

## Sustainability Road Map



5.Climate Action  
Road Map.pdf

<b><u>2020/21 - Achieved</u></b>	<b><u>2021/22 - Achieved</u></b>	<b><u>2022/23 - In progress</u></b>	<b><u>2 - 5 Years 2022/25</u></b>	<b><u>By 2030</u></b>
<p><b><u>Implemented strategies to reduce carbon footprint</u></b></p> <p>Carbon Reporting for 2019/20 has been calculated.</p> <p>Sustainability landing page live on the college website.</p> <p>Sustainability branding created for communication roll out.</p> <p>Global Climate Letter has been signed by the college.</p> <p>Established a sustainability committee Group</p> <p>Sustainability policy established</p>	<p><b><u>Develop a short online survey</u></b> (or to be added to QDP) to gather Staff &amp; students views on sustainability and ideas of how the college could improve.</p> <p><b><u>Gain an update on carbon reporting figures for 21.22</u></b> To take into consideration past years prior to covid as a real bench mark against progress.</p>	<p><b><u>Implemented strategies to reduce carbon footprint</u></b></p> <p><b><u>Communicate</u></b> what we have already done with regards sustainability to ensure there is an awareness and commitment by the college. – discussion around Feb CPD week/day around a green theme (workshop, sharing information, external bodies)</p> <p><b><u>Training for staff and students</u></b> deliver to all staff and students in the next academic year as part of CPD/learner tutorials.</p>	<p>Incorporate sustainability into governance arrangements</p> <p>Develop climate adaptation/ Climate risk management approach.</p> <p>Implement renewable energy on a part of/or all of the estate.</p> <p>Work with local community/council/businesses to improve local biodiversity.</p> <p>Share carbon footprint data collection approach as a model for other colleges.</p> <p>Embed climate responsibility into staff development – train</p>	<p>Achieve net zero carbon footprint from college estate</p> <p>Sustainable development goals achieved</p>

<p>Flexible working principles established for all staff</p> <p>Working from home policy updated.</p>	<p><b><u>Establish action network with the local council.</u></b> Got links with WBC and Chester University to share best practice.</p> <p><b><u>Join Carbon Trust public sector network.</u></b></p> <p><b><u>Incorporate net zero ambitions in a strategic plan and establish ring fenced budget.</u></b> <u>Modify estates in line with this. SA5</u></p> <p><b>Apply for Salix finance loan to improve efficiency/reduce emissions.</b> Explored Salix finance but unfortunately not eligible.</p> <p><b><u>Sign SDG Accord</u></b> The SDG Accord is the university and college sector's collective response</p>	<p>Audit Curriculum against SDGs using responsible futures network and accreditation.</p> <p>Expand travel policy to reduce emissions from commuting to / from campus. Introduced flexible working, car share, cycle to work scheme launch on 14<sup>th</sup> November.</p> <p>Electric Car – investigate further following the legislative changes to make it more beneficial for individuals.</p>	<p>teaching staff to incorporate sustainability curriculum into all courses.</p>	
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	<p>to the <b>sustainable development goals</b>.</p> <p><b><u>Operational Planning</u></b> – Sustainability to feed through operational planning panels. Now in QiP's</p> <p>Reintroduction of cycle scheme.</p>			
<p><b><u>Implemented strategies to reduce refuse</u></b></p> <ul style="list-style-type: none"> <li>- Significant reduction in printed materials in line with digital strategy.</li> <li>- Quarterly print cost reports sent to all budget managers to encourage reduction.</li> <li>- Restricted use of colour printing/copying.</li> <li>- All waste sent to Murf (Material recovery facility) for segregation on recycling as</li> </ul>				

<p>appropriate.</p> <ul style="list-style-type: none"> <li>- Recycling posters on all refuse bins on both college campuses.</li> <li>- Confidential waste sent for recycling under GDPR.</li> <li>- Recycling of materials in construction trades.</li> <li>- Scrap metal materials sold and monies reinvested.</li> </ul>				
<p><b><u>Implemented strategies to reduce energy use</u></b></p> <ul style="list-style-type: none"> <li>- Reduced opening hours at the Winsford campus. Condensed teaching week at Warrington.</li> <li>- Phased installation of efficient boilers has commenced.</li> <li>- Fitted brise soleil and solar film to buildings to reduce the need for mechanised cooling</li> </ul>	<p><b><u>Implemented strategies to reduce energy use</u></b></p> <ul style="list-style-type: none"> <li>- Phased installation of efficient boilers has commenced. 92% complete</li> <li>- Phased move to LED lighting throughout all campuses. Winsford</li> </ul>	<p><b><u>Implemented strategies to reduce energy use</u></b></p> <p><b><u>Air Handling</u></b> recuperation to be fitted to the air handling system in G block which will improve recovery by 78%</p>	<p>Apply for Green Gown or AoC Beacon Award.</p> <p>Installation of solar PV on two buildings.</p>	

<p>systems.</p> <ul style="list-style-type: none"> <li>- New building management system (BMS) fitted in 2021. Both sites controlled centrally.</li> <li>- Phased move to LED lighting throughout all campuses.</li> <li>- Localised timers on all point of use hot water boilers.</li> <li>- Sensors on corridors, storerooms and staircases.</li> <li>- Fitted invertors on all motors within air handling units.</li> <li>- Fitted power perfector units to incoming electrical supply at Warrington.</li> </ul>	<p>100% complete, Warrington 85-90% complete</p>			
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<p><b><u>Implemented strategies to reduce water use</u></b></p> <ul style="list-style-type: none"> <li>- Fitted non-concussive taps in all toilets and washroom areas.</li> <li>- Fitted new toilets with reduced cistern capacity.</li> <li>- Mains fed drinking water machines introduced.</li> </ul>				
<p><b><u>Implemented strategies to improve biodiversity</u></b></p> <ul style="list-style-type: none"> <li>- Wildlife area created onsite.</li> <li>- Native fruit bearing trees planted to attract wildlife.</li> <li>- Fitted bird boxes onsite.</li> <li>- Managed and planned pruning of hedges and shrubs.</li> </ul>				
<p><b><u>Ensure that campus food suppliers come from a</u></b></p>				

**sustainable local source**

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

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