

Environmental 2023/24 - Targets and Objectives part of EMS – ISO14001:2015 (measured against EMS baseline data)

Strategy 2030

- Transform our estate, to be net zero carbon by 2030, and provide outstanding, innovative and highly sustainable environments for learning, working, living, sport and socialising. This will be achieved through a mix of new buildings that are sympathetic to our surroundings and the repurposing and revival of our existing estate to ensure maximum sustainability.
- We embody a high-performance culture with a low carbon footprint, changing the world while becoming a net zero carbon university across our campuses by 2030.

Cardiff Met achieved ISO 14001 (accreditation in 2012, with ISO 14001 : 2015). Continuing to maintain this by setting clear objectives and targets, with Aspect owners report progress termly. The continual improvement is maintained via review with termly meetings with Aspect Owners, Students' Union, Students, Trade Union reps and Academic Reps.

Impact Area	Aims	Objectives	Targets	Key Performance Indicators	Responsibility
Sustainable Estates	<p>Protect and enhance biodiversity across the University's estate and promote its benefits for students, staff and the local community.</p> <p>Embed principles that will minimise the environmental impact of the University estate from design to occupation and refurbishment</p>	Construction, Refurbishment, Biodiversity	Net zero carbon by 2030 – target in NET ZERO CARBON action plan will encompass aspects of the EMS.	<p>Improve external estate, increasing connectivity, wellbeing, biodiversity, pedestrian safety, aesthetics and social/informal learning – via implementation of Biodiversity Action Plan.</p> <p>Ensure sustainability at heart of new construction/campus redevelopment and estates strategy.</p>	Director of Environment & Estates
Emissions & Effluents	Prevent pollution by minimising emissions and discharges to air, land and water, and ensure compliance with all relevant environmental legislation and other mandatory obligations	Emissions and Discharges - 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.	Asst. Director of Estates

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Sustainable Food	<p>Reducing our scope 3 emissions by reducing our meat consumption</p> <p>Ensure that sustainability is the core feature of our outlets and work with local suppliers to improve our scope 3 emissions.</p> <p>Continue to manage food waste in our outlets and increase food segregation across campus.</p> <p>Increase our point-of-sale communication about sustainability in our outlets</p>	Limit the impact of food purchasing	<ul style="list-style-type: none"> To progress Sustainable Restaurant Association feedback report To review food offer across the University's (and CMU's) catering outlets. Engage with CSSHS (Nutrition and Dietetics) Real World project to support development of new product (food) development at University catering outlets. Enhance involvement with the Sustainable Food City initiative. Continue to review impact on Waste Management Strategy. Support the Fairtrade accreditation in conjunction with the Students' Union. 	<ul style="list-style-type: none"> To improve scoring of 78% and 3 stars for Sustainable Restaurant Association Accreditation. Continue to review single use plastic use at all outlets. Measure of re-usables with hot drink purchases 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	<p>Embed the principles of the waste hierarchy to prevent, reduce, reuse, recycle and dispose of our waste</p> <p>Raise awareness of waste management practices at the University in staff, students, contractors, visitors and other Stakeholders</p>	Reduce overall Waste produced and increase Recycling percentage	<ul style="list-style-type: none"> Implement a Resource Redistribution Platform and Process to facilitate the re-use of surplus Furniture within the University and extend into Public Sector and Charity networks in order to remove surplus Furniture entering the Waste stream as recycled product. To be fully operational for use by September '23 for internal use. To be fully operational for external networks by December '23. Reduce total Waste per Student head count by 2.5% by July '24. Baseline 2022/23 Student Head Count & Total Waste. Quarterly monitoring of target v's performance to track progress. 	Waste – Weight summary totals for each waste type, by location and campus	Campus Services Manager

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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 social, environmental and economic impacts possible throughout the entire life cycle of whatever has been procured	To embed sustainable procurement practices is all key stages of the procurement lifecycle process.	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>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 • 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 	Head of Procurement

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Travel & Transport	<p>Minimise the impact of staff and student travel and encourage the use of efficient modes of transport that reduce environmental impact, congestion and air pollution.</p> <p>Review data owners and practices for all baseline data for all Travel types and data collection required for scope 3 and HESA/EMR</p>	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 2024. <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 2023/24. To increase cycling at Llandaff Campus from 14.5% to 20% in annual 2% increments over the next three years. To expand the cycle storage facilities at both Llandaff and Campus before 2025. To increase student and staff Nextbike usage from 6,000 cycle rides a month to 8,000 rides a month over next two years. Expand cycle to work scheme to an annual three month window as opposed to a one month window. <p><u>Met Rider</u></p> <ul style="list-style-type: none"> To explore increased routes and frequency of service to match demand over the next three years. 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 	<p><u>Walking</u> November 2022 survey indicated that currently 28% of students and 14% of staff walk to campus.</p> <p><u>Cycling</u> November 2022 survey indicated that currently 10% of students and 15% of staff cycle to campus.</p> <p>Cycle To Work scheme - Compare annual participation levels</p> <p><u>Met Rider</u> November 2022 survey indicated that currently 20% of students and 6% of staff use bus services to campus.</p> <p><u>Accommodation</u> Review agreements with PBSA's to ensure future nomination agreements are with providers in close proximity to campus.</p> <p><u>Business Travel</u> Review of Business Travel Policy and processes</p>	Travel Plan Manager

			<p>staff by 10% in total over the next three years.</p> <p><u>Halls Accommodation</u></p> <ul style="list-style-type: none"> To actively seek to accommodate students close to their study campuses to negate the requirement for commuting via cars. 		
Impact Area	Aims	Objectives	Targets	Key Performance Indicators	Responsibility
Students' Union	Increase awareness activities with students and the community	<p><u>Events</u></p> <p>1) Number of sustainable awareness events</p> <p>2) Number of Fairtrade events</p> <p>3) Attendance at Cardiff Met Community Days</p> <p>4) Attendance at Global Week</p> <p>5) Number of events organised by Students' Union Part Time Environmental Officer</p> <p>6) Number of student litter picks organised by SU volunteering</p> <p>7) Numbers of sustainable stalls at fresher's fayre</p> <p>8) Numbers of events for Go Green week</p> <p><u>Initiatives</u></p> <p>9) Numbers of Fairtrade Steering</p>	<p><u>Events</u></p> <p>1) 1</p> <p>2) 3</p> <p>3) 4</p> <p>4) 1</p> <p>5) 1</p> <p>6) 1</p> <p>7) 4</p> <p>8) 1</p> <p><u>Initiatives</u></p> <p>9) 3</p> <p>10) 1</p> <p>11) Attain</p> <p>12) 2 of each</p> <p><u>Awareness</u></p> <p>13)</p> <p>14)</p> <p>15)</p> <p>16)</p> <p>17)</p>	<p><u>Events</u></p> <p>18) 1</p> <p>19) 3</p> <p>20) 4</p> <p>21) 1</p> <p>22) 1</p> <p>23) 1</p> <p>24) 4</p> <p>25) 1</p> <p><u>Initiatives</u></p> <p>26) 3</p> <p>27) 1</p> <p>28) Attain</p> <p>29) 2 of each</p> <p><u>Awareness</u></p> <p>30)</p> <p>31)</p> <p>32)</p> <p>33)</p> <p>34)</p>	Director of Students' Union

		<p>Group members</p> <p>10) Number of Sustainable societies</p> <p>11) Continue Fairtrade Status</p> <p>12) Number of students taking part in the Cardiff Met Award, with the level: - Health and Wellbeing ; Global Mind Set and Sustainable Thinking</p> <p><u>Awareness</u></p> <p>13) Number of social media posts</p> <p>14) Number of students engaging over recycling bags / food waste bags</p> <p>15) Number of initiatives introduced by the Students' Union</p> <p>16) Number of Environmental Champions</p>			
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Paper & Print	<p>Plan an appropriate fleet of devices & software for new contract. Investigate how this contract would provide a carbon neutral solution by 2030.</p> <p>Maximise the use of sustainable materials in print & merchandise.</p> <p>Minimise the environmental impact of print sourced externally.</p>	Managed Print Service	<ul style="list-style-type: none"> Increase percentage of sustainable merchandise ordered (establish a baseline in 2023-24). Implement a print solution in 2025 with the target of being carbon neutral before the end of contract in 2030. Increase print supplied internally, to minimise transport costs and ensure sustainable materials used where possible. 	<ul style="list-style-type: none"> Measure & report on paper ordered. Report on Fairtrade and sustainable clothing & merchandise ordered. Measure device usage against expected levels, determine ideal number of devices based on actual levels of print. Measure & report on external print spend within the university. 	Commercial Services Manager
Environmental Awareness	Maintain and continually improve our environmental awareness engagement with staff, student and community with the Sustainability Engagement Strategy	Increase awareness activities, Campus and Community involvement	<ul 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. 	<ul style="list-style-type: none"> Monthly reporting on events type, number and impact. Maintain continuous improvement with ISO 14001 and achieve zero non-conformities. Continual improvement in score. 	Sustainability Engagement Manager
Energy & Utilities	<p>Reduce energy consumption in line with our energy targets and carbon emissions in line with our carbon targets</p> <p>Effectively manage and reduce our mains water consumption across our estate</p>	Reduce Energy and Water consumption	<ul 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. Continue with decarbonising of heating and hot water systems. 	<ul style="list-style-type: none"> 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. 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. Net carbon zero by 2030 – action plan delivery 	Energy and Environment Engineer

			<ul style="list-style-type: none"> • Improve awareness of energy and utility consumption across the estate 		
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Education for Sustainable Development	Support staff and students in gaining the knowledge, skills and attributes needed for sustainable development	Promotion of Environmental studies	<ul 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