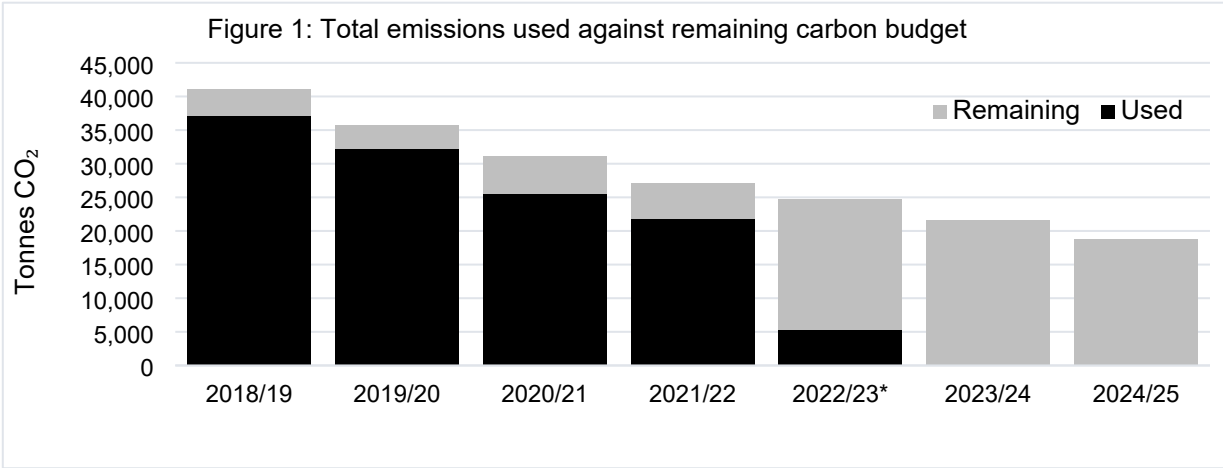


Appendix 5: Climate Change Priorities

Delivering the Manchester Climate Change Action Plan 2020-25

In September 2022, the City Council’s Executive approved a refresh of the [Manchester Climate Change Action Plan](#) (CCAP), which has a target to reduce the Council’s direct CO₂ emissions by 50% over the five-year period of 2020-25. To achieve this, the Council needs to reduce its emissions by 13% every year, for five years. These emissions relate to Council buildings, streetlights, waste collection, operational fleet, and Council business travel. The carbon budget for this five-year period of 2020-25 is 126,336 tonnes of CO₂ calculated using science-based targets¹. To date, the Council has made good progress working towards its target to reduce its direct CO₂ emissions by 50% by 2025 and since 2020, the Council has exceeded its annual reduction targets, achieving 29.4% reductions so far.

Figure 1 below shows the CO₂ emissions used each year of the CCAP 2020-25 against the annual emissions budget, commencing from the baseline year, 2018/19 to highlight the year-on-year budget reduction and downward trend.



*includes emissions up to Q1 April – June 2022

As the Council’s refreshed Climate Change Action Plan sets out, as well as continuing to reduce its own direct CO₂ emissions and take action on climate change across all areas of the Council, going forward there will be more emphasis on our city leadership role. Working in partnership and supporting residents and partners across the city to play their full part in reducing the city’s carbon emissions to meet the science-based target, including ensuring a just transition for residents.

To enable the delivery of these commitments set out in the Council’s CCAP, further revenue and capital investment from multiple funding sources over multiple financial years is critical and a major challenge.

Since 2019/20, the Council has already put in place investment of approximately **£227m** to deliver the 5-year Climate Change Action Plan. The breakdown of this funding by source is as follows:

- **£109.2m** via the Council (including investment in LED streetlighting, Civic Quarter Heat Network, Estates Carbon Reduction, purchase of Electric Refuse Collection Vehicles, Tree Planting, social housing new low carbon homes & retrofit, education setting summit and new climate change posts)

¹ This has slightly increased from the original budget of 119,988 tonnes of CO₂ due to emissions from Northwards Housing being incorporated now it has formally re-joined the Council. This recalculation has been reviewed by the Tyndall Centre for Climate Change Research

- Including additional revenue secured as part of 2022/23 budget setting to provide additional staffing capacity (12 new posts) to support delivery of the CCAP – more details on what these posts are delivering is provided in the table below
- **£70.1m** from UK Government (including funding for Mayfield Park, Urban Tree Challenge Fund, Public Sector Decarbonisation Scheme, Active Travel, Social Housing Development Fund, HNIP grant contribution to Civic Quarter Heat Network)
- **£35.4m** from the GMCA (including Active Travel, GM Mayors Challenge Fund)
- **£4.3m** from the European Union (including ERDF funded Unlocking Clean Energy, Horizon 2020 funding for West Gorton Park, URBACT C-Change and Zero Carbon Cities projects and e-cargo bikes).
- **£4.3m** from partners (including One Manchester contribution to the Social Housing Decarbonisation Fund)
- **£3.6m** from the Manchester Climate Change Agency (including In Our Nature funding from the National Lottery).

The investment outlined above has assisted the Council to make good progress towards achieving its net zero carbon target by helping to reduce its direct emissions and remain within this carbon budget limit. The additional revenue investment secured as part of the 2022/23 budget setting will provide important additional capacity, particularly in delivering the city wide actions, as outlined in the table below.

Focus	Description
Housing Investment & Retrofit	Develop and deliver a housing retrofit plan for the Council's social housing stock. Work with Manchester Housing Providers Partnership and wider partners to deliver an approach to housing retrofit across social and private sectors.
Energy & Infrastructure Support	Review and respond to the recommendations of the Local Area Energy Plan, working with Greater Manchester partners to deliver energy infrastructure. Supporting delivery of Green & Blue Infrastructure.
Procurement	Supporting effective implementation and monitoring of the 10% environmental weighting across our procurement processes.
City Policy Zero Carbon Team	Develop a plan to eradicate avoidable single use plastics across the Council and at events, working towards being single use plastic free by 2024. Added capacity to support the Finance & Investment work programme alongside CCAP programme management work of the Zero Carbon Team.
Sustainable Staff Travel	Implement the new Staff Travel Policy across the Council and support staff to make sustainable travel choices.
Carbon Literacy	Delivering a comprehensive Carbon Literacy programme which secures our target gold standard by 2025, while responding to service needs and establishing a mechanism for evaluation.
CCAP Delivery Support	Allocating small amounts of funding to support the delivery of priorities (e.g., support to schools, work with

	the food sector), which has the potential to enable greater progress.
Total	£800k p.a.

Continuing to operate within the remainder of the carbon budget will be challenging and the Council will need to continue identifying and securing investment to deliver on its commitments.

Outlined below is a summary of the Council's progress to date on delivering the CCAP as well as upcoming priority areas and where the additional capacity will help to drive these actions forward.

Climate Change Action Plan progress and upcoming priorities

Buildings and Energy

Progress to date

- Produced a Buildings and Energy Strategy for MCC Estate
- 18 MCC buildings retrofitted as part of the Estate Decarbonisation programme (Funding: £6.3m MCC and £19.1m Public Sector Decarbonisation Scheme) forecasting a total carbon saving of 3,100 tonnes CO₂ p.a. Funding now secured for 8 additional buildings
- Produced a Manchester Build Standard and now embedding into Council decision making
- Commissioned a feasibility study for large scale renewable energy generation (£35k), recommending taking forward steps for the purchase of a solar farm or Power Purchase Agreement
- Completed the installation of 55,000 LED Street lights (£32.8m), showing 2021-22 emissions being 13,563 tonnes CO₂ (86%) lower than in 2009-10
- Completed Civic Quarter Heat Network infrastructure with 6 buildings now connected (£26m) to save 1,600 tonnes of CO₂ per annum
- Undertaken a stock condition survey of private rented properties across the city
- Manchester City Council now has a Local Area Energy Plan for Manchester, which was developed as part of the Greater Manchester Local Energy Market project
- Supported One Manchester with a Social Housing Decarbonisation Scheme bid to retrofit social housing in Beswick (£7.8m)

2023/24 Priorities

Council actions

- Progress the Large-Scale Renewable Energy Generation project for the development or purchase of a suitable solar farm and / or direct renewable energy Power Purchase Agreement (PPA).
- Continue to deliver the Estates Carbon Reduction Programme using funding secured from MCC's own resources and UK Government (Public Sector Decarbonisation Scheme and Unlocking Clean Energy)

City actions

- Continue to progress the development of the Local Plan
- Deliver an approach to housing retrofit with Manchester Housing Providers Partnership. Develop and deliver a housing retrofit plan for the Council's social housing stock. (Report to E&CC Scrutiny, September 2022)

- 2 new posts created within Strategic Housing - to support the development and delivery of the housing retrofit plan and explore funding opportunities to support this work
- Review and respond to the recommendations in the Local Area Energy Plan (LAEP) and coordinate LAEP work with wider Greater Manchester authorities and partners (Report to E&CC Scrutiny, December 2022)
 - 2 new posts created within Growth & Development - to provide additional resource to focus on this priority area, linking with wider infrastructure work

Transport and Travel

Progress to date

- 50% of waste collection fleet (27 vehicles) have now been replaced with electric vehicles forecasting an annual carbon saving of 900 tonnes CO₂ (£9.8m)
- 37 fully electric and 2 hybrid vehicles leased as part of the MCC fleet
- 26 electric cargo bikes and six electric cargo trailers purchased by MCC (£174k Energy Savings Trust grant, £106k MCC, £19k partner investment)
- 166 cycle to work scheme applications by MCC staff submitted during 20/21
- Publication of a new MCC Staff Travel Policy
- Manchester Airport Group joined the Manchester Climate Change Partnership and founder member of UK Jet Zero Council

2023/24 Priorities

Council actions

- Continue to decarbonise the Council's fleet, including the development of a business case for the remaining 50% of the refuse collection vehicles.
- Identify and implement sustainable actions across Highways focusing on the use of resilient and sustainable materials.
- Implement the Staff Travel Policy across the Council and monitor progress (Report to E&CC Scrutiny, January 2023)
 - 2 new posts created in Human Resources and Organisational Development (HROD) - to embed the new Staff Sustainable Travel Policy across the Council, develop and implement incentives and support to encourage staff to sustainably commute.

City actions

- Continue delivery of the Transport Strategies across Greater Manchester and the City Centre, working with GMCA, TfGM (Transport for Greater Manchester), other Local Authorities and Government on projects (including preparations for High Speed 2 and Northern Powerhouse Rail, Metrolink expansion and tram-train options, bus reform, the Clean Air Zone, and Active Travel).
- Develop and deliver the Electric Vehicle Charging Infrastructure Strategy and assess investment requirements, link with the Local Area Energy Plan and Local Plan (Report to E&CC Scrutiny, January 2023)

Consumption based emissions and suppliers

Progress to date

- Acted on the findings of the Tyndall Centre for Climate Change research into the City's consumption emissions, strengthening the environmental weighting for tenders of goods and services
- Introduced a 10% social value weighting for the environment to increase the total social value weighting to 30%
- Updated the Council's supplier and commissioner toolkit to support existing and prospective suppliers to reduce their CO₂ emissions and respond to the social value environmental weighting
- Created and appointed a member of staff to lead on MCC's commitment to reduce the use of avoidable single use plastics and deliver sustainable events

2023/24 Priorities

Council actions

- Continue to implement the 10% environmental weighting within the social value element of the tendering process to influence suppliers
 - 2 new posts created with Integrated Commissioning & Procurement to support with monitoring of CO₂ emissions in contracts and to challenge specifications to ensure that low carbon options are fully considered.
- Implement the plan to eradicate avoidable single use plastics across the Council and at events, working towards being single use plastic free by 2024 and support delivery of sustainable events (Report to E&CC Scrutiny, December 2022)
 - 1 new post created within City Policy to develop and deliver a plan getting us to Single Use Plastic Free and exploring opportunities for sustainable events

City actions

- Develop and implement the plan for sustainable events (including a reduction in SUPs) across the City, through the use of the Sustainable Events Guides
 - Supported by the post created in City Policy
- Work with the Secretariat of the Manchester Food Board to deliver the climate change priorities of the Manchester Food Board, including producing and implementing a Sustainable Food Policy

Climate Adaptation and Sequestration

Progress to date

- Built a 'sponge' park in West Gorton as part of the Horizon 2020 Grow Green Project (opened June 2020) (£1.6m Horizon 2020)
- MCC commissioned a River Valley Strategy 'Our Rivers Our City' (completed)
- Completion of the GMCA-led IGNITION project (£58k)
- MCC appointed a fixed-term Tree Officer post to implement the Tree Action Plan (time limited post) alongside a £1m MCC tree planting budget
- Planted 7,021 trees (4,401 trees, 2,620 hedge trees) and 5 community orchards across the city (£148k DEFRA (Department for Environment, Food & Rural Affairs))
- MCC commissioned Tree Opportunity Map for Manchester (£50k)

2023/24 Priorities

Council actions

- Continue delivery of the Tree Action Plan and identify funding opportunities

- Produce and deliver a Parks specific Climate Change Action Plan
- Explore increasing nature based solutions (NBS) across the city by using learnings from NBS projects
- Delivery of the Green & Blue Infrastructure Strategy and revised Implementation Plan and the Biodiversity Strategy (Reports to E&CC Scrutiny, March 2023)

City actions

- Increase quantity of trees and hedgerows by using the Tree Opportunity Mapping assessment

Influencing behaviour and being a catalyst for change

Progress to date

- Silver Carbon Literate Accreditation (15% of workforce – 1050 members of staff) - March 2021 (£86k MCC revenue 20-22)
- Embedded zero carbon as a priority into Council Service Plans
- Three Neighbourhood Climate Change Officer appointed (£130k)
- Climate Change Action Plans developed across all 32 Wards
- 49 neighbourhood climate action projects delivered during 20-21, utilising £91.2k of Neighbourhood Investment Funds
- First city climate change communications campaign delivered during summer 2020 (£32k), behaviour change communications campaign delivered during summer 2022 (£50k)
- Delivered presentation to the Oxford Road Corridor Partnership in January 2020 sharing the learnings from Triangulum project
- Public and private lobbying of the GM Pension Fund to divest from investment in fossil fuels
- Schools Bee Green Conference held at Connell Co-op College on 30 June 2022 (£13.7k MCC revenue 22/23)
- Developed a proposition to UK Government in relation to COP26 being held in Glasgow, leading to engagement in UK Cities Climate Investment Commission (UK3CI) and developing a pipeline of investible projects
- Manchester Work & Skills Strategy 2022-27 featuring Green Skills, adopted by Executive Committee on the 29 June 2022

2023/24 Priorities

Council actions

- Develop and deliver a programme of work to achieve Gold Carbon Literacy Accreditation by March 2025 and develop a wider training programme to fully embed the Council's Zero Carbon ambition across services. (Report to E&CC Scrutiny, November 2022)
 - 1 post created and 1 post extended within HROD to continue to rollout the training programme across the Council, respond to service needs and establish a mechanism for evaluation
- Continue to embed zero carbon ambitions into Council decision-making
- Continue delivery of the Finance and Investment work programme, to identify financial models for investing in decarbonisation projects across the city
 - 1 new post created within City Policy to support this priority, along with the programme management work of the Zero Carbon team

City actions

- MCC to continue to lead by example in its commitment to taking action on climate change across all areas of the Council and showing leadership across the city with residents and external partners.
- Continue to actively engage residents and communities to tackle climate change, including implementing ward action plans (report to E&CC Scrutiny, November 2022) and continuing to work with Manchester Climate Change Agency and other partners to deliver the 'In Our Nature' programme
- Tell the Council's story of positive climate action through website content, social media, and the press, and align the Zero Carbon Communications work with wider communications across the council e.g., Waste and Recycling, green and blue infrastructure, active travel, and neighbourhoods
- Work with Manchester Climate Change Partnership and Agency to deliver the revised Manchester Climate Change Framework and what levers the Council can use to support this and accelerate decarbonisation across the city – support this with a city wide communications campaign focusing on the refreshed Manchester Climate Change Strategy
- Deliver Education Services Climate Change Strategic Action Plan 2022-2024, to support and engage education providers to embed climate change into their operations and education settings (Report to Children & Young People's Scrutiny, October 2022)
- Implement the Green Skills Action Plan developed from the refreshed Work & Skills Strategy