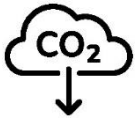


Climate Change Strategy 2023 – 2030: Year 2 Delivery Plan 2024/25

Our strategic aims	<ul style="list-style-type: none"> • To decarbonise the council's operations to become carbon neutral by 2030 • To work towards decarbonising the wider borough by 2050.
Our strategic themes	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Buildings and Energy Use (BE)</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Travel (T)</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Green Space, Land Use, Offsetting and Waste (GLOW)</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Communications, Engagement and Training (CET)</p> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <p>Data, Monitoring, and Corporate Activity (DM)</p> </div> <div style="display: flex; align-items: center;"> <p>Council Influence and Partnership Activity (IP)</p> </div>



Estimated carbon savings have been rated Low/Medium/High in relation to Chesterfield Borough Council activity and wider borough activity.

Priority 1 – Decarbonise the Council's commercial and operational assets		
Aspirations and commitments for 2024/25	Continue to take steps to decarbonise the Council's commercial and operational assets, by assessing maintenance requirements with a focus on energy efficiency, decarbonisation and renewable energy generation. This will be implemented through conducting stock condition surveys, delivering maintenance plans, and applying for external funding sources to support decarbonisation activity.	 Carbon savings: CBC - High
Key activities for 2024/25	(1) Asset decarbonisation skills and capacity As part of the Property and Technical Services reshape, develop / acquire asset decarbonisation specialist skills and expertise to lead on future building decarbonisation (April – August)	

(2) Assessing the condition of our operational buildings and considering business cases for decarbonisation and renewable energy generation.

(2a) During 2024/25, complete stock condition and decarbonisation surveys on the following operational assets (in priority order):

- Dunston Innovation Centre
- Tapton Innovation Centre
- Chesterfield Town Hall
- Queens Park Sports Centre
- Stonegravels Depot

(2b) Develop a business case to present to Cabinet to consider options for decarbonising the Healthy Living Centre following the stock decarbonisation survey completed in 23/24 and taking into consideration the external funding secured for the CHP system upgrade. (July – Sept)

(2c) Develop a business case to present to Cabinet to consider options for decarbonising Dunston Innovation Centre with a view to commencing activity during 2024/25. (Sept onwards)

(2d) Develop a business case to present to Cabinet to consider options for decarbonising Tapton Innovation Centre with a view to commencing activity during 2024/25. (Sept onwards)

(2e) Develop a business case to present to Cabinet to consider options for decarbonising the Town Hall with a view to commencing activity during 2025/26. (Sept onwards)

(2f) Develop a business case to present to Cabinet to consider options for decarbonising Queen’s Park Sports Centre with a view to commencing activity during 2025/26. (Sept onwards)

(2g) Develop options for depot provision during 2025/26 (Sept onwards)

(3) Renewable energy development



(3a) Use the scoping study commissioned in 23/24 and additional research, to assess solar potential on Queen’s Park Sports Centre car park and the Enterprise Centre Council car parks by developing costed options.

(3b) Continue to assess renewable energy generation potential on CBC sites, including where land is considered for disposal, and develop business cases for deployment.



(4) External funding sources



(4a) Develop a business case to present to Cabinet to consider options for decarbonising the Healthy Living Centre following the stock decarbonisation survey completed in 23/24 and taking into consideration the external funding secured through the Swimming Pool Support Fund to replace the CHP system (£275,000). (July – Sept)

	(4b) Develop business cases for improving our buildings and apply for appropriate grants (eg. Public Sector Decarbonisation Scheme, Low Carbon Skills Fund.)
	(5) New build decarbonisation target A commitment to BREEAM excellent in new development, and BREEAM very good in retrofit (or equivalent standard)
Key measures for 2024/25	<ul style="list-style-type: none"> • Completion of six decarbonisation surveys 2024/25 • Subsequent costed options appraisals / bids submitted.
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Asset Management Strategy • Asset Management Delivery Plan • Stock condition surveys from 23/24 • Feasibility studies from 23/24 • Quarterly data monitoring - gas, electricity, water, wastewater, road fuels • Derby and Derbyshire Strategic Partnership Climate Change group activity



Priority 2 – Decarbonise and adapt housing in the borough for climate change		
Aspirations and commitments for 2024/25	Invest £30m in our housing capital programme, including a range of activities to decarbonise and improve the energy efficiency of our Council homes, and distribute grant funding for homeowners and landlords.	 Carbon savings: CBC and Borough - High
Key activities for 2024/25	(1) Decarbonisation of new council homes (24/25) All new homes built or acquired by the Council from 2024 to be designed to achieve EPC band A	
	(2) Invest in existing council homes to improve energy efficiency ratings, as part of the 2024/25 Housing Capital Programme Deliver improvements to council homes including improvements to energy efficiency, thermal performance, and low-carbon heat sources as part of our £30m capital programme.	
	(3) Council housing decarbonisation plan Develop a medium-term plan for decarbonising heating in our council homes	
	(4) Deliver the initial phase of the shared domestic heating decarbonisation programme for Council Homes (24/25) (4a) Commence decarbonisation of Brocklehurst Court, following the recommendations of the shared domestic heating feasibility study completed during 2023/24. (4b) Develop plans to decarbonise the remaining five sites within the Council's homes that have a shared heat source serving multiple properties or communal areas. (4c) Transfer the learning from shared domestic heating decarbonisation activity and utilise it to inform future planning and assessment of district heating network decarbonisation, reporting findings to corporate property board.	
	(5) Management and distribution of grants for homeowners and landlords (24/25) (5a) Continue to manage the processes and returns required to distribute and maximise government funding for home improvements and decarbonisation initiatives e.g. phase 4, green homes grants for homeowners, private sector landlords and private sector tenants. (5b) Secure additional resources from the Devo Retrofit Fund (administered by MNZH) to extend the number of private sector homes we can improve, by August 2024.	
	(6) Housing Partnership working	



	Continuing to engage with / maximise benefits from partnership opportunities e.g. LAEP, Derby and Derbyshire Strategic Leadership Board, EMCCA etc. to share best practice, expertise and horizon scan for opportunities relating to housing and devolved funding.
Key measures for 2024/25	<ul style="list-style-type: none"> • No. of new council homes achieving band A. • Breakdown of the Council's housing stock by EPC rating. • Work delivered during the year eg. No. of windows fitted, insulation, boiler upgrades etc. • No. of private sector housing grants distributed and impact eg. EPC-Green Homes Grant phase 4 - £440k of investment into off-gas properties by March 2025.
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Housing stock condition – Derby and Derbyshire wide data across all stock types • Shared domestic heating feasibility study from 24/25 • Housing Annual Report to tenants

Priority 3 – Low carbon procurement		
Aspirations and commitments for 2024/25	To ensure low carbon energy purchasing and contracts with external suppliers.	 Carbon Savings: CBC - High
Key activities for 2024/25	(1) Purchase low carbon electricity for 24/25 Continue to purchase electricity generated from carbon-free sources for 24/25	
	(2) Purchase low carbon electricity for 25/26 Continue to purchase electricity generated from carbon-free sources by confirming arrangements for 25/26.	
	(3) Social value in procurement Develop a corporate Social Value Policy to support supply chain and wider borough decarbonisation during 24/25.	
Key measures for 2024/25	<ul style="list-style-type: none"> • Ensure that CBC has agreed purchase of electricity from low carbon sources for 2025/26 (by September 2024) 	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Best practice examples via sector support organisations including LGA, EMC and ASPE • Derby and Derbyshire Strategic Partnership Climate Change group activity 	



Priority 4 – Decarbonise the Council's vehicle fleet		
Aspirations and commitments for 2024/25	Implement the Council's Fleet Decarbonisation Plan to remove the reliance on fossil-fuelled vehicles and equipment, develop infrastructure, and participate in trials of emerging technology and solutions.	 Carbon Savings: CBC - High
Key activities for 2024/25	<p>(1) Deliver the actions within the Council's Fleet Decarbonisation Plan for 24/25:</p> <p>(1a) Continue to trial different vehicle types as short-term hire and learn from other organisations.</p> <p>(1b) Identify heavy users of fossil fuel within the Council's fleet and consider options including a specific trial of HVO fuel for our large road sweeper.</p> <p>(1c) Undertake a feasibility study to explore the option of replacing diesel with Hydrogenated Vegetable Oil (HVO) and storing it on site.</p> <p>(2) Charge point development for Council's fleet operational needs.</p> <p>(2a) Increasing the number of sites for the Council to charge electric fleet.</p> <p>(2b) Using an analysis of CBC vehicle movements and CBC site overnight vehicle storage location to identify possible sites for decentralised vehicle charging facilities.</p> <p>(2c) Develop an assessment of the national grid infrastructure and battery storage needed at these sites to deliver a council vehicle charging network.</p> <p>(3) Identify efficiencies in fleet usage</p> <p>Work to increase efficiencies in vehicle usage to reduce overall fuel consumption and emissions, as part of the Housing Services Transformation Programme.</p> <p>(4) Prepare for future years' activity within the Fleet Decarbonisation Plan:</p> <ul style="list-style-type: none"> - replace all 'medium' sized vans (currently 45) with electric vehicles in 2026/27 - replace all 'large' sized vans and tippers (currently 119) with electric vehicles or HVO in 2027/28 - replace the 34 electric vehicles once the 2024 lease expires with a new fleet of electric vehicles in 2029 	
Key measures for 2024/25	<ul style="list-style-type: none"> • Emissions reduced as a result of electric and low carbon fleet. • Fuel consumption/reduction / miles travelled/saved • Vehicle movement analysis • Assessment of potential sites • No. electric vehicles leased / HVO compatible vehicles 	



	<ul style="list-style-type: none"> • No. trials taken part in of emerging technology / solutions and outcomes.
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Best practice examples via sector support organisations including LGA, EMC and ASPE • Best practice examples from contractor's pilots • Derby and Derbyshire Strategic Partnership Climate Change group activity

Priority 5 – Support sustainable travel		
Aspirations and commitments for 2024/25	To support sustainable and active travel across the Borough.	 Carbon Savings: CBC and Borough – Med/High
Key activities for 2024/25	(1) Travel to work study (1a) Undertake a travel to work study with employees and members during September 2024 (1b) Following the Travel to work study, determine barriers and opportunities for reduced emissions and sustainable travel.	
	(2) Wider borough charge points strategy (2a) Engage with a wider piece of work being undertaken by the county council, to assess the need and capacity for electric vehicle charging points to be installed at sites within the borough (2b) Develop and consider opportunities to address gaps in charge points provision with a focus on areas with higher levels of deprivation.	
	(3) Sustainable Travel Research Engage with emerging opportunities (eg through the East Midlands Combined County Authority) to assess the future need for sustainable travel within the borough including cycling and walking, and possible future projects and funding opportunities to facilitate uptake.	
Key measures for 2024/25	<ul style="list-style-type: none"> Establish a baseline for emissions in relation to travel to work, and targets/opportunities for reduction. 	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> National Planning Policy Framework Chesterfield Local Plan Infrastructure Study and Delivery Plan Derby and Derbyshire Strategic Partnership Climate Change group activity 	



Priority 6 – Climate friendly land management		
Aspirations and commitments for 2024/25	To further develop plans for climate friendly land management including the Council's woodland, grassland, and opportunities for carbon sequestration and storage.	 Carbon Savings: CBC – Low
Key activities for 2024/25	(1) Woodland management programme Collate, identify and integrate information to provide a woodland management plan for CBC woodlands. To include a gap analysis to identify where further information, expertise, and capacity are required to progress to an UKWAS compliant management plan for CBC sites.	
	(2) Deliver tree planting (24/25) Continue to deliver the UKSPF funded tree planting programme during 24/25 planting season	
	(3) Develop approach for tree planting (25/26) Develop approach, and identify funding for a further programme of tree planting and woodland management in 2025/26 and onwards, taking into consideration and engaging with the Derbyshire Tree Strategy	
	(4) Available land audit (24/25) Establish a working group to gather and collate information on CBC-owned land to identify opportunities for carbon sequestration, BNG, renewable energy generation, and other environmental purposes. This audit will also inform the woodland management plan and flood risk adaptation (Joint working group)	
	(5) Deliver the grassland management plan (24/25) Develop a policy document describing CBC's approach to managing grassy areas with respect to management objectives and constraints	
	(6) Assess the usefulness of biochar as a carbon storage technology Use the scoping study commissioned in 23/24 and additional research, to assess potential in using biochar for carbon sequestration within the borough.	
	(7) Provide a natural burial site for the borough Subject to Cabinet approval, deliver the initial phase of the natural burial site.	
Key measures for 2024/25	<ul style="list-style-type: none"> • Number of trees planted annually, map of locations, and area (Target - at least 1000 trees planted during 24/25). • Funding / bids secured for tree planting beyond 24/25 • Land Audit for future tree planting activity. 	



Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none">• Derbyshire Tree Strategy and Community Forests• Derby and Derbyshire Strategic Partnership Climate Change group activity
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Priority 7 – Reduce and manage waste		
Aspirations and commitments for 2024/25	To minimise and manage waste at the Council and across the Borough, promoting waste reduction, recycling and reuse.	 Carbon Savings: CBC and Borough – Low
Key activities for 2024/25	(1) Develop recycling for CBC operational buildings Introduce recycling at CBC non-residential municipal properties	
	(2) Domestic Food Waste Collection Develop a plan for domestic food waste collection to be implemented in 2025/26	
	(3) Reduce and manage electronic waste 24/25 Work towards reducing electronic waste through repair, refurbishment, and recycling of surplus equipment	
	(4) Track printing and paper use in 24/25 Make use of MFD statistics to identify areas of high printer / paper usage within the organisation and establish reduction targets.	
Key measures for 2024/25	<ul style="list-style-type: none"> • Report number of laptops, headsets, monitors, keyboards, mice etc. disposed in 2024/25 • An annual breakdown of paper and printer usage by service area and direction of travel for high users. 	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Derby and Derbyshire Strategic Partnership Climate Change group activity 	



Priority 8 – Communicate climate change messages, facilitate the Chesterfield Climate Change Forum, and support wider community action on climate change.		
Aspirations and commitments for 2024/25	To continue to use climate change as a core element of CBC's communications work, and to engage with wider community and partners to deliver climate change initiatives and share best practice.	 Carbon Savings: CBC and Borough – Medium
Key activities for 2024/25	(1) Deliver the Council's climate change communications plan (24/25) Including: - Climate Change Newsletter - Your Chesterfield articles - Monthly climate change communications - Support partners in promoting wider climate change work	
	(2) Produce a digital "Your Chesterfield" resident magazine and discontinue the printed edition. Produce 3 digital editions of Your Chesterfield during 24/25.	
	(3) Support and facilitate the Chesterfield Climate Change Forum (3a) Support the Chesterfield Climate Change Forum to develop and deliver its action plan for 2024/25. (3b) Engage with the Chesterfield Climate Change Forum on the Council and wider Borough's progress towards 2030 and 2050 decarbonisation targets.	
	(4) Community grant fund support for climate projects (24/25) Support local community groups to undertake climate change projects within the borough via the Council's UKSPF and CIL Neighbourhoods £195,000 Community Grants Fund during 24/25.	
	(5) Community Development activity in relation to Climate Change (5a) Provide advice and support to local community groups to apply to the Community Grants Fund and other funding sources for climate change projects. (5b) Include climate change training and engagement as a key element of CBC support to the wider community.	
	(6) Deliver the Decarbonise programme supporting local businesses to adopt green technology (24/25) Deliver the UKSPF funded Decarbonise programme in partnership with the Chamber of Commerce by providing decarbonisation audits and awarding decarbonisation grants to local businesses.	

	<p>(7) Continue to engage with partners and develop wider sector influence (24/25) (7a) Following on from our engagement with Derby and Derbyshire Strategic Leadership Board (Climate Change theme), engage with the new East Midlands Combined County Authority to support partnership projects with other neighbouring councils across the region. (7b) Engage with wider council and climate change officer networks to ensure we are following and promoting good practice.</p> <p>(8) Long-term plan for towns Maximise the opportunities for climate change related activity and funding opportunities within the long-term plan for towns.</p> <p>(9) Biodiversity Net Gain Engage and communicate with the wider community about biodiversity net gain in the wider context of climate change.</p> <p>(10) Green skills (10a) Deliver digital skills upskilling (classroom in a box model) (10b) Deliver the UKSPF Green and Digital upskilling Programme (in relation to retrofit for constructions sector and AutoCAD provision for Manufacturing sector) (10c) Provide flexible green space to demonstrate new green skills technologies in construction (i.e. air source heat pumps etc) at the Construction Skills Hub</p>
Key measures for 2024/25	<ul style="list-style-type: none"> • Digital Your Chesterfield carbon saving • Climate Fresk training sessions offered to wider community (target 2) • Development of a forum action plan for 24/25 • Number of decarbonisation plans developed with local businesses via Decarbonise project (target 29) • Number of businesses receiving decarbonisation grants (target 10) • Number of businesses adopting new green technology (target 10)
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Long term plan for towns investment plan

Priority 9 – Embed climate change awareness and activity across the Council		
Aspirations and commitments for 2024/25	To ensure that climate change awareness and activities are embedded across the authority, by providing training, impact assessment and providing environments to discuss and collaborate on climate change activity within the Council.	 Carbon Savings: CBC– Medium
Key activities for 2024/25	<p>(1) Deliver the CBC climate change training programme for 24/25</p> <p>(1a) CBC to continue a programme of climate change training for elected members and staff</p> <p>(1b) Explore scope to deliver an online climate change awareness module for staff as part of induction.</p>	
	<p>(2) Include Climate Change Impact Assessments (CCIAs) in the Council’s decision making</p> <p>(2a) Support and advise colleagues on the completion of CCIAs.</p> <p>(2b) Embed and maximise climate considerations in the review of employee terms and conditions.</p> <p>(2c) Ensure CCIAs are reviewed if value engineering/cost reductions are required when delivering projects.</p> <p>(2d) Review, improve and update the CCIA tool as necessary</p>	
	<p>(3) Engage across all service areas and with elected members on climate change (24/25)</p> <p>(3a) Continue internal communications to engage colleagues and elected members on climate change.</p> <p>(3b) Continue quarterly strategic climate workshops for directors and operational leads.</p> <p>(3c) Develop an internal CAN campaign to highlight best practise behaviour and habits (eg. switching lights off, printing less) and to reinforce the Council’s commitment to addressing climate change.</p>	
Key measures for 2024/25	<ul style="list-style-type: none"> • All members (who have not already done so) to receive training, all new-starters to receive training as induction, continue training existing staff (at a rate of one Fresk session / 2 months, and 2 top-up sessions / year) • No. mitigating actions/CCIAs completed/impacts identified 	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Employee engagement initiatives including surveys, VIP, e-bulletins 	

Priority 10 – Adapt council policies and strategies to account for a changing climate		
Aspirations and commitments for 2024/25	To support extreme weather adaptation for residents and businesses, consider local climate-based risks, and incorporate climate considerations into our forward planning and growth activities.	 Carbon Savings: CBC– Low
Key activities for 2024/25	(1) Support extreme weather adaptation for residents and businesses: (1a) Working with partners including the Derbyshire Local Resilience Partnership to ensure that extreme weather risks and adaptation are considered in the Derbyshire and Chesterfield Borough community risk registers and associated mitigation activity. (1b) Ensure that local protocols and arrangements are in place for: <ul style="list-style-type: none"> - Warm spaces - Flood risk / response - Climate related vulnerabilities of rough sleepers 	
	(2) Climate risk review: Review climate-based risks in the corporate risk register	
	(3) Local Plan review: (3a) Ensure that the local plan review includes substantial climate requirements (3b) Develop a new Design Code to be implemented in summer 2025 as a mandatory and enforceable part of local plan, including climate change related activity and requirements for development.	
	(4) Chesterfield Town Centre Masterplan review: Maximise opportunities for carbon reduction and climate adaptation in the Chesterfield Town Centre Masterplan review	
	(5) Staveley Town Centre Masterplan review: Maximise opportunities for carbon reduction and climate adaptation in the Staveley town centre masterplan review	
	(6) Southern Gateway options review: Maximise opportunities for carbon reduction and climate adaptation in the Southern Gateway options review	

Priority 11 – Horizon scanning for new methods to address climate change and how they apply to CBC		
Aspirations and commitments for 2024/25	Undertake horizon scanning to identify decarbonisation solutions, activities, and funding opportunities which support the Council and wider Borough to meet its 2030 and 2050 targets.	 Carbon Savings: CBC– Low
Key activities for 2024/25	<p>(1) Research and development (climate change team) Exploring / commissioning feasibility to support council reaching its targets in 24/25 and working with service areas to develop plans to implement feasibility work done in 23/24.</p> <p>(2) Horizon scanning for Borough-wide decarbonisation opportunities (eg. HEAT hub)</p>	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Best practice examples via sector support organisations including LGA, EMC and ASPE • Derby and Derbyshire Strategic Partnership Climate Change group activity 	

Priority 12 – Report on our climate change activity and progress towards strategy delivery.		
Aspirations and commitments for 2024/25	Report on progress towards completing the Delivery Plan and Climate Change Strategy/ 2030 and 2050 decarbonisation targets.	 Carbon Savings: CBC – Low
Key activities for 2024/25	(1) Report usage Report use of Electricity, Gas, Water, and Road fuels. Report wastewater generated	
	(2) Report waste Report Borough-wide recycling rates and waste volume values to gauge the success of activities promoting waste reduction, recycling and reuse.	
	(3) Annual Report Publish an annual report to monitor progress against the Delivery Plan and Climate Change Strategy	
	(4) Monitoring reports Produce regular update reports on progress to Cabinet, Scrutiny, Cabinet Member (and shadow portfolio holder), members bulletin, Climate Change Forum.	
Key measures for 2024/25	<ul style="list-style-type: none"> • Monitor gas, electricity, water, wastewater, and road fuels quarterly • Waste volume / mass, and recycling % quarterly 	
Additional data we will be using to inform decision making and priorities	<ul style="list-style-type: none"> • Tracking the carbon reduction from implementation of the Council's budget strategy. 	