable Thinking <p>Awareness</p> <ol style="list-style-type: none"> Number of social media posts Number of students engaging over recycling bags / food waste bags Number of initiatives introduced by the Students' Union Number of Environmental Champions Continue to hold the Social Enterprise Mark 	<p>Events</p> <ol style="list-style-type: none"> 1 3 4 1 1 1 4 1 <p>Initiatives</p> <ol style="list-style-type: none"> 3 1 Attain 2 of each <p>Awareness</p> <ol style="list-style-type: none"> 	Director of Students' Union
Sustainable Estates	Construction, Refurbishment, Biodiversity	Net zero carbon by 2030 – target in NET ZERO CARBON action plan will encompass different aspects of the EMS.	<p>Improve external estate, increasing connectivity, wellbeing, biodiversity, pedestrian safety, aesthetics and social/informal learning - see Biodiversity Action Plan.</p> <ul style="list-style-type: none"> Plant at least 60 trees – 25 each at Cyncoed and Llandaff, 10 at Plas Gwyn. Create new space for staff and student food growing, at all campuses. Increase external seating areas by at least 20 spaces each at Cyncoed and Llandaff, 10 at Plas Gwyn. Remove smoking shelters as Clean Air Policy starts in September 2020. Create conservation area and walk in east/riverside wood at Llandaff. Create new route to riverside at rear of Llandaff. Replace central bike shelter at Llandaff with larger shelter using sustainable materials. 	Director of Environment & Estates

			<ul style="list-style-type: none"> Additional living wall planting at Cyncoed and Llandaff. Green front of Llandaff campus through additional turfing at roadside and sympathetic redecoration of key buildings. Provide training/learning opportunities for beehives on both campuses. Ensure sustainability at heart of new construction/campus redevelopment and estates strategy. 	
Paper & Print	Managed print service	<ol style="list-style-type: none"> Monitor & educate top users (staff) for single-sided & colour print. Measure and report on double-sided print across the fleet (monthly reporting). Measure and report on colour print across the fleet (monthly reporting). Measure and report on overall scanning volumes across the fleet (monthly reporting). 	<ol style="list-style-type: none"> Monthly reporting with top 5 users identified, contacted and information provided on methods to reduce consumption. Baseline of 60% duplex. Baseline of 65% mono. Baseline of 500,000 scans per calendar year. 	Commercial Services Manager
Environmental Awareness	Increase awareness activities, Campus and within Community	<ol style="list-style-type: none"> To raise awareness of environmental and sustainability issues amongst Cardiff Met staff, students, stakeholders and local community with events and communication. Maintain ISO 14001: 2015. Improve standing in P&P Green League table. 	<ol style="list-style-type: none"> Monthly reporting on events type, number and impact. Maintain continuous improvement with ISO 14001 and achieve zero non-conformities. Improve on 68th from 2019 league. 	Sustainability Engagement Manager
Energy & Utilities	Reduce Energy & Water consumption	<ol style="list-style-type: none"> Reduce utility emissions to meet reduction targets (currently 3% per annum) as set out within Carbon Management Strategy. Development of Carbon Management Plan project list to deliver aims of the Carbon Management Strategy, including prioritisation of projects for implementation. Improve awareness of energy and utility consumption across the estate through regular targeted reporting of key data through meetings with schools. 	<p>Reduce absolute carbon emissions from water by 10% by 2022/23, compared to the 2017/18 baseline. This is equal to a 2% reduction in water related CO2e emissions per annum.</p> <p>Reduce absolute carbon emissions from energy by 15% by 2022/23, compared to the 2017/18 baseline. This is equal to a 3% reduction in energy related CO2e emissions per annum.</p> <p>Net carbon zero by 2030 – action plan May 2020</p>	Energy and Environment Engineer
Emissions & Effluents	Legislation Compliance / Best Practice	Compliance with Legislation /Best Practice, Drainage Discharge, Emissions to Air, Drainage, Air Conditioning, Lev's and Fume Cupboards, Water Treatment / Control of Legionella.	Recording of Compliance with Legislation and Best Practice for Drainage Discharge; Emissions to Air; Drainage; Air Conditioning; Lev's and Fume Cupboards and Water Treatment / Control of Legionella, checking via internal student audits and ensuring compliance through our legislation update service.	Maintenance and Space Operations Manager
Chemicals & Hazardous substances	Control of chemical & hazardous substances	Monitoring the implementation of the Cardiff Met Environment Good Practice Use of Chemicals Protocol within the University's schools/units.	Recording of number of completed internal audits collectively completed between health & safety inspections and internal /external environmental audits per term.	Asst Dir of HR (Occupational Health, Safety & Wellbeing)
Academic Development	Promotion of Environmental studies	<ol style="list-style-type: none"> To initiate an investigation into how many courses currently contain components of sustainability within the University. To scope out how sustainability could be incorporated into the future QED CPD offering as part of the current CPD review, including evaluation processes e.g. through workshop feedback/ staff self-reporting on activities /validation processes. 		Learning Development Officer
Sustainable Research	Academic research and consultancy relating to environmental topics	Completion of an annual report summarising academic research and consultancy undertaken by the University		Director of Research and Graduate Studies