Appendix: Baseline Data

Objective 1: Decarbonisation

Energy Base Line Data
Streamlined Energy & Carbon Reporting (SECR) Briar Consulting Engineers Ltd & Display Energy Certificate's (DEC) 2022-2023

Energy & emissions by site/asset name	Sum of kWh	Sum of tCO$_2$e	DEC Rating	LED
Reigate School	1,333,225	253.6	C	30%
Wray Common Primary School	739,576	138.3	F	85%
Milton Mount Primary School	397,180	75.6	C	50%
Holmesdale Community Infant School	396,532	74.0	F	100%
Dovers Green Infant	247,365	48.1	E	98%
St Johns Primary School	202,805	38.5	D	95%
Trust Owned Vehicles	7,842	2.0		
Employee Owned Vehicles	5,006	1.2		
Grand Total	**3,329,531**	**631.4**		

Mandatory Emissions	Number of Units	tCO$_2$e/yr
Per pupil	3,072	0.206
Per square meter	19,334	0.033

Waste Baseline Data

Trust Waste 2024		Monthly Lift Estimates			
School	Supplier	Mixed Recycling	Paper& Card	Food	Trade Waste
Reigate School	Biffa	8 x 1100L	inc. in mixed	12 x 240L	8 x 8.CU MFEL
Milton Mount Primary School	The Recycling Partnership	6 x 1100L	inc. in mixed	6 x 240L	9 x 1100L
Wray Common Primary School	R&B		12 x 1100L		16 x 1100L
Holmesdale Community Infant School	Veolia	4 x 1100L	inc. in mixed	4 x 240L	12 x 1100L
	R&B		9 x 1100L		
Dovers Green Infant	R&B		9 x 1100L		15 x 1100L
St Johns Primary School	R&B	5 x 240L			8 x 1100
					12 x 240

Scope to be used when measuring baselines for carbon footprint

Energy, Waste & Water	Fuel use in buildings	1
	Electricity use in buildings	2
	Waste	3
	Water	3
Transport	School Vehicles	1
	School Trips	3
	Student Commuting	3
	Staff Commuting	3
Food	Food	3
Purchasing	Procurement	3
	Uniform	3

1. Decarbonisation

Aim: To reduce carbon emissions by 50% and develop greener procurement solutions and develop a circular economy

Objectives:

- Install Energy Monitoring System
- Commission Heat Decarbonisation Plans for all schools
- Retrofit and upgrade buildings
- Launch behavioural change programs
- Promote low carbon transport
- Produce list of green suppliers
- Increase Trust wide procurement solutions
- Improve waste management including trade refuse, water, food, technology
- Improve digital infrastructure
- Review catering solutions.