

## Objective 1: Decarbonisation

**Aim: To reduce carbon emissions by 50%, educate pupils and staff and embed positive culture and understanding of the impact of our actions by 2050 and develop a circular economy.**

<b>Objective 1.1</b>	<b>Install Energy Monitoring System</b>			
	<b>Action</b>	<b>Responsibility</b>	<b>Year</b>	<b>Linked to Trust Strategy Plan</b>
<b>1</b>	Continue to work with Eco Driver to install energy monitoring system or access current AMRs to record half hourly data for gas, electricity and water consumption.	AC	1	<b>4 Finance and Operations</b> Aim 6, All schools carbon and water neutral  <b>3 Workforce Resilience and Wellbeing</b> Aim 4, Train and retain Leaders who are committed to their own and others' continual development
<b>2</b>	Work with Eco Driver to analyse data and identify areas for improvement e.g. any heating that is left of over at the weekend.	AC, Site Teams	1	
<b>3</b>	Implement quick win resolutions identified immediately e.g. ensure all heating is off when building not in use.	Site teams	1	
<b>4</b>	Train Headteachers, SLT and staff to use Eco Driver.	AC	1	
<b>5</b>	Review technology available in schools to share data i.e. television screens/ smart boards.	SBM	1	
<b>6</b>	Monitor on a weekly basis.	Sustainability committee, Students	1-3	

1.2 Commission Heat Decarbonisation Plans				
	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Engage consultancy to design Heat Decarbonisation Plans for all sites subject to receipt of Public Sector Low Carbon Skills Funding (LCSF).	AC	2	<b>4 Finance and Operations</b> Aim 6, Premises and facilities opportunities maximised on all sites: - Inspirational learning environments throughout all our schools. - All schools carbon and water neutral.
2	Identify eligible sites and conduct energy audit and feasibility assessments for heat decarbonisation options within a practical time frame subject to Public Sector Decarbonisation Scheme Funding (PSDS).	AC/ Consultancy	2	
3	To complete Keep Britain Tidy and Eco Schools Carbon Footprint calculator tool to assist with analysing data (includes SECR, transport, waste and procurement). <a href="https://calculator.countyourcarbon.org/school/calculator/intro/">https://calculator.countyourcarbon.org/school/calculator/intro/</a>	Sustainability Committee	1-3	
Retrofit and upgrade Campus				
	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Use Energy Audit to identify areas of improvement and use monitoring system to analyse the impact once implemented.	GH, AC	3	<b>4 Finance and Operations</b> Aim 6, Premises and facilities opportunities maximised on all sites: - Inspirational learning environments throughout all our schools. - All schools carbon and water neutral.
2	Replace traditional boilers with low carbon options subject to feasibility assessment and PSDS funding.	GH, WH	3-5	
3	Replace all lighting with LED lights by 2030 – Use part of annual capital funding (75% by Yr1).	SBM	1-3	
4	Install solar panels on all school roofs. Continue to work with Surrey and West Sussex County Councils to support new solar pilot schemes. Holmesdale Community Infant School and Dovers Green to be part of the first wave.	AC, WH	1,2	

1.4	Launch behavioural change programs			
	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Develop and launch awareness campaigns e.g. turn off lights, shut doors and windows.	Sustainability committee	1	<p><b>1 High Quality, Inclusive Education</b></p> <p><b>Aim 2</b>, All children make a positive contribution towards school, society and the environment, all children participate in activities beyond the formal curriculum.</p> <p><b>4 Finance and Operations</b></p> <p><b>Aim 6</b>, - Technology fully utilised for efficiency and educational purposes.</p> <ul style="list-style-type: none"> <li>- All schools carbon and water neutral.</li> </ul> <p><b>5 Governance &amp; Leadership</b></p> <p><b>Aim 5</b>, Culture and climate of transparency and respectful communication throughout the Trust, Pupils, staff, governors and parents/carers feel a sense of belonging to Greensand.</p>
2	Use energy monitoring system to measure and share data.	Sustainability committee	1	
3	Set up energy saving competitions within school or across the Trust.	Sustainability committee	2	

1.5 Promote low transport emissions				
	Action	Responsibility	Year	Linked to Trust Strategy Plan
	Encourage walk/cycle school e.g. Sustrans, Cycle to School, Living Streets.	Sustainability Committee	1	<p><b>1 High Quality, Inclusive Education</b></p> <p><b>Aim 2,</b> All children have the knowledge, strategies and resilience to support a healthy mind and body.</p> <p>All children make a positive contribution towards school, society and the environment, all children participate in activities beyond the formal curriculum.</p> <p><b>4 Finance and Operations</b></p> <p><b>Aim 6,</b></p> <ul style="list-style-type: none"> <li>- Income generation opportunities maximised All schools carbon and water neutral.</li> </ul>
	Calculate level of emissions produced by different modes of transport	Sustainability Committee	1	3
	Install Electric vehicle chargers in school carparks subject to Government funding from the Office for Zero Emissions Vehicles (OZEV) & Local Electric Vehicle Infrastructure (LEVI) Fund and Workplace Charge Scheme	AC, SBMs	2	2/3
	Replace school transport with electric alternatives.	SBM	End of contract	1
1.6 Produce list of green suppliers				

	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Research and define criteria to assess suppliers on commitment to reducing their carbon emissions, energy efficiency, waste management and compliance with environmental regulations e.g. for office machinery look for Energy Star label, for kitchen equipment look for A-G energy rating.	AC	1	<b>4 Finance and Operations Aim 6,</b> - All schools carbon and water neutral.  - Joint procurement opportunities maximised.
2	Research system to measure environmental impact of products offered including manufacturing, distribution, use and disposal.	AC	1	3
3	Research system to evaluate durability, reparability, and recyclability of products to maximise lifespan and reduce waste.	AC	1	3
4	Compile a comprehensive list of preferred green suppliers once research completed.	AC	2	3

1.7 Increase Trust Wide procurement solutions				
	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Increase Trust wide procurement for supplies e.g. paper, stationery, IT, waste, energy to buy in bulk to reduce carbon footprint and create cost savings by increased purchase power.	AC	1	<b>4 Finance and Operations Aim 6,</b> - All schools carbon and water neutral.  - Joint procurement opportunities maximised.
2	Include sustainability criteria to procurement tender process. Update tender policy	AC	1	3
3	Collaborate with Local Authority, other schools and established sustainability bodies such as UKSSN to recommend suppliers.	AC	1	3
4	Research and develop assessment and targets of scope 3 carbon footprint.	AC	2	3

1.8 Improve waste management including trade refuse, food, technology				
	Action	Responsibility	Year	Linked to Trust Strategy Plan
1	Research recycling options for all schools at Trust level and arrange food and mixed recycling collections for any sites not yet providing these options. e.g. <a href="#">ReFood Home</a>   <a href="#">The UK's No. 1 food waste recycler</a>   <a href="#">Waste for good</a> Reduce trade refuse collections.	AC, SBMS	1	
2	Develop effective waste segregation by ensuring all schools have clearly labelled recycling bins.	AC, SBMS, Sustainability Committee, Students	1	
3	Ban single use plastic – Look at Plastic Free Schools campaign (Surfers Against Sewage).	Caterers, Sustainability committee	1	
4	Research composting programs for food waste and implement where feasible.	Sustainability committee	2	
5	Co-ordinate termly/ annual technology recycling across whole Trust.	AC, SBMS	2	
6	Reduce land fill by setting up a sharing platform within Trust before throwing out unwanted items or donate to recycling organisations such as <a href="#">WeCollect</a> .	AC	2	
7	Brainstorm how to educate and engage students, staff, cleaners and caterers on the importance of recycling understand the issues or contaminated recycling collections.	Sustainability Committee, Eco Clubs	1	

1.9	Improve digital structure			
	Actions	Responsibility	Year	Linked to Trust Strategy Plan
1	Research and contract an IT consultancy to manage and improve digital structure for whole Trust to reduce paper, improve remote working and improve communication.	WH, AC	1	<b>4 Finance and Operations Aim 6,</b> -Technology fully utilised for efficiency and educational purposes.  - All schools carbon and water neutral.  - Joint procurement opportunities maximised.
2	Move to cloud-based solutions and reduce carbon emissions by removing servers (ensuring DFE security compliance and back up).	WH, AC	1	
3	Ensure hardware and devices are appropriate, durable, energy efficient and can be recycled. Include recycled refurbished technology in procurement process.	AC, SBMS	Ongoing	



1.10	Review Catering Solutions			
	Actions	Responsibility	Year	Linked to Trust Strategy Plan
1	Work with caterers to reduce food waste by reviewing menus. Weigh food daily and record. Look at using <a href="#">Cool Food Pro</a> calculator to set targets and follow progress. Work together to reduce waste.	AC, Sustainability Committee, caterers, Students	1	<b>4 Finance and Operations Aim 6,</b>  Premises and facilities opportunities maximised on all sites.  - All schools carbon and water neutral.  - Joint procurement opportunities maximised.
2	Introduce more plant-based food options. Explore getting free advice and training from organisations like <a href="#">ProVeg School plates</a> programme who promote healthier, more sustainable and cost-effective menus. Research Carbon labelling menu e.g. Food Steps Program.	AC, Sustainability Committee, caterers, Students	1	
3	Work with caterers to prioritise use of local produce and sustainably sourced materials. Streamline suppliers to cover all catering aspects e.g. supply food and cleaning products.	AC, caterers	2	
4	Work with caterers to replace single use plastic including cling film with replace with reusable alternatives.	AC, Caterers, Students, Sustainability Committee	1	
5	Research and join programmes to give any leftover food to community projects.	AC, Caterers, Students, Sustainability Committee	2	