

## Sparsholt College Group Sustainability Strategy

[2021-2022]		[2022-2023]	[2023-2029]	[2030]
Achieved		In progress	Planned	Planned
<ul style="list-style-type: none"> <li>Water harvesting systems to save water</li> <li>All electric supply is green</li> <li>Zero land fill waste contractor</li> <li>All boilers replaced with grade A boilers</li> <li>All contractors must have green incentives or quality assurances</li> <li>All mains gas supply is from green energy supplier</li> <li>Planning consent to install a green digester at Sparsholt campus</li> <li>500 KW of Photovoltaics installed providing 30% of our electrical supply.</li> <li>Car share policy for staff</li> <li>Monitoring systems installed on water consumption (leak detection)</li> <li>New buildings are built to BREEM standards with excellent as the target</li> <li>Building management system (BMS) installed on small number of SCH buildings and all new builds</li> <li>Carbon reduction plan produced.</li> <li>LED lighting installed on Andover campus</li> <li>Move to Meadow foods for milk sales and accredited to sustainable milk production programme.</li> <li>Re-accredited to Red Tractor sustainable farming</li> <li>Well established diverse habitats including an area of wetland, 1 hectare lake, 2 hectares of Ancient Semi-Natural Woodland managed for conservation and diversity</li> <li>Multiplicity of ornamental tree and shrub variety and garden plants on the campuses</li> <li>E-tendering system for procurement</li> <li>Curriculum engagement in local biodiversity projects</li> <li>Catering switch to veg-based packaging.</li> <li>Launch Sustainability page on website</li> </ul>	<ul style="list-style-type: none"> <li>Report and manage climate change impact in Strategic Risk Management Plan</li> <li>Integration of the sustainability agenda within the tutorial programme to raise awareness and understanding.</li> <li>Engage learners in meaningful social action projects which focus on the green agenda and connects learners to wider societal responsibilities.</li> <li>Consider remote working solutions to reduce travel (i.e., between campuses)</li> <li>Complete installation of LED lighting on Sparsholt campus</li> <li>Carbon Reduction Plan (CRP) produced with priority actions identified</li> <li>New property strategy developed which embeds climate change considerations within capital investment decision making</li> <li>On-site College apiary re-established</li> <li>FECTF funding application to replace the most inefficient buildings on the Sparsholt campus</li> <li>Ongoing management and review of habitat and diversity on SCG campuses</li> <li>Reduce Scope 2 (energy indirect) emissions by 10% from the base year 2017/18 through energy efficiency initiatives and raising awareness</li> <li>Reduce WEEE waste by further 5% through Repair, Reuse, Recycle and through sustainable procurement.</li> <li>Reduce water emissions by further 10% through increased leak detection, water harvesting, using meters for raising awareness and water saving devices to reduce consumption</li> <li>Place sustainability at the heart of the Student Council agenda (including leading on initiatives throughout the student community)</li> <li>Reduce paper and printing consumption (migrate to electronic forms and resources)</li> <li>Publish SECR data</li> </ul>	<p>1. Climate Education</p> <ul style="list-style-type: none"> <li>Staff induction Sustainability module for 'new staff' - developed and delivered</li> <li>Sustainability CPD for all staff (building on 'new staff' induction model)</li> <li>Curriculum area sustainability working group established</li> <li>Student Social action projects embedded into weekly duties activities</li> <li>Study+ offer incorporates sustainability awareness and initiatives</li> <li>Embed a review of sustainability considerations within lesson delivery as part of the TALO process</li> </ul> <p>2. Green Skills</p> <ul style="list-style-type: none"> <li>Installation of electric vehicle demonstration and teaching technologies (Andover)</li> <li>Installation of robotic milking parlour and Agri-Technology to enable research into livestock methane emissions</li> </ul> <p>3. Education Estate and Digital Infrastructure</p> <ul style="list-style-type: none"> <li>Increase rainwater harvesting on campus (planned new builds)</li> <li>Reduce water consumption via leak identification</li> <li>Investigate installation of air source heat pump on main admin building and main teaching block</li> <li>Investigate biomass heating at AHWRC</li> <li>Enhance use of solar energy by incorporating battery storage into existing system</li> <li>Extend solar energy harvesting by installing more panels on new buildings</li> <li>Improved boiler controls to reduce LPG and oil consumption</li> <li>Installation of 10 new ponds on SCH campus to promote further insect, amphibian, and bird life</li> <li>Further tree and shrubbery planting as part of Winter Garden phase 2</li> </ul> <p>4. Operations and Supply Chains</p> <ul style="list-style-type: none"> <li>Transition to 'green fleet' of college vehicles</li> <li>Installation of EV charging points</li> </ul> <p>5. International</p> <ul style="list-style-type: none"> <li>Sparsholt Futures event to showcase green technologies to school children</li> </ul>	<ul style="list-style-type: none"> <li>Reduce our carbon emissions</li> <li>Reduce our water consumption</li> <li>Environmental awareness training for all staff and students</li> <li>Embedding of the sustainability agenda into the college curriculum</li> <li>Ensure college vehicle fleet is electric powered</li> <li>Implement the Carbon Reduction Plan</li> <li>Develop range of courses which support advancement of the Green Agenda</li> <li>Review trees species and condition on Sparsholt and Andover campus regarding Ash die back and evaluate a replacement programme where needed to diversify and safeguard tree stock.</li> <li>Review the ELMs scheme regarding farm diversification and opportunities to expand tree cover and habitat</li> </ul>	<ul style="list-style-type: none"> <li>Reach net zero carbon emissions for scope 1 and 2</li> <li>Undertake significant work to understand and reduce scope 3 emissions by 2030, and develop an action plan to achieve carbon neutrality by 2040</li> </ul>