

Sparsholt College Group Sustainability Strategy								
[2021-2023]			[2023-2030]					
Achieved			Planned					
<div>1. Climate Education</div> <div><ul style="list-style-type: none">Staff induction Sustainability module for ‘new staff’- developed and deliveredSustainability CPD for all staff (building on ‘new staff’ induction model)Curriculum area sustainability working group establishedIntegration of the sustainability agenda within the tutorial programme to raise awareness and understanding.Engage learners in meaningful social action projects which focus on the green agenda and connects learners to wider societal responsibilities.Student Social action projects embedded into weekly duties activitiesCurriculum engagement in local biodiversity projectsPlace sustainability at the heart of the Student Council agenda (including leading on initiatives throughout the student community)Study+ offer incorporates sustainability awareness and initiativesEmbedded a review of sustainability considerations within lesson delivery as part of the TALO process</div> <div>2. Green Skills</div> <div><ul style="list-style-type: none">Delivery of a comprehensive land-based curriculum offer which prepares learners for career paths that support the transition to net zero, restoration of biodiversity and a sustainable futureInstallation of electric vehicle demonstration and teaching technologies (Andover)Installation of robotic milking parlour and Agri-Technology to enable research into livestock methane emissions</div>	<div>3. Education Estate and Digital Infrastructure</div> <div><ul style="list-style-type: none">New property strategy developed which embeds climate change considerations within capital investment decision makingReduced Scope 2 (energy indirect) emissions by c.28% from the base year 2017/18 through energy efficiency initiatives and raising awareness.Reduced water emissions by further 10% through increased leak detection, water harvesting, using meters for raising awareness and water saving devices to reduce consumptionNew buildings are built to BREEAM standards with excellent as the targetInvestigated and costed installation of air source heat pump on main admin building and main teaching block. Recommendation for thermal insulation vs ASHPAll boilers replaced with grade A boilers at AndoverPlanning consent to install a green digester at Sparsholt campus.500 KW of Photovoltaics installed providing c20% of our electrical supplyMonitoring systems installed on water consumption (leak detection)Carbon Reduction Plan (CRP) produced with priority actions identifiedLED lighting installed on both the Sparsholt and Andover campusBuilding management system (BMS) installed on small number of SCH buildings and all new buildsInstallation of 10 new ponds on SCH campus to promote further insect, amphibian, and bird lifeWell established diverse habitats including an area of wetland, 1 hectare lake, 2 hectares of Ancient Semi-Natural Woodland managed for conservation and diversityMultiplicity of ornamental tree and shrub variety and garden plants on the campusesOn-site College apiary re-established</div>	<div>4. Operations and Supply Chains</div> <div><ul style="list-style-type: none">SECR data published annuallyReport and manage climate change impact in Strategic Risk Management PlanE-tendering system for procurementAll electric supply is greenAll mains gas supply is from green energy supplierTransition to ‘green fleet’ of college vehiclesInstallation of EV charging pointsZero land fill waste contractorAll contractors must have green incentives or quality assurancesMove to Meadow foods for milk sales and accredited to sustainable milk production programme.Re-accredited to Red Tractor sustainable farmingCatering switch to veg-based packaging.Reduction in paper and printing consumption (migrate to electronic forms and resources)Car share policy for staff</div> <div>5. International</div> <div><ul style="list-style-type: none">Annual Sparsholt Futures event showcasing green technologies to school children</div>	<div>[2023-2024]</div> <div>1. Climate Education</div> <div><ul style="list-style-type: none">17 Sustainable Development Goal themes mapped to CTP and embedded into curriculum delivery for 2023/24Curriculum areas to identify sustainability objectives within CoSSAR and review as part of IQR processFurther integration of sustainability in learners' social action projects across the local community.Development of comprehensive college duties lessons that support the management of the countryside stewardship application.Complete the development of the Equine Centre Carbon calculator project and implement at Sparsholt College.Achieve full representation at curriculum sustainability termly meetings from both campuses and establish internal sustainability targets for learners.</div> <div>2. Green Skills</div> <div><ul style="list-style-type: none">New online learning curriculum offer that promotes sustainability and the low carbon sectorCurriculum offer delivered in Electric vehicle technologyCurriculum offer delivered in Heat Pump systemsCurriculum offer delivered in Solar PV SystemsDevelopment and delivery of Higher Education short course offer</div> <div>3. Education Estate and Digital Infrastructure</div> <div><ul style="list-style-type: none">Increase rainwater harvesting on campus (planned new builds)All remaining boilers replaced with grade A boilers at SparsholtInstallation of robotic dairy to improve health in cattle and research feed additives to reduce methane emissionsEnhance use of solar energy by incorporating battery storage into existing systemExtend solar energy harvesting by installing more panels on new buildingsImproved boiler controls at Sparsholt to reduce LPG and oil consumptionReplacement of Floodlighting to LEDExplore Wind Turbine energy generation in partnership with College’s energy advisorExplore potential for carbon neutral residential additional dwellingsParticipation in Countryside Stewardship focusing on improving the biodiversity of the farm estate</div>	<div>4. Operations and Supply Chains</div> <div><ul style="list-style-type: none">LGPS Pension investments –Ensure environmental/ethical investment strategyIntroduce further electric/hybrid vehicle into college fleetEnsure tenders have sustainability scoring criteriaCarbon sequestration (carbon credit) – use of estate planting strategy</div> <div>5. International</div> <div><ul style="list-style-type: none">International trips and study tours to incorporate a sustainability learning objective and to propose Carbon Offsetting opportunitiesGifted & Talented Sustainability Project for Andover schoolsCreation of Sustainability Pyramid with Winchester primary and secondary schoolsHost sustainability ‘Dragon’s Den’ event bringing together ideas to promote sustainable projectsHost event for careers advisors with sustainability theme</div>				
			<div>[2024-2029]</div> <div><ul style="list-style-type: none">Fully embed the sustainability agenda into the college curriculum and core business activitiesDevelop full suite of courses which support advancement of the transition to net zero and restoration of biodiversityReduce carbon emissionsReduce water consumptionEnsure full college vehicle fleet is electric-poweredFully implement the Carbon Reduction PlanReview trees species and condition on Sparsholt and Andover campus to evaluate a replacement programme where needed to diversify and safeguard tree stock</div>				<div>[2030]</div> <div><ul style="list-style-type: none">Reach net zero carbon emissions for scope 1 and 2Undertake significant work to understand and reduce scope 3 emissions by 2030, and develop an action plan to achieve carbon neutrality by 2040</div>	