



Overview and Scrutiny Climate Change Subgroup

Date: Tuesday, 22 October 2019
Time: 10.00 am
Venue: Level 2, Town Hall Extension

Everyone is welcome to attend this committee meeting.

There will be a private meeting for members of the Committee at 9:30 am in Committee Room 6, Room 2006, Level 2 of the Town Hall Extension.

Access to the Council Antechamber

Public access to the Council Antechamber is on Level 2 of the Town Hall Extension, using the lift or stairs in the lobby of the Mount Street entrance to the Extension. That lobby can also be reached from the St. Peter's Square entrance and from Library Walk. **There is no public access from the Lloyd Street entrances of the Extension.**

Membership

Councillors - Lyons, Shilton Godwin, Whiston, Wright, Flanagan, Jeavons and Kilpatrick

Agenda

- 1. Manchester City Council Climate Change Action Plan Update** 5 - 30
Report of the Strategic Lead Policy and Partnerships

The Council's existing Climate Change Action Plan 2016-20 sets out the actions that are required to deliver a 41% reduction in carbon emissions by 2020 from a 2009/10 baseline.

The Council is now working on the production of a new 5 year plan which will replace the existing 2016-2020 plan and will reflect the more ambitious target and recent Climate Emergency Motion. This report provides an update on the process that will be followed to produce a new plan.
- 2. Climate Emergency Declaration Response** 31 - 40
Report of the Strategic Lead Policy and Partnerships

In November 2018, the Council's Executive agreed to the establishment of science-based carbon reduction targets for Manchester which required the city to become net zero carbon by 2038. In July 2019 the Council declared a climate emergency. This report provides a brief update on the Council's response to the climate emergency declaration.
- 3. Climate Emergency and Community Engagement** 41 - 50
Report of the Strategic Director (Neighbourhoods) and the Strategic Lead - Neighbourhoods

In November 2018, the Council's Executive agreed to the establishment of science-based carbon reduction targets for Manchester, which required the city to become net zero carbon by 2038. In July 2019, the Council declared a Climate Emergency. The declaration was explicit about the Council working with residents / other partners at a neighbourhood level, to ensure they are proactively involved in achieving this target.

This report provides a summary on progress to date, and building on this momentum, outlines further actions that communities, Officers, Members and other partners, want to work on together to help reduce carbon. Building capacity to accelerate action at a neighbourhood level is key, as well as embedding priority actions in neighbourhood based Ward Plans.
- 4. Terms of Reference and Work Programme** 51 - 54
Report of the Governance and Scrutiny Support Unit attached

To review the Terms of Reference and Work Programme of the Subgroup.

Further Information

For help, advice and information about this meeting please contact the Committee Officer:

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This agenda was issued on **14 October 2019** by the Governance and Scrutiny Support Unit, Manchester City Council, Level 3, Town Hall Extension (Mount Street Elevation), Manchester M60 2LA

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**Manchester City Council
Report for Information**

Report to: Climate Change Sub Group – 22 October 2019

Subject: MCC Climate Change Action Plan Update

Report of: The Strategic Lead Policy and Partnerships

Summary

The Council's existing Climate Change Action Plan 2016-20 sets out the actions that are required to deliver a 41% reduction in carbon emissions by 2020 from a 2009/10 baseline. The latest data shows that the Council's direct emissions have reduced by 48.1% from a 2009/10 baseline. The latest annual action plan update is attached as an appendix and was reviewed by the Neighbourhoods and Environment Scrutiny Committee in July 2019. The qualitative action plan update and direct emissions data are updated annually at present as some of the actions do not progress significantly on a quarterly basis and much of the data is lagged and fluctuates seasonally. Some of the priorities within the existing action plan are still being delivered and won't be completed until 2020 or later including the Civic Quarter Heat Network which is currently in the construction phase and the £10 million Carbon Reduction Programme to improve energy efficiency in 13 Council buildings which received capital expenditure approval on 10 October 2019.

In November 2018, the Council's Executive agreed to the establishment of science-based carbon reduction targets for Manchester which required the city to become net zero carbon by 2038. As such, the Manchester Climate Change Board (MCCB), along with the city council and several other organisations in the city committed to developed a zero carbon action plan to be approved by the Council in March 2020

The Council is now working on the production of a new 5 year plan which will replace the existing 2016-2020 plan and will reflect the more ambitious target and recent Climate Emergency Motion. This report provides an update on the process that will be followed to produce a new plan.

Recommendations

The Sub Group are asked to note the progress and approach to developing a new 5 year action plan for the city.

Wards Affected: All

Environmental Impact Assessment - the impact of the issues addressed in this report on achieving the zero-carbon target for the city

The new Climate Change Action Plan will set out the Council's actions over the next 5 years to progress towards a zero carbon city.

Manchester Strategy outcomes	Summary of how this report aligns to the OMS
A thriving and sustainable city: supporting a diverse and distinctive economy that creates jobs and opportunities	The transition to a zero carbon city will help the city's economy become more sustainable and will generate jobs within the low carbon energy and goods sector. This will support the implementation of Manchester's emerging Local Industrial Strategy.
A highly skilled city: world class and home grown talent sustaining the city's economic success	Manchester is one a small number of UK cities that have agreed a science based target and is leading the way in transitioning to a zero carbon city. It is envisaged that this may give the city opportunities in the green technology and services sector.
A progressive and equitable city: making a positive contribution by unlocking the potential of our communities	Transitioning to a zero carbon city can help to tackle fuel poverty by reducing energy bills. Health outcomes will also be improved through the promotion of more sustainable modes of transport and improved air quality.
A liveable and low carbon city: a destination of choice to live, visit, work	Becoming a zero carbon city can help to make the city a more attractive place for people to live, work, visit and study.
A connected city: world class infrastructure and connectivity to drive growth	A zero carbon transport system would create a world class business environment to drive sustainable economic growth.

Contact Officers:

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Background documents (available for public inspection):

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

Manchester Climate Change Annual Report 2019
Playing Our Full Part: How Manchester's Residents and Businesses can benefit from Ambitious Action on Climate Change 2018
Manchester Climate Change Strategy 2017-50

Manchester Climate Change Strategy Implementation Plan 2017-22

Manchester: A Certain Future Annual Report 2018

Manchester City Council Climate Change Action Plan 2016-20

Manchester Zero Carbon 2038, Manchester City Council's Commitment, March 2019

1.0 Introduction

- 1.1 This paper summarises the approach that is being taken to deliver a new Climate Change Action Plan for the Council. The plan will include the actions required to support the Council and the city to reach the first milestones on the path to zero carbon. The plan will cover the period 2020-25 which will coincide with the end of the current Our Manchester Strategy.

2.0 Background

- 2.1 In November 2018, the city worked with the Tyndall Centre for Climate Change Research at the University of Manchester to develop carbon emission reduction targets to ensure that we played our full part in reaching the UKs commitment to the Paris Agreement. As such, the city and the Council adopted a science-based carbon budget and committed the city to becoming zero carbon by 2038 at the latest.
- 2.2 In March 2019, the Council endorsed the draft Manchester Zero Carbon Framework as the city's overarching approach to meeting its science-based climate change targets to 2038, as part of the wider Our Manchester policy framework. This report also included draft action plans from a range of organisations who are members of the Manchester Climate Change Board and are collectively responsible for 20% of the city's emissions. These organisations, including the Council, have committed to become zero carbon by 2038 and will be producing final action plans for approval by Executive in March 2020.
- 2.3 In July 2019 Manchester City Council declared a climate emergency. This declaration recognised the need for the city to do more to reduce its carbon emissions and mitigate the negative impacts of climate change. A separate report on the progress to deliver the motion is also being considered by the Sub Group.

3.0 Carbon Reduction Target for 5 year plan

- 3.1 A significant amount of local and national coverage of climate emergencies has focussed on the commitments to become zero carbon by a specific end date. As mentioned above, Manchester has a clearly defined science based approach to establishing a carbon budget for the city which requires urgent action. The new action plan is an opportunity to reemphasise the need for urgent action.
- 3.2 The new action plan will establish a shorter term target for the Council which will replace the existing target from the previous action plan. This target is currently being determined and will also be informed by the refreshed Tyndall Centre analysis. The new target will be ambitious and is likely to require a halving of the Council's direct CO² emissions within the next 4-5 years. The challenge of delivering this saving should not be underestimated and there needs to be a substantial programme of investment and delivery across the Council's operational estate.

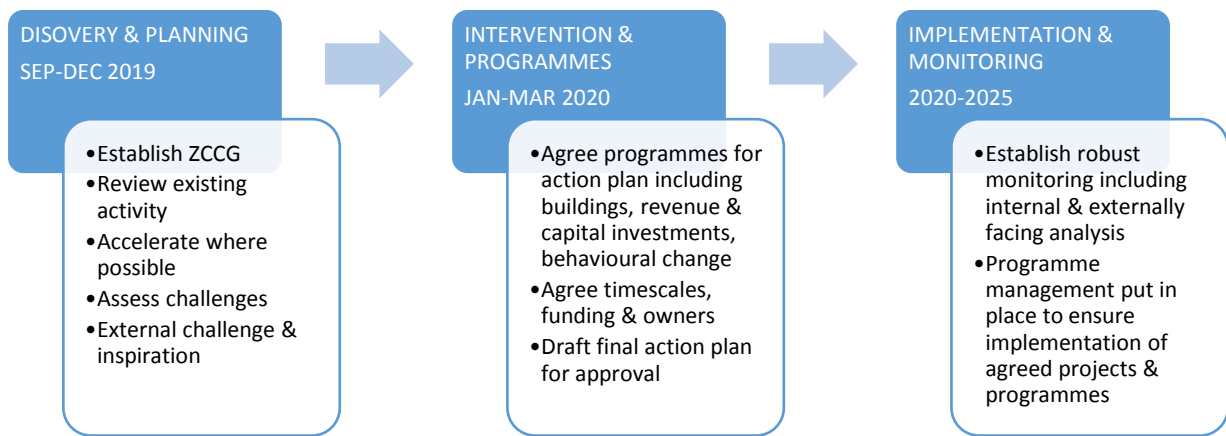
4.0 Scope of plan

- 4.1 The new action plan will recognise the dual role the Council has which encompasses reducing the Council's own direct CO² emissions but also influencing the city's emissions through all available policy levers.
- 4.2 The plan is still in its early stages of development but is likely to broadly follow the structure that has been established by the Zero Carbon Coordination Group (ZCCG). The 4 themes that are being focused on are: Decision making, policies and standards; Investment and delivery; Catalyst for change; and External influence.

5.0 Process for developing the plan and key milestones

- 5.1 The ZCCG will oversee the development of the action plan with input from Strategic Management Team and officers from across the organisation. Input from a range of workshops will also be incorporated including the workshops which were held at the 14 October Leadership Summit.
- 5.2 Best practice from other partners in the city is also being included in the development of the action plan and external inspiration and challenge is now a standing item at the ZCCG. Northwards and Southways have been approached to present their draft action plans and discussions have taken place with Bruntwood and Manchester Metropolitan University about sharing their learning in relation to their operational estates.
- 5.3 Clearly, input from the Climate Change Sub Group will also help to inform the development of the action plan. At present a draft of the action plan is scheduled for discussion at the February 2020 Neighbourhoods and Environment Scrutiny Committee but this may be reviewed following the establishment of the Sub Group.
- 5.4 The final version of the action plan will be approved by the Council's Executive in March 2020 and will then become part of the final citywide framework which will include action plans from organisations responsible for approximately 20% of the city's emissions.
- 5.5 A high level process map showing the key phases of development, implementation and monitoring is set out in figure 1 below.

Figure 1: Climate Change Action Plan Draft Timeline



6.0 Recommendations

- 6.1 The Sub Group are asked to note the progress and approach to developing a new 5 year action plan for the city.

Action	Further Detail and Milestones	Responsibility	Completion date	Total Estimated CO ₂ savings (tonnes) to 2020	Quarter 4 Update	RAG Rating Q4	Annual Update 2018/19	RAG Annual Update 2018/19
INTERNAL (MCC) DIRECT CO₂ EMISSIONS								
ENERGY								
1. Deliver the Street Lighting LED replacement programme	<ul style="list-style-type: none"> 2016/17: Procurement complete and first phase of installation commences. Installation figures set as milestones* (see below) 12 months - 12,000 18 months - 23,000 24 months - 34,000 30 months - 45,000 36 months - 56,625 2019/20: Installation complete by - September 2019 <p>* subject to change as subject to contract negotiations which are currently taking place.</p>	Commercial Director	2019/20	8,400 tonnes	<p>Total units now installed is 13,725. 100% compliance with independent verifier.</p> <p>Milestones remain the same as 12 month milestone has already been met by 7th Month of installation.</p>	Green	<p>Total units installed to March = 37,204.</p> <p>100% compliance with Independent Verifier</p> <p>Three year programme on trace to be complete by the end of 2020.</p>	Green
2. Deliver the Civic Quarter heat network	<ul style="list-style-type: none"> 2015/16: Project procurement complete and preferred bidder appointed 2019: Construction commences 2020*: Construction complete and heat network operational <p>*Please note: The original construction completion date was incorrectly stated to be 2018/19. This has been corrected to 2019/20</p>	Director, Capital Programmes & Property	2020	2,238 tonnes	<p>May/June 2019 – construction begins.</p> <p>2020 – Construction complete (Completion date December 2020).</p>	Green	<p>Project agreement signed in quarter 3 2018/19.</p> <p>Current project status is in line with contracted programme.</p>	Green
BUILDINGS								

3. MCC Estate Transformation Programme	<p>The Estates Transformation programme will consist of various actions undertaken to reduce emissions from the MCC operational Estate. These will include:</p> <ul style="list-style-type: none"> ● <u>2016/17</u>: Explore the opportunity of using a variety of finance models to make energy efficiency improvements to the buildings estate. ● <u>Ongoing</u>: use completed stock condition surveys to inform Asset Management Programme which details where carbon savings will be made 	MCC Estates Board and Head of Client Relationships, Strategic Development Directorate	Ongoing	5,900 tonnes	Investment Grade Proposal developed detailing the energy conservation measures to be delivered across 15 of the authorities buildings. Works to begin Q3 2019.	Green	<p>Completed the procurement of an Energy Services Company to work in partnership with MCC to design-deliver energy efficiency work across the corporate estate. Delivered detailed audits of a wide range of buildings from the corporate estate to identify the most suitable opportunities for investment in terms of carbon saved and financial payback.</p> <p>Town Hall has been vacated ready for renovation, partial restoration and refurbishment, with proposals including measures to reduce carbon emissions considered.</p> <p>Hulme District Office refurbishment delivered throughout 18/19 due to be completed in Q1 2019. This will include the largest array of solar panels in the estate so far. Alexandra House has been vacated ready for comprehensive refurbishment, which will include measures to reduce carbon emissions.</p>	Green
4. MCC Estates Rationalisation Plan	<ul style="list-style-type: none"> ● <u>2016/17</u>: Development of an Estates Rationalisation Plan. ● <u>Ongoing</u>: Continue to undertake rationalisation of identified council buildings whilst calculating carbon savings. 	MCC Estates Board and Head of Client Relationships, Strategic Development Directorate	Ongoing		See update under no.3	Green	MCC continues to rationalise buildings as part of a wider estates management programme. Wherever possible, the carbon reduction impacts of this are considered at the decision making stage. For example Hulme District Office has recently been refurbished and reopened. The refurbishment included new LED Lighting, Solar PV amongst other improvements. This has enabled MCC to close older less efficient buildings. This project has also provided accommodation for some staff who were based at Alexandra House. This building has now been closed to enable another full refurbishment.	Green
5. Where financially viable implement suggested actions from Energy Audits and evaluate impact on energy consumption and carbon emissions	<ul style="list-style-type: none"> ● <u>2016/17</u>: Implement 'quick win' actions from energy audits carried out at Wythenshawe Forum, Gorton Cross Market, Arndale New Market, Manchester Art Gallery, Sharpe Project and Hall Lane Resource Centre ● <u>2017/18</u>: Undertake cost benefit analysis of longer term energy audit savings to determine in 	MCC Estates Board and Head of Client Relationships, Strategic Development Directorate	2017/18		See update under no.3	Green	See update under no.3	Green

	implementation is viable.							
6. Deliver carbon savings from the MCC operational estate. Leisure Facilities	<ul style="list-style-type: none"> ● <u>2016/17</u>: Explore the opportunity of using a variety of finance models to make energy efficiency improvements to the leisure estate. ● Develop a reporting process which demonstrates emissions per visitor number. ● <u>2017/20</u>: Implement any identified energy efficiency across the leisure estate where appropriate. ● <u>Ongoing</u>: Work in Partnership with GLL and Eastlands Trust to deliver Environment and Energy Plans for their sites. 	Head of Community and Cultural Services	Ongoing		See update under no.3	Green	The refurbishment of Moss Side Leisure Centre has been completed, including works to increase the buildings efficiency and reduce carbon emissions. Other leisure facilities are being considered as part of the Carbon Reduction Management Programme.	Green
7. Develop and deliver a MCC Operational Buildings Carbon Reduction Plan	<p>Use data from the returned Stock Condition Surveys, the Estates Transformation Programme & Rationalisation Plan and energy audits to produce a MCC Operational Buildings Carbon Reduction Plan that sets carbon savings from specific building activities. This will enable us to:</p> <ul style="list-style-type: none"> ● Assess progress on a quarterly and annual basis to 2020 target for carbon reductions arising from the above activities. ● Understand any 'gap' in meeting the carbon reduction target and to formulate options for further reductions to achieve the target. 	MCC Estates Board and Head of Client Relationships, Strategic Development Directorate	Ongoing	N/A	See update under no.3	Green	See update under no.3	Green

	<ul style="list-style-type: none"> Effectively monitor and evaluate buildings projects and programmes to determine key activities that contribute to carbon savings and enable replication of best practice 							
8. Ways of working	<p><u>Ongoing:</u></p> <ul style="list-style-type: none"> The MCC Estate Board will continue govern the buildings carbon reduction plans to 2020 and beyond and identify resource for actions as required Ensure that carbon reduction activities are embedded in the day to day management and running of buildings to secure further carbon savings Work in partnership with GMCA to access funding mechanisms 	MCC Estates Board and Head of Client Relationships, Strategic Development Directorate	Ongoing	N/A	See update under no.3	Green	See update under no.3	Green
OTHER								
9. Zero Carbon Manchester 2050	Work with MACF and the Our Manchester Forum to develop a process to ensure that we are zero carbon by 2050	Head of Policy, partnerships and Research	2020	N/A	The Greater Manchester Green Summit was held on 21st March and was attended by over 400 people. Under the broad pledge to ensure Greater Manchester achieves 'carbon neutral' status by 2040 at the latest, the Greater Manchester Mayor's Office confirmed a host of new targets on green buildings, plastic waste, and	Green	<p>In November 2018, the Manchester Climate Change Board (formally MACF) made a proposal to update the city's carbon reduction commitment in line with the Paris Agreement, in the context of achieving the "Our Manchester" objectives. The Council endorsed these new objectives and adopted a science-based carbon budget, developed by the Tyndall Centre for Climate Change Research, and committed the city to becoming zero carbon by 2038.</p> <p>Manchester's carbon budget is broken down into short, medium and long term allocations. Each carbon budget outlines the emissions not to be exceeded for each period, in order to ensure that Manchester meets its overall emission reduction commitments to 2038. These budgets are front loaded with more than 50% of the total reductions required in the short term; this highlights the scale of the challenge ahead. The reductions required for the remaining years to 2038 gradually decrease.</p> <p>Since committing to the new target, the Manchester Climate Change Agency (MCCA) and Board has been working with a range of organisations across the city to develop action plans from 2020-2022.</p> <p>For further information on citywide climate change activity please see the Annual Report http://www.manchesterclimate.com/progress</p>	Green

				<p>transport. The Summit included a “plastic free” Greater Manchester pledge by the events and tourism industry to remove single use plastics by 2020. GMCA, The Tyndall Centre, and consultancy Anthesis Group unveiled a new UK city-focused low carbon pathway model, dubbed SCATTER or Setting City Area Targets and Trajectories for Emissions Reduction</p> <p>The Manchester Climate Change Board convened its second meeting on 17th April. This was to more closely align and to inform the requirements of the Climate Change Agency’s work programme with the Board’s commitments going forward.</p> <p>The city’s third Climate Change Conference will be held at the Royal Exchange Theatre on 17th July.</p> <p>Manchester was successful in submitting a stage 1 bid to URBACT for</p>		
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					the city to be a Transfer Network, following on from the "Good Practice" award for the sustainability achievements of the city's arts and culture organisations. Phase 1 will run until 4th October with an additional 24 months until 2020 on successful completion of the Phase 2 application.			
CITYWIDE CLIMATE CHANGE ACTION: PROJECTS AND PROGRAMMES								
10. Reduce citywide carbon emissions by 41% by 2020.	<ul style="list-style-type: none"> Support MACF in the delivery of city wide climate change objectives and projects where appropriate. 	MACF	2020	N/A	See update under 9	Green	<p>The MCCA Annual Report for 2018 show that emissions across the city fell from 2.07MtCO₂ in 2017 to 1.97 MtCO₂ in 2018; a 5% reduction. As such in 2018 the city achieved a 40% reduction against the 41% target and is now projected to achieve the 41% reduction in carbon emissions by 2020.</p> <p>For further information on citywide activity please see update no. 9 above.</p>	Green

11. Reduce citywide emissions from domestic buildings	<ul style="list-style-type: none"> • Work with the GM Low Carbon Hub to support residents to reduce domestic CO₂ emissions. 	MACF Buildings Group	2016-20	N/A	<p>The 'Basics' Working Group of the Family Poverty Strategy have been discussing a place-based fuel poverty pilot. There are also discussions taking place between partners about the possibility of undertaking a Horizon 2020 fuel poverty project across the city.</p> <p>The LEAP Project continues to deliver energy efficiency measures to Manchester residents.</p> <p>The Disabled Facilities (DFG) has been used to fund emergency heating grants since October 2017. To date, 35 Emergency Heating Grant cases have been approved with a total spend of £96,359</p> <p>In addition 34 Home Improvement grants, for works such as roof repairs, windows, doors, damp works and rewires, have been approved and paid from DFG to low income householders with health conditions.</p>	Green	<ul style="list-style-type: none"> • MCC has worked with GMCA, to implement a Warm Homes Fund scheme across Greater Manchester. The scheme helps people in or at risk of falling into fuel poverty and is targeted at households that do not currently have a central heating system. • The Local Energy Advice Partnership (LEAP) scheme offers an outreach service to low income and vulnerable households of all tenures. It provides home energy advice visits, income maximisation advice, some simple energy efficiency measures (e.g. draught excluders, LED light bulbs) plus onwards referral for larger energy efficiency measures via Energy Company Obligation (ECO). • The Emergency Central Heating Offer (ECHO) scheme provides ECO-eligible homeowners whose gas boiler has broken down with a fully-funded emergency repair or replacement. <p>Work to improve the energy efficiency of social housing via Northwards Housing ALMO includes:</p> <ul style="list-style-type: none"> • Loft Insulation – 802 properties topped up from less than 200mm to 300mm • Cavity Wall Insulation – 1 • External Wall Insulation - 12 • Boiler Replacement – 297 • Low energy lighting to communal areas – 21 blocks <p>MCC has provided Home Improvement Assistance in the form of loans and grants to private homeowners, in order to fund energy saving measures and to support homeowners in fuel poverty. Since April 2017, the following assistance has been provided:</p> <ul style="list-style-type: none"> • Home Energy Efficiency Loans - 67 • Emergency Heating Grants - 116 	Amber
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12. Reduce citywide emissions from energy: Energy Company	<ul style="list-style-type: none"> Support the Greater Manchester Combined Authority to identify new mechanisms, including options for Manchester and Greater Manchester-level solutions; agree the preferred option(s); continue to share information with Core Cities, including on the establishment of Energy Service Companies. 	Head of Policy, Partnerships and Research	2015/16	Subject to outcome of work with GMCA	Options for a GM Energy company will be reviewed by the Greater Manchester Combined Authority during the next quarter.	Amber	<ul style="list-style-type: none"> At the Greater Manchester Green Summit 2019 it was accepted that GM needs a 'whole system' transformation to meet the 2019- 2024 targets in new green energy generation, storage, efficiency and combined transport infrastructure with smart IT energy systems. Key recommendation proposed to GM by Energy Systems Catapult include <ul style="list-style-type: none"> The expansion of local area energy planning and for GM to be an Energy Transition Region Investment to support a GM Energy Innovation Company. Establish an Energy Innovation Company <p>In 2019 GM published its 5 year Environment Plan. The plan includes several actions relating to the city region's energy supply and priorities have been identified as:</p> <ul style="list-style-type: none"> Increasing local renewable electricity generation Decarbonising how we heat our buildings Increasing the diversity and flexibility of our electricity supply. <p>For further detail on the actions that will be implemented please see https://www.greatermanchester-ca.gov.uk/what-we-do/environment/</p>	
13. Reduce citywide emissions from energy: Identify and develop additional heat network clusters in Manchester	<p><u>2016/17</u></p> <ul style="list-style-type: none"> Complete master planning for heat network opportunities at Piccadilly Station (Network Rail). Commence delivery of regional level project development with Salford and Trafford. Commercial support (GM Low Carbon Project Development Unit) provided to St Johns scheme being developed by Allied London. <p><u>2017/18 onwards</u></p> <ul style="list-style-type: none"> Development of detailed business cases for above projects, moving into delivery. Identification and investigation of further cluster opportunities. 	Strategic Director, Strategic Development	2016-20	To be determined subject to outcome of feasibility studies and funding applications	<p>St Johns: Recently DBEIS have confirmed that they are happy to extend the draw-down of the loan from May 2018 to May 2019 – however in order to do this they will need some sort of commitment from MCC that they intend to progress (on-lend to the project). This confirmation is yet to be formally provided.</p> <p>Corridor: The OPEN DPD study kicked off in October 2017 and was due for completion in May/June 2018. The stakeholder engagement process has been</p>	Amber	MCC had an agreement with Aecom to deliver a Detailed Programme Development and Business Plan Study. However, this contract was amicably terminated in April 2019 due to various issues around the delivery of the work and a challenge on the scope of work. This work will be recommissioned in May 2019 by the GMCA. Work was re-scoped to include a greater emphasis on stakeholder engagement and is now scheduled to be completed in late 2019.	Amber

					challenging, and so the study end date is likely to need to be pushed back to circa October 2018. The MCC/Aecom contract may need to be amended to reflect this. Northern Gateway: No further update this quarter.			
14. Deliver the Triangulum smart cities project	<ul style="list-style-type: none"> ● 2015/16: Commence delivery of the Triangulum Smart Cities project; ● Produce overall project plan and detailed technical feasibility studies for energy and mobility. ● 2016/18: Commence installations: <ul style="list-style-type: none"> – Energy optimisations at Manchester Art Gallery and Ellen Wilkinson (UoM) – Installation of renewable technologies at Birley Fields campus.(MMU) – Installation of PV panels on Ellen Wilkinson (UoM) and Birley Fields (MMU) – Development of a central energy control system with MMU, UoM , MCC. – Replacement of Diesel estate fleet with EVs at MMU and UoM. – Trial use of electric assist cargo bikes as part of estate vehicle fleet at MMU and UoM. 	Head of Policy, Partnerships and Research	2015-20	<p>Targets include:</p> <ul style="list-style-type: none"> ● Art Gallery: 15% reduction in CO₂ emissions. ● Ellen Wilkinson: 15% reduction in CO₂ emissions. ● Birley Fields: Generation of 1500 megawatt hours of renewable energy. ● Generation of 65,000 KWh / annum of electricity from PV's. 	<ul style="list-style-type: none"> ● Energy Optimisation scheme at Manchester Art Gallery complete. ● Solar PV panels at MMU Brooks Building have generated 132,640 kwh and estimated carbon savings 37 tCO₂e between Feb 2018 - Jan 2019. ● Central Energy Control system continues to operate at MCC. ● Electrical Energy Storage installed at MMU Birley Campus - see update. ● UoM Electric Vehicles have travelled 15,273 km and saved an estimated 1.8 tonnes CO₂e between Feb 2018 - Jan 2019. ● MMU Electric Vehicles have travelled 45,448 	Green	<ul style="list-style-type: none"> ● Manchester Art Gallery - Snagging issues arose with energy optimisation. Siemens have carried out extensive work to ensure system is performing to maximum efficiency. ● MMU Solar panels continue to operate. ● The Energy Storage Solution (EES) (i.e. battery) installation at MMU has been delayed in activation due to a change in requirements for grid connection during the period of its implementation. New regulations were introduced mid project in early 2019. ● UoMs and MMU's EVs continue to be fully operational. ● MCC has been supported to purchase four EVs (3 vans and 1 car) in March 2019. These are now with facilities management and the environmental protection teams. Data is being collated from the vehicles. ● The eCargo bike "try before you buy" scheme is continuing. 	Amber

					<p>km and saved an estimated 5.4 tonnes CO2e between Feb 2018 - Jan 2019.</p> <ul style="list-style-type: none"> • Triangulum Electric – assist cargo bikes been hired for the equivalent of between Feb 2018 - Jan 2019. 			
15. Work with Transport for Greater Manchester to deliver a range of citywide transport improvements	<p>A large number of projects are in development and delivery, with further information available from www.tfgm.com.</p> <p>Priority projects include:</p> <ul style="list-style-type: none"> • Delivery of new Metrolink extensions; • New delivery models for bus services linked to the Bus Services Bill; and • Smarter choices activity aimed at delivering behaviour change. 	Head of Policy, Partnerships and Research	Ongoing	To be quantified where possible	<p>The Bus Services Act came into force in April 2017 and will potentially enable the introduction of bus reform and the deregulation of buses. The Mayor's Office is taking this project forward.</p> <p>In November 2017, Mobike relaunched their dockless cycle hire scheme to improve the availability of Mobikes within the City Centre, including at the Mobike Preferred Locations (MPLs).</p>		<p>Work commenced in 2016 on a 5.5km Trafford Park extension to the Metrolink network. This extension will include an additional six stops and is due to be completed in 2020. A business case is currently being developed for further extension at the Airport known as the 'Western Loop'.</p> <p>TfGM operate the GM Electric Vehicle (GMEV) network of public charging points for electric vehicles within GM. The current GMEV network includes 318 charging points and has a membership of 2,526 (March 2019). TfGM are due to award the contract in July for a GMEV Electric Vehicle Charging Infrastructure Supplier and there is a commitment to install 48 additional rapid chargers as part of the expanding network in 2019.</p> <p>TfGM are developing proposals to tender for a Greater Manchester wide car club contract which would reduce the need for car ownership for residents. This contract is due to be awarded in 2020.</p> <p>The Bus Services Act came into force in April 2017 and will potentially enable the introduction of bus reform and the deregulation of buses. The Greater Manchester Mayor's Office is taking this project forward.</p> <p>In September 2018 Mobike permanently suspended their dockless cycle hire scheme. Since this time TfGM have been considering different options to provide a new bike hire scheme within the city. It is anticipated that this scheme will be in place by spring 2020.</p> <p>The 'Made to Move' document was published by the Greater Manchester's Cycling and Walking Commissioner at the end of 2017 which sets out the steps that are needed to develop a culture of cycling and walking. Following this a 'Bee Network' map was published for consultation in the summer of 2018 and is due to be republished in the summer of 2019 after TfGM have considered all the comments received. The map will evolve over time but aims to lead to the development of schemes that remove barriers to, and makes it easier for, walking and cycling. Funding for these schemes is currently available through the Mayor's Challenge Fund.</p>	Green
16. Work with partners to increase access in the city to	<ul style="list-style-type: none"> • The work of the Food Board is to be transitioned to an independent body 	Julie Jerram, Programme Lead, Population	New Provider to start in June	N/A	The Food Board did not meet in Q4. It will reconvene in 2018/19 when new	Green	In 2018/19 activity has been carried out to progress the transitioning of the work of the Food Board to an independent body. As such a mapping, consultation and review exercise has been carried out. This will be followed by the production of a report which will outline strategic recommendations to the Board. A new Board has been identified	Green

sustainable food.	during 2019/20. In preparation for this, Manchester Health and Care Commissioning are commissioning a Food Board Manager to take over the work of the food board and to carry out consultation, mapping and review.	Health and Wellbeing Team.	2018 for 12 months		provider is appointed. A full review of the work of the food board and delivery of the food programme will be carried out in 2018/19.		and is awaiting approval to progress with convening its first meeting and establishing the necessary governance structure.	
17. Sustainable events	<ul style="list-style-type: none"> ● <u>2016/17</u>: Continue to build on work to date to understand and improve the environmental performance of MCC events, establish a plan for embedding sustainability throughout the Council's events activities; refresh the Green Events Guide ● <u>2017/18</u>: Implement the sustainable events plan 	Head of Events	Ongoing	To be quantified where possible	No significant development in the last quarter but advancement to be made in Q1 of 18/19	Amber	<p>Refresh of Green Events Guides completed draft stage to include a suite of seven guides covering Major Outdoor Events, Small Outdoor Events, Community Events, Indoor Venues, Production Suppliers, Food & Drink Traders, Waste & Cleansing Suppliers. The design of the guides and integration to the MCC website will begin in Q1 2019/20 followed by dissemination to stakeholders</p> <p>The Manchester Arts Sustainability Team network were engaged in this process and their input incorporated into the guides.</p> <p>Outdoor Major Events Production Framework procurement carried out (estimated value £210k per annum) and including social value analysis aligned with the requirements of the Sustainable Events Guides content. Ongoing work to be undertaken with suppliers to achieve best social value from the Framework</p> <p>Key element of Sustainable Events Plan continued: development of Manchester Day sustainability principles. Engagement with key suppliers including event producer on this annual event to increase participant and audience engagement on environmental impact. External assessment of event taking place in summer 2019 will be carried out. Key learnings to be disseminated to events by the end of 2019/20.</p>	Green
18. Green and Blue Infrastructure	<ul style="list-style-type: none"> ● Continue to Work with a range a partners across the city to coordinate and deliver the Manchester Green and Blue Infrastructure Strategy and a range of Green and Blue projects. 	Head of Policy, Partnerships and Research	Ongoing	To be quantified where possible	<p>Support the development and update G&B Implementation Plan - progress highlights include:</p> <ul style="list-style-type: none"> ● Annual GI update to Manchester City Council's Neighbourhoods and Environment Scrutiny provided in January 2018. ● Ongoing development of 	Green	<p>Support the development and update G&B Implementation Plan - progress highlights include:</p> <ul style="list-style-type: none"> ● In 2018 the Manchester GI Strategy won a national award from the Chartered Institute of Ecology and Environmental Management (CIEEM). The Strategy was recognised as a national exemplar, winning the Knowledge Exchange category. ● £5million was secured by GMCA to develop a pipeline of investable GI Projects over three years. Manchester is one of the pilot cities involved. ● The Wildlife Trust, supported by the Council successfully bid for funding from the Esmee Fairburn foundation. The project will deliver, a four year programme of citywide community engagement and biodiversity activity. ● New Principles of Tree Management for the City were adopted in January 2019. <p>Development of Community environmental projects including:</p> <ul style="list-style-type: none"> ● 'Protecting Playgrounds' a research project looking at air quality around schools was approved. ● An outline Masterplan and community engagement programme was delivered as part of the Grow Green project in West Gorton looking at Nature based solutions to combat Climate Change 	Green

					<p>Natural Course project - Ecosystem Services along the Medlock Valley tendered.</p> <ul style="list-style-type: none"> • Supporting bid for Biodiversity Strategy refresh submitted. • Delivery of Manchester GBI Group meeting <p>Development of Community environmental projects including:</p> <ul style="list-style-type: none"> • Hulme Ecosystem Services work - 4933 trees planted in Season 2017/18 <p>Support the development of GBI research as per Implementation plan including:</p> <ul style="list-style-type: none"> • Launch of My Back Yard Project • Ongoing delivery of GHIA project • Facilitation of visit to Manchester from Natural England Policy team. 	<ul style="list-style-type: none"> • 2994 trees were planted including 3 orchards and 582 hedge trees in the 2018/19 planting season. • Manchester won 154 Awards at the 2018 NW in Bloom Awards <p>Support the development of GBI research as per Implementation Plan including:</p> <ul style="list-style-type: none"> • Completion of Nature of Manchester GI Appraisal • Completion of Nature of Hulme Ward Level Action Plan • Ongoing delivery of GHIA project which is looking at the effect of GI on an ageing population <p>For further information please see the G&BI Action Plan Review 2018 https://democracy.manchester.gov.uk/ieListDocuments.aspx?CId=148&MId=267&Ver=4</p>		
19. Participate in the Core Cities Adaptation Group to help adapt the city to climate	<ul style="list-style-type: none"> • Work with Core Cities where relevant to review MCC Business Plans in term of preparedness for climate change. 	Head of Policy, Partnerships and Research	Ongoing	N/A – enabling action	Work is ongoing, supporting the Core Cities adaptation sub group, sitting on DEFRA's Local Adaptation	Green	Activity of the Core Cities Adaptation Group has reduced dramatically largely due to limited resources available. MCC continues to deliver projects with adaptation benefits through the Manchester Green and Blue Infrastructure Strategy. For further information please see https://democracy.manchester.gov.uk/ieListDocuments.aspx?CId=148&MId=267&Ver=4	Amber

change, including identification and delivery of actions for MCC					Advisory Panel and will be influencing the local government element of the next national adaptation plan, due out summer 18.			
20. Embedding carbon reduction objectives in policy-making	<ul style="list-style-type: none"> Manchester Strategy 2015-25: work with the Our Manchester Forum to implement the Manchester Strategy 2015-25, including defining how the city will transition to a low carbon economy, and establishing the required performance management framework to monitor progress against the strategy's priorities Manchester Local Plan: establish the preferred approach for the review and update of Manchester's Local Plan, including links to the work of the GMCA on the GM Spatial Framework 	Head of Policy, Partnerships and Research	2015/16	N/A – enabling action	No further update this quarter	Green	<p>Greater Manchester has published its draft Local Industrial Strategy which is jointly owned with HM Government. The strategy highlights GMs ambition to “achieve carbon neutral living by 2038 by launching the UKs first city-region Clean Growth Mission.” It is recognised that there is significant opportunity to deliver substantial carbon reductions, environmental and health benefits to residents, whilst also creating new green industries and jobs capitalising on Greater Manchester’s research assets and large low carbon goods and services sector.</p> <p>https://www.greatermanchester-ca.gov.uk/what-we-do/economy/greater-manchester-independent-prosperity-review/</p> <p>The review of the Manchester Local Plan will address key challenges of the city including:</p> <ul style="list-style-type: none"> Climate change and the 2038 zero carbon commitment Delivery of homes and employment Provision of critical infrastructure to support growth. <p>Timescales for the completion of the plan are</p> <ul style="list-style-type: none"> Various stages of consultation between autumn 2019 and summer 2021 Submission of the plan to the Secretary of State by Winter 2021 Adoption of the plan by 2023 	Green

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**MANCHESTER
CITY COUNCIL**

Councillor Paul Andrews

GMPF Local Planning Board representative

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Level 2, Town Hall Extension
Manchester M60 2LA

Councillor Brenda Warrington
Chair of Greater Manchester Pension Fund
c/o Guardsman Tony Downes House
5 Manchester Road
Droyslden
M43 6SF

Date: 8th October 2019

Our Ref: MCC climate emergency resolution & GMPF

Dear Brenda,

Manchester City Council climate emergency resolution and GMPF

As you will be aware, in July Manchester City Council passed a unanimous resolution declaring a 'climate emergency'. This included a pledge to seek to become a 'zero carbon' city by 2038, with further research to consider if this pledge could be moved forward to 2030.

Other Councils in Greater Manchester have passed similar resolutions to Manchester, and the Greater Manchester Combined Authority is now also working to a 2038 target, which was determined in conjunction with the Tyndall Centre for Climate Research.

A part of Manchester's resolution was the pledge: "Through our role on GMPF, encourage divestment in fossil fuels as early as possible".

I am writing to you to discuss further the ways the GMPF can encourage divestment in fossil fuels as early as possible. Many Councils around the country are asking such a question of their pension funds and there is a clear level of understandable public pressure to move quickly, given the urgency of the information known about the impacts of climate change from the report of the Intergovernmental Panel on Climate Change (IPCC).

On the 18th July you kindly responded to a query from Manchester's Executive Member for the Environment, and my colleague, Cllr Angeliki Stogia, on GMPF's plans around the Fund becoming Carbon Neutral by 2050. For ease of response this is attached as Appendix 1 of this letter.

A core part of your response relates to the point: "The fact of the matter is over the last 3 years we achieved at least £400 million more in returns than if we had not been invested in equities not in any industries such as BP or Centrica formerly known as British Gas, which are regarded as being

fossil fuel investments. Accordingly, we have clear evidence that disinvestment at this stage would cause material financial detriment to the fund.”

Manchester’s resolution is about recognising the fact that the urgency of the need to reduce carbon is so pressing that Councils and all public bodies have to look at ways to go much faster than previously considered. With our joint partnership on low carbon matters in the GMCA, who also have given support to the 2038 zero carbon target, it has been clear there is a strong political steer to look to find all ways to make much more dramatic and fundamental change than ever before. Your 2019 Annual Report repeated your 2050 pledge, but is there any scope now, and an action plan being considered, for GMPF to reconsider this in line with the 2038 pledge that has been made by the GMCA and Manchester City Council?

We would also benefit from some clarity as to what is the ‘clear evidence that disinvestment at this stage would cause material financial detriment to the fund’. As you will know, many institutions are being put under pressure to disinvest from funds or sponsorship from fossil fuel companies. It is becoming increasingly clear that companies that are completely focused on delivering renewable energy are becoming increasingly, year on year, more financially successful. The Governor of the Bank of England has also made it clear that the energy economy is rapidly changing and fossil fuel companies could be quickly vulnerable to such change. In the same manner, it is imperative that the GMPF takes account of these dynamic changes and refocuses investment accordingly.

We agree with the GMPF of the great need to encourage ‘Just Transition’ planning to move the economy / jobs and the energy system away from fossil fuels towards renewable. Disinvestment needs to work at a parallel level, and arguably can be a real tool to assist the ‘Just Transition’ by encouraging such schemes in a practical manner in the next few years.

Manchester is the host authority of the UK and Ireland Nuclear Free Local Authorities (NFLA) who have been taking a real interest in the issue of divestment from fossil fuels as well as civil and defence nuclear companies. As part of this research, the NFLA Welsh Forum has received an illuminating presentation from the Deputy Leader of Swansea City and County Council, Councillor Clive Lloyd, who is also the Chair of the Swansea Pension Fund.

In his presentation to the NFLA, Councillor Lloyd noted that the Swansea Pension Fund has adopted an Environmental, Social & Governance policy which commits the pension fund to reduce its already low exposure to carbon based fossil fuel investments by up to 50% over the next 4 years. This is also unlocking funds for considerable new investment in renewable energy schemes across the area. Councillor Lloyd noted Cardiff City and County Council were looking at similar policies to do likewise.

Swansea’s moves in this area was very much influenced by the example of the London Borough of Waltham Forest, who in 2016 were the first UK Council to announce they would divest its pension funds from fossil fuels over a five year period. Since it was introduced the council’s pension fund holdings in oil, gas and coal stocks have reduced from £53.4m in 2017 to £30m by the end of 2018, a reduction of 44 per cent. In percentage terms oil, gas, and coal stocks now account for 3.4 per cent of the pension fund’s total value, down from 6.6 per cent.

(Source: <https://walthamforest.gov.uk/content/council%E2%80%99s-decision-divest-fossil-fuels-helps-tackle-climate-emergency-and-create-better>)

The work of the likes of Swansea and Waltham Forest Council chimes with Manchester’s climate emergency resolution. I would like to propose that the Pension Fund establishes a task and finish group that could look at such examples as a way to move the GMPF further forward in more quickly divesting from fossil fuels and help unlock further investment instead in renewables.

I have also been made aware that the GMPF are potentially combining with three other local government pension schemes to take over Centrica’s minority stake in EDF Energy’s existing nuclear energy business. Significant investment is required to take up this role. With many of these existing nuclear reactors coming to the end of their operating life, is this the type of ‘low carbon’ investment the GMPF should be making? The climate emergency resolution being put forward by Manchester is focused on delivering a wide range of renewable energy, heating and transport

solutions and Manchester City Council sees a greater ethical and financial benefit for the Fund to prioritise investment in these areas. (Source: <https://www.thetimes.co.uk/article/pension-funds-1-2bn-nuclear-power-swoop-zchw3nsgt>)

Yours sincerely,

Councillor Paul Andrews
Manchester's representative on the GMPF Local Planning Board

Appendix 1

Response to Cllr Stogia's letter on the GMPF and fossil fuel divestment

Dear Cllr Stogia,

Your request to Steven in your capacity as Executive Member for Environment, Planning and Transport in Manchester has been passed to me as Chair of the S101 Local Government Act 1972 Committee for the Pension Fund.

As you rightly point out the representative on the Fund for Manchester is Cllr Paul Andrews.

All attendees at the Fund have been properly appraised as to the actions of the Fund in this regard and how we are managing our journey to become Carbon Neutral in 2050 although clearly we are aiming for earlier within the restrictions of our fiduciary duties.

I note that you have been contacted by Fossil Free GM, and I can assure you we are being open and transparent in our dealings and our position on being carbon neutral.

By way of an update, I met with representatives From Fossil Free GM last Thursday, a long standing commitment to do so and shared with them our position with representatives from Fossil Free GM together with PIRC our ESG advisor <http://www.pirc.co.uk/> and advisor to LAPFF <http://www.lapfforum.org/> .

This was a productive meeting as acknowledged by your colleagues in response to a twitter on GMPF twitter feed: https://twitter.com/GMPF_LGPS/status/1149696675247730688

"GMPF pleased to meet @FossilFreeGM y'day. Whilst we might disagree on best way to get there, we share same goal of a zero-carbon economy as quickly as possible. We're also committed to a Just Transition ensuring interests of workers & communities are properly taken into account."

The fact of the matter is over the last 3 years we achieved at least £400 million more in returns than if we had not been invested in equities not in any industries such as BP or Centrica formerly known as British Gas, which are regarded as being fossil fuel investments. Accordingly, we have clear evidence that disinvestment at this stage would cause material financial detriment to the fund.

So you will understand we need to find a 'Just Transition', which ensures we do not transfer the burden of this cost to the employers and taxpayers of Greater Manchester alike which would result in significant Council tax hikes, and importantly which avoids job loses for residents across the conurbation who are employed in these industries.

We will be discussing this issue as we always do at our Pension Management Meeting this Friday.

I attach herewith the relevant agenda items for your information, which have already been shared with your representative in preparation for our meeting.

In the circumstances, I am sure you will understand I do not intend to go outside the legal governance arrangements that have been set in place, which means that Cllr Andrews has been appointed as Manchester City Council's representative.

Clearly if you have any concerns or questions these should be addressed through him out of courtesy for all the other representatives on the fund and their Authorities interests rather than outside those processes.

I'm sure you understand the difficulty of my position if we were to undermine those governance arrangements.

I trust this assists and you find the information useful.

Best wishes,
Councillor Brenda Warrington
Executive Leader and Chair of the Greater Manchester Pension Fund

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**Manchester City Council
Report for Information**

Report to: Climate Change Sub Group – 22 October 2019

Subject: Climate Emergency Declaration Response

Report of: The Strategic Lead Policy and Partnerships

Summary

In November 2018, the Council's Executive agreed to the establishment of science-based carbon reduction targets for Manchester which required the city to become net zero carbon by 2038. In July 2019 the Council declared a climate emergency. This report provides a brief update on the Council's response to the climate emergency declaration. A separate report focusses on the specific neighbourhood level activity that has taken place or is planned.

Recommendations

The Sub Group are invited to discuss the progress that has been made since the 10 July climate emergency declaration.

The Sub Group are also asked to provide suggestions as to how more rapid progress could be made, especially in relation to the areas which will have the most positive impact on the Council and the city's CO² emissions.

Wards Affected: All

Environmental Impact Assessment - the impact of the issues addressed in this report on achieving the zero-carbon target for the city

This report sets out the Council's initial response to the climate emergency declared in July 2019. The sole focus of the report is on progress towards a zero-carbon city.

Manchester Strategy outcomes	Summary of how this report aligns to the OMS
A thriving and sustainable city: supporting a diverse and distinctive economy that creates jobs and opportunities	The transition to a zero carbon city will help the city's economy become more sustainable and will generate jobs within the low carbon energy and goods sector. This will support the implementation of Manchester's emerging Local Industrial Strategy.
A highly skilled city: world class and home grown talent sustaining the city's economic success	Manchester is one a small number of UK cities that have agreed a science based target and is leading the way in transitioning to a zero carbon city. It is

	envisaged that this may give the city opportunities in the green technology and services sector.
A progressive and equitable city: making a positive contribution by unlocking the potential of our communities	Transitioning to a zero carbon city can help to tackle fuel poverty by reducing energy bills. Health outcomes will also be improved through the promotion of more sustainable modes of transport and improved air quality.
A liveable and low carbon city: a destination of choice to live, visit, work	Becoming a zero carbon city can help to make the city a more attractive place for people to live, work, visit and study.
A connected city: world class infrastructure and connectivity to drive growth	A zero carbon transport system would create a world class business environment to drive sustainable economic growth.

Contact Officers:

Name: David Houliston
Position: Strategic Lead Policy and Partnerships
Telephone: 0161 234 1541
E-mail: d.houliston@manchester.gov.uk

Background documents (available for public inspection):

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

Manchester Climate Change Annual Report 2019
Playing Our Full Part: How Manchester's Residents and Businesses can benefit from Ambitious Action on Climate Change 2018
Manchester Climate Change Strategy 2017-50
Manchester Climate Change Strategy Implementation Plan 2017-22
Manchester: A Certain Future Annual Report 2018
Manchester City Council Climate Change Action Plan 2016-20
Manchester Zero Carbon 2038, Manchester City Council's Commitment, March 2019

1.0 Introduction

- 1.1 This paper outlines the activity that has taken place since the declaration of a climate emergency by Manchester City Council on 10 July 2019. It includes an update on the establishment of a senior level officer group to oversee the Council's response to the climate emergency and an initial update on recent progress to implement the motion.

2.0 Background

- 2.1 In July 2019 the Council declared a climate emergency which recognised the need for the city to do more to reduce its carbon emissions and mitigate the negative impacts of climate change. Further details of progress against the actions included in the climate emergency motion can be found in Appendix 1.

3.0 Zero Carbon Coordination Group

- 3.1 Following the declaration of a climate emergency, the Council established a Zero Carbon Coordination Group (ZCCG) to drive forward the integrated activity required to ensure that the Council plays its full part in ensuring the city reaches its ambitious climate change commitments.
- 3.2 The ZCCG is a strategic group (predominantly Director level) which is chaired by the Deputy Chief Executive and will oversee the development of the next Council Climate Change Action Plan which will be approved by Executive in March 2020. The Group will ensure that zero carbon is fully embedded across the Council's day-to-day operations and decision making, and that there is sufficient leadership, resource and budget to deliver this agenda across directorates and services.
- 3.3 The Group have agreed draft terms of reference which set out the following key priorities:
1. Overseeing the strategic response to the 10 July Climate Emergency Motion;
 2. Ensuring that there is sufficient leadership on key projects and programmes that contribute to carbon reduction across the Council;
 3. Attracting the funding that will be required to deliver this ambitious agenda;
 4. Providing challenge to key Council projects and decisions;
 5. Maximising influence over external partners and stakeholders at a local, sub-regional and national level including government; and
 6. Overseeing the development, delivery and implementation of the Council's new Zero Carbon Action Plan which will be approved in March 2020.

4.0 Workstreams

- 4.1 The Group met for the first time on September 16 and will continue to meet monthly. Four key workstreams have been identified which respond directly to the climate emergency motion. An action log and tracker has also been created and additional programme management support is being put in place

to ensure that agreed actions are completed. A summary of these workstreams is provided below alongside a table in Appendix 1 which lists the specific elements of the climate emergency motion under the workstream headings with examples of how they are being progressed.

Workstream 1: Decision making, policies and standards

- 4.2 As per the motion, a review of all key decisions the Council makes will be undertaken including; grants and funding; procurement and commissioning; capital and revenue gateway process; new build and refurbishment standards; design standards; leases or developments on Council owned land; the Local Plan; as well as policies such as the staff and member travel policy.
- 4.3 Immediate progress will be made where possible and local partners with expertise in this area including the universities and the Fire and Rescue Service are being approached to understand best practice. External technical expertise will be considered where there is a gap in existing knowledge within services.
- 4.4 A key focus of this workstream is the development of a consistent approach for decision-making which clearly demonstrates how zero carbon ambitions have been considered alongside financial, social and economic factors.

Workstream 2: Investment and delivery

- 4.5 This workstream is critical to the delivery of programmes which will achieve quantifiable CO² savings and environmental improvements for the Council and the city. Internal and external funding will be required to deliver a number of programmes of work across the 2 key areas below. Investment in green and blue infrastructure will also be considered including developing nature based solutions to support climate adaptation.
- 4.6 Council Buildings and Operations:
- The Council is working with its waste and recycling contractor to review options to move to Electric/Hydrogen vehicles
 - Installing Solar PV, batteries and onshore wind (where appropriate and may be beyond the city's boundaries) to generate/access renewable electricity and allow storage
 - Developing Electric Vehicle charging infrastructure to support the Council's fleet and potentially the waste and recycling contractor fleet
 - Establishing a retrofit programme across the Council's operational estate to improve energy efficiency and investigate ways to decarbonise heat i.e. alternatives to gas
- 4.7 Citywide buildings:
- Large scale retrofit and energy generation programme for commercial properties, partners' buildings and domestic properties with a focus on

those households most likely to be in fuel poverty

- Consider how the Council can encourage and incentivise these approaches across the city

Workstream 3: Catalyst for change

- 4.8 An 'activation group' will be established to coordinate activity at a more operational level including: staff and member training; embedding into neighbourhood plans and neighbourhood teams; working with residents (including young people); behaviour change; engaging staff in positive action. The team would include a number of services and teams including: Neighbourhoods, Communications; HROD, Our Manchester and Estates.
- 4.9 A significant amount of work is also taking place at a Neighbourhood level and this is summarised in a separate report to the Sub Group.
- 4.10 Communications:
- Manchester City Council has commissioned insight among residents with a third party undertaking over 1,000 on street interviews with Manchester residents from a variety of demographics. In addition to this, three workshops with residents have also been commissioned to discuss key themes, behaviours and barriers. The results of these activities will be used to inform a communications strategy and develop a climate change campaign. The results of the research project will be available late October 2019.
 - Whilst this research project is being carried out, a series of messages, short stories and case studies will be shared with both staff and residents to communicate the work that is already being undertaken, the partnership approach the Council is adopting and the progress the Council is making.
 - In addition to this, Manchester Climate Change Agency is currently developing an engagement approach for groups of interested residents and community and faith groups.

Workstream 4: External influence

- 4.11 External influence is a key element of the climate emergency motion and is an area where a more consistency is required. A set of key messages are now being developed for staff and elected members to use in all their meetings with external partners.

5.0 Recommendations

- 5.1 The Sub Group are invited to discuss the progress that has been made since the 10 July climate emergency declaration.
- 5.2 They are also asked to provide suggestions as to how more rapid progress could be made, especially in relation to the areas which will have the most positive impact on the Council and the city's CO² emissions.

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Appendix 1: Progress against 10 July Council Motion

Decision making, policies and standards	
Declare a Climate Emergency.	Declared 10 July 2019.
Continue working with partners across Manchester and GMCA to deliver the 2038 target, and determine if an earlier target can be possible, through a transparent and open review. Become carbon neutral by the earliest possible date.	Partnership work continuing with GMCA at a strategic level through the Leader and Chief Executive and at an operational level. Review of the science based target underway via the Council's membership of the Manchester Climate Change Board.
Review all policies, processes and procedures to ensure the council can become carbon neutral. Present an action plan by March 2020 detailing how the city can stay within its carbon budget. Report back regularly to the NESC. Review the corporate plan.	Zero Carbon Coordination Group established to provide strategic leadership to the development of the new action plan and to oversee the review of all policies, processes and procedures. Reporting will be via Climate Change Sub Group, Neighbourhoods & Environment Scrutiny Committee and Executive. Corporate Plan review has commenced and was discussed by the Council's SMT on 8 October. The review will give increased prominence to the Council's roles in delivering the zero carbon ambition for the city.
Work with the Tyndall Centre to review the actual emissions from aviation. Investigate the best way to include aviation in our overall carbon reduction programme in the long term.	Discussions with Tyndall Centre about aviation emissions underway through the Council's membership of the Manchester Climate Change Board.
Make climate breakdown and the environment, an integral part of activity throughout the Council, including all decision making, ensuring key decisions take into account the impact on achieving the zero-carbon target and including an environmental impact assessment in all relevant committee reports.	Environmental impact assessment section added to Committee templates. Full review of decision making being established and overseen by the Zero Carbon Coordination Group.
Encourage all staff on council business to use the lowest carbon, appropriate, travel.	HROD have been asked to review the Council's staff and member travel policy.

Investigate measures to ensure future procurement is carbon neutral. Increase the percentage of social value with an additional environmental element.	Procurement and commissioning will be part of the Council wide review of decision making, policies and standards. Additional environmental element social value weighting of 10% being trialled on two current tenders.
Investigate ways to ensure that future local plans place a mandatory requirement for all new development to be net zero carbon by the earliest possible date.	<p>The current timescales for the development of the new Local Plan are as follows:</p> <ul style="list-style-type: none"> • Issues and Options – consult in autumn 2019 • Prepare draft plan – consult in autumn 2020 • Publication of Manchester Local Plan – consult in summer 2021 • Submission to Secretary of State – submit in winter 2021 • Examination of the plan – from spring 2022 • Adoption of Manchester Local Plan – spring 2023
Explore the possibility of introducing a 2030 target in line with the IPCC report; and request that a report on its viability be brought back to the Executive before the end of the year.	Review of the science based target underway via the Council’s membership of the Manchester Climate Change Board. A report will be submitted to the Executive before the end of 2019.
Investment and delivery	
Investigate and introduce measures to help reach domestic zero carbon levels including addressing fuel poverty and retrofitting existing homes.	Innovative work is underway within the social housing sector and energy efficiency schemes are being delivered through the GM Low Carbon Hub. The Zero Carbon Coordination Group will be focussing on the funding and delivery options for a retrofit scheme for private rented sector properties.
Catalyst for change	
Encourage involvement in all wards by April 2020 through meetings as part of the Our Manchester strategy, to identify residents and partners who want to be actively involved in achieving the target, with provision for those who cannot attend. Ensure ward plans contain specific, measurable, achievable steps.	Detailed report on neighbourhood activity prepared by the Strategic Director Neighbourhoods for the 22 October Climate Change Sub Group meeting.

<p>Ensure that everyone in the council receives carbon literacy training by the end of 2020. Make attendance easier by varying times and length of sessions.</p>	<p>Approximately 700 staff have received Carbon Literacy training including all members of SMT and over half of elected members. Training was previously delivered by Manchester Metropolitan University but now 6 Council staff have been trained to deliver the training and more sessions will be running in autumn and winter.</p> <p>The Neighbourhoods Directorate and specifically Neighbourhood Team Officers will be a priority for the new training session. Elected members are able to attend any session alongside staff.</p> <p>A climate change workshop has been designed and is now being delivered at all Listening in Action sessions.</p> <p>A workshop on the climate emergency was delivered at the annual Leadership Summit on 14 October which is attended by over 300 managers. The workshop was delivered twice with 40-45 managers at each session.</p> <p>Bespoke presentations have been delivered to services in the Council including to wider leadership teams and this will continue on a rolling basis.</p>
<p>External influence</p>	
<p>Work with suppliers to green their supply chains, and support local production.</p>	<p>An Information Communications and Technology (ICT) suppliers session took place on Tuesday 17 September which incorporated discussions about zero carbon.</p>
<p>Work with training providers to ensure Manchester residents can take on green jobs.</p>	<p>The Council facilitated a workshop event on 22 July titled <i>Demand for Green Skills and Clean Growth: Zero Carbon Manchester</i>. The workshop brought together Manchester organisations connected to the green economy with training providers to start conversations on the future skills needs that will be created by Manchester's zero carbon ambitions and how the skills and training system will respond.</p> <p>Council officers also attended a <i>Clean Energy Skills Summit</i> hosted by Manchester Metropolitan University on 6 September, which considered what skills will be required within the Green Economy to reach zero carbon targets, and how</p>

	<p>higher education can help support the development of that pipeline.</p> <p>Report scheduled for 7 November Economy Scrutiny Committee.</p>
<p>Push GMCA to decarbonise public transport, heat and energy as early as possible.</p>	<p>Partnership work continuing with GMCA at a strategic level through the Leader and Chief Executive and at an operational level.</p> <p>The Executive Member for the Environment, Planning and Transport asked TfGM to produce a report on decarbonisation of transport to the Greater Manchester Transport Committee. A report titled <i>'Update on increased efficiency & deployment of low energy transport, low carbon infrastructure and plan for progressing to zero emissions vehicles by 2038.'</i> has now been added to the Committee work programme.</p>
<p>Through our role on GMPF, encourage divestment in fossil fuels as early as possible.</p>	<p>The Executive Member for Environment, Planning and Transport has contacted the Greater Manchester Pension Fund and their response has been followed up with a letter from Cllr Paul Andrews, the Council's representative on the Board on 8 October 2019.</p>
<p>Call on the government to:</p> <ul style="list-style-type: none"> ● provide powers and resources to make the zero-carbon target possible including funding for big capital projects ● accelerate the reduction of carbon emissions from aviation ● accelerate the decarbonisation of the electricity grid, funding low carbon energy generation ● ensure that the UK prosperity fund focuses on enable the transition to a low carbon economy 	<p>The Leader of the Council has signed a Core Cities Declaration which was released on 7 October 2019. This includes a number of asks for government including a £1 billion Low Carbon City Investment Fund and an enhanced Clean Air Fund of £1.5billion. The declaration can be found at the link below.</p> <p>https://www.corecities.com/cities/agenda/environment/core-cities-uk-climate-emergency-declaration</p>

**Manchester City Council
Report for Information**

Report to: Climate Change Sub Group – 22 October 2019

Subject: Climate Emergency and Community Engagement

Report of: The Strategic Director (Neighbourhoods) and The Strategic Lead- Neighbourhoods

Summary

In November 2018, the Council's Executive agreed to the establishment of science-based carbon reduction targets for Manchester, which required the city to become net zero carbon by 2038. In July 2019, the Council declared a Climate Emergency. The declaration was explicit about the Council working with residents / other partners at a neighbourhood level, to ensure they are proactively involved in achieving this target.

This report provides a summary on progress to date, and building on this momentum, outlines further actions that communities, Officers, Members and other partners, want to work on together to help reduce carbon. Building capacity to accelerate action at a neighbourhood level is key, as well as embedding priority actions in neighbourhood based Ward Plans.

Recommendations

The Sub-Group is asked to note and comment on the report.

Wards Affected: All

Environmental Impact Assessment - the impact of the issues addressed in this report on achieving the zero-carbon target for the city

This report provides a summary of how communities are working together to tackle climate change and contribute towards a zero-carbon city.
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Manchester Strategy outcomes	Summary of how this report aligns to the OMS
A thriving and sustainable city: supporting a diverse and distinctive economy that creates jobs and opportunities	Ideas from the community to transition to a zero carbon city, will help the city's economy become more sustainable, and generate jobs for residents within the low carbon energy & goods sector. Ideas will also support the implementation of Manchester's emerging Local Industrial Strategy.

A highly skilled city: world class and home grown talent sustaining the city's economic success	Supporting the community to share their ideas / skills / experiences in tackling change, will increase capacity and have a lasting impact in more neighbourhoods across the city.
A progressive and equitable city: making a positive contribution by unlocking the potential of our communities	Everyone has a role to play in tackling climate change, and progress can benefit everyone. Residents know their neighbourhoods best, and are ideally positioned / will be supported to lead community led solutions.
A liveable and low carbon city: a destination of choice to live, visit, work	Tackling climate change by embedding actions in to daily lifestyle choices, can help make the city a more attractive place to live & raise a family, work, invest, visit and study.
A connected city: world class infrastructure and connectivity to drive growth	Encouraging the use of more sustainable transport options for everyday life (leisure/work), would contribute to a world class city & business environment to drive more sustainable growth.

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Background documents (available for public inspection):

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

Manchester Climate Change Annual Report 2019
Playing Our Full Part: How Manchester's Residents and Businesses can benefit from Ambitious Action on Climate Change 2018
Manchester Climate Change Strategy 2017-50
Manchester Climate Change Strategy Implementation Plan 2017-22
Manchester: A Certain Future Annual Report 2018
Manchester City Council Climate Change Action Plan 2016-20
Manchester Zero Carbon 2038, Manchester City Council's Commitment, March 2019

1.0 Introduction

- 1.1 The declaration of a Climate Change emergency by the City Council in July 2019, has not only provided a more intensive focus for collective action, but it has provided an even greater platform for communities and the Council, to take stock and showcase the wide range of activities that are already being delivered, as well as ideas for even more accelerated action (Our Manchester in action).
- 1.2 This report will bring this action to life, showcase how communities are already leading by example, and how this will be a key element of the overall approach / governance to tackling climate change across the City.

2.0 Background

- 2.1 The Council has a strong track record of working with communities at a neighbourhood level. Specifically, the 3 Neighbourhood Teams (North, Central & South) in the Neighbourhood's Directorate, focus on delivering the citywide Manchester Strategy at a place level. Key outcomes relate to: clean & safe neighbourhoods where people want to live, people are healthy & in work, have access to high quality community facilities (parks, libraries, schools, shops, transport options, health+), and residents can get involved in "their" neighbourhood by volunteering, making decisions and taking forward "their" ideas to make a difference.
- 2.2 The Council (Officers & Members) work closely with communities through Ward Co-ordination processes, where whole place priorities are agreed on an annual basis and form a Ward Plan of action. Tackling climate change has been both implicit and explicit in those Ward Plans, been agenda items at meetings, Neighbourhood Investment Fund (NIF) has been targeted on projects, and the support of the wider Council, other Public Sector partners, businesses, residents Voluntary & Community Sector, and Charitable organisations, has been instrumental. This is important context, as we are not starting from scratch. It is also very clear that residents, Officers & Members, have some experience and skills in delivering activity that is contributing to tackling climate change, and there is a strong appetite to share ideas, learning & carbon literacy training, across the City to accelerate impact. Activities will continue, but going forward, there will be an even stronger emphasis on actions that help to reduce our carbon footprint as the key driver.

3.0 Progress to Date:

- 3.1 Progress to date can be grouped into a number of themes that have been easily understood by communities and partners, as they were about making climate change actions "real" and "relevant" to their everyday life. They have all started from small steps leading to where they are now, and have had the effect of bringing more and more people along (from residents, community groups, businesses to public agencies). Some examples from Wards across the North, Central & South parts of the City are as follows (more Wards are

doing similar activities though), which are supported by Council resources in some way (e.g. Officers / funding / Members).

3.2 **Clean Air around Schools- Protecting our Future:**

- Campaign in North Manchester to encourage school walking buses, anti-car engine idling and air quality monitoring (all through school poster campaign and involved parents, MCC Parking / Greater Manchester Police);
- In Ardwick, working with schools / TfGM on the Protecting Playgrounds / Air Quality;
- Junior PSCO (Police Community Support Officer) approach with schools, GMP & the City Council in Central, focusing on road safety, walking & clean air. This is being supplemented by an emerging curriculum module for Air Quality Officers in schools (pupils will learn about air quality issues, climate change & environmental issues, and identify the response for their school area);
- School Walking Bus pilot on Clean Air Day in Button Lane Primary School (Brooklands Ward), has now been mainstreamed in to school life with dedicated staff resources to help reduce the number of vehicles coming to the site.

3.3 **Sustainable Transport- How we move around the City:**

- Focusing on walking, not using coaches, for people visiting different venues in the area that celebrated the diversity of Cheetham (Cheetham Festival September 2019);
- Car Free Days in the City Centre Wards (Deansgate / Piccadilly);
- Promotion of cycling and planned cycle lanes across South / Central (Beelines);
- Across the City (e.g. Longsight, Northenden, Burnage, Chorlton Park+), building on Clean Air Day, Great Get Together and Active Streets (with MCRActive), 29 temporary road closures (MCC waived the fee), to encourage car free days so communities could come together, play, do clean-ups and discuss more ideas for making their neighbourhoods even better.

3.4 **Recycling & Composting- Avoiding Unnecessary Landfill:**

- Going in to schools with Biffa and the MCC Street Cleansing, Waste & Recycling Team, to deliver “how and what to recycle” presentations (e.g. St Clare’s Primary in Higher Blackley); and clean-ups of green spaces for recyclables (e.g. Tweedle Common);
- Commercial waste pilot in St Anne’s Square (Deangate), to reduce vehicle journeys, reduce emissions and increase recycling rates;
- Working with students all year round through the Universities, Student Unions, landlords, Purpose Built Student Accommodation, Manchester Student Homes, British Heart Foundation and locally based charity shops (Fallowfield, Withington, Old Moat, Rusholme & the City Centre), to recycle more & donate unwanted items (arrival, during and the end of the academic year);

- Wythenshawe Waste Warriors promoting clean neighbourhoods / green spaces / Brooks, and actively involved in regular clean ups and working with local schools to look after the environment;
- Working with the Tree of Life Centre in Wythenshawe to promote their re-use services (furniture, clothing, white goods), which is encouraging more people to re-use & recycle.

3.5 **Environment around Us- Improving, Enhancing & Enabling to flourish (Greening & Biodiversity):**

- Crumpsall & Cheetham Horticultural Society being mentored by Mirfield Gardens (Higher Blackley) to deliver a range of environmental projects in Crumpsall; and Cleaner Crumpsall Resident Groups mentoring Primary Schools to work on environmental projects / recycling;
- “Nature of” focus in Hulme, Ardwick & the City Centre- an engagement programme to bring all stakeholders together who have an interest in the environment (themed around sustainability, nature based solutions, and increasing walking/cycling);
- Resident led weeding project in Whalley Range (glyphosate chemical weed spraying suspended), with local residents carrying out hand weeding instead, in order to increase biodiversity and support pollinators;
- A focus on a “Greener Didsbury” (air quality, “Lets Talk Rubbish” initiative), and bringing young people together in Sharston through schools / youth facilities to look after green spaces, habitat, increase biodiversity in them and reduce litter / flytipping.

3.6 **Climate Change- What Can “I” do? - Information, Education & Action:**

- Resident led Whalley Rangers Climate Action Group auditing their neighbourhood (shops, green spaces, faith, schools) to look at ways to tackle climate change (low carbon lifestyles, organic food growing projects, transport+), creating a climate change action plan, which has been embedded in the Ward Plan;
- Youth Climate Change Summit (July 2019) with young people from schools across the City / in the hearts of neighbourhoods, to express their views / ideas to tackle climate change (Pledges linked to recycling, clean air, no single-use plastic, planting around schools, walking+);
- Harpurhey Information Market at North City Library with a focus on encouraging more recycling and what Climate Change is about (how to take action);
- Climate Change Summit held in Hulme in September- discuss ideas/actions such as clean air groups, developing a climate change project fund (Big Lottery bid)+;
- A focus on community based climate change / air quality actions at the “Through the Mill” Festival (September 2019), which celebrated all things music, art & food in Ancoats.

4.0 Accelerating Our Impact- Actions Going Forward

4.1 It is evident that there is already a proactive focus at a neighbourhood level (Our Manchester in action). What is very clear from those stakeholders is that they want to build on this momentum to ramp up delivery and have an even greater impact to reduce carbon. Keeping to those general themes above, as they are “real” to communities & partners, the following is a summary of the ideas that have been raised / being discussed across the City. However, this is not about doing everything in every Ward- the Ward context is already influencing where people are focusing their efforts.

4.2 Clean Air around Schools- Protecting our Future:

- Encouraging more walking (school walking buses / cycling, safer routes (dealing with pavement parking);
- More regular air quality monitoring / Protecting Playgrounds;
- More planting of emission reducing trees / plants.

4.3 Sustainable Transport- How we move around the City:

- More car free days in neighbourhoods, not just the City Centre;
- Encouraging more walking for shorter journeys (neighbourhood centres, parks, Library, school+);
- Encouraging more public transport use (Metrolink, Eco-buses);
- Encouraging more cycling (existing cycle routes / new (Beelines);
- Opportunities for more neighbourhood based Electric Vehicle Charging bays/points;
- More Play / Active Streets (car free days) to bring communities together;
- Promotion of sustainable options to get to & from high profile / footfall areas (as an employee / customer) e.g. City Centre, Manchester Airport (clean air focus given they include / surrounded by residential neighbourhoods).

4.4 Recycling & Composting- Avoiding Unnecessary Landfill:

- More promotion in schools (pupils / parents) on how easy it is / impact;
- Help communities lead their own clean ups / recycling projects;
- More sustainable food growing using suitable public green spaces / private residential gardens;
- Building on the St Anne’s Square pilot for more opportunities for greener commercial waste approaches (considering business sites are located in/around residential neighbourhoods);
- Improvements to Alleyways to make more welcoming and encouraging recycling / composting / food growing+;
- More promotion / use of re-use facilities (furniture / clothing+) as a donator and buyer (Tree of Life, Mustard Tree, Charity Shops+).

4.5 Environment around Us- Improving, Enhancing, Enabling to flourish (Greening & Biodiversity):

- Taking a more holistic approach to sustainability / nature based solutions to places / spaces- learn from the “Nature in Hulme” approach and “Friends of” parks/woodlands+ groups, which are active throughout the whole City;
- Opportunities for residents to do more in looking after green spaces in an environmentally friendly way- learn from the Whalley Range weeding project and the community led neighbourhood audit;
- Build on the successful In Bloom approach in the City for more community garden / planting projects (emission reducing plants / bee hives)- learn from neighbourhood based Horticultural Societies throughout the whole City.

5.0 Next Steps- Delivery:

5.1 It is clear that everyone has a role to play in tackling climate change and residents know their neighbourhoods best. Building on this momentum, the following will be progressed to “build capacity” and “drive priority actions at a neighbourhood level” to reduce carbon. This will also be fluid given new ideas, opportunities & challenges will arise along the way.

5.2 Strategy & Governance:

- All 32 Ward Plans will include actions that they can deliver to support tackling climate change and reducing carbon. These will be in place in all ward plans from April 2020 and will form part of whole place priorities. Similar to now, actions will remain ongoing, Ward Co-ordination meetings will continue to be a forum to drive local delivery (while linking to any other relevant forums), and draw in the support of all relevant partners;
- In order to support this work and focus it on actions that will bring tackling carbon emissions at the centre of attention, the Neighbourhoods Directorate and specifically Neighbourhood Team Officers, will be a priority for the new carbon literacy training sessions;
- Building on work that is already taking place in communities, a strong focus on enabling, supporting and celebrating a bottom up approach to reduce carbon emissions, by harnessing the power, passion and energy of our communities;
- Embed the neighbourhood level focus in the overarching citywide Zero Carbon Co-ordination Group (Workstream 3- Catalyst for Change) to influence the approach and linking bottom up approaches to zero carbon and climate change with the action plan for the City;
- Fully engage communities in the development of the Manchester Climate Change Agency Framework by March 2020 (details tbc).

5.3 Communication:

- Showcase to residents, businesses & other partners, what reducing carbon and tackling climate change actually looks like at a neighbourhood level, and how their contribution can easily form a part of their daily lifestyle / operation;
- Being clear on the actions coming out of all the different climate change focused meetings, events and summits, as they all link back to neighbourhoods (being clear how people of all ages can get involved / calls for action);

5.4 **Sharing of Skills & Experience (Increasing Capacity & Confidence):**

- Facilitate more community groups throughout the City to share their approaches with each other (greater community ownership / leadership), and engage in Climate Change / Carbon Literacy training;
- Embed zero carbon and climate change discussions / ideas / actions in to existing neighbourhood events & meeting structures (where possible) so it is seen as core business, not an add-on;
- As stated in 5.2, all remaining Neighbourhood Team Officers (Neighbourhoods Directorate) will complete the City Council Climate Change / Carbon Literacy Training programme given their direct role with residents / Members. Prioritised sessions are being finalised and will include Officers sharing their own skills / experience (modelling behaviours), as well as focusing on the real scenarios in this paper. However, all Council Directorates / Officers have a role to play and is being progressed (Climate Change is a workshop at the Leadership Summit on 14/10/19). Members have also had training and can link in with future sessions;
- Continue to draw in the advice & experience from City Council Officers / Members (& those who have thematic responsibilities), and external organisations, to ensure we are focusing on priority actions to reduce carbon e.g. In Bloom, Wild in Manchester, Recycling, Environment, Highways, Planning, Manchester Climate Change Agency, University of Manchester PhD research students who are active in Hulme on air quality, Registered Providers, Schools, Businesses.

5.5 **Tools / Capacity:**

- Work with the community / Officers / Members to develop toolkits of their approaches so others can learn from/adapt for their neighbourhoods;
- Through discussion with Members, look at more targeting of Neighbourhood Investment Funding (NIF) on projects to tackle climate change (& any other funding sources e.g. Big Lottery+);
- Channel “Calls for Action” through the Our Manchester branded www.mcrvip.com (Manchester Volunteer Inspire Programme)- already expanded across the Neighbourhoods Directorate offer and focused on people getting involved / volunteering in their neighbourhood;
- Promote City Council Officers working with communities to tackle climate change, as an option for their 3 days volunteering leave per year;
- Build on existing campaigns, toolkits, resources & media channels, to convert ideas in to action e.g. Keep Manchester Tidy, Biffa in to schools, Eco-Schools, Wild in Manchester, social media+;
- Continue to provide equipment to make things happen e.g. for clean-ups (each Neighbourhood Team has a container of tools); and review other emerging needs based on ideas, such as traffic cones/signage for temporary road closures (car free days/Active Streets), emission reducing plants for community garden projects, air quality monitors+;
- Using all the influence the Council has to support neighbourhood level action e.g. through direct Social Value activity (via procurement), Corporate Social Responsibility (via business relationships).

6.0 Recommendations

6.1 The Sub-Group is asked to note & comment on the report.

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Title	Climate Change Subgroup
Membership	Councillors Flanagan, Jeavons, Kilpatrick, Lyons, Shilton Godwin, Whiston and Wright (Chair)
Lead Executive Members	Councillor Stogia, Executive Member for Environment, Planning and Transport
Strategic Directors	Fiona Worrall, Strategic Director - Neighbourhoods
Lead Officers	Richard Elliott, Head of Planning and Critical Infrastructure
Contact officer	Lee Walker, Scrutiny Support Officer
Objectives	<ol style="list-style-type: none"> 1. Monitor progress of each point of the Climate Emergency motion carried by Manchester City Council on 10 July 2019. 2. Ensure the Manchester Climate Change Action Plan includes specific, measurable targets and review progress towards achieving them, on a quarterly basis. 3. Identify additional measures which could be put into place by MCC or partners to help reach the zero carbon target. 4. Update the Neighbourhoods and Environment Scrutiny Committee 4 times a year.
Key Lines of Enquiry	<ol style="list-style-type: none"> 1. Obtain reports from all relevant Departments in relation to progress of the points in the climate emergency motion, ensuring that deadlines are met. 2. Obtain updates on progress of the production of the Climate Action Plan and regular updates once it is implemented. 3. Investigate initiatives which could be considered to help achieve zero carbon targets. 4. Obtain updates from each scrutiny committee to assess incorporation and progress of zero carbon actions in relation to each area of work. 5. Invite and obtain reports from relevant experts, including from Greater Manchester Combined Authority to assess existing actions and suggest new ones.
Operation	This Subgroup will report its findings to the Neighbourhoods and Environment Scrutiny Committee by submitting minutes to the Committee. The Committee will be asked to endorse any recommendations from the Subgroup.
Access to Information	<p>Meetings of the Subgroup will be open to members of the media and public except where information that is confidential or exempt from publication is being considered.</p> <p>Papers for the Subgroup will be made available to members of the media and public on the Council's website and the main</p>

	entrance to the Town Hall except where information which is confidential or exempt from publication is being considered.
Schedule of Meetings	To be determined.
Commissioned	September 2019

**Neighbourhoods and Environment Scrutiny Committee – Climate Change Subgroup
Work Programme – 2019**

Meeting 1: 22 October 2019 at 10am in the Council Antechamber				
Deadline for reports: Friday 11 October 2019				
Item	Purpose	Lead Executive Member	Lead Officer	Comments
MCC Climate Change Action Plan Actions Update	To consider the MCC Climate Change Action Plan Actions Update.	Cllr Stogia	David Houliston	
Climate Emergency: Notice of Motion Update	To receive a report on the progress to deliver the Climate Emergency Notice of Motion actions that had been agreed at the meeting of Council 10 July 2019.	Cllr Stogia	David Houliston	
Climate Emergency and Community Engagement	To receive a report that informs the Subgroup on the approach of Neighbourhood Teams to engage with residents and communities around the issue of Climate Change.	Cllr Stogia	Fiona Worrall Mark Rainey	
Terms of Reference and Work Programme	To review and agree the Subgroup's terms of reference and work programme, and consider any changes or additions that are necessary.		Lee Walker	

Meeting 2: Date / Time and Venue to be confirmed				
Deadline for reports:				
Item	Purpose	Lead Executive Member	Lead Officer	Comments
Terms of Reference and Work Programme	To review and agree the Subgroup's terms of reference and work programme, and consider any changes or additions that are necessary.		Lee Walker	

Meeting 3: Date / Time and Venue to be confirmed				
Deadline for reports:				
Item	Purpose	Lead Executive Member	Lead Officer	Comments
Terms of Reference and Work Programme	To review and agree the Subgroup's terms of reference and work programme, and consider any changes or additions that are necessary.		Lee Walker	