Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Sustainability Smart Targets

Buildings, Construction & Refurbishment

1 Introduction of a robust monitoring programme to ensure accurate monitoring of energy use, and water use through the provision and use of an Energy Management System enabled by an appropriate software package

2 Transition to ensure that all new capital projects are built to Net Zero Carbon BREEAM 'Excellent' score and there is an associated reduction in supply chain impacts

3 To significantly improve the energy efficiency of the remaining estate, with full consideration given to replacement & renewable energy heat schemes and discontinuation use of gas

4 Campus development plans must prioritise decarbonisation opportunities such as scoping for Low/No Carbon Heat pilot projects and making significant progress on understanding and implementing the remaining energy efficiency opportunities

5 Achieve 80% of existing estate onto building management system to improve efficiency which includes utilisation of effective building management controls

Efficiency around refurbishment works is funded using a Salix recycling fund and Salix loans. The external Salix tool is used to monitor and calculate efficiency improvements in line with a 7 year payback period. Efficiency improvements are monitored inhouse by the sustainability team through a network of utility sub metering devices. Previous efficiency reports are used to plan ongoing refurbishment.

Emissions & Discharge

1 Survey all drainage infrastructure to ensure all surface water and black water are separated where a separated sewer system is in operation.

2 Reduce fugitive emissions to due to maintenance failures to 0 by 2028

Fugitive emissions are monitored through annual leak tests on all refrigerant systems. Emissions are externally verified and reviewed through annual environmental management system audits

Community & External Partnership

1 Ensure a minimum of 2 community groups are engaged/partnered with at each campus region by July 2024

2 Offer a at least 5 external volunteering opportunities to staff and students annually

Engagement calendar of events is reviewed annually and engagement numbers monitored through attendee lists.

Biodiversity & Eco Systems

1 200% increase in flora biodiversity within designated meadow areas 2030. 100% by 2026

2 50% increase in fauna biodiversity on the Carmarthen and Lampeter campuses by 2030, 30% by 2026

3 Species diversity baseline to be set December 2023 for Swansea, Carmarthen, Lampeter Campuses

Monitoring is undertaken through internal annual transect monitoring of grounds areas. Results are shared to the biodiversity action group, who meet monthly to inform on progress of actions within the biodiversity and Eco system forward plan

Waste

1 95% of all waste diverted from landfill by 2025

2 70% of all waste recycled by 2025 80% recycled by 2027

3 Have a **Re-Use** portal diverting any usable assets to internal departments or external charities and partners by September 2026

All waste collected is weighed upon collection and compiled into campus totals by disposal route monthly. Campus reports are produced and delivered to campus managers bi-annually. Reports are used to develop waste action plans to improve diversion and recycling rates. External submission to HESA annually.

Travel & Transport

1 15% reduction in business travel mileage emissions per FTE staff

2 100% zero emission fleet by 2030

3 Provisions of active travel facilities at each campus locations for both staff and students by 2026

Business mileage emissions are monitored annually from expenses claims as part of the carbon accounting for HESA and Welsh Government NetZero.

Procurement and Contracting

1   A minimum 10% weighting of sustainability value in tendering assessment by 2025

2   Any supplier awarding more than £1 million in contracts annually will be required to complete the Net Positives Toolkit providing higher integrity conversion values around emissions

3   Addition of a requirement for all new suppliers to submit an Environmental Impact Assessment ahead of tender submissions by 2025

4   Implement an AI driven procurement emissions monitoring system by 2026, to inform on project carbon viability.

Procurement emissions factors are calculated annually as part of university reporting schedule. A procurement specific report is presented to the UWTSD Group Head of Procurement to identify data gaps and progress against previous year.Monitoring of external emissions calculator of suppliers is done annually to ensure emissions conversion factors remain valid.

Water

1 To reduce water consumption by 64% from 2013 baseline by 2030.

2 Low flow devices to be fitted to all public taps by 2026.

3 Implement flow monitoring on all buildings by 2027 to reduce leak detection lag

4 Ensure annual consumption per FTE staff/student is 3.5m3

Monitored annually through total metered consumption and FTE figures delivered to HESA. Monitoring published in Water Management plan with annual review
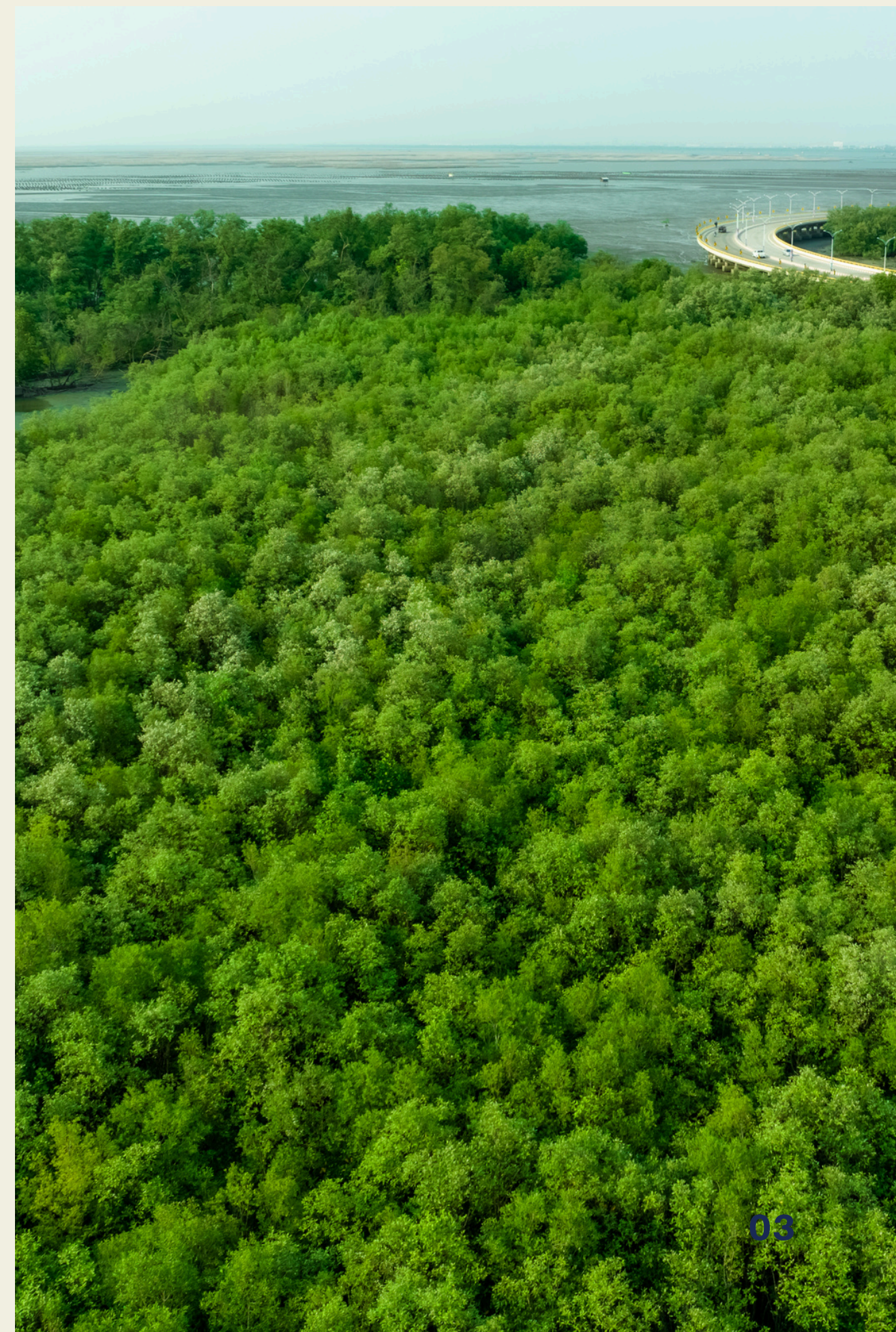
Net Zero Carbon

1   Reduce scope 1 & 2 emissions by 95% from baseline by 2030

2   Reduce scope 3 emissions by 20% based on student staff FTE numbers by 2027

Carbon accounting is undertaken annually by the Sustainability and Tenants team and reported publicly on the Welsh Government NetZero page and through HESA. The consumption figures are reviewed annually by the sustainability team and relevant action plans amended to improve efficiency.

Food

1   10% reduction in food waste per FTE staff by 2025 and 20% by 2028

2   Provide meal CO2 emissions values alongside nutritional information for all canteen meals by 2025

3   Ensure a healthy eating and budget option is available at every outlet by 2024

4   Work with external partners to divert any consumable food to food hub/banks by 2025

The university set a baseline of 21kg of food waste per FTE staff for the 2021/22 year. Food waste is monitored through collection weights and reviewed by the sustainability team monthly. Quarterly reports are presented to head chef's at each restaurant to highlight good practice and highlight areas for improvement.

Ethical Decisions

1 University committee structure ensures all decisions are made ethically. The accountability policies within this structure ensure this is rigorously maintained

2 Reinvestment of historic divested funds follows the ethical investment policy

3 All research programs are required to follow the Ethical Review Process, with final approval through the Research Ethics Committee who will review in line with the Research Ethics & Integrity Code of Practice. Ensuring all research programs are conducted to the highest ethical standards
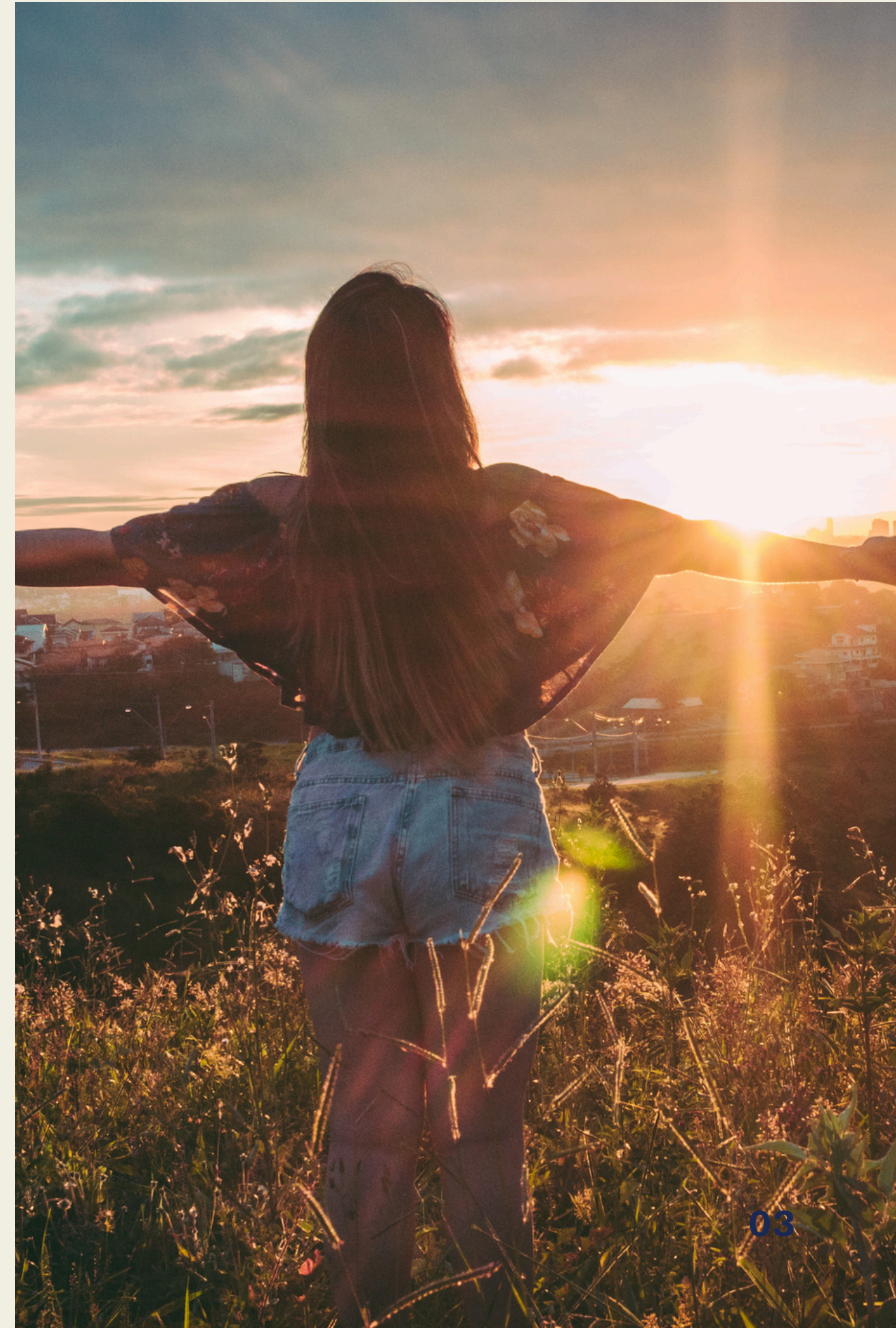
Wellbeing & Engagement

1 Recruit sustainability champions in every professional service and academic department by 2026

2 Provide a minimum of 10 in house volunteering/engagement event opportunities to students annually

Engagement events and contact numbers are reviewed annually and used to develop future events

Education & Sustainable Development

1 Embed sustainability within 75% of courses by 2025 and 100% of courses by 2027 through the course mandate PB2 form

2 Make sustainability training module mandatory for all new starters by 2025

3 Provide sustainability induction package to all students by 2025

Registry department review PB2 annually to ensure current sustainability goals are continuing to be met within each program report is presented to the sustainability department. Where review is required academic practitioners will need to update the PB2 course material to align with current sustainability agenda. Embedded sustainability is measured through PB2 forms inclusion of sustainability teaching against total course numbers offered. Sustainability team support academic delivery through the lecturing and utilisation of campus projects as living lab exemplars.