


Environmental Sustainability Action Plan (Area 2 – Building Energy Efficiency)

Areas	Immediate Objectives and Long-term Ambition	Resources Required & KPIs
<p>2. Building Energy Efficiency</p> 	<p>Context: The energy used across our academies accounts for 99% of our 2021-2022 carbon footprint. Only 24% of our 21 qualifying buildings currently achieve Display Energy Certificate (DEC) scores of C and above, which implies that there are opportunities to improve the energy performances of our buildings and energy saving behaviours across all buildings. Appendix 2 details some of the energy efficiency projects and initiatives that were recently completed and commissioned across the estate.</p> <p>Our Immediate Objectives / Actions: We will actively identify and implement initiatives that would improve our DEC scores.</p> <ul style="list-style-type: none"> • We will promote good energy practices across all our academies. • To reduce the energy used across our academies by 30% by July 2026 against our 2021-2022 baseline, which is likely to require further investment. • To review heating controls and install smart controls where required. • To establish the cost of recommended energy efficiency retro fit projects and include in estate management plan. <p>Long-term Ambition:</p> <ul style="list-style-type: none"> • To move to green electricity tariff. • To decarbonise all heating by 2040 • To generate on site renewable energy on all feasible sites by 2040 • To install LED lighting in all buildings by 2030 	<p>Resources Required:</p> <ul style="list-style-type: none"> • Surveys and cost benefit analysis are required to ascertain the investment needed to implement energy efficiency measures across our academies • Building energy efficiency budget line to be included in all major refurbishment projects • Building energy efficiency budget line to be included in annual estates maintenance capital funds <p>KPIs:</p> <ul style="list-style-type: none"> • Annual percentage reduction in kWh of electricity used across our estate • Annual percentage reduction in kWh of gas used across our estate • Annual average percentage improvement in the DEC scores of qualifying buildings across our estate • Annual percentage increase in renewable energy generated across our estate • Annual proportion of green electricity tariff we use increased