

Organisational Emissions

KEY	On track
	Behind schedule
	Not deliverable within current timescale
	New projects

No	Site/Contractor	Actions	Action No	Target date	Indic. Cost	Current GHG data in t CO2e	Carbon impact	Lead Officer	Challenges, constraints and barriers to completion by 2030	Progress with RAG rating
1	Waste Contract - Biffa and Bourne Depot	Working with Biffa, review the HVO pilot with the view of continuing until alternative sustainable transport options are viable	New Action	2024 - 2030	Not budgeted for	1274	Aim is to reduce emissions by 90%	Daniel Pamphlett	Challenge - Financial. Challenge - There are a number of variables on this project which will need to be worked through and this needs to be worked around the break in the Biffa contract. Constraint - Availability of low carbon vehicles which can cover the whole borough within the time frame. Barrier - if electrification of the fleet is required the current site can not accommodate the infrastructure required. A new or second depot would then be required. There is a known grid constraint which may affect plans. Ofgem are due to upgrade the grid in 2035. Challenge - Current EV waste vehicles have a range of between 60-70 miles this may mean that there would be a requirement for satellite depots to ensure vehicles could serve	Current ongoing discussion Biffa to define success of pilot scheme and potential risks/rewards of extending/widening scheme.
		Carry out options appraisal to identify the few options for the Bourne Depot to include decarbonisation of the current site or relocation of the depot to one or more sites to facilitate the transition of the fleet to low carbon vehicles	New Action	Dec-25	£M - PSDS fund not available for the Bourne Depot		Aim to reduce emissions to near net zero	Mark Allen		New Action
		Working with Biffa, start a rolling programme to transition the Biffa Fleet to low carbon vehicles as and when suitable infrastructure becomes available	New Action	2024-2030	Capital cost approximately double for electric Refuse/Recycling Collection vehicles. Approx £450Kper vehicle.		Aim is to reduce to zero	Daniel Pamphlett		New Action
		Installation of the infrastructure (eg EV chargers) suitable to charge low carbon new fleet	New Action	2024-2030	£600K- £700K - Not budgeted for		New Emissions - as yet not determined	Delma Bryant		New Action - Figures based on 15 x 22kw chargers. Figures depending on DNO connection costs and requirement for substation upgrade. Known grid constraint in the area might affect this action
		Offsetting eg Waverleys garden waste is taken for Anaerobic Digestion at SCC's Eco-park. The captured methane gas produced could be off-set against a gas powered collection fleet.	New Action	2024-2030	Capital cost for gas powered Refuse/Recycling Collection vehicles similar to diesel ICE.		Total reduction based on known reductions 0tCO2e requiring offset of 1274 tCO2e			
2	Haslemere Leisure Centre	Extension of the Solar PV cover on Haslemere Leisure Centre	E6	Jan-24	£124K - Grant funded	468	reduce by 22.08 tCO2e	Delma Bryant	Challenge - Financial. Not currently eligible for Public Sector Decarbonisations fund (PSDS)	Currently being installed
		Replace Air Handling Unit motors with energy efficient ones	O29	Dec-24	£35K - Grant funded		L	Nick Laker		Bidding for funding
		Installation of teaching pool cover at Haslemere Leisure Centre to reduce evaporation and heat loss from the pool	O47	Dec-24	£30K - Grant funded		L	Tamsin McLeod		Bidding for funding
		Replace remaining current lighting for more energy efficient LED lighting	O49	Dec-24	£30K - Grant funded		L	Nick Laker		Bidding for funding for Haslemere and Godalming
		Carry out an energy audit at Haslemere Leisure Centre to identify options to reduce emissions to near zero	New Action	Apr-24	£7K		0	Delma Bryant		Energy Audit to be carried out for Haslemere and Godalming by Leisure Energy
		Offsetting	New Action	2024-2030			Total reduction based on known reductions 22 tCO2e requiring offset of 446 tCO2e			Challenge - Land/assets would be required to offset the emission required
3	Cranleigh Leisure Centre	Building of a new Passivhaus certified leisure centre in Cranleigh	O45	Dec-26	£31M - Council approved budget	323	To be determined. Passivhaus can reduce emissions by 50-60%	Tamsin McLeod		In Design Stage
		Offsetting	New Action				Total reduction estimated based on 60% is 194 tCO2e requiring offset of 129 tCO2e		Challenge - Land/assets would be required to offset the emission required	New project
4	Farnham Leisure Centre	Replacement of the current boilers with Air Source Heat Pumps	O11	Apr-26	£1.7 m - Grant funded	283	reduce by 186.7 tCO2e	Delma Bryant		Bidding for funding
		Replacement of part of the roof and installation of solar PV		Apr-25	Roof £300K - internally funded, Solar PV £127K - grant funded		reduce by 56 tCO2e	Nick Laker and Delma Bryant		Bidding for funding
		Insulate Heat Plate Exchangers		Apr-26	£750 - not budgeted for		reduce by 2.4 tCO2e	Nick Laker		New project
		Retrofit ADU to improve performance		Apr-26	£50K - not budgeted for		reduce by 27.8 tCO2e	Nick Laker		New project
		New control panel to be added to pump to improve performance		Apr-26	£35K - not budgeted for		reduce by 5.9 tCO2e	Nick Laker		New project
		Offsetting	New Action				Total reduction estimated 278.8 tCO2e requiring offset of 4.2 tCO2e		Challenge - Land/assets would be required to offset the emission required	New project
5	Bursys - Council Offices	Investigate options for the redevelopment of the Bursys as part of the Central Godalming regeneration project and the Guildford/Waverley co-location project. Carbon neutral design options to be considered.	O20	Dec-25	££ - PSDS Fund could be available to replace the boilers if retrofitting property. Not available for rebuild	214		Debbie Smith	Potential challenge - limited time to complete all of the stages required to decarbonisation in 6 years. Challenge - Currently no project manager for this project	Options appraisal completed. New proposals are being scoped which will incorporate the same objective.
		Offsetting	New Action	2024-2030			Total reduction estimated 0tCO2e requiring offset of 214 tCO2e		Challenge - Finding sufficient land/assets to offset the emission required	
6	Farncombe & Godalming Leisure Centre	Investigate viability and finance options of rooftop solar PV, with approximate capacity 300kwp, on leisure centres. Prepare business case including financing options for approval and installation	E6	Jan-24	£123K - in budget	193	reduce by 19.31 tCO2e	Delma Bryant		Currently being installed
		Replace Air Handling Unit motors with energy efficient ones	O29	Dec-24	£35K		L	Nick Laker		Bidding for funding
		Replace remaining current lighting for more energy efficient LED lighting	O24	Dec-24	£30K - Grant funded		L	Nick Laker		Bidding for funding
		Carry out an energy audit at Godalming Leisure Centre to identify options to reduce emissions to near zero	New Action	Apr-24	7K		0	Delma Bryant		Energy Audit to be carried out for Haslemere and Godalming
		Carry out measures identified in the energy audit	New Action	Jul-05	Unknown and not budgeted for			Delma Bryant	Challenge - Financial. Biomass boiler currently does not work. This is not eligible for funding under the PSDS and would need to be funded by the council	
Offsetting	New Action	2024-2030			Total reduction based on known reductions 19 tCO2e requiring offset of 174 tCO2e		Challenge - Finding sufficient land/assets to offset the emission required	Godalming LC currently has Solar PV on the roof of the leisure centre. This is being extended Action E6. Further offsetting will be required		
7	Ian Williams - Housing Contractor	Work with Housing contractors to modifying response times or batching of work in areas on specific days to reduce travel costs. Especially important for trades that only have one or two operatives.	O14	Dec-24	£	128	M	Hugh Wagstaff	Challenge - dependent on contractor compliance	Workshop to be arranged for September 2023 with main Housing Contractor to discuss more responsive planned works with geographical grouping and first-time fixes. Will also discuss transition to EV's.
		Develop a plan with contractor to reduce emissions by converting their fleet to 100% zero emissions	New Action	2024-2030				Hugh Wagstaff		
8	Continental - Green Spaces Contractor	Review the carbon implications of the grounds maintenance contract, from vehicles and equipment, at the next contract evaluation point in 2024.	O19	Dec-24	Capital for EV charging point infrastructure or additional revenue for HVO fuel cost	73.53 Continental report their existing emissions as 114tCO2e	Whilst emissions for vehicles will reduce we may need to report on emissions from the property dependent on the contract agreed. Any EV chargers installed might increase the overall emissions. Contractor has tabled three options reducing existing emissions of 114tCO2e to 81, 46 and 6	Matt Lank		Next contract evaluation 2024.
9	Other Contractors (NSL & S&B)	Develop a plan with contractor to reduce emissions by converting our fleet to 100% zero emissions.	New Action	2024-2030		46	Mark Davis and Hugh Wagstaff		Challenge - dependent on contractor compliance	To form part of the contract negotiations
	Total					2928			Challenge - The top 10 priority projects account for 93% of our emissions. Further decarbonisation will be required however most of our smaller properties are not suitable for decarbonisation and therefore further offsetting will be required	93% of Organisational Emissions