



Overview and Scrutiny Climate Change Subgroup

Date: Thursday, 23 January 2020

Time: 2.00 pm

Venue: 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 - Wright (Chair), Flanagan, Hassan, Jeavons, Kilpatrick, Lynch, Lyons, Shilton Godwin and Whiston

Agenda

- 1. Minutes** 5 - 14
To approve as a correct record the minutes of the meeting held on 22 October 2019.

- 2. The Tyndall Centre for Climate Change Research** 15 - 38
The Subgroup will hear from the Tyndall Centre for Climate Change Research who will be attending to present and discuss their review of the scope and targets for Manchester's climate change commitments. The review will take into account the latest science and international best practice for cities and will include further analysis and recommendations on aviation and consumption based emissions.

- 3. Climate Emergency and Community Engagement** 39 - 48
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** 49 - 52
Report of the Governance and Scrutiny Support Unit

Members are invited 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 **Wednesday 15 January 2020** 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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Neighbourhoods and Environment Scrutiny Committee – Climate Change Subgroup

Minutes of the meeting held on 22 October 2019

Present:

Councillor Wright (In the Chair)
Councillors Jeavons, Kilpatrick, Lyons and Shilton Godwin

Councillor Stogia, Executive Member for Environment, Planning and Transport

Apologies: Councillor Whiston

NESC/CCSG/19/01 Terms of Reference and Work Programme

For the benefit of the public in attendance at the meeting the Chair announced the Terms of Reference of the Subgroup.

Following consideration of the items of business listed on the agenda the Chair stated that she would review the work programme with the intention of arranging themed meetings and that she would also review the frequency of the meetings.

Decision

The Subgroup;

1. Agree the Terms of Reference; and
2. Recommend that the Chair review the Work Programme to structure themed meetings and to also review the frequency of meetings.

NESC/CCSG/19/02 Manchester City Council Climate Change Action Plan Update

The Subgroup considered the report of the Strategic Lead Policy and Partnerships that informed Members that the Council's existing Climate Change Action Plan 2016-20 set out the actions that were required to deliver a 41% reduction in carbon emissions by 2020 from a 2009/10 baseline, noting that the latest data from 2018/19 showed that the Council's direct emissions had reduced by 48.1% from a 2009/10 baseline.

The report noted that in November 2018, the Council's Executive had 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 develop a zero carbon action plan to be approved by the Council in March 2020.

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

The main points and themes within the report included: -

- Providing a background and context;
- The Carbon Reduction Target for the next five years;
- The scope of the plan which encompassed reducing the Council's own direct CO² emissions but also influencing the city's emissions through all available policy levers; and
- The process for developing the plan and key milestones.

The Executive Member for Environment, Planning and Transport informed the Subgroup that the Council accounted for approximately 2% of the carbon emissions in the city and that these emissions came predominately from buildings, street lighting, the waste fleet and staff journeys, and this is why these activities were being targeted.

The Executive Member for Environment, Planning and Transport stated that whilst the Council had achieved a 40% reduction in emissions since 2005 the new target would be ambitious and was likely to require a halving of the Council's direct CO² emissions within the next 5 years. She further commented that the Council was working with the Manchester Climate Change Agency and the Tyndall Centre to understand how the airport factored into the carbon budget for the city.

In response to a question from the Chair the Deputy Chief Executive informed Members that the Zero Carbon Coordination Group (ZCCG) comprised of officers, predominantly Director level and was chaired by herself. She described that this group would oversee the development of the next Council Climate Change Action Plan which would be approved by Executive in March 2020. The Group would ensure that zero carbon was fully embedded across the Council's day-to-day operations and decision making process, and that there was sufficient leadership, resource and budget to deliver this agenda across directorates and services. She advised that political oversight was provided by the Executive Member for Environment, Planning and Transport and information on the agreed actions and work streams of the ZCCG would be circulated to Members following the meeting.

The Chair recommended that Members reviewed the twenty actions within the Action Plan Update 2018-19 that had been provided and ask any relevant questions of officers and the Executive Member. She stated that this discussion would inform the planning of future meetings of the Subgroup. She stated that she would then invite members of the public who were in attendance to contribute to the discussion.

Members commented that a glossary of acronyms should be included in future reports and consideration needed to be given as to how data was reported, including progress against base line figures and against what agreed target progress was reported. Members also requested that information on the RAG rating be also included.

Action Point 1: Deliver the Street Lighting LED replacement programme

To note the update.

Action Point 2: Deliver the Civic Quarter heat network

Members commented that this was a very positive development and this project should be widely promoted as an example of good practice to developers across the city. Officers noted these comments.

Action Point 3 and Action Point 4: MCC Estate Transformation Programme & MCC Estates Rationalisation Plan

Members commented that it was important to acknowledge the impact that the reduction in staff and closure of buildings had in contributing to the reduction in carbon emissions achieved, and enquired what savings had been achieved through proactive actions and interventions. A Member further enquired what assurance was sought that buildings sold on would be used in a responsible way to reduce emissions, noting that this should be a consideration and not just a financial decision when assets were sold. Officers responded by stating that these comments would be taken away from the meeting.

The Chair recommended that a report detailing all of the buildings that the Council owned and information on any efficiency work planned across the estate, including anticipated timescales for completion and anticipated savings be submitted to the Subgroup for consideration at an appropriate time.

Action Point 5: Where financially viable implement suggested actions from Energy Audits and evaluate impact on energy consumption and carbon emissions

The Strategic Lead Policy and Partnerships stated that Estates were reviewing how to achieve savings, including options for installing solar panels and heat pumps.

A Member commented that he had concerns in regard to financial viability, noting that it was important to understand cost, in all senses of the word and any evaluation should be undertaken in the context of the climate emergency. The Deputy Chief Executive commented that financial and carbon budgets were being considered. The Chair noted this comment and stated that it was important that the inclusion of the climate emergency was explicit in the Council's decision making process.

Action Point 6: Deliver carbon savings from the MCC operational estate. Leisure Facilities

Members commented that Leisure Facilities, in particular swimming pools were high consumers of energy, noting that the refurbishment of the Moss Side Leisure Centre had been completed, including works to increase the building's efficiency and reduce carbon emissions, and that other leisure facilities were being considered as part of the Carbon Reduction Programme. The Chair recommended that a report be submitted to a future meeting that provided more information on Leisure Centres, the

benefits achieved at the Moss Side site, including comparative data and how the lessons learnt from that project would be used in future planned work.

Action Point 7: Develop and deliver a MCC Operational Buildings Carbon Reduction Plan

The Chair commented that this issue of buildings would be discussed as part of a future dedicated themed meeting.

Action Point 8: Ways of working

The Deputy Chief Executive stated that whilst staff numbers had reduced it was important to recognise the impact the Our Ways of Working strategy had contributed to reducing carbon emissions. Members requested information on how this activity was measured against a base point and the Chair recommended that a report on buildings and related emissions and the work to mitigate these be considered at an appropriate time.

Action Point 9: Zero Carbon Manchester 2050

Members commented that opportunities for discussions with, and scrutiny of the Tyndall Centre for Climate Change Research in development of this activity be explored.

The Executive Member for Environment, Planning and Transport informed Members that the Neighbourhoods and Environment Scrutiny Committee had scrutinised the proposal to adopt a carbon budget that would mean committing the city to a target of becoming zero carbon by 2038 rather the existing 2050 target at their meeting of 7 November 2018. She stated that the Council was working on a plan to reduce emissions by 50% in the next five years. She stated that she welcomed the interest from this Group and reports would continue to be submitted to the Neighbourhoods and Environment Scrutiny Committee.

The Chair commented that the Climate Emergency motion included a requirement to have an open and transparent review to determine the earliest possible target date for Manchester to become zero carbon. In addition, the amendment to the motion required consideration to be given to bringing the present date of 2038 forward to 2030 and for a report to go to the Executive by the end of the year. She said that the Subgroup should invite the Tyndall Centre for Climate Change Research to a future meeting to discuss how an open and transparent review could be carried out and that she would discuss with the Chair of the Neighbourhoods and Environment Scrutiny Committee when it could consider a report on the 2030 date, given that the Subgroup was unlikely to meet again until the new year.

The Chair further commented that representatives from the Tyndall Centre for Climate Change Research and the Manchester Climate Change Agency would be invited to attend and contribute to future meetings of the Subgroup.

Officers responded to a Member's question by advising that further information on the URBACT (The Urban Development Network Programme) C-Change project would be circulated to Members following the meeting.

Action Point 10: Reduce citywide carbon emissions by 41% by 2020

Members requested that comparative data against the baseline figure should be provided to each meeting of the Group to assist in the monitoring of progress. The Deputy Chief Executive reported that consideration would be given as to how best provide this information to the Group in a meaningful manner, noting that the data sets that were used to compile this information were released at different times of the year, and that was why this was reported annually rather than quarterly.

Action Point 11: Reduce citywide emissions from domestic buildings

Members commented that the issue of emissions generated from domestic buildings represented a very significant challenge, especially with the age of the housing stock across the city. Members stated that the work to address this needed to be rapidly scaled up.

Members commented that whilst Registered Social Landlords had invested in programmes of improvements and retrofitting, the biggest challenge came from the Private Rented Sector. A Member commented that an assurance should be sought that Registered Social Landlords should use money they received to ensure all of their current housing stock was improved and energy efficient before commencing any new builds.

The Chair commented that an audit of all Registered Social Landlords properties in Manchester should be undertaken to benchmark the current standard of their properties.

The Executive Member for Environment, Planning and Transport informed the Group that Registered Social Landlords in Manchester had committed to the 2038 target and were working with the Climate Change Partnership to help achieve this target, adding that there were examples of good practice that could be shared across organisations.

The Executive Member for Environment, Planning and Transport stated that she was working with the Executive Member for Housing to discuss the approach to engage with the Private Rented Sector to drive improvements, commenting that it was understood that this activity could address fuel poverty and improve health outcomes for citizens.

A Member commented that this challenge represented an opportunity to develop and skill up a workforce to deliver the scale of retrofitting works required and opportunities for developing this should be explored with local colleges, universities and training providers. The Executive Member for Environment, Planning and Transport informed the Subgroup that a report entitled 'The Green Economy – Opportunities and Challenges for Manchester' was scheduled for consideration by the Economy Scrutiny Committee at their November meeting.

The Chair stated that the actions and activities to reduce emissions from all domestic buildings should be reported to each meeting of the Subgroup.

Action Point 12: Reduce citywide emissions from energy: Energy Company

A Member commented that that she was concerned that this Action Point was rated as Amber and that she would raise this in her role as Member of the GMCA Housing, Planning and Environment Scrutiny Committee.

Action Point 13: Reduce citywide emissions from energy: Identify and develop additional heat network clusters in Manchester

Noting the comments received when discussing Action Point 2.

Action Point 14: Deliver the Triangulum smart cities project

Members enquired as to how many non-electric vehicles the Council owned. Members also commented upon the challenge to deliver the necessary infrastructure to support an increased use of electric vehicles.

Members noted that Biffa were currently trialing the use of an electric vehicle, but questioned if existing contracts could legally restrain the wider roll out of electric vehicles. The Chair commented that all existing contracts should be reviewed in light of the Climate Emergency and options for improving them should be considered.

Action Point 15: Work with Transport for Greater Manchester to deliver a range of citywide transport improvements

Members commented that a dedicated meeting would be arranged to consider active travel and citywide transport improvements. The Chair recommended that representatives from Transport for Greater Manchester would be invited to attend and contribute to the meeting.

The Executive Member for Environment, Planning and Transport informed the Members that she was lobbying for a review of the Greater Manchester Transport Strategy in light of the Climate Emergency, commenting upon the need to decarbonise public transport.

Members supported this and commented that this activity also needed to be linked to the messages and dialogue with citizens regarding the issue of Clean Air Zones.

The Chair recommended to all those present to participate in the Transport for Greater Manchester consultation on proposed bus franchising scheme that was open until 8 January 2020.

Action Point 16: Work with partners to increase access in the city to sustainable food

A Member requested an update on the role and work of the Food Board to be submitted to a future meeting of the Subgroup.

Action Point 17: Sustainable events

Members welcomed the reported developments and the delivery of the Sustainable Events Plan. In response to a question from a Member the Strategic Lead Policy and Partnerships advised that this was in addition to any Social Value requirement.

A Member commented that Neighbourhood Investment Funding should only be used to support events that complied with this standard.

Action Point 18: Green and Blue Infrastructure

The Subgroup were advised that the Neighbourhoods and Environment Scrutiny Committee would be considering the Green and Blue Infrastructure Strategy at their January 2020 meeting.

Action Point 19: Participate in the Core Cities Adaptation Group to help adapt the city to climate change, including identification and delivery of actions for MCC

The Deputy Chief Executive acknowledged the comment from the Chair who reiterated the importance of this activity.

Action Point 20: Embedding carbon reduction objectives in policy-making

Members commented that this was a very significant piece of work to ensure that the ambitions of the Climate Emergency were delivered. A Member commented that consideration also needed to be given to reviewing all existing Strategic Regeneration Frameworks to ensure they were not contrary to the motion passed by Council.

In regard to a question from the Chair regarding the Local Plan, the Strategic Lead Policy and Partnerships informed the Members that all Local Plans had to be approved by HM Government. He further informed the Members that the Head of Planning, Building Control & Licensing was a member of the Zero Carbon Coordination Group and the Group might wish to consider inviting her to a future meeting to discuss the Local Plan in further detail.

The Subgroup then heard from a number of members of the public who had indicated that they wished to address Members.

Claire Stokes, from Walk Ride GM and Extinction Rebellion said that it was her view that the Council should review all existing policies and decision making procedures to ensure they complied and were consistent with the Climate Emergency. She further called for additional resources to be dedicated to progress this important work, advising that other Local Authorities had arranged for this and an analysis of the cost of not doing this should be undertaken.

The Deputy Chief Executive responded by stating that the Council was preparing for a new budget setting process and that the Climate Emergency Motion would be embedded into the options for discussion. She stated that whilst new and future

plans and policies could reflect the Climate Emergency the challenge came with historical decisions, however lessons could be learnt and inform future approaches. She said that resources were finite however two new posts had been created to support the Strategic Lead Policy and Partnerships.

The Strategic Lead Policy and Partnerships stated that staff, whilst not specifically allocated to this work were very enthusiastic to progress this agenda.

Jake, Extinction Rebellion Manchester stated that it was his opinion that funding for dedicated climate change staff should be made available, commenting upon the amount of money that had been allocated to the Factory Project and the Manchester International Festival each year. He stated that climate change was an emergency in the literal sense and the response to this should be immediate. He further commented that public transport links to the airport needed to be improved and car parks at the site should not be expanded.

The Executive Member for Environment, Planning and Transport stated that she welcomed the continued challenge from citizens and the passion and commitment demonstrated by local activists should be harnessed to deliver local, ward projects and engagement activities to influence behaviour change. She reported that she did recognise the emergency and she was committed to supporting officers and partners to respond to this. The Chair stated that it was important that climate change and the acknowledgment of this as an emergency should be embedded in all communications using appropriate language.

River, a citizen of Manchester said that it was his opinion that the consultation on the Princess Road and Medlock Street roundabout improvement works had not been adequate and had not made any reference to climate change. He further called for greater regulation of private landlords to ensure that the houses they rented out were passive, a standard for energy efficiency in a building, which reduced the building's ecological footprint. He concluded by stating that Manchester should use Planning legislation that was available to them to ensure that all buildings were required to meet this standard.

Vanessa Hall, a citizen of Manchester stated that planning permission for extensions on domestic properties was detrimental to the environment and planning permission should not be granted unless the whole house was retrofitted to achieve the passive standard. She further called for a political response to planning legislation and more use of devolved powers to drive improvements. She asked if any cost benefit modelling of climate change in Manchester had been undertaken, stating the cost of not delivering improvements would be significant. She also challenged the assumption that economic growth was a positive, adding that the Manchester Strategy needed to be reviewed in light of the Climate Emergency. She suggested that the Subgroup needed to meet more regularly in acknowledgement of the emergency. She further questioned the reported reduction in carbon emissions achieved by the Council, arguing that these were merely the result of a loss of staff and the closure of buildings as a direct result of budget cuts. She also stated that it was her view that the expansion of the airport needed to cease, there should be no extension of car parks at the airport, domestic flights should be stopped from the airport and the Council needed to be clearer in its communications about the

environmental impact of the airport on Manchester. She concluded by stating that a programme of planting more trees needed to be undertaken immediately.

In response to a question from the Chair regarding Carbon Literacy training the Strategic Lead Policy and Partnerships reported that approximately 700 staff had received Carbon Literacy training, including all members of the Senior Management Team and over half of elected members. Training had previously been delivered by Manchester Metropolitan University but now 6 Council staff had been trained to deliver the training and more sessions would be running in autumn and winter. The Chair recommended that a report on the delivery of Carbon Literacy be submitted for consideration at an appropriate time.

The Executive Member for Environment, Planning and Transport responded by acknowledging the comment made regarding the Princess Road and Medlock Street roundabout consultation exercise, however she commented that delivery of this scheme would improve cycling and walking facilities. She further commented that the review of the Manchester Local Plan would address key challenges of the city including the delivery of efficient homes and the 2038 zero carbon commitment. She said that the challenge remained with the existing housing stock. She further commented that it was acknowledged and work was underway to prioritise and accelerate the review of the decision making process across the Council to ensure the climate emergency was embedded into this process.

The Chair noted the comments made regarding the Airport and suggested that a future meeting of the Subgroup be dedicated to considering the Airport, and representatives from both the Tyndall Centre and the Manchester Climate Change Agency be invited to attend and contribute to the discussion. In response to the issue of trees and biodiversity the Subgroup were informed that the Neighbourhoods and Environment Scrutiny Committee would be receiving the Green and Blue Infrastructure Strategy, including an update on the implementation of the Manchester Tree Strategy at their January 2020 meeting. A Member commented that Planning consents should be used to ensure developers planted trees to support this ambition.

The Chair asked for an explanation of whether the council can review decisions we have already made as a result of the motion being carried. If it cannot, then the Chair asked for an explanation of the reasons why this cannot be done. The committee asked for reviews of Planning and Highways to be specifically considered and reports back to be made.

Decision

That the Chair review the Work Programme to agree structure themed meetings to address the issues that had been raised during consideration of this item.

NESC/CCSG/19/03

Climate Emergency Declaration Response

The Subgroup considered the report of the Strategic Lead Policy and Partnerships that provided Members with an update on the Council's response to the climate emergency declaration of 10 July 2019.

The main points and themes within the report included: -

- Providing a background, noting that in July 2019 the Council had 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;
- Information on the Zero Carbon Coordination Group (ZCCG);
- Information on the draft terms of reference and key priorities of the ZCCG;
- Information on the various workstreams of the ZCCG; and
- Information on progress to date against the specific actions agreed in the climate emergency declaration of 10 July 2019.

The Chair stated that the previous discussion in relation to agenda item NESC/CCSG/19/03 had addressed the questions arising from this report and that progress against these actions would continue to be monitored.

In response to a question from the Chair the Officers report that they were on track to hold events in each ward in line with the timescale stated in the motion

The Chair further requested that a copy of the letter sent by Cllr Paul Andrews to the Greater Manchester Pension Fund regarding the divestment in fossil fuels to be circulated to Members of the Subgroup.

Decision

To note the report.

NESC/CCSG/19/04 Climate Emergency and Community Engagement

Decision

To defer consideration of this report to the next meeting of the Subgroup.

Reviewing Manchester's Climate Change Targets - DRAFT

Tyndall Manchester commissioned to review Manchester's climate change targets and recommend revised targets, as required, covering:

- Direct / energy-only CO₂ emissions
- Indirect / consumption-based CO₂ emissions
- CO₂ emissions from flights from Manchester Airport
- Target-setting and reporting methodology for organisations and sectors

A Review of Manchester's Carbon Budgets for Direct /Energy-only CO₂ Emissions

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Item 2

Responding to Climate Change

Meaningful targets limit CO₂ emissions over time

Limit for total CO₂ (carbon budget) in line with a climate change target – e.g. Paris Agreement

Effort to reduce emissions (reduction rate) depends on remaining emissions in the carbon budget (effort so far)

Average reduction rate and start point determine point at which emissions reach near or actual zero

Scope of Carbon Budgets

- Manchester's energy-only CO₂ carbon budget 2018-2100
 - Energy related emissions for all sectors within Manchester
- Making a fair contribution to meeting the objectives of the UN Paris Agreement on Climate Change
 - Well below 2°C
 - Equity principles
- Recommends
 - Total carbon budget of 15 MtCO₂ for Manchester (2018 to 2100)
 - An average 13% per annum minimum emissions reduction rate from 2018

Updates to the Carbon Budget Approach

Implications of the IPCC Special Report on 1.5°C for Manchester's carbon budget

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Context to Carbon Budgets

- 2017/18 Tyndall Manchester produced recommendations for Manchester playing its fair part in the Paris Agreement
- The carbon budget in that report is based on IPCC Fifth Assessment Report (AR5)
- Recommended review in light of latest science
- IPCC SR1.5 updated synthesis report on understanding of the remaining carbon budget released Nov 2018
- Updated Tyndall Manchester carbon budget setting

IPCC SR1.5

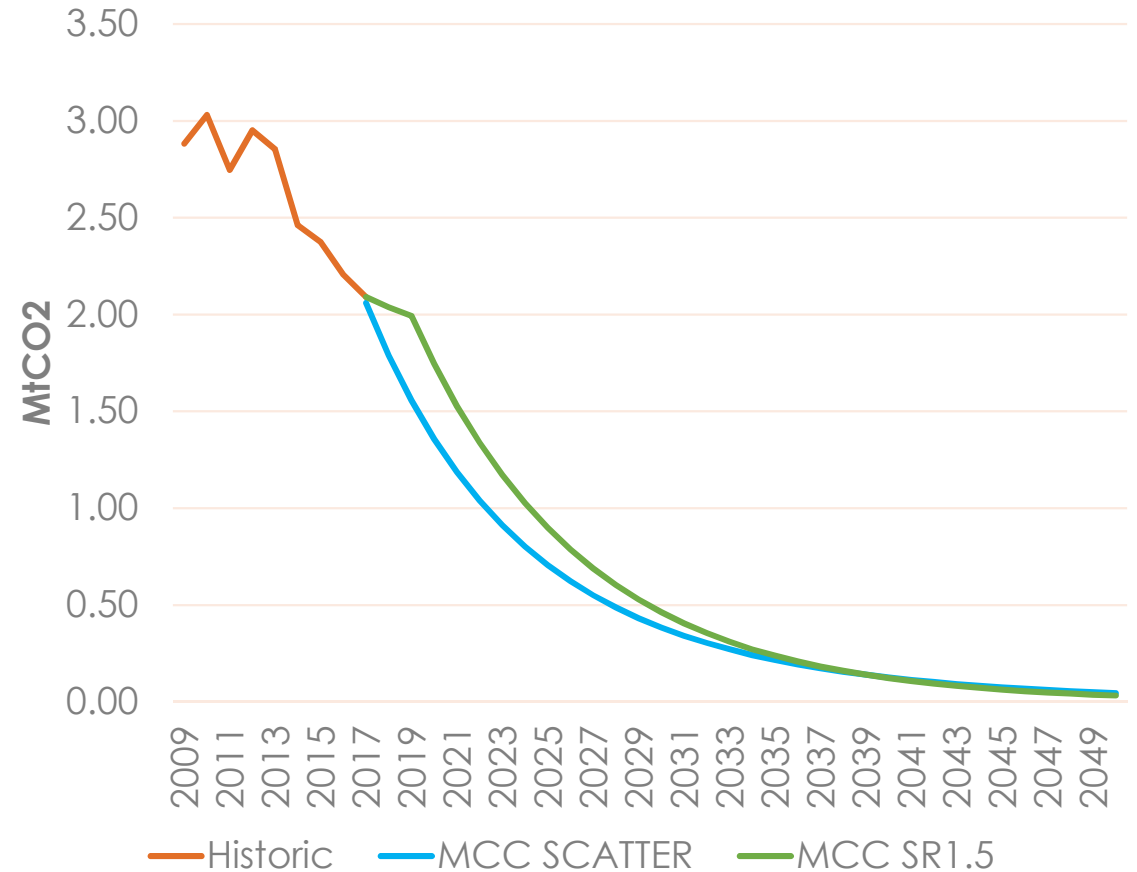
- Re-emphasis the critical importance of staying well below 2°C and urgent, wide ranging reductions in CO₂ emissions
- Latest understanding of relationship between CO₂ emissions and global temperature changes
- Larger remaining global carbon budget for temperature targets than in AR5
- Uncertainty in effect of non-CO₂ gases and feedbacks on remaining budget important to consider

Updated Tyndall Carbon Budget

- Retain Paris Agreement framing
 - Equity principle
 - 'well below 2°C pursuing efforts to 1.5°C'
- Use IPCC SR1.5 for remaining global carbon budget
- Revised estimate of global cement process emissions
- Reclassification of some developing nations

Comparing Carbon Budgets

- The updated approach carbon budget is 18 MtCO₂ for 2018 to 2100 compared to the current 15 MtCO₂
- This is 19% larger
- 2018/19 are historic emissions in updated approach.
- Updated budget reduction rate (12%) begins in 2020



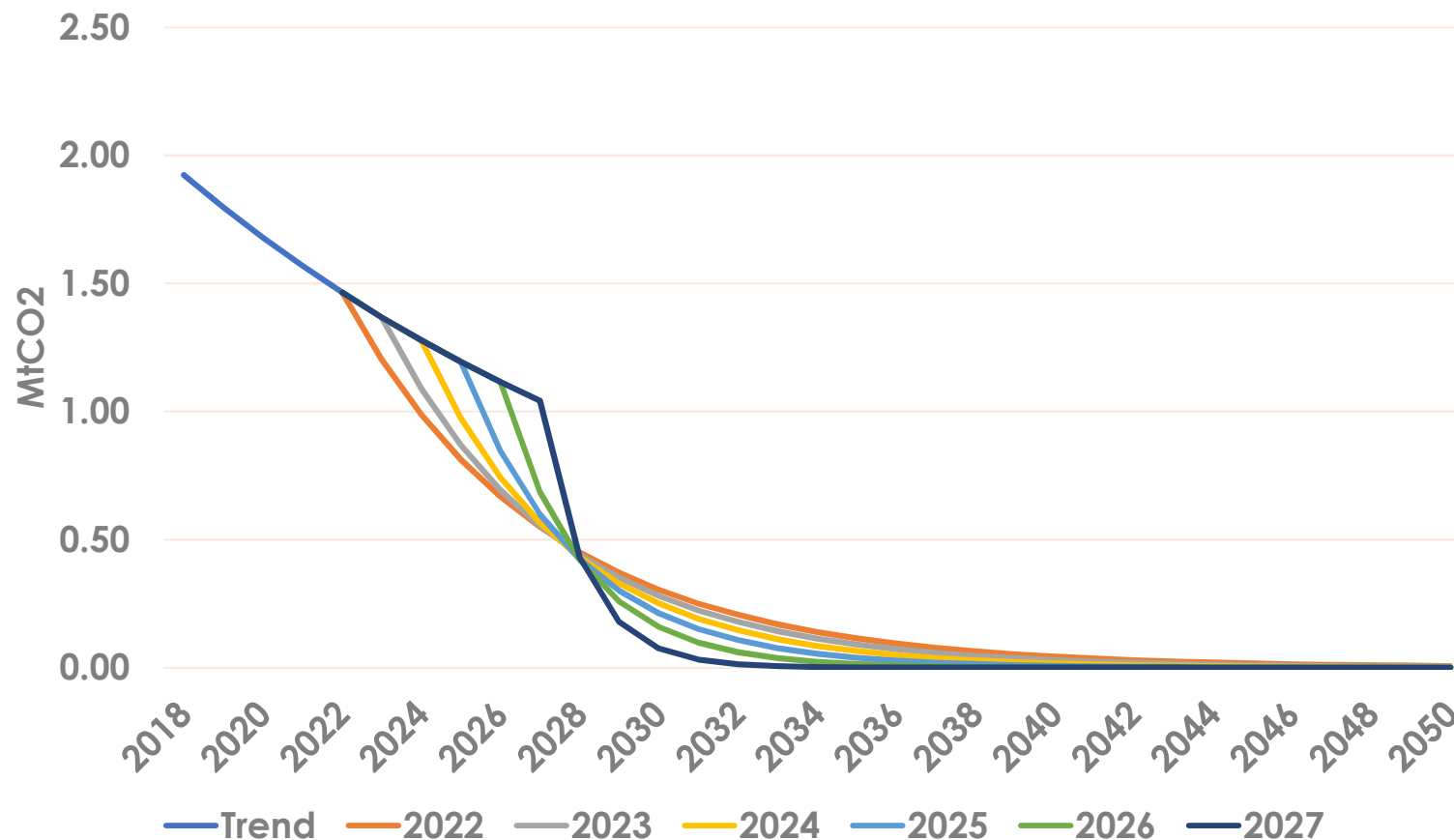
Comparing Carbon Budgets

Reduction in Emissions from 2015 level	MCC AR5	MCC SR1.5
2020	43%	27%
2025	70%	62%
2030	84%	81%
2035	91%	90%
2040	95%	95%
2045	97%	97%
2050	98%	99%

Energy-only CO ₂ Budget by Time Period (MtCO ₂)	MCC AR5	MCC SR1.5
2018-22	6.93	8.64
2023-27	3.59	4.57
2028-32	1.95	2.35
2033-37	1.10	1.21
2038-42	0.64	0.62
2043-47	0.38	0.32
2048-2100	0.59	0.34
Total	15.17	18.07

Budgets, Rates and End Years

Delayed action means faster reductions in future and earlier zero year to stay within the same carbon budget



Budgets, Rates and End Years

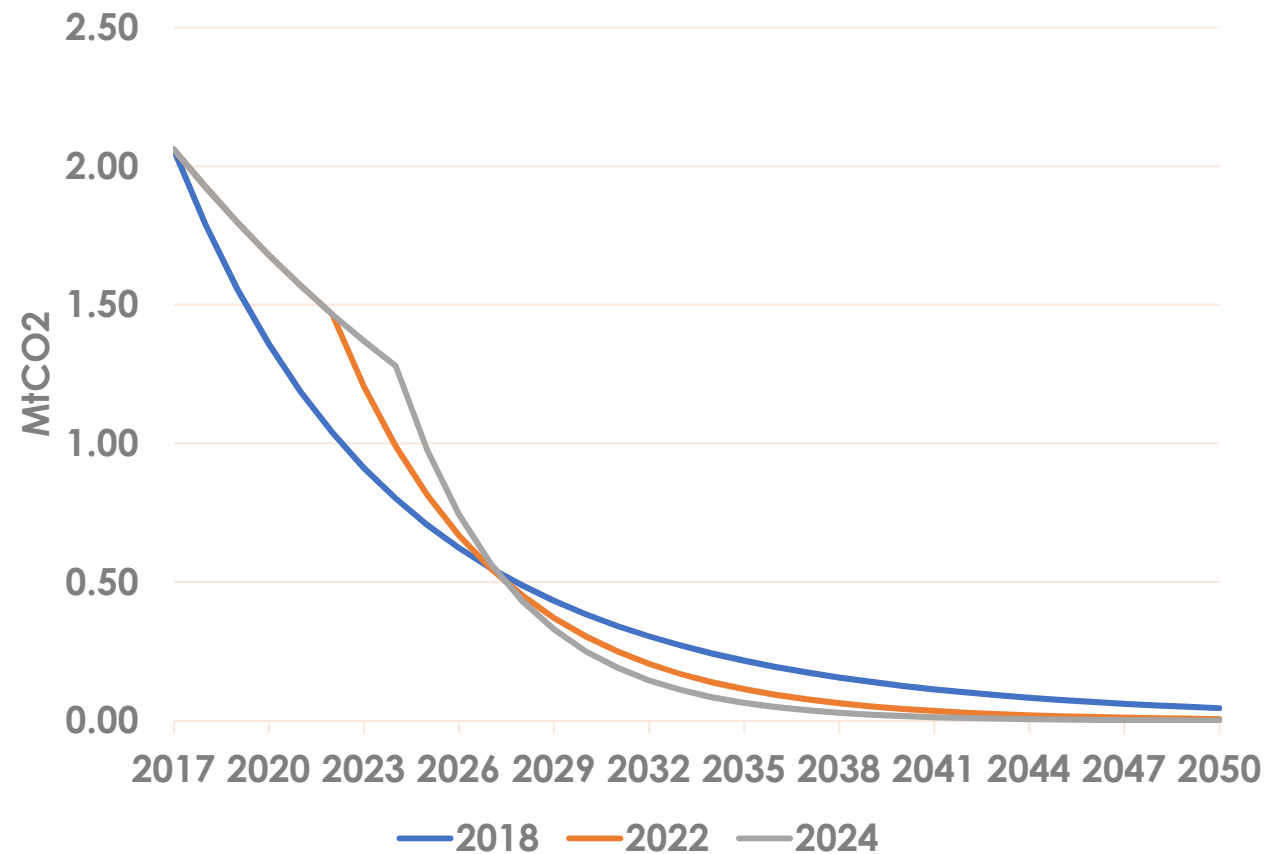
Examples for 15 MtCO₂:

Delayed action to 2022

- 18%/yr reduction
- Zero carbon in 2033

Delayed action to 2024

- 25%/yr reduction
- Zero carbon in 2030



Zero Carbon in 2030

- Carbon emissions over time (budget) primary significance
- An end date alone is insufficient for effective target setting
- Tyndall Manchester carbon budget sets maximum amount of carbon recommended to meet 'well below 2°C'
- Immediate implementation of rapid reduction rate essential for meeting carbon budget – delay has risks
- Alternative targets are only suitable if
 - a. Accompanied by a carbon budget less than the recommended maximum budget
 - b. Reduction rate is greater than 13% per year

Draft Recommendations

1. Retain the existing 15 MtCO₂ carbon budget
 - Below the maximum recommended budget in updated carbon budget - shows ambition and leadership
2. Revisit carbon budgets in five years or in response to a new scientific synthesis report
3. Focus on above 13% per annum reduction rate and meeting interim budgets
 - Increased reduction rate from 2020 onwards needed if 2018/19 are below 13% yearly reduction
 - Delaying rapid reductions further makes budget increasingly challenging

Thank you

Questions?

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Multiple sources of emissions

Airport Operations

Airport building services – “regulated energy consumption” (heating, lighting, AC)

Airport activities within buildings – energy consumed by appliances

Ground operations – tugs and other vehicles

} Within City target

Aircraft

Landing Take-off Cycle (LTO)

- Landing (from 1000ft to ground)
- Taxiing (movements on the ground)
- Take-off (from ground to 1000ft)

Cruise (above 1000 ft)

Other

Other organisations active at the airport including

- Businesses within airport buildings
- Air traffic control

Staff commuting

Passenger journeys to the airport

} Largely within GMCA targets

Air Traffic Trends - UK and Manchester

Trends in air traffic [TSGB0201](#)

Trends in air traffic at UK airports, 1992 to 2017

— Terminal passengers — Freight handled — Air transport movements

Index: 1992=100
300

250

150
100

1992 1997 2002 2007 2012 2017



2017

284 million

terminal passengers (arrivals and departures) - an increase of 6% from 2016 and almost 60% higher than in 2000.

2.6 million

tonnes of freight handled, 10% more than in 2016 and the largest amount on record.

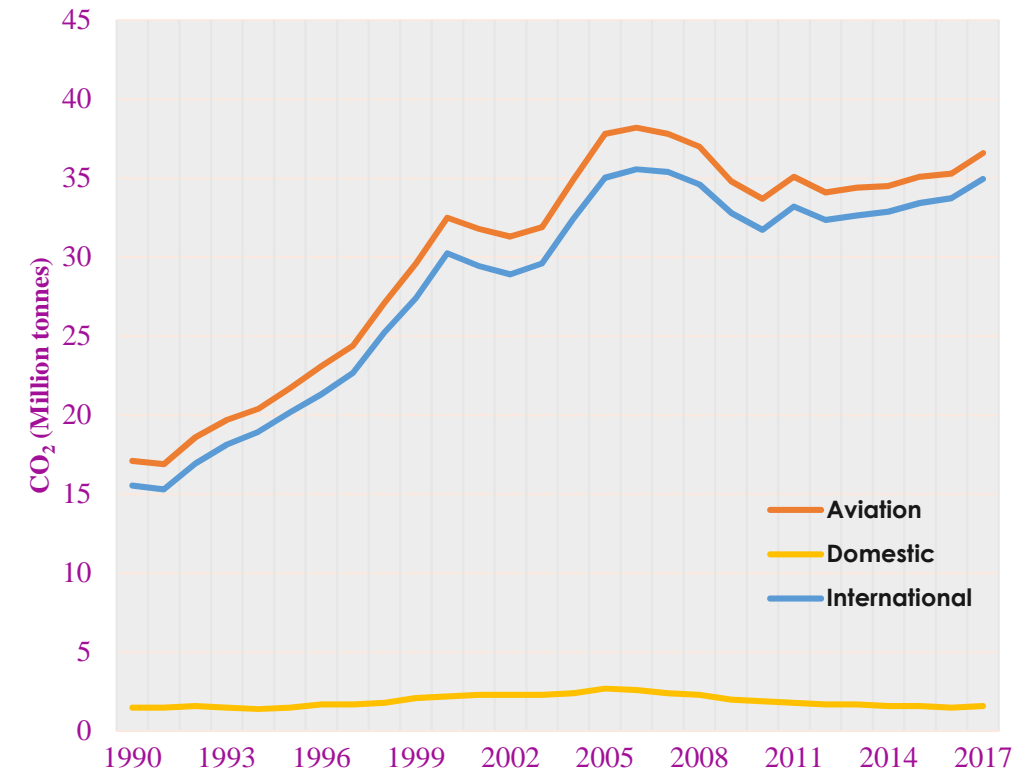
2.2 million

air transport movements (ATMs) (landings and take-offs), 2% more than 2016 but 5% less than the peak in 2007.

Manchester Airport is increasing absolute numbers (+2% in 2018) and share of passengers (10% of UK)

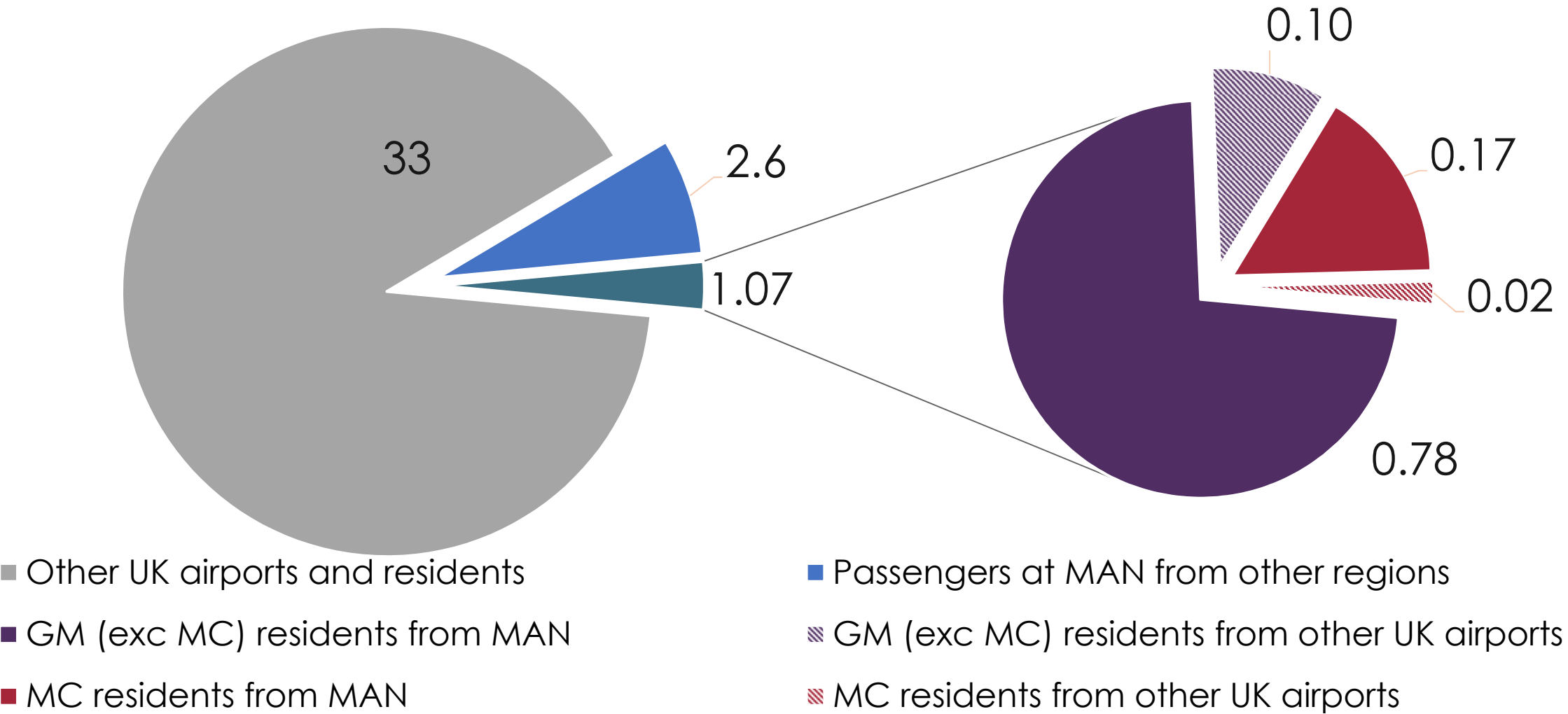
10% of UK CO₂ in 2017 and growing

Aviation CO₂ Emissions (UK)



Top down allocation by passengers (CAA data)

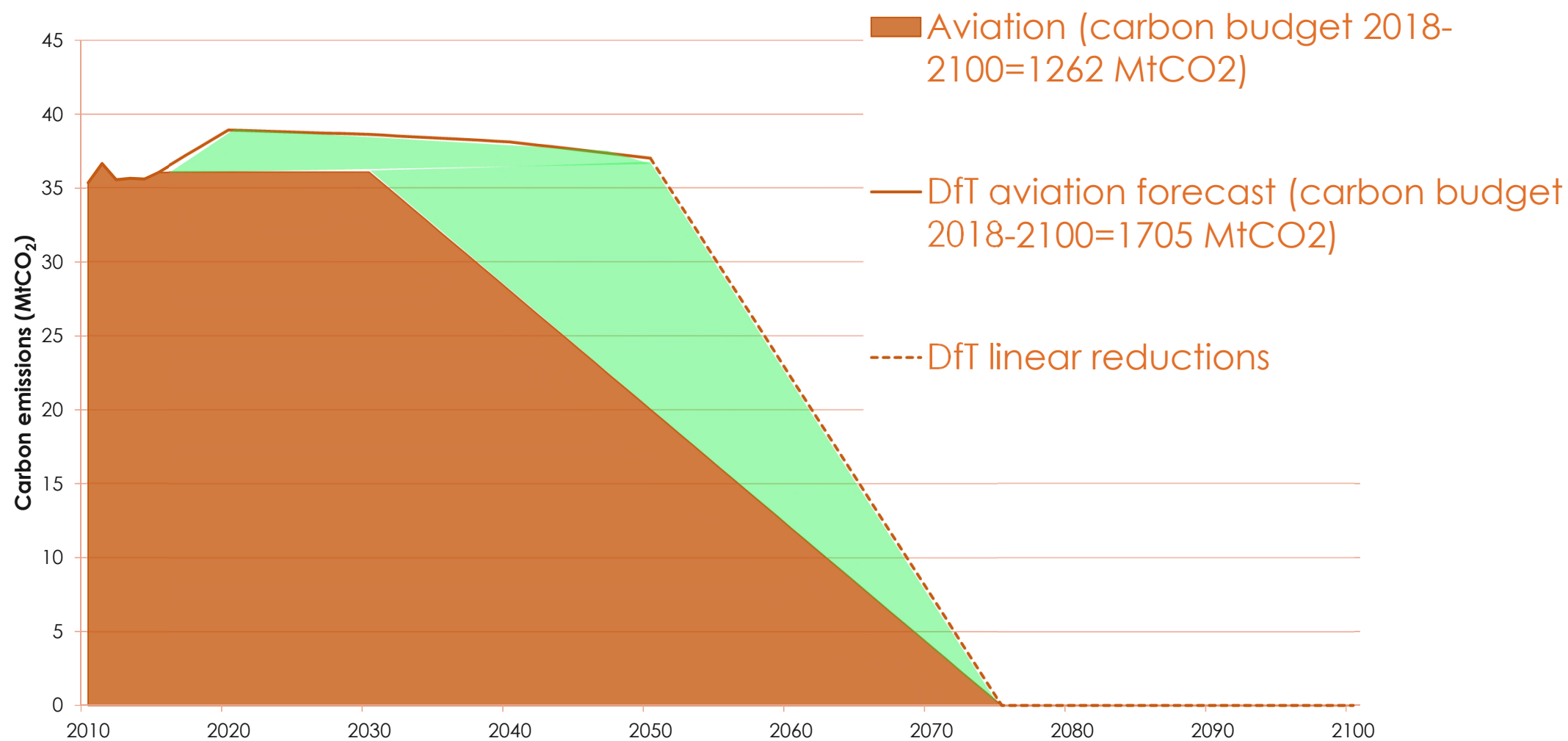
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Main other MAN users: Rest of NW, Yorkshire & Humber, West Midlands, East Midlands

Main other airports used by MC/GM: Liverpool, Heathrow, Stansted and Gatwick

National Aviation Pathway in Carbon Budgets



Headlines

Share of national aviation pathway (1262 MtCO₂, 2018 to 2100)

~7 MtCO₂ Manchester City residents (grandfathered)

~10 MtCO₂ Straight population share

Flying in comparison to other activities

15 MtCO₂ all other sectors

0.2 MtCO₂ annual emissions (~35-50 years equivalent)

Budgets cannot be combined at local scale (yet)

Assumptions

1. All MC/GM residents journeys are average for the UK
Do we travel to different destinations?

2. Residents flying from other airports figure is an underestimate, not all airports are sampled

- Included (~80%): Birmingham, East Midlands, Gatwick, Heathrow, Luton, Manchester, Stansted, London City, Liverpool, Leeds Bradford & Newcastle
- Excluded (~20%): **Edinburgh, Glasgow**, Bristol, Belfast (International + City), Aberdeen, **Doncaster Sheffield (~9%)**

Discussion points

Aircraft emissions can't be overlooked

1. Need to fit within national pathway
2. Accounting for residents' travel at city level is possible
3. Business reporting could be included but beware of double counting.
4. Could Manchester Airport become a pioneer organisation?
5. MCC should work with national government on Paris compliant aviation strategy as technological change is insufficient

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Manchester City Council Report for Information

Report to: Climate Change Subgroup - 23 January 2020

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 Subgroup 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 To deliver those outcomes, the Council (Officers & Members) work closely with communities in many different ways (neighbourhood forums, community groups, specific interest groups such as Climate Change). Work with these groups is linked in to the Council's Ward Co-ordination arrangements, where those priorities are included in an annual Ward Plan of action. This helps draw in the support of the wider Council, other Public Sector partners, businesses, residents Voluntary & Community Sector, and Charitable organisations. Tackling climate change is already being discussed and embedded in those Ward Plans, and the Council's small community grants offer (Neighbourhood Investment Fund (NIF)) has been targeted on ideas.
- 2.3 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. 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 (residents, community groups, businesses to public agencies) along on the journey to become a carbon neutral City. As there is a lot of Ward activity underway across the North, Central & South parts of the City, which is supported by Council resources in some way (Officers / funding / Members), below provides a small snapshot of this on how communities are reducing carbon and tackling climate change.

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

- Funded by the City Council and Transport for Greater Manchester, and working with Groundwork and Lancaster University, a new pilot scheme “Protecting Playgrounds” is underway. This is aiming to boost air quality in school playgrounds located next to major roads (Abbott Community Primary (Collyhurst) - Rochdale Rd, Manchester Communication Academy Primary (Harpurhey) - Rochdale Rd, St Ambrose RC Primary (Chorlton) - Princess Parkway, and Medlock Primary (Ardwick)- A6). It involves greening to provide natural filters to absorb pollution from passing traffic, as well as training pupils to monitor air pollution and devise cleaner routes. The experience will be shared for other schools across the City;
- 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);
- 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 and Active Travel:**

- 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) and throughout the City;
- Promotion of cycling and planned cycle lanes across South / Central (Beelines);
- Improving the confidence, and practical and road safety skills of young people, all year round, to encourage more walking and cycling to school (Bikeability, Living Streets);
- Across the City (e.g. Longsight, Northenden, Burnage, Chorlton Park+), building on Clean Air Day, Great Get Together and Active Streets (with MCRAActive), 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 recycables (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;

- Councillor led Climate Change workshop (December 2019) in the Chorlton Park Ward, to identify key actions that everyone can work on. Ideas relate to energy use at home, reducing waste (re-using/recycling), idle-free zones around schools, protecting wildlife+. A Climate Change Action Plan is now being developed for the Ward linked to 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 and Active Travel:

- 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 by linking in to existing community meeting structures or other ideas the community have to bring people together, so the climate change agenda is more embedded. This will help 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 (NT) Officers, will be a

priority for the new carbon literacy training sessions. (The NT Officer focus is already underway and will be completed by March 2020);

- 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 have already been held and will be completed by March 2020. It includes 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. The most recent Leadership Summit (October 2019- senior leaders in the Council), focused on Climate Change and taking responsibility. 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, Vehicle Idling, 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, Hassan, Jeavons, Kilpatrick, Lynch, 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	<p>1. Monitor progress of each point of the Climate Emergency motion carried by Manchester City Council on 10 July 2019.</p> <p>2. Ensure the Manchester Climate Change Action Plan includes specific, measurable targets and review progress towards achieving them, on a quarterly basis.</p> <p>3. Identify additional measures which could be put into place by MCC or partners to help reach the zero carbon target.</p> <p>4. Update the Neighbourhoods and Environment Scrutiny Committee 4 times a year.</p>
Key Lines of Enquiry	<p>1. Obtain reports from all relevant Departments in relation to progress of the points in the climate emergency motion, ensuring that deadlines are met.</p> <p>2. Obtain updates on progress of the production of the Climate Action Plan and regular updates once it is implemented.</p> <p>3. Investigate initiatives which could be considered to help achieve zero carbon targets.</p> <p>4. Obtain updates from each scrutiny committee to assess incorporation and progress of zero carbon actions in relation to each area of work.</p> <p>5. Invite and obtain reports from relevant experts, including from Greater Manchester Combined Authority to assess existing actions and suggest new ones.</p>
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 entrance to the Town Hall except where information which is confidential or exempt from publication is being considered.</p>

Schedule of Meetings	To be determined.
Commissioned	September 2019

**Neighbourhoods and Environment Scrutiny Committee – Climate Change Subgroup
Work Programme – 2020**

Meeting 2: 23 January 2020 at 2 pm in the Council Antechamber				
Deadline for reports: 13 January 2020				
Item	Purpose	Lead Executive Member	Lead Officer	Comments
The Tyndall Centre	To invite the Tyndall Centre for Climate Change Research to present and discuss their review of the scope and targets for Manchester's climate change commitments. The review will take into account the latest science and international best practice for cities and will include further analysis and recommendations on aviation and consumption based emissions.	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	Mark Rainey	Deferred from the meeting of 22 October 2019.
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: 18 March 2020 at 2pm in the Council Chamber				
Deadline for reports: 9 March 2020				
Item	Purpose	Lead Executive Member	Lead Officer	Comments
Operational Estates	To receive a report on the actions to reduce emissions from the MCC operational Estate.	Cllr Stogia	David Houliston	
Planning	To receive a report on the role that Planning Policies, both local and national can have in reducing CO ²	Cllr Stogia	Julie Roscoe	

	emissions.			
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	