

Carbon Projects (Discovery)

Key:**Project Stage**

- In discovery (research, fact finding, gather evidence)
- In design (develop techniques/plan for delivery)
- In delivery (executing plan agreed at design)
- Completed (work has been finished)

Carbon Saving: L = <1%, M = 1-3%, H = >3% of the council's greenhouse gas emissions

Cost: L = <£100k, M= £100k-£250k, H = £250k+

Financial Saving/Income: L = <£50k pa, M = £50k-£200k pa, H = £200k+ pa

Action ID	Project Description	Carbon Saving Potential	Cost	Financial Saving/Income	Priority	December 2023 Update
Workstream: Estates						
DIS1.2	Deliver the Decarbonisation of Buildings Plan (DBP) to: decarbonise heating in council operated buildings (e.g. heat pumps)	H	H	L	H	Awaiting the development of the DBP, expected commencement 2024-25.
DIS1.3	Deliver the DBP to: Improve the energy efficiency of all council operated buildings (e.g. wall insulation)	H	H	M	H	Awaiting the development of the DBP, expected commencement 2024-25.
DIS1.5	Upgrade external lighting to LED in council car parks and on the outside of buildings	L	M	L	L	Potential pipeline project.
DIS1.6	Deliver the DBP to: Upgrade and improve efficiency of air conditioning in council operated buildings	L	M	L	L	Awaiting the development of the DBP, expected commencement 2024-25.
DIS1.7	Investigate opportunities to maximise rooftop solar power generation	L	M	H	H	Ongoing process.
Workstream: Fleet						
DIS2.1	Deliver the Fleet EV Transition Plan: transition all appropriate small and light vehicles to electric.	H	H	H	H	Awaiting the development of the EV Fleet Transition Plan, expected commencement 2024-25.
DIS2.2	Investigate centralised fuel management and subsequent benefits for implementing other projects	L	M	M	M	Potential pipeline project.
DIS2.3	Alternative fuel switch for heavy commercial vehicles	M	H	L	M	Potential pipeline project.
Workstream: Business Travel						
DIS4.1	Implement a travel hierarchy to decarbonise business mileage, to include smarter working, active travel, EV pool cars, car share, EV lease car	H	M	H	H	Awaiting the development of the Decarbonisation of Business Mileage Plan.
Workstream: Carbon Removal						
DIS5.1	Prepare opportunities for local carbon sequestration on the council's estate, inseting within the council's value chain and other carbon removal practices and techniques.	M	H	L	L	Potential pipeline project to help address residual carbon emissions.

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