

Sustainability Road Map



5.Climate Action
Road Map.pdf

2020/21 – Achieved

Implemented strategies to reduce carbon footprint

- Carbon Reporting for 2019/20 has been calculated.
- Sustainability landing page live on the college website.
- Sustainability branding created for communication roll out.
- Global Climate Letter has been signed by the college.
- Established a sustainability committee Group
- Sustainability policy established
- Flexible working principles established for all staff
- Working from home policy updated.

Implemented strategies to reduce refuse

- Significant reduction in printed materials in line with digital strategy.
- Quarterly print cost reports sent to all budget managers to encourage reduction.
- Restricted use of colour printing/copying.
- All waste sent to MRF (Material recovery facility) for segregation on recycling as appropriate.
- Recycling posters on all refuse bins on both college campuses.
- Confidential waste sent for recycling under GDPR.
- Recycling of materials in construction trades.
- Scrap metal materials sold and monies reinvested.

Implemented strategies to reduce energy use

- Reduced opening hours at the Winsford campus. Condensed teaching week at Warrington.
- Phased installation of efficient boilers has commenced.
- Fitted brise soleil and solar film to buildings to reduce the need for mechanised cooling systems.
- New building management system (BMS) fitted in 2021. Both sites controlled centrally.
- Phased move to LED lighting throughout all campuses.
- Localised timers on all point of use hot water boilers.
- Sensors on corridors, storerooms and staircases.
- Fitted invertors on all motors within air handling units.
- Fitted power perfecter units to incoming electrical supply at Warrington.

Implemented strategies to reduce water use

- Fitted non-concussive taps in all toilets and washroom areas.
- Fitted new toilets with reduced cistern capacity.
- Mains fed drinking water machines introduced.

Implemented strategies to improve biodiversity

- Wildlife area created onsite.
- Native fruit bearing trees planted to attract wildlife.
- Fitted bird boxes onsite.
- Managed and planned pruning of hedges and shrubs.

Ensure that campus food suppliers come from a sustainable local source

- 90% of all college suppliers are members of the crescent purchasing consortium - sustainability checks on all suppliers.
- Reduced dedicated delivery days.

2021/22 - Achieved

- Undertook a short online survey for Staff & students views on sustainability and ideas of how the college could improve.
- Updated the carbon reporting figures for 21/22 taking into consideration past years prior to covid as a real bench mark against progress.
- Established action network with the local council, linking with WBC and Chester University to share best practice.
- Join Carbon Trust public sector network.
- Incorporated net zero ambitions in a strategic plan and establish ring fenced budget.
- Signed the SDG Accord - the university and college sector's collective response to the sustainable development goals.
- Sustainability to feed through operational planning panels.
- Reintroduction of cycle scheme.

Implemented strategies to reduce energy use

- Phased installation of efficient boilers has commenced. 92% complete
- Phased move to LED lighting throughout all campuses. Winsford 100% complete, Warrington 90% complete.
- Lowered and insulated ceiling in theatre.

2022/23 - In progress

Implemented strategies to reduce carbon footprint

- Communicate what we have already done with regards sustainability to ensure there is an awareness and commitment by the college.
- Introduce a college Sustainability week w/c 13 February 2023 – showcasing student projects, encourage green travel etc
- Training for staff and students as part of CPD/tutorials.
- Audit Curriculum against SDGs using responsible futures network and accreditation.
- Expand travel policy to reduce emissions from commuting to / from campus.
- Introduced flexible working, car share, cycle to work scheme.
- Electric vehicles – investigate further following the legislative changes to make it more beneficial for individuals.

Implemented strategies to reduce energy use

- Air Handling recuperation to be fitted to the air handling system in G block which will improve recovery by 78%
- New energy efficient ceiling hung heaters to be fitted in J block workshops
- Complete programme of LED lighting
- Continue programme of installation of new energy efficient boilers
- Over lay new insulated roof on H block

2 - 5 Years 2022/25

- Incorporate sustainability into governance arrangements.
- Develop climate adaptation/ Climate risk management approach.
- Implement renewable energy on a part of/or all of the estate.
- Work with local community/council/businesses to improve local biodiversity.
- Share carbon footprint data collection approach as a model for other colleges.
- Embed climate responsibility into staff development – train teaching staff to incorporate sustainability curriculum into all courses.
- Apply for Green Gown or AoC Beacon Award.
- Installation of solar PV on two or more buildings.

By 2030

- Achieve net zero carbon footprint from college estate.
- Sustainable development goals achieved.