

ZERO CARBON

MANCHESTER

Manchester City Council

Progress Update Q4, January - March 2023



Introduction

This report provides an overview of the progress made in delivering against the refreshed Climate Change Action Plan (CCAP) 2020-25 between January– March 2023 (Q4 2022-23) and highlights some of the work delivered during this period to reduce the Council’s direct carbon (CO₂) emissions, as well as examples of influencing wider change and action across the city.

This report focuses on the Council’s overall activity to reduce its direct carbon emissions, highlights key achievements and challenges faced during the reporting period and showcases Council specific actions with a spotlight on decarbonising the Council’s buildings and city-wide leadership actions, which focus on influencing Manchester’s Culture Sector and engaging with communities and schools. An overall progress update and RAG rating of each action within the CCAP is included as Appendix 1 – Action RAG Rating and Progress Update.

Key Messages

- The Council has used c. two thirds (59.8%) of its 2022-23 carbon budget so far during Q1 – Q3 (April – December 2022), meaning it’s on track to remain within its budget for this year.
- During Q3 (October – December 2022), MCC emitted 5,503 tonnes of CO₂ (tCO₂), which is 18.6% lower than the same period last year.
- Key achievements this quarter include the Council’s Executive Committee endorsing Manchester’s Active Travel Strategy, further reductions in the use of single use plastics within Central Library Café, securing MCC funding to recruit an Eco Schools Officer and the rollout of Carbon Literacy Training across Manchester Adult Education Service.

CO₂ Emissions

The Council has a target to halve its direct CO₂ emissions by 2025 based on a 13% year on year reduction to reach zero carbon by 2038. This ambition is underpinned by a carbon budget¹ of 126,336 tCO₂ for 2020-25. The annual carbon budget for the current financial year (2022-23) is 24,784 tCO₂.

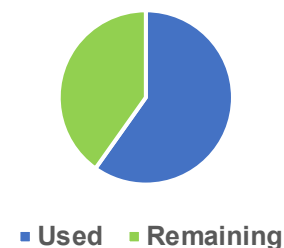
The emissions data is for the previous quarter, October 2022 – December 2022 and includes some estimates for the period due to billing being quarterly in arrears. The annual report, which the Council will publish in September 2023 will include full billing data for the whole year.

Between April and December 2022, the Council emitted a total of 14,829 tCO₂ against the annual carbon budget for 2022-23 (59.8% of carbon budget used), as shown in Figure 1.

24,784 tonnes CO₂ – Emissions Budget 2022-23

14,829 tonnes CO₂ – Emissions produced to date 2022-23*

Figure 1: Carbon Budget 2022-23 - Used v Remaining



¹ A Carbon Budget is the cumulative amount of carbon (CO₂) emissions permitted within a specified timeframe

Figure 2 shows the level of CO₂ emissions produced each year of the CCAP 2020-25, against the annual carbon budget. The graph begins with the baseline year 2018-19 to highlight the year-on-year budget reduction and shows that since 2018-19, the Council has remained within its allocated carbon budget.

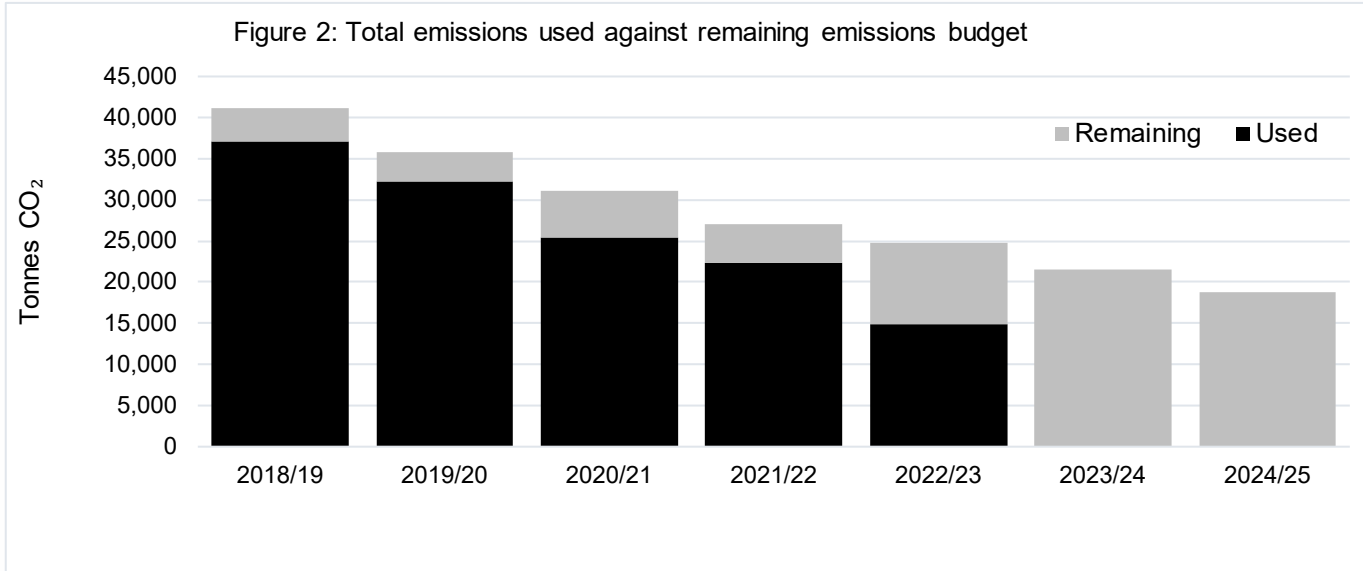
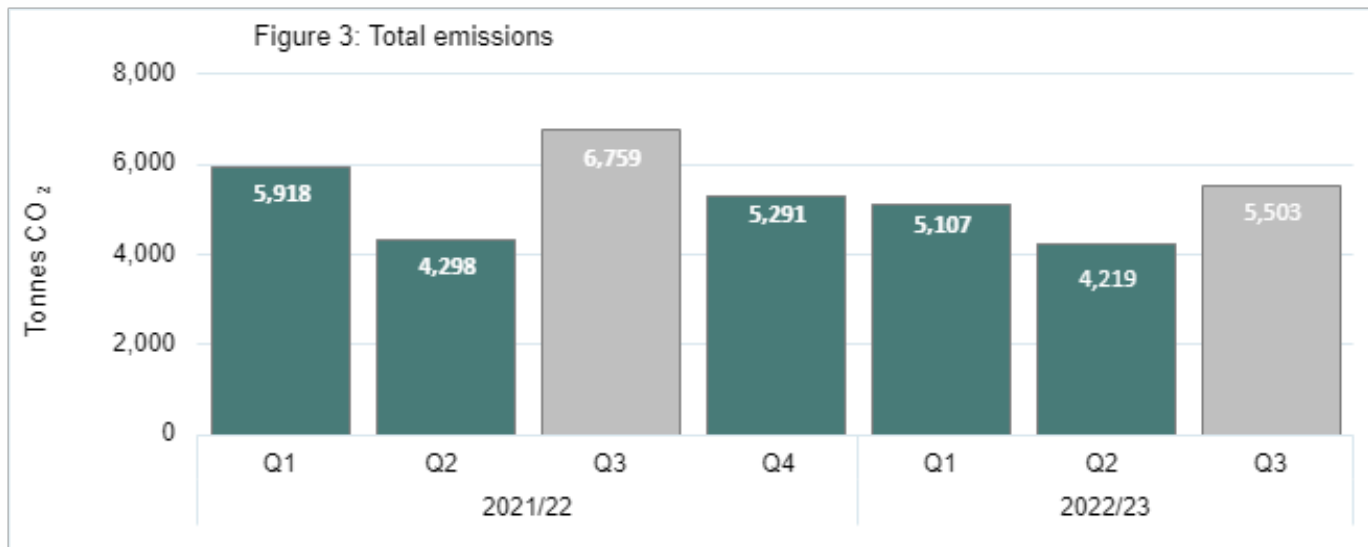


Figure 3 shows a quarter-by-quarter view of the Council’s total emissions, starting from April 2021. Comparing one quarter’s emissions to the same period the previous year allows for a more detailed comparison.



Emissions vary from quarter to quarter reflecting seasonal differences, for example higher energy consumption in the winter months due to heating buildings, and higher operational fleet emissions in the summer months due to increased maintenance of green spaces.

Provisional data for this quarter shows that the Council’s total emissions in Quarter 3 (Q3) 2022-23 is 5,503 tCO₂, which is 18.6% lower than Q3 the previous year. We are starting to see lower rates of CO₂ reduction in individual quarters in comparison to 2020-21 and 2021-22, which could be due to several factors such as weather conditions, returning to ‘normal’ business following the pandemic and having delivered significant CO₂ emission reductions actions in the earlier years of this 2020-25 CCAP period.

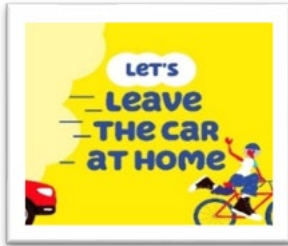
During Q3 2022-23, we have seen the following reductions in emissions across the Council when compared to Q3 2021-22:

- Council Building down 21%
- Streetlights down 12%
- Waste Collection Fleet down 14%
- Council Operational Fleet down 2.5%

Emissions from staff business travel has increased by 14%, when compared to Q3 2021-22 but this is as expected as we moved through the pandemic recovery period.

It is more meaningful to compare emissions from staff business travel to the previous quarter (Q2 2022-23), which shows a 5% increase. The Council's Sustainable Travel Officer is working across various services with the aim of reducing business travel or swapping to sustainable modes of transport, where feasible and this will continue to be monitored and reported.

Key Achievements



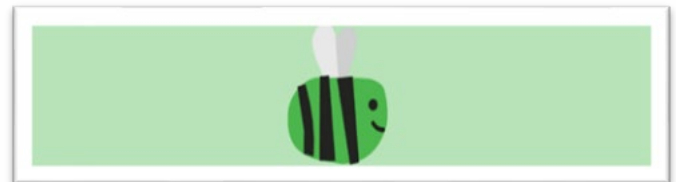
Manchester Active Travel Strategy and Investment Plan was endorsed by Executive Committee in February 2023. Key objectives for the five-year plan are to make walking the natural choice for short journeys and to double cycling journeys from 6% to 12%.

Carbon considerations and a requirement to track emissions data has been included within the Home to School Transport tender, as part of the additional 10% environmental weighting for new contracts.



Measures to reduce avoidable single use plastic (SUP) have been implemented in Central Library Café, such as replacing plastic drink bottles with cans and cartons, increased promotion of Bring Your Own Cup discount, and using refillable sugar dispensers.

Green School Networks established within Central and South Manchester; North will follow. The networks will share best practice, explore opportunities for education settings and work collaboratively on issues related to climate change.



Manchester
Adult
Education

Manchester Adult Education Service has trained 71 tutors in Carbon Literacy enabling them to include climate and sustainability education within the learning programmes.

MCC has committed funding for an Eco Schools Officer and will be the first point of contact for schools interested in the Eco Schools programme and will provide support to engage.



Key Challenges

This section highlights strategic challenges associated with delivery of the overall CCAP and where possible, identifies mitigating measures.

- Changes in UK Government have an impact on national decisions and policies and makes forming relationships with Government departments challenging. Government lobbying and engaging with Ministers continues through politicians and officers. (Action 5.10)
- The financial landscape for the coming years looks challenging, which could mean UK Government investment in climate change may be impacted. The Zero Carbon Finance and Investment Sub Group continues to explore opportunities for investment into climate action (Action 5.3).
- Competing national demands limit the Council's decision making, for example developing low carbon houses that comply with the Decent Homes Standard while remaining affordable. Strategic decisions are considered as required and agreed through the Council's democratic governance structure. (Action 5.2)

Under the Spotlight – Within the Council

This spotlight section outlines the Council's progress in delivering its Estates Carbon Reduction Programme and provides extra insight into a successful project: the National Cycling Centre (NCC).

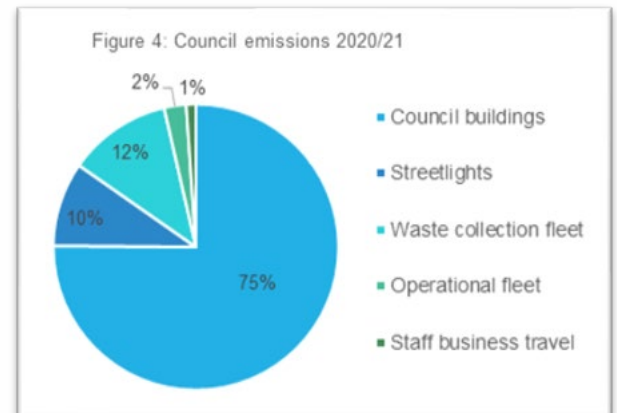
Council Building Emissions

Council buildings make up 75% of MCC's emissions as shown in Figure 4. The Council has 316 operational buildings and is responsible for the emissions associated with them.

The CCAP 2020-25 requires carbon emissions from the Council's buildings to reduce by a minimum of 4,800 tCO₂ per annum. That is the equivalent to the total annual emissions of the Town Hall Extension, Manchester Aquatics Centre and Manchester Art Gallery combined.

As a result, the Zero Carbon Estate Programme has been established to oversee measures to reduce emissions across the estate. Through the programme, energy audits were undertaken to prioritise the buildings with the largest emissions and work then began, which included installing energy efficiency technologies, such as LED lighting and renewable energy generation technologies, such as solar PV systems.

To date over **£30 million** has been invested into the Council's Estates Carbon Reduction Programme and as a result, emissions from energy use across Council buildings has reduced year on year since 2014-15, as shown in Figure 5. Emissions from the operational estate have reduced by 29.7% (7,161 tCO₂) since the baseline year 2019-20.



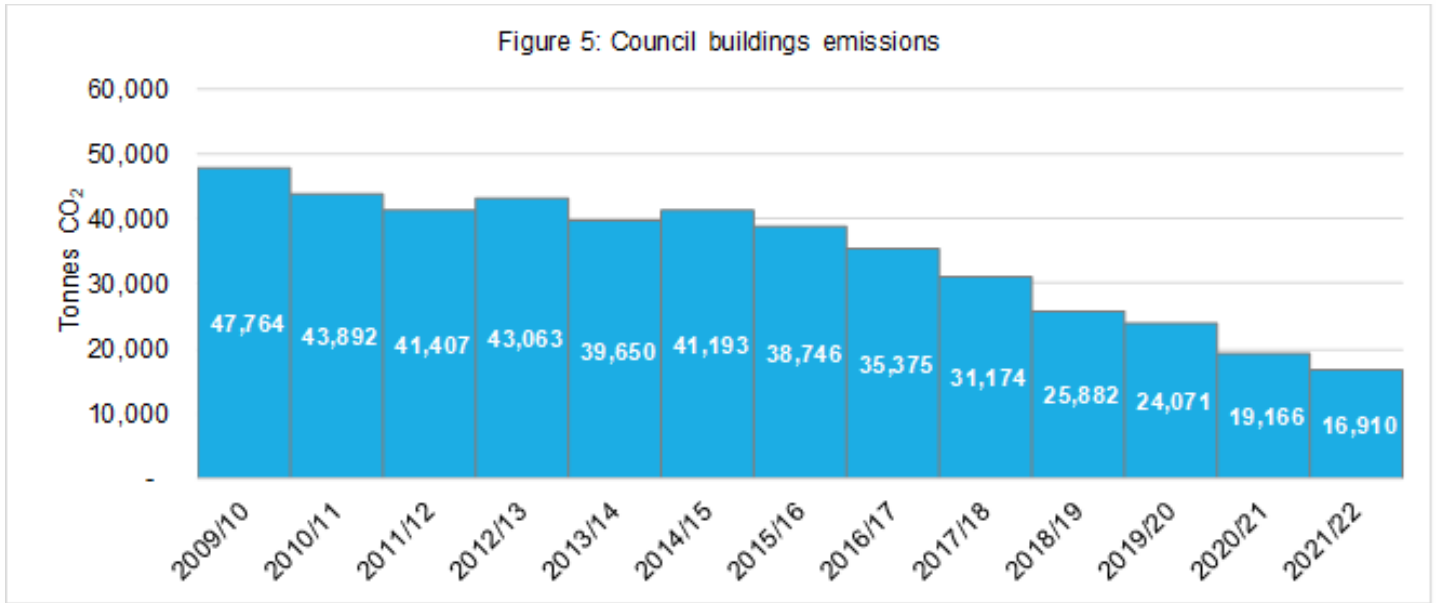


Figure 1 is breakdown of the Council’s direct emissions in 2020-21 (source: CCAP Annual Report 21/22)

Whilst significant carbon savings are being made across the Council’s estate, this is becoming increasingly challenging as future projects will be on smaller buildings in varying conditions, which will result in much smaller carbon savings, often at higher costs per tCO₂ reduction achieved. However, building assessments will be undertaken and proposals developed to continue to drive down carbon emissions from the estate as this is essential for us to reach our Zero carbon target

National Cycling Centre (NCC)

The NCC is one of the buildings included within the first phase of the Estates Carbon Reduction Programme, which has received investment from ERDF Unlocking Clean Energy for GM and Greater Manchester Combined Authority’s (GMCA) bid for Public Sector Decarbonisation Scheme (PSDS) Phase 1, to invest in a range of heat decarbonisation, energy efficiency and generation projects across the Council’s estate.

The NCC comprises two main connected buildings: the BMX centre and the older Velodrome. The Velodrome is where all the interventions have been installed.

Retrofitting a building, by adding or making changes to it, such as carbon efficiency installations is a detailed and multi-layered process. This includes fact finding and analysing energy data (such as thermal imagine, see Figure 6), to inspections, modelling, and surveys to confirm designs.

After carrying out these steps for the NCC, a decision was made on the measures required – which were to redesign the energy plant for the building and change the heating systems from gas to electricity.



Figure 6, thermal photograph of the Velodrome showing heat escaping from the roof

The desired outcomes for the project and the measures installed are listed below:

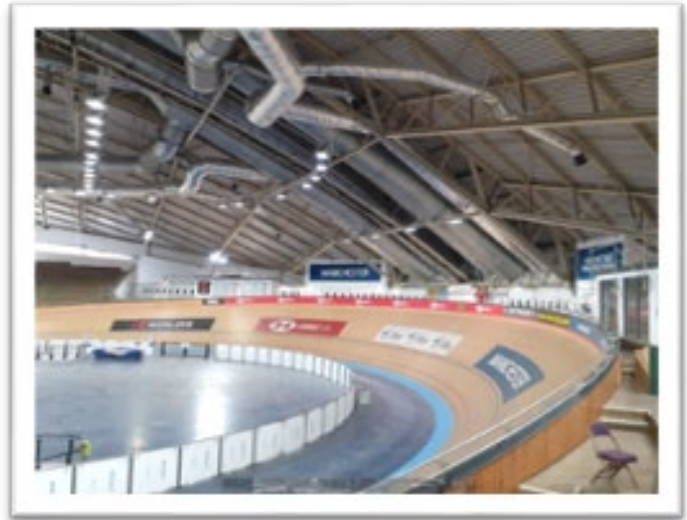
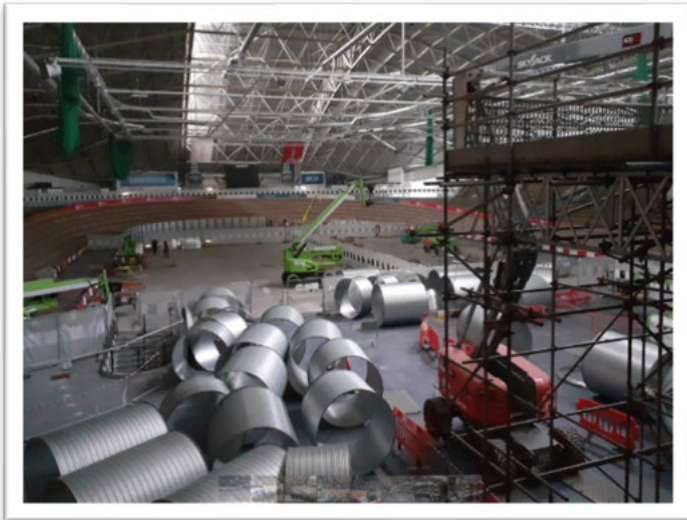
Desired outcomes:

- Improve environmental conditions within the centre
- Improve energy efficiency of the systems
- Reduce carbon emissions from the centre
- Align the building for continued year on year carbon savings with no further investment.
- Improve and reduce maintenance requirements of the systems

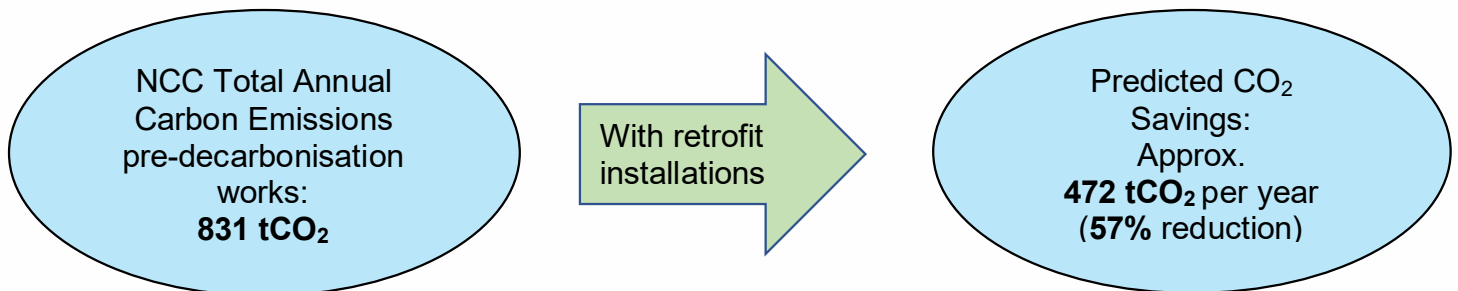
Installations included:

- A new '**heat recovery**' **ventilation system** (which has Air Handling Units) with zone control – to provide energy savings.
- A new **Air Source Heat Pump (ASHP)** - to reduce reliance on gas
- **Replaced lighting with LED fittings** throughout, which are fully dimmable to further maximise energy savings
- **Fabric improvements** to glazing, rooflights and doors.

These images show the components of the new ventilation system during and after installation. Each cylinder is over 2 metres in diameter!



The energy improvements to the NCC are almost complete, with the final stages of solar car port installations due to complete by summer 2023, which will provide on-site energy generation to save further emissions. Once all installations are live it is estimated that CO₂ emissions should fall by around 57%.



Further information on the Council's [Decarbonisation of the Operational Estates](#), please see the report to Resources and Governance Scrutiny Committee on the 10 January 2023.

Seeing is believing – Across the City

This section showcases the Council's leadership and influence in driving climate action across the city, particularly across the Culture sector. The Council's has made significant progress in responding to the climate emergency and is continually working with other sectors across the city to support them to reach Manchester's target to be zero carbon by 2038 at the latest.

An example of this is the work with Manchester's cultural organisations, which has received national and international recognition.

The culture sector plays a unique role in inspiring, engaging and influencing individuals to take action and the Council wants to see action on climate change.

Manchester's cultural organisations reached over **5.4 million** people in 2019-20

Zero carbon in Culture Grants

The Council's commitment to build climate change ambitions into grant programmes, started with the Culture Grants. Firstly, officers responsible for the Culture Grants programme required dedicated training, delivered by Julie's Bicycle, a not-for-profit organisation aiming to mobilise the arts and culture sector to take action on climate change.

Following the training, guidance on climate action was produced for organisations wishing to apply for a Culture Grant. The guidance highlights the following zero carbon asks:

- **Commitment** – a public commitment to the city's 2038 ambition and with senior leadership and ownership of the targets
- **Understanding** – an understanding of the organisation's impact through a carbon footprint
- **Skills** – roll out of carbon literacy training for staff and other key partners
- **Action** – a carbon reduction action plan for the organisation
- **Engagement** – artistic and creative engagement with audiences and participants on climate change

Climate change commitments feature as one of four priorities for the new Cultural Partnership Grant programme starting in April 2023. Applicants are asked to demonstrate an understanding of the organisation's climate impact and wider influencing role, a commitment to addressing climate change at leadership and decision-making levels in line with Manchester targets, and significant progress in developing or implementing an action plan.

Zero Carbon Culture Guide

The Council also worked with Julie's Bicycle to produce a Zero Carbon Culture Guide.

The Guide supports Manchester's Culture Sector to develop a Carbon Reduction Plan, focusing on six priority areas: Travel, Energy, Food & Drinks, Products & Services, Production, and Nature as well as listing key resources and support.

The Culture Guide can be downloaded from the [Council's website](#).



Zero Carbon Culture Awards



In recognition for the Cultural organisations leading the way in responding to Manchester zero carbon 2038 target, [the Manchester Culture Awards](#) including a category for 'Promotion of Environmental Sustainability'.

This annual event launched by the City Council in 2018 recognises the city's best cultural contributions across 12 different categories. At the 2022 awards, Roots and Branches won the 'Promotion of Environmental Sustainability' category.

Roots and Branches are a collaboration between the Carbon Literacy Project, Museum Development England and Manchester Museum, which aim to train and certify 1,500 people from 300 museums as carbon literate over the next two years and give an opportunity for museums to engage, experiment and test new ideas for a more sustainable future. Through this project, Manchester provides a focus for climate across museums nationwide.

Organisers of the Manchester Culture Awards continue to explore and include measures to reduce the event's environmental impact, previous examples include digital-only programmes and collecting travel data to encourage active travel at future events.

Further information on the Council's [Zero Carbon Culture](#) work, please see the report to Environment and Climate Change Scrutiny Committee on the 09 March 2023.

Communication and Engagement Highlights

This section highlights the communications and resident engagement activity during this quarter. Below are examples of how the Council is aiming to influence positive behaviour change both internally with staff and across the city to residents and other stakeholders.

Neighbourhood Leadership

As part of our climate leadership role across the city, MCC's Neighbourhood teams support local communities to proactively engage in local climate activity to reduce their carbon footprint. Examples of some of the activities delivered during this quarter to support residents and communities to take positive climate action include:

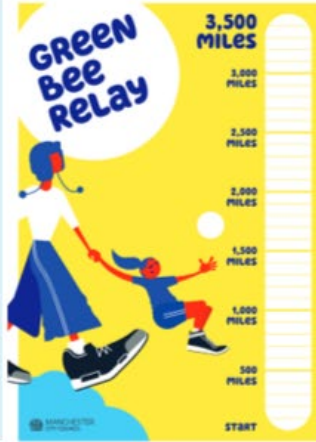
- Cost of living events in Levenshulme, Withington and Didsbury providing an opportunity to discuss energy saving tips with residents, to save money whilst also tackling climate change.
- Engagement meetings to encourage residents to volunteer with City of Trees to improve a number of local woods.
- Visiting repair cafes to learn about how they work and explore methods that can be replicated across the city.
- Supporting residents and Manchester Youth Zone to apply for GMCA's Green Spaces funding.

Schools Spotlight

Work is ongoing across the City Council's Neighbourhoods and Education teams to implement our zero carbon ambitions in school settings. Climate Change Neighbourhood Officers have been visiting schools to support the zero carbon agenda, highlight funding opportunities and exploring Carbon Literacy Training opportunities for staff. Schools have been involved in an action planning pilot to

support the development of their own climate action plans and the first Central Green Schools Network meeting was held in February, with North and South sessions to follow.

The Green Bee Relay launched in January and is a challenge for schools to actively travel 3500 miles by Clean Air Day on 15 June 2023. The Communications team has supported with promotional material for this challenge and videos will be created to track the progress of participating schools.



15
Settings signed up for Green Bee Relay

15
Schools involved in action planning pilot

29
Attendees at first Green Schools Network

Communications Highlights

Manchester City Council is actively promoting its zero carbon ambition through campaigns, ongoing social media activity and regular press releases. An update on this activity was presented to [MCC's Environment and Climate Change Scrutiny Committee in February 2023](#).

Social Media

27
posts across all social media channels

124,021
views

522
likes

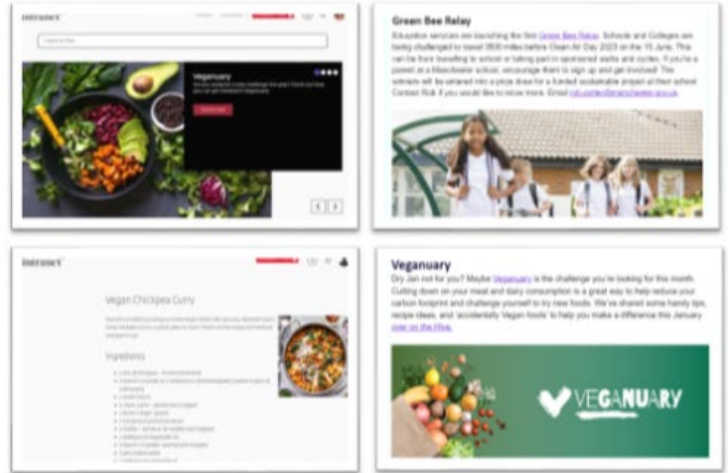
- Topics covered this quarter:
- Recycling
 - Parks
 - Food
 - Veganuary
 - Vegan recipes
 - Carbon budgets
 - Carbon footprint
 - Active Travel
 - Regeneration
 - Housing
 - Green space
 - Keep Manchester Tidy



Internal Communications

- o Staff broadcasts and Intranet messaging
 - Veganuary
 - Vegan recipes shared
 - Reducing your carbon footprint
 - Staff blog about Carbon Literacy Training and trying meat free Monday's
 - Promotion of Green Bee Relay

- o Updates to Zero Carbon Hub on the staff Intranet
 - Climate Change Action Plan
 - Carbon Literacy Training
 - Active travel
 - Promoting good news stories from around the Council



Behaviour Change Campaign

The campaign continues across all social media channels with the aim of promoting positive behaviour change and climate action.



The outdoor advertising period has now ended, although billboards will remain in place until the space is commercially sold and lamp post banners are likely to stay up for a few more weeks.



Neighbourhoods Team and the In Our Nature programme will continue to promote these messages through their community engagement activities.

Messaging shared throughout January for Veganuary encouraging people to eat more fruit and vegetables and try some vegan recipes.



Key Performance Indicators:

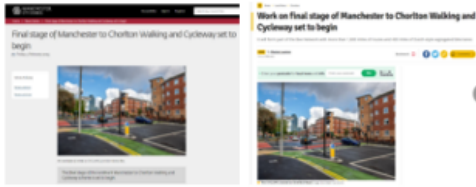


Press Releases

3 February

Work to begin on final stage of Manchester to Chorlton walking and cycleway:

- Manchester Evening News



2 February

Publication of Manchester Active Travel Strategy and Investment Plan:

- About Manchester



4 January

Consultation launched on plans for former Central Retail Park including new green space:

- Manchester Evening News
- About Manchester
- The Mill



13 February

Former Chorlton Leisure Centre site to provide low carbon affordable housing for older people:

- Manchester Evening News
- Place North West



14 February

Ancoats Green transformation is one step closer as planning application is submitted:

- Secret Manchester
- The Manc
- Manchester's Finest
- Place North West



Appendix 1 – Action RAG Rating and Progress Update

The tables below provide an overview of the progress of actions across all five workstreams included in the CCAP 2020-25 using a RAG (Red, Amber, Green) rating system.

Key

Working to target (Green)	Work in progress (Amber)	Not started / missed critical milestones (Red)	Complete (Grey)
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Workstream 1 – Buildings and Energy		
Action	Action Summary	Action Update
1.1 - Amber	MCC Estates carbon reduction programme	Manufacturing slots for 7 ASHPs funded by PSDS3 are secure. Availability of contractors and materials has impacted some areas of work, which cannot be scheduled until close to the deadline therefore ineligible for the grant. GM ERDF project is progressing well with final works to take place by June 2023.
1.2 - Amber	Manchester Build Standard	Build Standard produced and being embedded within capital projects, communication with wider parties is critical.
1.3 - Amber	Large scale renewable energy generation	Following due diligence on the purchase of a possible solar farm, the Council has decided not to proceed. In the short-term MCC is working with advisors to secure a Power Purchase Agreement (PPA) in order to meet the CCAP's 50% emissions reduction target by 2025.
1.4 - Green	LED street lighting	LED street lighting fully installed, resulting in 65% less energy consumption since 2016. Energy consumption and opportunities to further reduce emissions to be considered as required.
1.5 - Amber	Civic Quarter Heat Network	EnerVate have been appointed by the Manchester Energy Network to identify and engage with potential new customers. Several building owners have been contacted and meetings scheduled to discuss customer requirements.
1.6 - Amber	MCC Housing Carbon Reduction	To date 20 ASHPs have been installed out on 190, which will continue to be delivered up to May 2023 funded via ERDF. Awaiting the outcome of SHDF2 bid, £11.6m to fund retrofit across 1,603 properties. Work is ongoing monitoring housing emissions data across MCC housing stock, baseline data complete for MCC housing stock and the majority of social housing stock across Manchester (85% coverage).
1.7 - Amber	Citywide Housing Carbon Reduction	Housing efficiency data is being refined to produce a list of fuel poor private properties eligible for Government's Home Upgrade Grant (HUG2). Working closely with Manchester Housing Providers Partnership Zero Carbon Sub-group to develop an emissions monitoring framework for Registered Providers stock. An update on delivery of the Housing Retrofit Strategy went to Environment & Climate Change Scrutiny on 09 March 2023.
1.8 - Green	Commercial and non-domestic building carbon reduction	The Business Growth Hub continue to support the commercial sector with carbon reduction planning and climate action. A metrics for monitoring this across the city is being developed to support the promotion of their offer to businesses.

1.9 - Amber	Local Area Energy Plan (LAEP)	Additional capacity has been recruited to deliver this action, a work plan is in development and engagement with wider stakeholders is underway.
1.10 - Amber	Leasing and disposing of Council buildings and land	Zero carbon and environmental credentials are a key element of the Council's Strategic Asset Management Plan asset review process. This covers all decisions relating to the Council's land and property portfolio and is weighted and considered along with other corporate priorities.
1.11 - Green	Manchester Local Plan	Consideration of zero carbon policy aspects in line with national standards to inform the Local Plan is underway and will conclude in May 2023.
1.12 - Amber	Partnerships e.g., Green Building Council	Engagement ongoing with partners to understand best practice in build standards and how to influence developers.

Workstream 2 – Transport and Travel

Action	Action Summary	Action Update
2.1 - Green	Electric refuse collection vehicles	Emissions from the waste fleet are being monitored to understand the impact of the 27 electric vehicles and to explore further efficiency options for the remaining 50% of the fleet.
2.2 - Green	Replace operational fleet with EVs	Currently 41 electric and 2 hybrid vehicles in the fleet. Possibly 10 further vehicles can be replaced as leases expire. All MCC eCargo bikes are now deployed, an additional bike was provided to North Parks Team (Boggart Hole Clough). Mileage by MCC eCargo bikes is over 88 miles this quarter.
2.3 - Amber	Business Travel Policy	Re-designed cycling mileage claim form for Council staff has been promoted, with more directorate specific communications to follow. Registrars public transport pilot scheme is progressing now the issue with multi-user ticketing has been resolved. Team travel tickets ordered with 'travel option' engagement sessions organised for March. This will be reviewed for potential rollout to other services.
2.4 - Amber	Environmental actions within Highways	Highways are trialling the National Highways Carbon Tool on the A34 Corridor project. Two sustainable urban drainage systems (SuDS) Standards are now finalised covering rain gardens and SuDS enabled street trees, details on maintenance schedules for each design. The Standards will be adopted across Highways once agreed with the Executive Member.
2.5 - Green	Greater Manchester Transport Strategy 2040	Work has commenced on a refresh of the Manchester Local Implementation Plan, to set out Manchester's priorities for delivering the GM Transport Strategy 2040.
2.6 - Green	City Centre Transport Strategy	This work will be aligned to the Manchester Local Implementation Plan (see 2.5)
2.7 - Green	EV Charging Infrastructure Strategy	Following the approval of the Electric Vehicle Charging Infrastructure Strategy at Executive Committee, a soft marketing exercise is currently with Procurement.
2.8 - Green	Active Travel	Manchester Active Travel Strategy and Investment Plan endorsed by Executive Committee in February. Key objectives of the Strategy include making walking the natural choice for short journeys; doubling cycling's share of journeys from 6% to 12%; a School Street in each ward; installation of secure cycling parking; reduction in default speed

		limit in residential areas to 20mph; improve access to schools, parks and other key destinations; and remove inaccessible barriers.
2.9 - Green	Sustainable Travel Incentives for MCC Staff	Successful promotion of the Winter Wheelers programme resulted in 2440 miles logged by MCC staff over 284 individual trips in December. A calendar of sustainable commute days, i.e., clean air day, bike to workday, car-free day, is being developed for targeted communications.
2.10 - Amber	Aviation Emissions	MAG and MCCA reported to January 2023 Environment & Climate Change Scrutiny Committee . The report and presentation provided an update on the International Civil Aviation Organization (ICAO) agreement on reducing international aviation emissions, the UK Government Jet Zero Strategy commitments, and MAGs own work on decarbonising flights from Manchester Airport.
2.11 - Amber	Air Quality	Manchester's 2016-2021 Air Quality Action Plan has been delivered. A follow-up action plan is on hold awaiting the outcome of the GM Clean Air Plan. Annual regional reports, which include Manchester's progress are available at https://cleanairgm.com/data-hub/monitoring-reports/ .

Workstream 3– Sustainable Consumption

Action	Action Summary	Action Update
3.1 - Amber	Sustainable Procurement	Integrated Commissioning & Procurement (IC&P) are engaging with potential suppliers to explore available solutions for measuring supply chain emissions (Scope 3). Work is underway to understand technical requirements and data availability for this assessment.
3.2 - Amber	Reducing Single Use Plastics (SUPs)	Parks and Markets teams are working together to further roll out reusable cups pilot to events on Council land. Wider engagement and data capture plans are being developed to further drive reduction of SUPs across events and understand associated challenges.
3.3 - Green	Sustainable Events	All event owners across MCC have been engaged and briefed on the Sustainable Events Guide. Support is being provided to the Para Swimming World Championship to drive sustainability improvements at the event and data capture.
3.4 - Amber	Waste Services	Officers are monitoring Government announcements on the Waste Strategy for England and engaging with GMCA waste officer group to review developments and plans for implementation.
3.5 - Amber	Supplier Toolkit	IC&P held sessions with Cornwall Council and Transport for Greater Manchester (TfGM) on the progress of zero carbon procurement. Training sessions for commissioners on building zero-carbon into procurement and contracts has been delivered, with an additional session planned for May 2023.
3.6 - Green	Influencing a reduction in Single Use Plastics	The requirement to be SUP free is embedded within all new Park trader licenses and will be quality assessed through the contract management process and random checks.
3.7 - Green	Manchester Food Board	Conversations have commenced with FoodSync, who have resource to support the development of a Manchester Sustainable Food Policy, which will be developed alongside a Food Standards Guide for schools.

Workstream 4– Adaptation and Sequestration		
Action	Action Summary	Action Update
4.1 - Green	Tree Action Planning	In 2022-23 planting season an estimate of 7861 trees (including 6249 hedge trees) have been planted across known schemes and 5 orchards.
4.2 - Green	Nature Based Solutions	See Action 2.4 update
4.3 - Green	Parks CCAP	Parks CCAP has been shared and agreed with Parks Management Team and action owners have been identified. Key Performance Indicators for each action are being finalised.
4.4 - Green	Green and Blue Strategy	The 2022-23 update of the Green and Blue Strategy (including the tree action plan 2022-23) was taken to the Environment and Climate Change Scrutiny Committee in March 2023.
4.5 - Green	Biodiversity Strategy	A new commission looking at providing a detailed assessment of Biodiversity Net Gain opportunity and suitability in Manchester went out to tender in March 2023.
4.6 - Green	Tree Planting	City of Trees provided a workshop to MCC officers on the Woodland Creation Accelerator Programme in March 2023. The aim is to use the capacity mapping to develop planting plans for several key sites/ neighbourhoods across the city.

Workstream 5 – Catalysing Change		
Action	Action Summary	Action Update
5.1 - Amber	Carbon literacy training	26% of workforce certified Carbon Literate, including 93 out of 96 councillors. Remaining councillors are being engaged to arrange a convenient training session. Monitoring framework is on hold until Carbon Literacy Project share their training impact assessment.
5.2 - Green	Embedding zero carbon within Council decision making	Zero carbon consideration has been built into the design of the Our Manchester Voluntary and Community Sector grant programme, taking the learnings from the Culture Grants funding.
5.3 - Green	Finance & Investment	A detailed update on zero carbon investment was included in the budget report to Environment and Climate Change Scrutiny in February 2023. The group continues to work with internal and external partners to identify further funding opportunities.
5.4 - Green	Community Engagement	Task & Finish Group has been established to support the development of a framework to measure the climate impact of Ward Plans and Neighbourhood Investment Fund. Ward level carbon footprints produced as part of In Our Nature programme will inform the framework.
5.5 - Green	Citywide Communications Strategy	Zero carbon messages promoting key projects, milestones and achievements continue across a range of channels, including social media, press activity, internal communications and partners.
5.6 - Green	Fund Manchester Climate Change Agency (MCCA)	Continuous financial support to MCCA unlocked funding from other Manchester Climate Change Partnership members and external funding. Three out of four additional posts to support In Our Nature programme have been filled.

5.7 - Green	Support Manchester Climate Change Partnership	MCC is working with local partners and the Met Office to develop a heat map for the city. The map will allow for better understanding of heat related vulnerabilities across the city and will aid adaption planning.
5.8 - Amber	Support Education Providers to reduce carbon	Climate Change Champions programme is being introduced in schools with the focus on pupils in Years 4, 5, 8 and 9. Children will work towards Climate Change Champion accreditation as part of 'Skills for Life'.
5.9 - Amber	Influence GM stakeholders to decarbonise	Manchester properties are included in a joint GM wide bid for Social Housing Decarbonisation Scheme Phase 2, which will support delivery of MCC's housing retrofit programme. The Council's Sustainability Project Manager contributed to the first GM Single Use Plastic Working Group in January and shared Manchester's approach to eliminating avoidable SUPs.
5.10 - Amber	Government Lobbying	The Council and Core Cities provided a joint response to the Independent Net Zero Review. The Leader of the Council joined the Local Net Zero Forum Political Meeting on 09 February 2023, attended by Lord Callanan, Parliamentary Under Secretary of State at the Department for Energy Security and Net Zero. The meeting provided an opportunity to share good practice and maintain relationships with our counterparts across the network.
5.11 - Green	International networks and projects	The Council attended a meeting for UK members of Eurocities to discuss Net Zero priorities, launch the Just Transition Group, and continue work of the Environment Forum. The 3Ci initiative, which the Council is part of, in conjunction with the Core Cities, London Councils and Connected Places Catapult have developed an International Strategy ahead of planned events taking place in 2023.
5.12 - Green	Green Skills Plan	MAES Officer now in post to embed sustainability across the service and launch a new "Sustainability and You!" 5-week course covering key topics around sustainability. A plan for skills required as part of the Social Housing Decarbonisation Fund bid has been developed. Work and Skills team are supporting the Growth Company to launch the new Green Skills Centre in Trafford Park.