

Introduction

This report sets out the latest progress against delivery of Manchester City Council’s Climate Change Action Plan (CCAP) 2020-25. All activity described in this report relates to the period in which the report is issued, in this case July to September 2021. Emissions data relates to the previous quarter due to lags in billing and data monitoring, in this case April to June 2021.

CO₂ Emissions

The CCAP has a target to reduce direct emissions of CO₂ by 50% over the five-year period of 2020-25. To achieve this, the Council has a target to reduce its emissions by 13% every year, for five years.

The CCAP also sets a carbon budget of 119,988 tonnes of CO₂ for the five-year period of 2020-25, calculated using science-based targets. Within this, the carbon budget for 2021-22 is 27,056 tonnes.



BUDGET

27,056 tonnes CO₂ – Emissions Budget 2021-22

5,681 tonnes CO₂ – Emissions released to date 2021-22*

**Emissions to date include best estimates due to billing timelines; the annual report qualifies actual emissions.*

The Council has emitted 5,681 tonnes of CO₂ between April and June 2021 which is 21% of the available budget – these are the most up to date figures for the year to date. These emissions relate to Council buildings, streetlights, waste collection, operational fleet and staff travel.

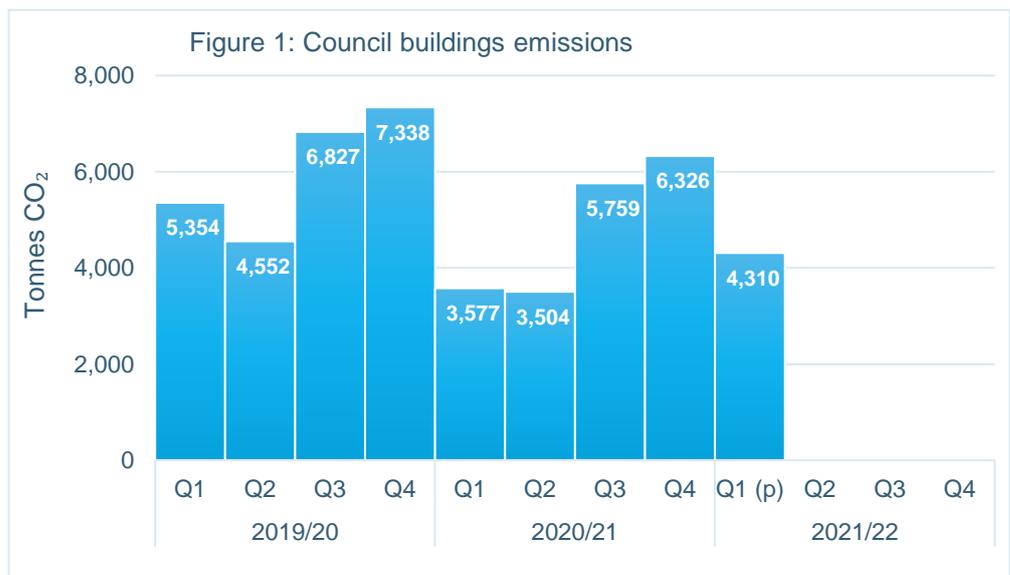
The charts below show a quarter-by-quarter view of emissions from April 2019 for the different Council activities responsible for direct CO₂ emissions. They show both seasonal differences, e.g. energy consumption and emissions peak in winter, the impact of COVID-19 and overall trends.

Note: where emissions data for the latest quarter has to include some element of a best estimate, for example where accurate billing or monitoring data will become available in future periods, figures are marked as (p) for provisional; where emissions data for the past quarter is revised, on the basis of more accurate data becoming available, figures are marked as (r) for revised. As data is being verified for the whole year at the time of writing this report, figures are marked as (r) for multiple quarters.

Two years of data has been included as COVID-19 meant that emissions in 2020-21 were unusual and so, in some cases, it is more meaningful to compare Q1 in 2021-22 to Q1 in 2019-20, rather than to last year.

Figure 1 shows that emissions from energy use in Council buildings in Q1 2021-22 are 19% lower than in Q1 2019-20.

This reduction has been driven by the installation of energy efficiency measures and renewable energy generation capacity, and by the decarbonisation of the national grid.



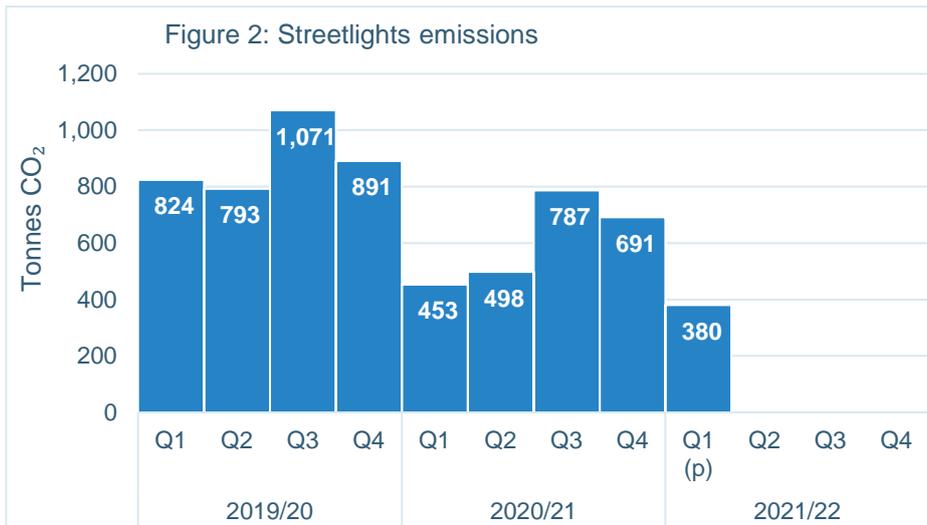


Figure 2 shows that emissions from streetlights are on a downward trend due to the large-scale retrofitting of LEDs over the last few years.

Emissions in Q1 of 2021-22 are 16% lower than Q1 in the previous year and 54% lower than Q1 in 2019-20.

The streetlights replacement programme is now complete and so changes in future emissions will be driven by seasonal factors only.

Figure 3 shows emissions from the waste fleet have remained relatively consistent over the past nine quarters.

Emissions are expected to fall at the end of 2021-22 when the full complement of electric refuse collection vehicles (eRCVs) will have been received and deployed.

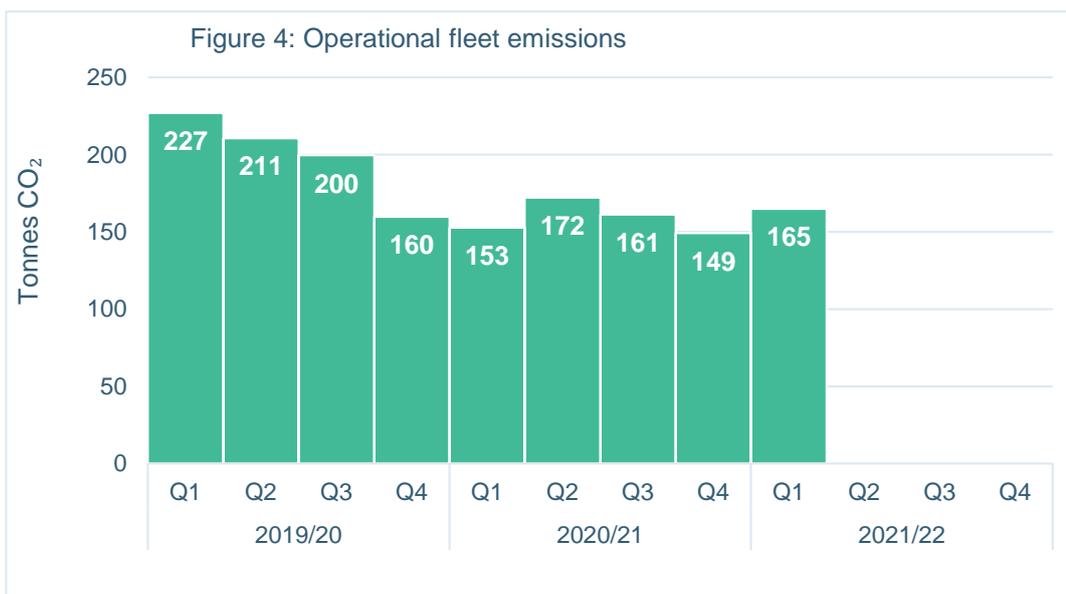
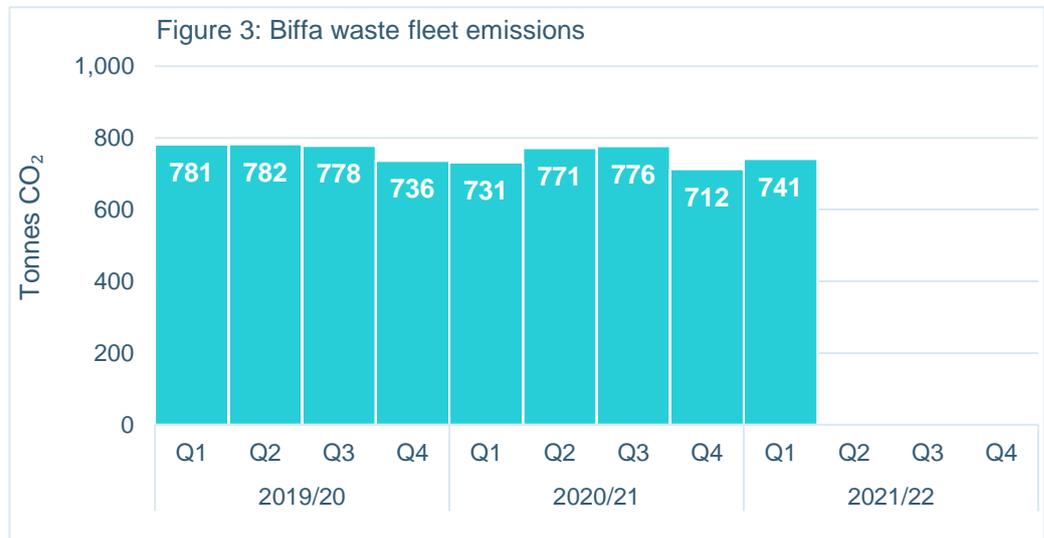


Figure 4 shows emissions from the Council's operational fleet have reduced by 27% when compared to the same period in 2019-20.

This is due to the fleet's rolling replacement programme.

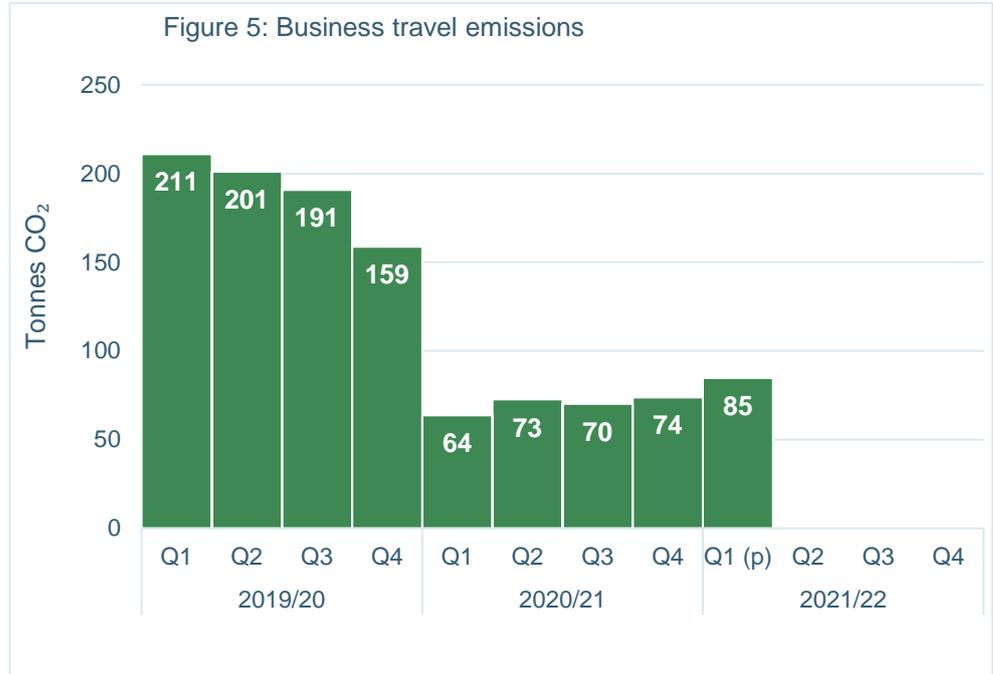
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Emissions from business travel by council officers and elected members reduced significantly throughout 2020-21 due to COVID-19 and the changes it created to working patterns, for example, online meetings.

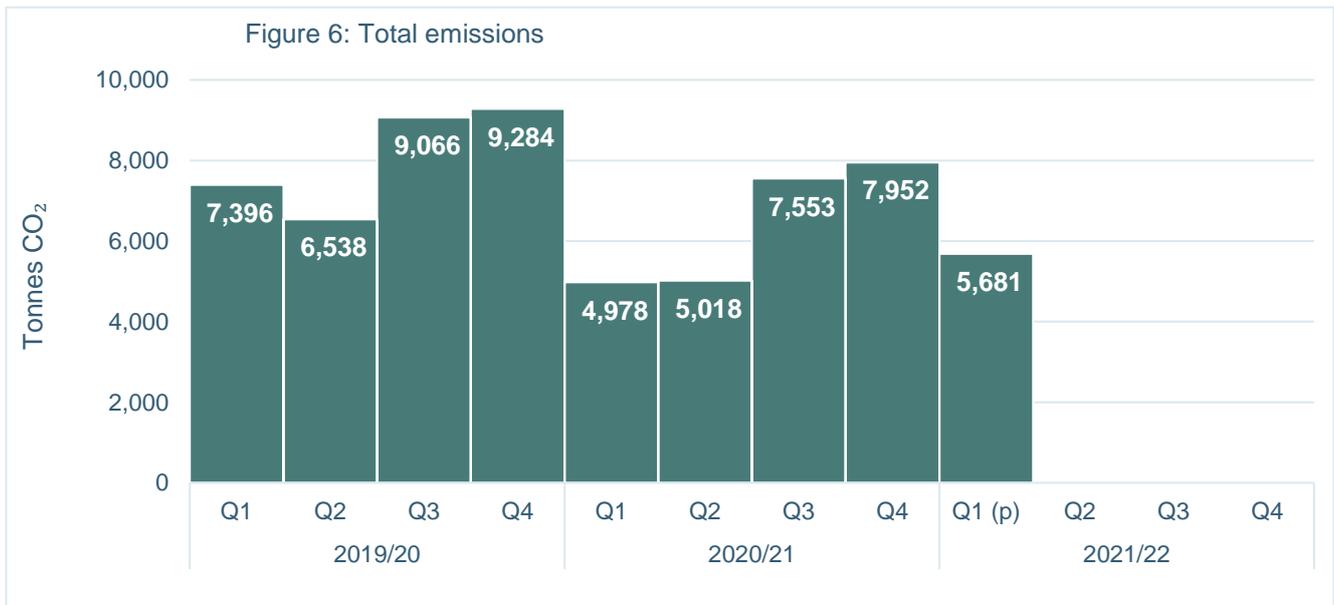
Figure 5 shows that emissions from business travel remain much lower than pre-COVID-19 levels but are showing an increase as we move out of lockdown.

In Q1 2021-22, six domestic flights were taken by Social Services for client work. Travel by rail and by car (staff millage in their own vehicles, taxis and car clubs) is slightly higher than last quarter in response to the easing of lockdown restrictions.



Going forward we expect business travel to continue to increase; however, we also expect the Council’s new Sustainable Travel Policy - which comes into effect shortly – must encourage modal shift as we recognise the need to keep the increase in carbon emissions to a minimum.

Figure 6 shows the Council’s total emissions and reflects the overall downwards trend seen in Figures 1-5 above, alongside expected seasonal trends. Total emissions in Q1 2021-22 are 23% lower than for the same period in 2019-20 (pre COVID-19).



Key Performance Indicator Spotlight:



Single Use Plastics at Events:

Research based on six Manchester events that took place in 2018 and 2019 shows that by switching away from single use to reusable bar cups, these events:

- Avoided using 1.7 million single use plastic cups
- Reduced cup waste by an estimated 96% (~30 tonnes)
- Reduced CO₂e emissions by an estimated 82% (~90 tonnes)

The study also showed that adopting reusable cups at all of Manchester's outdoor events could save a further 1 million single use plastic cups per annum from entering the waste stream, avoiding a further 20 tonnes of plastic waste, and preventing over 57 tonnes CO₂e emissions, each year.

Manchester City Council has committed to being single use plastic free by 2024 and has made changes across its operations in support of this goal which are detailed in previous quarterly reports.

Progress Report Headlines:

Key Achievements:

- 14 new electric refuse collection vehicles are now operational, with a further 13 expected to be delivered by the end of 2021.
- 19% of the Council's operational fleet that can be replaced with electric alternatives are now electric vehicles.
- £173k has been secured from the Energy Savings Trust to fund the purchase of 26 e-cargo bikes and 6 e-cargo trailers; 12 bikes / 3 trailers for the Council, 6 bikes / 2 trailers for five Manchester VSCE partners and 8 bikes / 1 trailer for a bike hire scheme.
- £325k has been secured from the Department for Transport's Active Travel Capability Fund, to produce an Active Travel Strategy and develop potential schemes.
- The Greater Manchester Clean Air Plan has been approved and will come into effect in May 2022, with funding available to upgrade or replace vehicles from November 2021.
- West Gorton Park has won two awards: a 'Golden Pineapple' Award from the Festival of Place and Highly Commended in the Environment Agency's Flood and Coastal Resilience Awards.
- Manchester Climate Change Partnership launched a Net Zero Carbon New Build Policy.

New Risks and Issues:

- Solar carports at the National Cycling Centre may be delayed as contractors are using the car park space for storage and access. Meetings are ongoing to seek a resolution.
- Manchester City Council's housing stock may not meet the eligibility criteria for the government's Social Housing Decarbonisation Fund, which opens next quarter, as it targets properties with an EPC rating below D and the majority of Council stock is rated C or above.

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Seeing is Believing: Community Engagement

Manchester Youth Council's Climate Wheel was distributed last quarter, along with education packs, to 183 education providers and 197 voluntary youth organisations, and was followed up this quarter by a series of events to promote it to residents.

One event was held in Platt Fields Park with the Manchester Urban Diggers group as part of the Skills for Life training. These young people are all Manchester Youth Council members and Climate Wheel Champions.



Separate to this, 'In Our Nature' delivered a series of workshops in partnership with Sow the City, and in collaboration with local groups, to help new audiences engage with nature on their doorstep.

During August, residents engaged in decorating swift boxes, harvesting vegetables, and making bird feeders from oats, oranges and seeds, which have been hung around Moss Side gardens. A nature mural was also created using illustrations of local wildlife coloured in by the younger residents.

The 'In Our Nature' programme also opened its first Community Fridge in Moss Side. The fridge allows for the community, including local businesses and producers, to share surplus food, aiming to cut down food waste and bring local communities together.



Progress Report by Workstream: (by exception)

Buildings and Energy (Workstream 1):

1.1 The Public Sector Decarbonisation Scheme (PSDS) detailed design work is complete, and contracts will be awarded by mid-October. The contract period closes in March 2022 and there is an ongoing risk that some delivery may potentially not meet the deadline. This is being closely monitored. These works to decarbonise heat and increase renewable energy generation capacity will be carried out in 12 Council buildings including the Town Hall Extension, the Aquatics Centre, National Cycling Centre, Arcadia Library & Leisure Centre, East Manchester Leisure Centre, Hough End Leisure Centre, Moss Side Leisure Centre, North City Family & Fitness Centre, Wythenshawe Forum, Sharp Project, Space Project and Zion Arts Centre.

On the Unlocking Clean Energy Project, consultants have developed the specification for the works at the National Cycling Centre. There is an issue with access to the carpark area for the installation of the solar photovoltaic (PV) car ports and this is being closely monitored.

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The Estates Programme (Phase 1) has three sites left to complete and are on schedule for the end of the financial year. The installation of solar PV is on site at the Sharp Project and the LED detailed design is complete subject to approval. The Space Project solar PV design is being finalised. The LEDs are in design for Bellevue Leisure Centre. Whilst the Football and Tennis Centre is still in use as a vaccine centre, solar PV's have been installed and will be connected, along with the installation of LEDs as access permits. The buildings are: Wythenshawe Forum, Town Hall Extension, East Manchester Leisure Centre, The Sharp Project, Space Project, Hough End Leisure Centre, Arcadia Sports Centre, Moss Side Leisure Centre, North City Family & Fitness Centre, Belle Vue Sports Centre and Manchester Tennis & Football Centre.

The HydroZero boiler at Gorton Library has been fully commissioned and is operational. The technology is an early development and the delivery company need to build capacity to develop a market ready product.

1.6 A Civic Quarter Heat Network (CQHN) site visit took place with the non-executive directors on 3rd August. Contracts with Manchester Heat Network TradeCo Limited, who will operate the facility on behalf of the Council, have been finalised. Gas connectivity experienced delays and is now scheduled for late September.

1.7 A funding submission is being prepared and will be presented to the Strategic Capital Board before the end of 2021-22 with the funding opportunities anticipated post COP26.

1.8 The Social Housing Decarbonisation Fund Demonstrator (SHDFD) change request for an extension has been agreed. Financial closure will now be 31st March 2022 with works to complete by 30th June 2022. Work is proceeding on 160 One Manchester properties with a 70% take up for heat pumps. On the 8th October, Lord Callanan, the Minister for Business, Energy and Corporate Responsibility, will be making a site visit.

Government has announced a Social Housing Decarbonisation Wave 1 fund, with the intention to utilise the learning from the demonstrator projects, but the timescales conflict with Wave 1 launching ahead of the demonstrator projects completing. The criteria targets properties below EPC Band C, ideally E and F, however Manchester has very few social housing properties in this category due to housing providers upgrading properties following stock transfers. Conditions of the new scheme are being reviewed.

1.12 Manchester Climate Change Partnership's, "Roadmap to Net Zero Carbon New Buildings in Manchester" was published in August. This sets out a proposal for all new buildings in the city to be zero carbon from 2023, without offsetting or a carbon tax. This will be incorporated into the Local Plan process.

Travel and Transport (Workstream 2):

2.1 There are now 14 electric refuse collection vehicles operational. The remaining 13 are expected by the end of November 2021.

2.2 A further 9 electric vehicles (EVs) were added to the fleet this quarter (8 vans and 1 people carrier), as part of the rolling replacement programme, bringing the total to 35 EV's and 3 hybrid vehicles. Currently, 201 vehicles have an electric equivalent meaning that 19% of the fleet is now electric. There are 22 specialist heavy goods vehicles in the fleet, which there is currently no non-ICE (Internal Combustion Engines) alternative on the market. The number of vehicles in the fleet commonly fluctuates by +/-5% depending on service need.

A bid to the Energy Savings Trust's eCargo Bike Local Authority Scheme was successful. An award of £173K will provide 26 eCargo bikes and six eCargo trailers. A number will form part of the Council's operational fleet as well as supporting the two universities and five VCSE organisations along with a 'bike library' for short-term lease.

2.3 The Sustainable Travel Policy has undergone a process of review and will be presented to the Personnel Committee on 20th October. As a result of the work on the policy, a car club vehicle is now

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available at Etrop Court, Wythenshawe, and messages to encourage active travel is included in all staff communication channels.

2.4 The Council has secured £325K funding from the Department for Transport's (DfT) Active Travel Capability Fund, to produce an Active Travel Strategy and develop potential schemes. Business cases are being worked up.

A submission was made via Transport for Greater Manchester (TfGM) to the DfT Active Travel Fund Round 3 for £4.4m to fund improvements to Alan Turing Way, High St/Fountain St traffic free streets and Medlock St scheme development. Two of our development asks have been deprioritised: £350k for Wythenshawe and £1.25m for Oldham Rd.

2.5 In September, TfGM, on behalf of the 10 Greater Manchester districts, submitted a bid to Government for a 5-year transport funding settlement under the £4.2bn Intra-city Transport Fund. The bid contains a range of schemes for active and public transport infrastructure in Manchester and will support the reduction of carbon emissions from transport.

The Greater Manchester Clean Air Plan was approved by the 10 Greater Manchester districts in July.

The Council is continuing to roll out EV charging infrastructure as funding becomes available, including through the Greater Manchester Clean Air Plan taxi charging and Government's On-Street Residential ChargePoint Scheme. Following input from the districts, TfGM launched a draft Greater Manchester EV Charging Infrastructure Strategy in September.

Beryl was chosen as the preferred supplier for the Greater Manchester Cycle Hire scheme. The Council is working with TfGM and Beryl to approve the locations for ~35 docking stations along the Oxford Road Corridor. The first bicycles and docking stations will be seen along Oxford Road during next quarter.

In July, the Greater Manchester Combined Authority (GMCA) announced the first stage of a minimum licensing standards for Greater Manchester taxis. This covers vehicle emission standards of Euro IV for petrol engines and Euro VI for diesel from 2021, with a road map to reducing harmful vehicles emissions and the aim of a zero-emission capable fleet by 2029. This will support the city regions Clean Air Plan.

2.7 Manchester Airport Group (MAG) was listed in the Financial Times Europe Climate Leaders as one of 300 companies that achieved the greatest reduction in their greenhouse gas emissions intensity between 2014 - 2019. This takes account of Scope 1 and Scope 2 emissions i.e. those directly produced by the company and those produced in generating the energy used by the company.

MAG is part of the UK Government 'Jet Zero' group. A consultation was launched in July 2021 ahead of the development of a Jet Zero Strategy - www.gov.uk/government/consultations/achieving-net-zero-aviation-by-2050.

2.8 Regular messages about discounted public transport tickets are being communicated through staff bulletins. Cycle September is also being promoted and prizes for Council staff have been secured from TfGM. A review of Council cycle facilities is underway.

Reducing Consumption-based Emissions (Workstream 3):

3.1 The number of tenders, including the 10% environmental weighting is increasing, examples include two contracts for the Etihad, the contract management system, 'Future Shape of Core' consultancy, and 'This City' procurements. The Integrated Commissioning and Procurement Team have continued to engage with services and Contract Leads across the council to raise awareness and provide support with implementing the new 10% environmental weighting. As a key partner in the Manchester Local Care Organisation, we are contributing to the development of their commissioning plan, which builds social value including zero carbon as an integral part. This will impact on all future Adult Social Care and Commissioning contracts within the Council.

3.2 A key recommendation from the Tyndall Centre for Climate Change research relates to emissions from areas of imported consumption, i.e. estimating emissions associated with particular

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goods and services categories and taking steps to reduce them. We plan to refine the original action to focus on specific hotspot areas over the coming year. The Integrated Commissioning and Procurement Team are in discussion with government and also with Core Cities to look at the can best approaches.

3.4 Accompanying guidance for the Supplier Toolkit has been developed and has been shared with the Business Growth Company for feedback. Work is also underway with the Business Growth Company to explore how we can promote their free support offer to Manchester SMEs.

3.5 Large scale events recommenced this quarter following COVID-19 restriction easing. The key focus areas for events are still to reduce Single Use Plastics (SUP's), particularly for food and drink trader cups and sustainable power supply. In Q1, a report was commissioned to research the use of SUP's across previous Council events. This internal work is now complete and outlines the Council's achievements from previous events, future recommendations, and guidance on how organisers can reduce SUP's. The report is undergoing peer review. A bid to the EU City Facility fund was submitted to fund a feasibility study into the upgrade of mains power at event sites but was not successful. Re-submission is being considered.

3.6 Engagement is being maintained between the Our Manchester (OM) Food Partnership and the Manchester Food Board, with the Council's Food Response Lead attending the Manchester Food Board and the Manchester Food Board Chair attends the OM Food Partnership meetings. A bid to the Our Manchester Investment Fund has been submitted to fund additional resource to strengthen links between the Manchester Food Board and OM Food Partnership. The Council's Food Response Lead is also working with Greater Manchester Food Operations Group to ensure best practice and regional resources are being shared.

Climate Change Adaptation and Carbon Sequestration (Workstream 4):

4.1 Work continues to protect the trees planted to date with watering programmes in place. The next tree planting season begins in October.

4.2 West Gorton Park won a 'Golden Pineapple' Award from the Festival of Place and was highly commended in the Environmental Agency's Flood and Coastal Resilience Awards. The Council's Highways team have been invited to an information and learning exchange session with Salford Council's Highways department, using West Gorton to discuss how more sustainable drainage system schemes could be implemented.

4.3 Finalising the Tree Opportunity Mapping report has been impacted by resourcing. The final report is now expected by the end of October. This will inform the next planting season.

4.4 Planning is now taking place for phase two of the planting programme to begin in October. Over 800 locations have been identified and these are currently being assessed. A call to establish the new community orchards will be issued late September. A bid to DEFRA's Urban Tree Challenge Fund has been submitted by City of Trees, to support the next phase of the planting programme.

Catalysing Change (Workstream 5):

5.1 Carbon Literacy training continues to be delivered. 1132 council staff and 39 members are certified carbon literate, taking account of staff who have left the organisation. 57 staff from Greenwich Leisure Limited and Manchester Active are also certified carbon literate, as a result of training delivered by the Council's Carbon Literacy trainer. Supporting partners to become carbon literate is one of the Gold accreditation criteria.

5.3 Carbon data is now reviewed at all stages within the decision-making process for capital programmes and work has begun to identify suitable metrics to support ongoing measurement of carbon impact. Further embedding carbon into the full range of decision-making structures is a key focus of the Future Shape of the Council core activity.

5.4 To ensure a consistent approach, the Climate Change Neighbourhood Officers have developed a template for capturing climate action within ward plans. These will be completed for all wards by the end of the year. A secondee from Groundwork started in post in September and will focus on the nature-based solutions activity over the next 11 months.

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Six pilot areas: Hulme, Levenshulme, Moss Side, Newton Heath and Miles Platting, the Northern Quarter, and Rusholme are the focus of the 'In Our Nature' programme. Resident groups have been established through local workshops run by Amity. The Arrowfield Estate decarbonisation project, being delivered in partnership with Southway Homes, has also been added into the In Our Nature project. In Our Nature Community Assembly sessions were rolled out over the summer, involving 5 local groups. Mandates were developed as part of these sessions, which will be presented to Councillors and Neighbourhood Officers late September. The outcome of this work will be taken to COP26 in November.

5.5 The Communications team have been working on updating content on the zero carbon pages of the Council's website, making sure the content is correct and up to date, working with the Zero Carbon Team to produce accessible reports for the website and working through a coherent structure for the web pages. A copywriter has been commissioned to support with the content creation.

5.6 Several roles at the Manchester Climate Change Agency (MCCA) have now been filled. A Policy & Strategy Lead commences in post from September and a new Director of the Agency will start on the 1st October. A Deputy Director will be recruited in the autumn. The total number of posts will increase to eight, with five posts being funded by the Council in 2021-22.

5.7 Manchester Climate Change Partnership (MCCP) launched their Net Zero Carbon New Build Policy Document this quarter, setting out a proposal for all new buildings in the city from 2023 to be zero carbon.

5.9 The Chair of the Environment & Climate Change Scrutiny Committee has written to the Greater Manchester Pension Fund regarding divestment. MCC representatives continue to engage in all relevant meetings at elected member and officer level.

5.10 Manchester is involved in a range of projects with the highest profile being the UK Cities Climate Investment Commission, which will report its findings at COP26. There is also ongoing engagement via Greater Manchester, the North West and directly with Glasgow.

5.11 Anthesis have been procured as part of the Zero Carbon Cities project to support the Council and MCCA to carry out the refresh of the Climate Change Framework 2.0 and develop Manchester's Implementation Plan for the Zero Carbon Cities project. The MCCA are managing a €10,000 budget allocated for delivery with the help of Envirolution. This small-scale action will be a series of community workshops to formulate a citizen's response to the climate emergency as part of the 'In Our Nature' programme. A workshop for Manchester stakeholders on Manchester's Integrated Action Plan was held in September.

Whilst the Grow Green projects continues, officers are looking more broadly at funding opportunities within the Horizon Europe Programme.

5.12 A draft high-level Green Skills Plan was developed in consultation with Greater Manchester Combined Authority and Local Green Skills Partnership Group. Early findings were reported into the MCCP. Further work continues to develop a tangible work programme and key performance indicators, which will inform the Work and Skills Strategy refresh.

Press Coverage July - September 2021:

Fallowfield Loop consultation/investment

06 July

About Manchester: Next stage of consultation over Fallowfield cycle route is launched

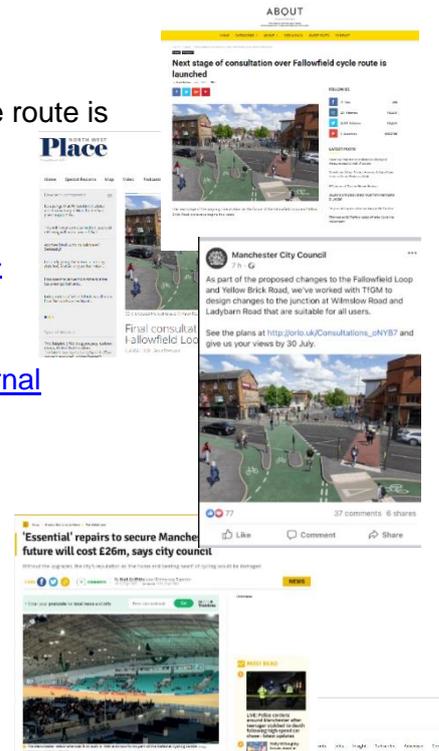
<https://aboutmanchester.co.uk/107282-2/>

Place North West: Final consultation on future of Fallowfield Loop

<https://www.placenorthwest.co.uk/news/final-consultation-on-future-of-fallowfield-loop/>

MCC Facebook page: Plans for the Fallowfield Loop

https://www.facebook.com/pg/mancitycouncil/posts/?ref=page_internal



National Cycling Centre

22 July

MEN: Essential repairs to secure Manchester Velodrome's future will cost £26m, says city council

<https://www.manchestereveningnews.co.uk/news/greater-manchester-news/essential-repairs-secure-manchester-velodromes-21117554>

Manchester Net Zero Carbon New Build Policy

26 August

Place North West: Manchester considers net zero new build rule by 2023

<https://www.placenorthwest.co.uk/news/manchester-considers-net-zero-new-build-rule-by-2023/>

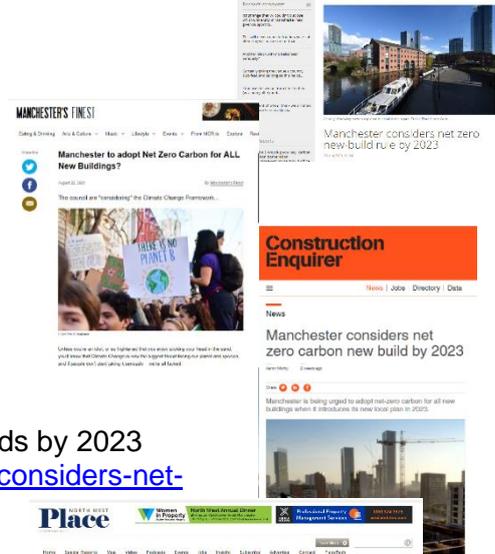
Manchester's Finest: Manchester to adopt Net Zero Carbon for ALL new Manchester buildings?

<https://www.manchestersfinest.com/articles/manchester-to-adopt-net-zero-carbon-for-all-new-buildings/>

27 August

Construction Enquirer: Manchester considers net zero new builds by 2023

<https://www.constructionenquirer.com/2021/08/27/manchester-considers-net-zero-new-build-by-2023/>



Social Housing

06 September

Place North West: Manchester City Council commits £15m low carbon investment to 300 homes in Newton Heath and Blackley

<https://www.placenorthwest.co.uk/news/manchester-commits-15m-to-make-council-homes-sustainable/>

07 September

About Manchester: £15m low carbon investment in 300 homes in Newton Heath and Blackley

<https://aboutmanchester.co.uk/15m-low-carbon-investment-in-300-homes-in-newton-heath-and-blackley/>



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Environmental Journal: Retrofitting of 300 homes in Manchester will begin next year

<https://environmentjournal.online/articles/retrofitting-of-300-homes-in-manchester-will-begin-next-year/>

MCC Facebook page: £15m investment in North Manchester

https://www.facebook.com/mancitycouncil/?hc_ref=ARSV_zOQGEwqb1WDnfb4XSQmlGro5LVWP9wfLOqGK4nkdZE6t6tKo6jF-Rvs621C5Yk&ef=nf&_tn_ =kC-R

Mayfield Park

12 September

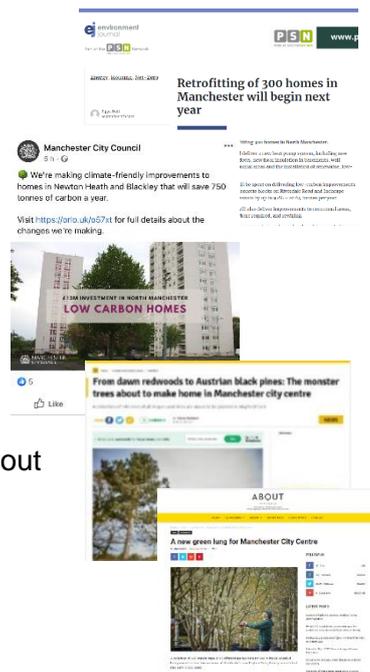
MEN: From dawn redwoods to Austrian black pines: The monster tress about to make home in Manchester city centre

<https://www.manchestereveningnews.co.uk/news/greater-manchester-news/dawn-redwoods-austrian-black-pines-21522111>

14 September

About Manchester, a new green lung for Manchester city centre

https://aboutmanchester.co.uk/a-new-green-lung-for-manchester-city-centre/?utm_content=&utm_medium=email&utm_name=&utm_source=govdelivery&utm_term=



RAG Rating at a Glance:

The actions in the following tables, that will deliver reductions in the Council's direct energy-related emissions have a specific Annual tCO₂ Saving Target. These actions are set to reduce emissions by 50% by 2025 (i.e. delivering a total annual reduction of over 15,000 tonnes) which is a headline commitment of the Action Plan. Detailed progress on emissions reductions is shown at the start of this report.

Workstream 1: Buildings & Energy

RAG	Action Summary	Deadline	Annual tCO ₂ Saving Target
1.1	MCC Estates carbon reduction programme	March 2025	4,800
1.2	Manchester Build Standard	December 2020	-
1.3	Buildings and Energy Strategy	April 2020	-
1.4	Large scale renewable energy generation	December 2020	7,000
1.5	LED street lighting	December 2020	220
1.6	Civic Quarter Heat Network	2021	1,600
1.7	Housing stock condition survey	2021	-
1.8	Northwards Housing	Tbc	Tbc
1.9	Commercial and non-domestic buildings	Ongoing	Tbc
1.10	Local Energy Plan for Manchester	April 2020	-
1.11	Leasing and disposing of Council buildings	April 2020	-
1.12	Manchester Local Plan	2023	-
1.13	Partnerships e.g., UKGBC	Ongoing	-

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Workstream 2: Travel & Transport

RAG	Action Summary	Deadline	Annual tCO ₂ Saving Target
2.1	Electric refuse collection vehicles	March 2021	900
2.2	Replace operational fleet with EVs	Ongoing	400
2.3	Travel policy for staff and members	April 2020	100
2.4	Cycling and walking networks	Ongoing	
2.5	Greater Manchester Transport Strategy 2040	Ongoing	
2.6	City Centre Transport Strategy	2020 & ongoing	
2.7	Aviation emissions and Manchester airport	Ongoing	Tbc
2.8	Sustainable travel incentives	Ongoing	

Workstream 3: Sustainable Consumption

RAG	Action Summary	Deadline	Annual tCO ₂ Saving Target
3.1	10% environmental weighting in procurement	September 2021	
3.2	Tyndall Centre findings on consumption emissions	December 2020	Tbc
3.3	Eliminate single use plastics in estates and markets	2024	
3.4	Supplier toolkit	December 2020	
3.5	Single use plastics in licensed activities	December 2020	
3.6	Manchester Food Board priorities	Ongoing	

Workstream 4: Adaptation & Sequestration

RAG	Action Summary	Deadline	Annual tCO ₂ Saving Target
4.1	Plant 1,000 trees 1,000 hedge trees 4 orchards pa	Ongoing	
4.2	West Gorton 'sponge park'	Ongoing	
4.3	Tree opportunity mapping assessment	December 2020	
4.4	Funding for beacon trees	March 2021	

Workstream 5: Catalysing Change

RAG	Action Summary	Deadline	Annual CO ₂ Saving Target
5.1	Carbon literacy	2025	
5.2	10% environmental weighting in procurement (see 3.1)	April 2020	
5.3	Carbon accounting in decision making	Ongoing	
5.4	Community engagement and ward plans	April 2020	
5.5	Citywide communications strategy	April 2020	
5.6	Fund Manchester Climate Change Agency	April 2020	
5.7	Support Manchester Climate Change Partnership	December 2020	
5.8	Large scale event with schools	June 2020	
5.9	Influence GM stakeholders to decarbonise	Ongoing	

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5.10	Play a part in COP26	November 2020	
5.11	International networks and projects	Ongoing	
5.12	Green Skills Plan	September 2020	
			15,020