

**GREATER MANCHESTER
GREEN CITY REGION PARTNERSHIP**

DATE: Tuesday 16 July 2024

TIME: 3.15 pm

VENUE: Teams

ANNUAL MEETING AGENDA

1. Appointment of Chair (Sue Johnson) (2 Minutes)

To note the appointment of Councillor Tom Ross, Portfolio Leader for the Green City Region as Chair of the Greater Manchester Partnership and Sue Johnson as Portfolio Lead Chief Executive for the Greater Manchester Green City Region Partnership.

2. Appointment of Vice-Chair for the 2024/25 Municipal Year (Chair) (2 Minutes)

To approve the appointment of Councillor Mike McCusker, Salford City Council as Vice-Chair of the Board.

3. Introduction, Welcome and Apologies (Chair) (3 Minutes)

BOLTON	MANCHESTER	ROCHDALE	STOCKPORT	TRAFFORD
BURY	OLDHAM	SALFORD	TAMESIDE	WIGAN

Please note that this meeting will be livestreamed via www.greatermanchester-ca.gov.uk, please speak to a Governance Officer before the meeting should you not wish to consent to being included in this recording.

4. **Agree Terms of Reference for the Green City Region Partnership (5 Minutes) (Chair)** 1 - 36

To agree the Terms of Reference for the 2024/25 Financial Year.

5. **Schedule of Meeting Dates for the 2024/25 Municipal Year (Chair) (2 Minutes)**

All meetings will take place at 10.00 am virtually unless otherwise stated on:

- 17 October 2024
- 23 January 2025
- 3 April 2025

Ordinary Meeting Business for Action

6. **Chair's Announcements and Urgent Business (Chair) (5 Minutes)**

7. **Declarations of Interest (Chair) (2 Minutes)** 37 - 40

To receive declarations of interest in any item for discussion at the meeting. A blank form for declaring interests has been circulated with the agenda; please ensure that this is returned to the Governance & Scrutiny Officer at least 48 hours in advance of the meeting.

8. **To approve the Minutes of the last meeting held on 4 April 2024 (Chair) 5 Minutes)** 41 - 44

9. **Quarter 1 Progress Report - 5 Year Environment Plan (5YEP)** 45 - 66
(10 Minutes)

Presented by Mark Atherton, Director of Environment, GMCA.

10. **Work Programme 2024/25 and Challenge Group Updates** 67 - 78
(20 Minutes)

Report and presentation by Challenge Group Chairs.

Ordinary Meeting Business for Discussion

11. **Behaviour Insights (20 Minutes)** 79 - 94

Presented by Sarah Mellor, Head of Sustainable Consumption and Production, GMCA.

12. **GM Net Zero Accelerator (20 Minutes)** 95 - 104

Report and presentation by Dan Griffiths, Head of Low Carbon, GMCA.

13. **Draft Five Year Environment Plan (5YEP) and Carbon Metrics** 105 - 128
(20 Minutes)

Presentations by Robyn Smith, Project Manager for the Mission Based Approach, GMCA. & Rachel Berman, Principal Researcher in Environment, GMCA.

For Information - To Be Taken as Read (10 Minutes)

14. Green Summit 2024

Verbal Update by Sarah Mellor, Head of Sustainable Consumption and Production, GMCA.

15. Implications of the New Government Manifesto Commitments 129 - 144

Presented by Mark Atherton, Director of Environment, GMCA.
Report by Jasmine Tebb , Policy Officer, and Inayah Hussain - Management Trainee, GMCA.

16. Green City Region Stakeholder Brief 145 - 148

Presented by Michelle Whitfield, Head of Communications, GMCA.

For copies of papers and further information on this meeting please refer to the website

www.greatermanchester-ca.gov.uk. Alternatively, contact the following

Governance & Scrutiny Officer: Jenny Hollamby

✉ jenny.hollamby@greatermanchester-ca.gov.uk

This agenda was issued on 9 July 2024 on behalf of Julie Connor, Secretary to the Greater Manchester Combined Authority, Broadhurst House, 56 Oxford Street, Manchester M1 6EU



Greater Manchester Green City Region Partnership

Date: 16 July 2024

Subject: Green City Region Partnership Terms of Reference 2024/5

Report of: Cllr Tom Ross, Leader of the Green City Region Portfolio

PURPOSE OF REPORT:

This report sets out the proposed Governance arrangements for the Green City Region Portfolio for the financial year 2024/25 for approval at this AGM.

It was agreed, at the GMCA meeting held in May 2024, that the GMCA Green City Region Portfolio Lead (Councillor Tom Ross, Trafford) be reappointed to Chair the GM Green City Region Partnership and Board for 2024/25 municipal year.

Given that the next 5 Year Environment Plan is due to be launched in the autumn, there are no substantial changes proposed to the Partnership Governance structure this year. It is likely that the existing Mission Based Approach will be reviewed over the coming months to assess how it may change to support delivery of the new plan.

Subject to approval today, there are potentially three new additions to the Partnership this year: Eve Holt, Strategic Director of GMMoving plus Voluntary Sector North West are currently electing two members to represent the Voluntary Sector.

RECOMMENDATIONS:

The Partnership is requested to:

1. Note the appointment of Chair and Vice Chair of the Green City Region Partnership for the 2024/25 municipal year – Cllr Tom Ross (Leader of Trafford MBC) and Cllr McCusker (Salford) respectively
2. Approve the revised Terms of Reference and governance structure for the Partnership for the 2024/25 municipal year including the Chair and Vice Chair arrangements for the Challenge Groups (Annex 01).
3. Agree to accept three new Members to the Partnership and consider whether there are any further gaps in Partnership Membership which should be filled.

CONTACT OFFICERS:

Jenny.Hollamby@greatermanchester-ca.gov.uk

Mark.Atherton@greatermanchester-ca.gov.uk

Robyn.Smith@greatermanchester-ca.gov.uk

ANNEX 01

Terms of Reference 2024/25

Portfolio	Green City Region Green City Region Partnership
Function/Purpose	<p>The purpose of the Greater Manchester Green City Region Partnership (the Partnership) is to provide strategic oversight of the delivery of the Greater Manchester 5 Year Environment Plan through a Mission Based Approach. In essence, the Mission Based Approach requires setting an ambitious Mission ‘Carbon Neutral City Region by 2038’ and breaking this down into manageable challenges. Rather than focusing on particular sectors, this approach focuses on problem specific challenges facing society, which will require many different sector’s involvement to solve.</p> <p>The Partnership is responsible, on behalf of the GMCA, for overseeing the monitoring and delivery arrangements for the Greater Manchester 5 Year Environment Plan and related elements of the Greater Manchester Strategy.</p> <p>The Partnership will:</p>

1. Work with partners to ensure that Greater Manchester can achieve the vision and objectives of the 5 Year Environment Plan, including the achievement of our longer-term target of carbon neutrality by 2038.
2. On behalf of GMCA, oversee the development and implementation of delivery programmes which contribute to achievement of Greater Manchester priorities articulated in the 5 Year Environment Plan.
3. Ensure that activities being undertaken are in line with local and national priorities.
4. Ensure that there is a robust evidence base for decision-making.
5. Regularly evaluate performance against Greater Manchester targets and priorities and support the identification of risks and opportunities.
6. Ensure that the work and investments of the Green City Region Partnership is integrated with and contributes to broader Greater Manchester priorities, communicating regularly with other Greater Manchester commissions and Boards (eg, Planning and Housing Commission, Transport, Waste, Infrastructure Committees and Local Enterprise Partnership/Business Board).
7. Influence local, national and international policies, legislation and programmes in order to deliver a secure, low carbon future for Greater Manchester.
8. Broker agreement at strategic level to resolve apparent barriers to delivery.
9. Identify potential resources and provide a strategic overview to ensure that all available resources are utilised to enable the city region to deliver its ambitious vision for carbon neutrality by 2038.

	<p>10. Actively engage with the ten districts and other Greater Manchester Authorities to act as a conduit for the sharing and adoption of good practices.</p> <p>11. Identify and undertake communication activities to engage with Greater Manchester stakeholders and communities on the 5 Year Environment Plan, acting within the scope of the GMCA Communications Strategy.</p>						
Delegations	None.						
Accountability	<p>The Partnership will be accountable to the GMCA. The Partnership will not make decisions, financial or otherwise, that require GMCA approval, but will refer and make recommendations to GMCA as appropriate.</p> <p>The Partnership will oversee delivery via a number of Challenge Groups, identifying individual tasks (Task and Finish Groups), synergies and gaps, then provision of appropriate advice to the GMCA on mitigation measures, including the development and delivery of future policies and strategies.</p>						
Statutory/Decision Making/Informal	Informal.						
Membership	<table> <tr> <td>Councillor Tom Ross</td> <td>Portfolio Holder & Chair</td> </tr> <tr> <td>Councillor McCusker</td> <td>Portfolio Assistant/Vice-Chair</td> </tr> <tr> <td>Sue Johnson</td> <td>Lead Chief Executive</td> </tr> </table>	Councillor Tom Ross	Portfolio Holder & Chair	Councillor McCusker	Portfolio Assistant/Vice-Chair	Sue Johnson	Lead Chief Executive
Councillor Tom Ross	Portfolio Holder & Chair						
Councillor McCusker	Portfolio Assistant/Vice-Chair						
Sue Johnson	Lead Chief Executive						

To be appointed	Waste & Recycling Committee Representative
Councillor Mike McCusker	Transport Committee and Housing and Planning Representative
Steve Connor	Greater Manchester Business Board Representative
Roger Milburn	ARUP, Strategic Infrastructure Board Chair
Ian Crewe	Environment Agency Representative
Ian Rutherford	GM Interfaith Climate Action Network
Hisham Elkadi	Salford University Representative
Carly McLaughlin	University of Manchester Representative, Tyndall Centre for Climate Change Research, 5 Year Environment Plan Forum Chair
Liz Price	Manchester Metropolitan University Representative
Eve Holt	GMMoving
To be appointed	2x Voluntary Sector Representatives
Bernard Magee	Siemens, Private Sector Representative
Chris Oglesby	Bruntwood, Private Sector Representative
Patrick Allcorn	Central Government Representative (DESNZ)
Kristina Poole	Central Government Representative (PHE)
Carl Moore/Steph Everett	Central Government Representatives (Homes England)
Louise Marix-Evans	Quantum, 5 Year Environment Plan Forum Vice-Chair

	Richard Halsey	Energy Systems Catapult, Low Carbon Challenge Group Chair
	Will Swan	University of Salford, Low Carbon Challenge Group Vice-Chair
	Anne Selby	Independent, Natural Capital Challenge Group Chair
	Chris Matthews	United Utilities, Natural Capital Vice-Chair
	Louise Blythe	BBC Academy, Green Communications Challenge Group Chair
	Paul Hooper	Manchester Metropolitan University, Sustainable Consumption and Production Challenge Group Chair
	Leigh Broadhurst	Suez, Sustainable Consumption and Production Challenge Group Vice-Chair
	Claire Igoe	NHS Greater Manchester Lead Policy Organisation Representatives
	Mike Taylor	Electricity North West Limited
	Phil Korbel	Cooler Projects
	Mark Atherton	GMCA, Lead Policy Organisation Representative
	Megan Black	Transport for Greater Manchester, Lead Policy Organisation Representative
Appointment of Chair (and Vice Chair)	The Chair of the Partnership is the Green City Region Portfolio Holder – Councillor Tom Ross. Portfolio Holders are appointed by the GMCA in June/July each year.	

	<p>The Lead Chief Executive is appointed to the Partnership as part of the GMCA process – Sue Johnson.</p> <p>The Vice-Chair/Portfolio Assistant will be appointed at the Annual Meeting of the Partnership in July each year.</p> <p>Appointments from other Committees are made at their Annual Meetings in June/July each year. These are the Waste and Recycling Committee, Transport Committee, and the Greater Manchester Business Board.</p>
Voting	N/A
Meeting arrangements	<p>The Partnership will meet on a quarterly basis. Meeting dates will be set once a year in advance and proposed at the Annual Meeting. The Annual Meeting of the Partnership will normally be held in July each year.</p> <p>Meetings will be held in public and non-confidential papers will be published on the GMCA website in advance. Papers will be issued five working days before meetings, and a meeting note will be issued within two weeks of the meeting date. The GMCA constitution describes the criteria which an item must meet in order for it to be considered in private. Reports which meet those confidentiality or exemption criteria will be considered in a Part B section of the meeting which excludes the public, as permitted under Schedule 12A of the Local Government Act 1972.</p>

	<p>The Partnership will commission Challenge Groups to undertake the specific activities on behalf of the Partnership.</p>
Challenge Groups	<p>The Partnership will commission Challenge Groups to undertake the specific activities on behalf of the Partnership. The Challenge Groups will be Chaired/Vice-Chaired by Partnership members.</p> <p>The following are proposed for 2024/25:</p> <ol style="list-style-type: none"> 1. Low Carbon (Richard Halsey and Will Swan) 2. Natural Capital (Anne Selby and Chris Matthews) 3. Communications and Engagement (Louise Blythe and Vacancy) 4. Sustainable Consumption and Production (Paul Hooper and Leigh Broadhurst) 5. 5 Year Environment Plan Forum (Carly McLachlan and Louise Marix-Evans) <p>The Terms of Reference for the Challenge Groups will be devised by each Group and agreed by the Partnership (see below)</p> <p>Each of the Challenge Groups will be asked to drive forward action to achieve the targets set out in the 5 Year Environment Plan, report upon progress and identify any barriers, which need to be overcome for further progress to be made towards achieving the overall mission. The Challenge Groups will establish Task and Finish Groups as required to undertake specific activities.</p>
Roles and Responsibilities	Lead Portfolio Holder and Chair

As set out in the Greater Manchester Strategy, Portfolio Leads will own and lead the development of the Greater Manchester response to those strategic priorities that fall within their remit.

The Portfolio Lead for Green City Region will:

- Chair the Green City Region Partnership and Board.
- Provide strategic direction for Greater Manchester's Green City Region approach.
- Maintain oversight of key programmes within the portfolio.
- Ensure alignment between Green City Region policies and programmes and broader Greater Manchester priorities.
- With the Lead Chief Executive, agree the agenda and papers for each meeting.
- Provide strategic input and direction to Greater Manchester and national leadership.
- Represent the Partnership in high profile discussions, events and activities at GM level and beyond.
- Represent the Partnership in engagement with GMCA and the Greater Manchester Business Board.

Partnership Members

It is expected that Partnership Members will:

- Regularly attend and contribute to meetings.
- Thoroughly review papers and inform the work of the Partnership.
- If appropriate, Chair or Vice-Chair one of the Challenge Groups and regularly report on progress to the Partnership.
- Individually lead specific programmes that contribute to strategic objectives where appropriate.
- Actively identify and advise upon the adoption of good practice.
- Act as a conduit to and represent on the Partnership, the organisation and/or professional field they come from.
- Ensure that they maintain full accountability and transparency to the Partnership on any activities carried out on behalf of the Partnership.
- That any comment or activity undertaken in their capacity as a Partnership Member is aligned with and endorsed by the Partnership.
- Support and enable communication with wider stakeholders about the work of the Partnership, acting as advocates for the Partnership's work.

Supporting Officers

To co-ordinate activity across the programme, the Lead Chief Executive, or deputy, will Chair an Environment Programme Delivery Executive Group.

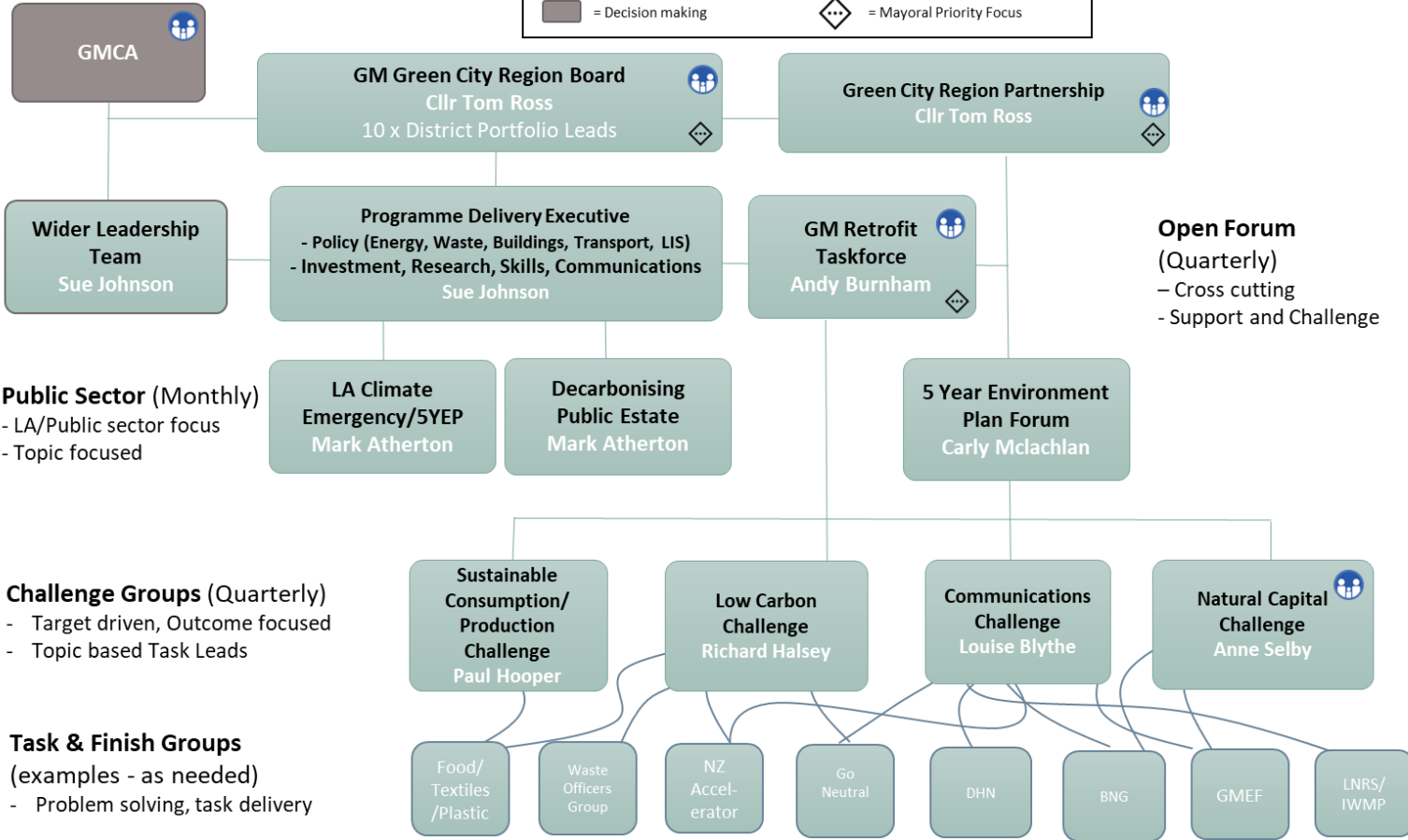
	<p>Supporting Officers will:</p> <ul style="list-style-type: none"> • Provide regular briefings to the Portfolio Lead, Lead Chief Executive, Partnership and Board on the Green City work programme. • Provide relevant and timely information and reports to the Partnership and Board to enable them to provide timely advice to support the GMCA. • Provide updates to Partnership and Board Members as requested on relevant programmes of work.
Support Arrangements	<p>The Partnership will be supported by the Director of Environment, GMCA, the Greater Manchester Environment Team and other teams as appropriate Transport for Greater Manchester (TfGM) (Transport) and the Manchester Growth Hub (Sector Development). Democratic support will be provided by the GMCA Governance and Scrutiny Team.</p>
Lead contact	<ul style="list-style-type: none"> • Mark Atherton, Director of Environment, GMCA (mark.atherton@greatermanchester-ca.gov.uk) • Jenny Hollamby, Senior Governance Officer, GMCA (jenny.hollamby@greatermanchester-ca.gov.uk)
Date TOR were approved	16 July 2024

Green City Region Governance – Mission Based Approach

Governance

Legend

- = Advisory – Non Decision making
- = Decision making
- ⊙ = Elected Member Representation
- ◇ = Mayoral Priority Focus



Public Sector (Monthly)
 - LA/Public sector focus
 - Topic focused

Challenge Groups (Quarterly)
 - Target driven, Outcome focused
 - Topic based Task Leads

Task & Finish Groups
 (examples - as needed)
 - Problem solving, task delivery

Open Forum
 (Quarterly)
 - Cross cutting
 - Support and Challenge

Key Influencers



ANNEX 1c – Challenge Groups Terms of Reference

Portfolio	Five Year Environment Plan Forum
Function/Purpose	<p>The Forum brings together partners to support delivery against the targets in the Five Year Environment Plan (5YEP) and the target of carbon neutrality by 2038.</p> <p>The Forum supports a whole system approach across a spectrum of activities. These may include but are not restricted to:</p> <ul style="list-style-type: none"> • Review reports from Challenge Groups and identify ways to support and scale interventions/project etc. • Assess barriers and opportunities and put forward measures to overcome them communicating these to Challenge Groups/Green City Region Partnership as appropriate. • If required, assign individual tasks to Task and Finish Groups, and monitor progress on the tasks. • Produce reports, publications and policy recommendations as required; • Support delivery through partner organisations and networks - raising funding and commission work on the ground to accelerate delivery where possible. • Provide link between community groups and activity in the 5YEP and the GCR Partnership. • Provide link between businesses and activity in the 5YEP and the GCR Partnership • Support lobbying asks to national government where appropriate.

	<ul style="list-style-type: none"> • Support GM role in contributing to local, national and international climate action, governance and networks. <p>5YEP Forum Members will, through their commitment and participation, act as conduits to their wider organisations/business units.</p>
Accountability	<p>The Forum operates as part of the Green City Region Mission Based Approach and reports to the Green City Region Partnership on a quarterly basis.</p>
Membership	<p>The Forum comprises a Chair and Vice Chair plus appropriate members from the public/private/voluntary sectors of GM. Group members may be asked, at the discretion of the Chair, to assume responsibility for certain portfolios or tasks.</p> <p>Carly McLachlan, Tyndall Centre for Climate Change Research, Chair Louise Marix-Evans, Quantum, Vice Chair Adam Briggs, National Farmers Union Alex Forrest, City of Trees Amy House, Growth Company Angie Jukes, Natural England Beth Sharratt, GMCVO Brad Blundell, Anthesis Brian Handcock, Balfour Beatty</p>

Charlie Baker, Red Coop
Charlotte Thwaite, Food Sync
Craig Morley, Bruntwood
David Healy, Keele University
David Schiele, Energy Innovation Agency
Deborah Murray, Groundwork
Ellie Voke, Procure Plus
Emma Gardner, Diocese of Salford
Sarah Fletcher-Hogg, NHS
Helen Boyle, Cadent Gas
Ian Taylor, GMCVO
Jackie Copley, CPRE Lancashire
Jemma Hynes, Food Sync
John Hannen, GMCVO
Jonathan Atkinson, Carbon Coop
Kit Knowles, Ecospheric
Leigh Broadhurst, Suez
Lydia Meryll,
Lynda Stefek, TfGM
Mark Burton, Steady State Manchester
Mark Easedale, Environment Agency
Michael Ormerod, Groundwork

	<p>Mike Hemmingway, Salford Nick Houghton-Best, Nibe Owen Porter, Bruntwood Patrick Hackett, University of Manchester Pete Abel, Friends of the Earth Phil Korbel, Carbon Literacy Trust Richard Shires, Steady State Manchester Robin Lawler, Independent Robin Adderly, Nibe Sam Bolton, City of Trees Sam Nicholson, Manchester Climate Change Agency Stephanie Wyatt, Groundwork Steve Connor, Creative Concern Viki Lee, GMCVO Will Swan, University of Salford Thomas Hague, Procure Plus</p>
<p>Appointment of Chair (and Vice Chair)</p>	<p>The Chair is appointed by the Chair of the GCR Partnership on behalf of the Combined Authority.</p> <ul style="list-style-type: none"> • Chair: Carly McLachlan, UoM Tyndall Centre • Vice Chair: Louise Marix-Evans, Quantum

Meeting arrangements	The Group will meet quarterly for 1.5 hours, with meeting dates arranged for a full financial year to align with the GCR Partnership timeline.
Lead contact	GMCA Robyn.Smith@greatermanchester-ca.gov.uk
Date TOR were approved	TBC

ANNEX 03

Portfolio	Green Communications Delivery Challenge Group
Function/Purpose	<p>The Green Communications Delivery Challenge Group brings together communications, marketing and engagement leads focused on the green agenda from the ten Greater Manchester districts and key city region delivery partners.</p> <p>The group intends to:</p> <ul style="list-style-type: none">• Create a shared narrative of delivery for the environment in Greater Manchester.• Collaborate and jointly work on projects and initiatives, supporting delivery of the Five-Year Environment Plan or other emerging green priorities.• Work with the Sustainable Consumption and Production Challenge Group’s behaviour change task and finish group to provide comms support for their behaviour change campaigns.• Deliver communications campaigns based on key audiences.• Amplify individual campaign activity via the group’s myriad partner channels.• Share insight and best practice across organisations. <p>Working groups, reporting into the overall group, may be formed for strategically important projects, such as the annual Greater Manchester Green Summit.</p>

Accountability	The Challenge Group operates as part of the Green City Region and reports to the Green City Region Partnership on a quarterly basis.
Membership	<p>The Challenge Group comprises a Chair and Vice Chair plus appropriate members from the public/private/voluntary sectors of GM. Group members may be asked, at the discretion of the Chair, to assume responsibility for certain portfolios or tasks.</p> <p>Louise Blythe, BBC (Chair) Aimee Lawless, City of Trees Alan Wright, Lancashire Wildlife Trust Amy Louvre, MMU Andrew Swarbrick, RHS Anna Bond, Manchester Climate Change Agency Bernadette Colligan. Rochdale Claire Smith, Growth Company Courtney Lambert, 10GM Dien Curtis, Bruntwood Ellen Sherlock, Manchester Climate Change Agency Emma Williams, SSE Fiona Turner, Manchester Jacqui Musson, Growth Company Jonathan Morgan, ENWL</p>

Kasia Juraszek, Wigan
Louise Egan, Rochdale
Louise Hayes, NHS
Matthew Sutcliffe, Bolton
Michael Chick, Suez
Nikki Brown, Marketing Manchester
Rosie Cade, Green Finance Institution
Sarah Bazley, Environment Agency
Simon Donohue, TfGM
Stephanie Boyle, Growth Company
Stephanie Wyatt, Groundwork
Sue Hill, Salford
Tom Jackson, VSNW
Viki Lee, GMCVO
Mark Atherton, GMCA
Michelle Lynch, GMCA
Michelle Whitfield, GMCA
Oscar Lynch, GMCA
Robyn Smith, GMCA
Sarah Mellor, GMCA
Tom Davies, GMCA

Appointment of Chair (and Vice Chair)	<p>The Chair is appointed by the Chair of the GCR Partnership on behalf of the Combined Authority.</p> <ul style="list-style-type: none">• Chair: Louise Blythe, BBC• Vice Chair: Vacant
Meeting arrangements	<p>The Group will meet every six weeks for 1 hours, with meeting dates arranged for a full financial year to align with the GCR Partnership timeline.</p>
Lead contact	<p>GMCA</p> <p>Thomas.Davies@greatermanchester-ca.gov.uk</p> <p>Michelle.Whitfield@greatermanchester-ca.gov.uk</p> <p>Robyn.Smith@greatermanchester-ca.gov.uk</p>
Date TOR were approved	<p>10th July 2024</p>

ANNEX 04

Portfolio	Low Carbon Challenge Group
Function/Purpose	<p>The Greater Manchester Low Carbon Challenge Group brings together partners to deliver against the targets in the Five Year Environment Plan (5YEP).</p> <p>The targets for 2019-2024 include:</p> <ul style="list-style-type: none"> • Increasing local renewable energy generation, adding at least a further 45MW • Decarbonising how we heat our buildings, adding at least a further 10TWh of low carbon heating. • Increasing the diversity and flexibility of our electricity supply, adding at least a further 45MW of diverse and flexible load. • Reduce heating demand from existing homes – making progress in scaling up to what is required (i.e. retrofit on the scale of 61,000 properties per year reducing heat loss by 57% up to 2040). • Reduce heating demand from existing public and commercial buildings (i.e. requiring retrofit on the scale of a 30% reduction in space heating demand by 2040) <p>The challenge group will work collaboratively to accelerate and scale up activity addressing key barriers to achieving the targets.</p> <p>The Challenge Group activities include but are not restricted to:</p>

	<ul style="list-style-type: none"> • Assess barriers and opportunities and put forward measures to overcome them and communicating these to Challenge Groups/Green City Region Partnership as appropriate. • Assign individual tasks to Task and Finish Groups and monitor progress on the tasks. • Produce reports, publications and policy recommendations as required; • Raise funding, engage contractors and commission work on the ground to accelerate delivery. • Support delivery through your own organisations and networks. • Take full account of existing work and seek to join up where possible and desirable. • Support lobbying asks to national government where appropriate. • Support GM role in contributing to local, national, and international climate action, governance and networks. <p>Challenge Group Members will, through their commitment and participation, act as conduits to their wider organisations/business units.</p>
<p>Accountability</p>	<p>The Challenge Group operates as part of the Green City Region and reports to the Green City Region Partnership on a quarterly basis.</p>

Membership	<p>The Challenge Group comprises of a Chair and Vice Chair plus appropriate members from the public/private/voluntary sectors of GM. Group members may be asked, at the discretion of the Chair, to assume responsibility for certain portfolios or tasks.</p> <p>Richard Halsey, Energy Systems Catapult (Chair) Will Swan, University of Salford Alex Edwards, Bruntwood Amer Gaffar, Manchester Metropolitan Museum Andy Barrow, Trust Renewables Andy Kippax, Stockport Bean Beanland, Heat Pump Federation Charlie Baker, Red Coop Craig Morley, Bruntwood Daniel Dickinson, Energy Innovation Agency David Healy, Keele University David Kemp, Turner Townsend David Schiele, Energy Innovation Agency Emma Harvey-Smith, Green Finance Institute Eric Adams, Carlton Power Helen Boyle, Cadent Gas Jonathan Atkinson, Carbon Coop Katherine Burden, Growth Company</p>
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	<p>Kit Knowles, Ecospheric Lynda Stefek, TfGM Matt Ferretti, Green Finance Institute Matt Turner, AECOM Michael Wilton, Arup Neil Hind, NHS Sam Nicholson, Manchester Climate Change Agency Sue Gibson, Arup Tracey Lynn, ENWL Joe Crolla, GMCA Mark Atherton, GMCA Robyn Smith, GMCA Sarah Holland, GMCA Sean Owen, GMCA Thomas Addison, GMCA Todd Holden, GMCA</p>
Appointment of Chair (and Vice Chair)	<p>The Chair is appointed by the Chair of the GCR Partnership on behalf of the Combined Authority.</p> <ul style="list-style-type: none">• Chair: Richard Halsey, Energy Systems Catapult• Vice Chair: Will Swan, University of Salford

Meeting arrangements	The Group will meet quarterly for 2 hours, with meeting dates arranged for a full financial year to align with the GCR Partnership timeline.
Lead contact	GMCA Robyn.Smith@greatermanchester-ca.gov.uk
Date TOR were approved	TBC

Portfolio	Natural Capital Group
Function/Purpose	<p>The NCG delivers the Local Nature Partnership in the Greater Manchester area. Greater Manchester is pioneering innovative approaches for investing in and managing the environment, supporting the implementation of the 5 Year Environment Plan (5YEP). Our purpose is to ensure that nature and the services it provides are protected and enhanced to deliver value to communities across Greater Manchester.</p> <p>The NCG targets/priorities include:</p> <ul style="list-style-type: none"> • Manage our land sustainably, including planting 1 million trees by 2024 – creating rich habitat, in good condition for wildlife, delivering partnership projects at a landscape scale. • Managing our water and its environment sustainably – enhancing water quality and reducing the risk of flooding. • Achieving a net gain in biodiversity for new development – embedding the natural environment in decision making and championing the wider benefits to society this brings, such as improving health and wellbeing. • Increasing investment into our natural environment – a good deal for nature by working with national and local government and the private sector. • Increasing our engagement with our natural environment – more people and businesses inspired by, and taking action for, wildlife, with more people visiting local green spaces.

- Embracing natural capital approaches to deliver environmental enhancements such as greater carbon sequestration and biodiversity net gain.
- Develop the means to measure the social value of Greater Manchester's environment, drawing on measures such as health and wellbeing benefits for the population and nature and greenspace indicators.

The Challenge Group activities include but are not restricted to:

- Assess barriers and opportunities and put forward measures to overcome them and communicating these to Challenge Groups/Green City Region Partnership as appropriate.
- Assign individual tasks to Task and Finish Groups and monitor progress on the tasks.
- Produce reports, publications and policy recommendations as required;
- Raise funding, engage contractors and commission work on the ground to accelerate delivery.
- Support delivery through your own organisations and networks.
- Take full account of existing work and seek to join up where possible and desirable.
- Support lobbying asks to national government where appropriate.
- Support GM role in contributing to local, national, and international climate action, governance and networks.

	Challenge Group Members will, through their commitment and participation, act as conduits to their wider organisations/business units.
Delegations	None
Accountability	The Challenge Group operates as part of the Green City Region and reports to the Green City Region Partnership on a quarterly basis.
Statutory/Decision Making/Informal	Informal
Membership	<p>The Challenge Group comprises of a Chair and Vice Chair plus appropriate members from the public/private/voluntary sectors of GM. Group members may be asked, at the discretion of the Chair, to assume responsibility for certain portfolios or tasks.</p> <p>Executive members</p> <p>Anne Selby Chris Matthews, United Utilities Adam Briggs, National Farmers Union Andrew Swarbrick, RHS Deborah Murray, Groundwork Derek Richardson, Tameside Ginny Hinton, Natural England</p>

	<p>Jessica Twist, City of Trees</p> <p>Jo Holden, Peel</p> <p>Jon Grace, NHS</p> <p>Mark Easedale, Environment Agency</p> <p>Petula Neilson, Natural England</p> <p>Tom Burditt, Lancashire Wildlife Trust</p> <p>Will Horsfall</p> <p>David Hodcroft, GMCA</p> <p>Kathy Oldham, GMCA</p> <p>Mark Atherton, GMCA</p> <p>Mark Turner, GMCA</p> <p>Rachel Morrison, GMCA</p> <p>Robyn Smith, GMCA</p> <p>Sam Evans, GMCA</p> <p>Tom Davies, GMCA</p>
Appointment of Chair (and Vice Chair)	<p>The Chair is appointed by the Chair of the GCR Partnership on behalf of the Combined Authority.</p> <ul style="list-style-type: none"> • Chair: Anne Selby • Vice Chair: Chris Matthews, UU
Voting	N/A

Meeting arrangements	The Group will meet quarterly for 2 hours, with meeting dates arranged for a full financial year to align with the GCR Partnership timeline.
Lead contact	<p>Sam Evans, Head of Natural Environment, GMCA (samuel.evans@greatermanchester-ca.gov.uk)</p> <p>Jenny Hollamby, Senior Governance Officer, GMCA (jenny.hollamby@greatermanchester-ca.gov.uk)</p> <p>Robyn Smith, Project Manager for the Mission Based Approach, (robyn.smith@greatermanchester-ca.gov.uk)</p>
Date TOR were approved	2 nd July 2024

ANNEX 06

Portfolio	Sustainable Consumption and Production Challenge Group
Function/Purpose	<p>The Greater Manchester Sustainable Consumption and Production Challenge Group brings together partners to deliver against the targets in the Five Year Environment Plan (5YEP).</p> <p>The SCP targets/priorities include:</p> <ul style="list-style-type: none"> • Produce goods and services more sustainably, moving to a circular economy • Become more responsible consumers. • Managing our waste as sustainably as possible. • Reducing unnecessary food waste. <p>The challenge group will work collaboratively to accelerate and scale up activity addressing key barriers to achieving the targets.</p> <p>The Challenge Group activities include but are not restricted to:</p> <ul style="list-style-type: none"> • Assess barriers and opportunities and put forward measures to overcome them and communicating these to Challenge Groups/Green City Region Partnership as appropriate. • Assign individual tasks to Task and Finish Groups and monitor progress on the tasks. • Produce reports, publications and policy recommendations as required;

	<ul style="list-style-type: none"> • Raise funding, engage contractors and commission work on the ground to accelerate delivery. • Support delivery through your own organisations and networks. • Take full account of existing work and seek to join up where possible and desirable. • Support lobbying asks to national government where appropriate. • Support GM role in contributing to local, national, and international climate action, governance and networks. <p>Challenge Group Members will, through their commitment and participation, act as conduits to their wider organisations/business units.</p>
Accountability	The Challenge Group operates as part of the Green City Region and reports to the Green City Region Partnership on a quarterly basis.
Membership	<p>The Challenge Group comprises of a Chair and Vice Chair plus appropriate members from the public/private/voluntary sectors of GM. Group members may be asked, at the discretion of the Chair, to assume responsibility for certain portfolios or tasks.</p> <p>Paul Hooper, MMU Leigh Broadhurst, Suez Adrian Morley, MMU Alex Forrest, Eunomia</p>

	<p>Charlotte Thwaite, Food Sync Claire Igoe, NHS Corin Bell, Open Kitchen MCR Helen Ashcroft, Trafford Jemma Hynes, Food Sync Juan Ferriz-Papi, University of Salford Matt Chard, GMFRS David Taylor, GMCA Mark Atherton, GMCA</p>
Appointment of Chair (and Vice Chair)	<p>The Chair is appointed by the Chair of the GCR Partnership on behalf of the Combined Authority.</p> <ul style="list-style-type: none"> • Chair: Paul Hooper, MMU • Vice Chair: Leigh Broadhurst, Suez
Meeting arrangements	<p>The Group will meet quarterly for 2 hours, with meeting dates arranged for a full financial year to align with the GCR Partnership timeline.</p>
Lead contact	<p>GMCA Robyn.Smith@greatermanchester-ca.gov.uk Sarah.Mellor@greatermanchester-ca.gov.uk</p>

Date TOR were approved	TBC
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Declaration of Councillors' Interests in Items Appearing on the Agenda

Name and Date of Committee: _____

Agenda Item Number	Type of Interest - PERSONAL AND NON PREJUDICIAL Reason for declaration of interest	NON PREJUDICIAL Reason for declaration of interest Type of Interest – PREJUDICIAL Reason for declaration of interest	Type of Interest – DISCLOSABLE PECUNIARY INTEREST Reason for declaration of interest

Please see overleaf for a quick guide to declaring interest at GMCA meetings.

Quick Guide to Declaring Interests at GMCA Meetings

Please note: should you have a personal interest that is prejudicial in an item on the agenda, you should leave the meeting for the duration of the discussion and the voting thereon.

This is a summary of the rules around declaring interests at meetings. It does not replace the Member's Code of Conduct; the full description can be found in the GMCA's constitution Part 7A.

Your personal interests must be registered on the GMCA's Annual Register within 28 days of your appointment onto a GMCA committee and any changes to these interests must notified within 28 days. Personal interests that should be on the register include:

1. Bodies to which you have been appointed by the GMCA.
2. Your membership of bodies exercising functions of a public nature, including charities, societies, political parties, or trade unions.

You are also legally bound to disclose the following information called Disclosable Personal Interests which includes:

1. You, and your partner's business interests (e.g., employment, trade, profession, contracts, or any company with which you are associated).
2. You and your partner's wider financial interests (e.g., trust funds, investments, and assets including land and property).
3. Any sponsorship you receive.

Failure to disclose this information is a criminal offence

Step One: Establish whether you have an interest in the business of the agenda

1. If the answer to that question is 'No' then that is the end of the matter.
2. If the answer is 'Yes' or Very Likely' then you must go on to consider if that personal interest can be construed as being a prejudicial interest.

Step Two: Determining if your interest is prejudicial

A personal interest becomes a prejudicial interest:

1. Where the wellbeing, or financial position of you, your partner, members of your family, or people with whom you have a close association (people who are more than just an acquaintance) are likely to be affected by the business of the meeting more than it would affect most people in the area.
2. The interest is one which a member of the public with knowledge of the relevant facts would reasonably regard as so significant that it is likely to prejudice your judgement of the public interest.

For a non-prejudicial interest, you must:

1. Notify the Governance and Scrutiny Officer for the meeting as soon as you realise you have an interest.
2. Inform the meeting that you have a personal interest and the nature of the interest.
3. Fill in the declarations of interest form.

To note:

1. You may remain in the room and speak and vote on the matter.

If your interest relates to a body to which the GMCA has appointed you to, you only have to inform the meeting of that interest if you speak on the matter.

For prejudicial interest, you must:

1. Notify the Governance and Scrutiny Officer for the meeting as soon as you realise you have a prejudicial interest (before or during the meeting).
2. Inform the meeting that you have a prejudicial interest and the nature of the interest.
3. Fill in the declarations of interest form.
4. Leave the meeting while that item of business is discussed.
5. Make sure the interest is recorded on your annual register of interests form if it relates to you or your partner's business or financial affairs. If it is not on the Register update it within 28 days of the interest becoming apparent.

You must not:

Participate in any discussion of the business at the meeting, or if you become aware of your disclosable pecuniary interest during the meeting participate further in any discussion of the business, participate in any vote or further vote taken on the matter at the meeting.



Minutes of the Green City Region Partnership

Held Virtually on Thursday 4 April 2024 at 10.30 am

PRESENT:

Councillor Tom Ross (TR)	Portfolio Leader for the Green City Region
Councillor Steve Adshead (SA)	Waste & Recycling Committee Representative
Councillor Alan Quinn (AQ)	Bury Council
Councillor Adrian Pearce (AP)	Tameside Council (Observer)
Sue Johnson (SJ)	GMCA Chief Executive Lead for the Green City Region
Patrick Allcorn (PA)	Department for Energy Security and Net Zero (DESNZ)
Andy Barrow (AB)	Trust Renewables
Steve Connor (SC)	Creative Concern and GM Business Board
Hisham Elkadi (HE)	University of Salford
Richard Halsey (RH)	Catapult (Chair Low Carbon Challenge Group)
Paul Hooper (PH)	Manchester Metropolitan University (Chair Sustainable Consumption & Production Challenge Group)
Claire Igoe (CI)	NHS Greater Manchester
Andy Judd (AJ)	(for Ian Crewe) Environment Agency (EA)
Phil Korbel (PK)	Cooler Projects
Roger Milburn (RM)	Arup
Liz Price (LP)	Manchester Metropolitan University
Ian Rutherford (IR)	Greater Manchester Faith Communities
Anne Selby (AS)	Independent (Chair Natural Capital Challenge Group)
Dame Sarah Storey (SS)	Active Travel Commissioner (For Item 7)
Will Swan (SW)	University of Salford (Vice-Chair Low Carbon Challenge Group)

OFFICERS IN ATTENDANCE:

Mark Atherton (MA)	Director of Environment, GMCA
Megan Black (MB)	Head of Logistics & Environment, TfGM
Sam Evans (SE)	Head of Natural Environment, GMCA
Jenny Hollamby (JH)	Governance & Scrutiny Officer, GMCA
Rory Matthews (RM)	Senior Policy and Partnerships Officer, GMCA

OFFICERS IN ATTENDANCE:

Robyn Smith (RS) Project Manager Environment and Low Carbon,
GMCA

Claire Stocks (CS) Active Travel Strategy Officer, GMCA (for Item 7)

Minute No	Resolutions	Responsible
GCP/40/24	<p>Apologies for Absence</p> <p>a) Apologies were received and noted from Louise Blythe (BCC), Ian Crewe (EA), Bernard Magee (Siemens), Louise Marix-Evans (Quantum), Councillor Mike McCusker (Salford City Council), Carly McLaughlin (The University of Manchester), Simon Nokes (GMCA) and Chris Oglesby (Bruntwood).</p>	Noted
GCP/41/24	<p>Chair's Announcements and Urgent Business</p> <p>a) Whilst there were no announcements or urgent business introduced by the Chair, the Partnership noted the updates provided around awards won, the solar array at Wellington High School, and Starling Bank being the bike hire sponsor.</p>	Noted
GCP/42/24	<p>Declarations of Interest</p> <p>a) Councillor Alan Quinn declared a personal interest in Item 6 - Work Programme by virtue of him being a City of Trees Interim Board Member.</p>	Noted
GCP/43/24	<p>To Approve the Minutes of the Last meeting</p> <p>a) That the minutes of the last meeting dated 25.1.24 be approved as a correct record.</p> <p>b) GCP/27/23 – the Partnership was asked to forward membership nominations for the 2024/25 Municipal Year to MA.</p> <p>c) GCP/30/23/2 – IR informed the Partnership that the Food Programme Board was being progressed and update would be provided at the next meeting. It was noted that the GM Networks Connect met on 6.3.24 and Officers were asked to look out for further details.</p>	<p>Approved</p> <p>All/MA</p> <p>IR/All</p>

	<p>d) GCP/30/23/3 – That CM provide a Green Wash Free City update at the next meeting.</p> <p>e) GCP/32/23/5 – It was reported that a shorter version of lobbying asks document had been produced and would be discussed again at the next meeting.</p> <p>f) GCP/32/23/6 – That LB provide an update about the Vice-Chair of the Communications and Marketing Challenge Group be at the next meeting.</p>	<p>CM</p> <p>MA</p> <p>LB</p>
GCP/44/24	<p>Quarter 4 Progress Report – 5 Year Environment Plan (5YEP)</p> <p>a) That the progress outlined in the report and latest position set out in the dashboard attached at Annex 01 of the report be noted.</p>	<p>Noted</p>
GCP/45/24	<p>Work Programme 2023/24 & Challenge Group Updates</p> <p>a) That the progress in developing the Mission Based Approach and the associated Challenge Groups be noted.</p> <p>b) That RH consider grid constraints as part of the Low Carbon Challenge Group.</p> <p>c) That RH and SC discuss accelerated commercial retrofit.</p> <p>d) That PA speak to RH about the accelerator programme.</p> <p>e) That the Natural Capital Challenge Group consider swift bricks and them being included in local plans.</p> <p>f) That a deep dive on EV infrastructure, demand and take up be considered at a future meeting.</p>	<p>Noted</p> <p>RH</p> <p>RH/SC</p> <p>PA/RH</p> <p>AS</p> <p>MB/MA</p>
GCP/46/24	<p>Active Travel</p> <p>a) That the Active Travel fresh update be noted.</p> <p>b) That SC provide Business Board support.</p> <p>c) That CI speak to SS regarding a package of interventions to increase active travel amongst NHS staff.</p> <p>d) SS confirmed that the slide deck could be shared.</p> <p>e) That IR invite SS to the Faith and Belief Advisory Panel.</p>	<p>Noted</p> <p>SC/SS</p> <p>CI/SS</p> <p>All</p> <p>IR/SS</p>

GCP/47/24	<p>Biodiversity Emergency & State of Nature</p> <p>a) That the Partnership noted the contents of the State of Nature report, progress in developing the Greater Manchester Local Nature Recovery and compliance with the biodiversity duty.</p> <p>b) That key bottle necks that allowed for the passage of invasive species be shared with SE.</p> <p>c) That SC/SE discuss Business Board support.</p> <p>d) That work take place around quantifying the work and pressure on local systems.</p>	<p>Noted</p> <p>All</p> <p>SE/SE</p> <p>SE</p>
GCP/48/24	<p>Green City Region Communications</p> <p>a) That the Partnership noted the updated Communications Strategy and provided comments on the proposed communications activity for 2024-25.</p> <p>b) That work would take place with the City of Trees to consider planting trees on closed landfill sites.</p> <p>c) That comments around using Tiktok and Instagram for communication messages be taken on board.</p>	<p>Noted</p> <p>MW</p> <p>MW</p>
GCP/49/24	<p>Local Energy Advice Demonstrator Programme Update</p> <p>a) That the update be received and noted.</p> <p>b) Acknowledged that when letters were sent to residents there was a need to reassure them that the Energy Advisors were legitimate.</p>	<p>Noted</p> <p>Noted</p>
GCP/50/24	<p>Next 5YEP Update</p> <p>a) That the Partnership noted the update.</p> <p>b) That future updates be considered by the Partnership.</p>	<p>Noted</p> <p>MA</p>
GCP/51/24	<p>Dates and Times of Future Meetings</p> <p>a) That dates and times of future meetings be circulated by JH asap.</p>	<p>JH</p>



Greater Manchester Green City Region Partnership

Date: 16 July 2024

Subject: Q1 PROGRESS REPORT - 5 YEAR ENVIRONMENT PLAN (5YEP)

Report of: Mark Atherton, Director Environment, GMCA

PURPOSE OF REPORT

The report provides the usual update on progress of the Green City Region Partnership for the first quarter of 2024/25 (Apr – Jun 2024) and key milestones for the second quarter (Jul – Sep 2024).

RECOMMENDATIONS:

The Partnership is recommended to:

1. Note and comment upon the progress outlined in this report and latest position set out in the dashboard attached at:
 - a. Annex 01 (5 Year Environment Plan Performance Overview) and available online at: [Five Year Environment Plan \(2019-24\) Progress \(gmtableau\)](#).
These dashboards will be updated during Summer 2024. The versions presented here show progress up to and including March 2024.

CONTACT OFFICERS:

Contact Officer: Mark Atherton, GM Director of Environment
Mark.atherton@greatermanchester-ca.gov.uk

1. OVERVIEW OF PROGRESS

The update at Annex 01 (5 Year Environment Plan Performance Overview) contains a summary of key progress across all areas within the 5 Year Environment Plan up to and including March 2024. During the last quarter there are a number of key successes to be highlighted, set out below:

1.1 Energy

- DEEP Phase 3 (Heat and Energy Network Opportunity Areas) – Oldham progressing with commercialisation phase with consultant support now in place. Bolton progressing procurement (planned for Q3). Trafford work on Detailed Project Designs and Green Heat Network Fund (GHNF) round 8 application ongoing. Bury is out to tender for a consultant to undertake a feasibility study. Engagement with five other districts is ongoing to support pipeline development activity.
- Local Area Energy Plans (LAEPs) – Department for Energy Security and Zero Net (DESNEZ) Grant Funding Agreement in progress. Programme Manager appointed (subject to references) with a notional start date of 22nd July.
- Local Energy Advice Demonstrator (LEAD) – Communications on [‘Feel the Benefit’](#) campaign ongoing.
- Go Neutral Smart Energy – Closed Buro Happold main commission surveying sites with an additional nine waste sites being surveyed. In total, 90 sites have been surveyed with 10 sites proceeding to procurement. A review of the surveys has been completed with identified issues informing future work.
- Smart Energy – Work underway to design the Accelerator Work Programme for Go Neutral to overcome deployment barriers for generation and storage. Owner's engineer consultant, Barker Associates, appointed to support the procurement of a preferred supplier for schools. 30 schools recruited to the Powering Our Schools with solar roof surveys completed.
- Energy innovation Agency (EIA) - Successful engagement event held at Circle Square. Work is continuing well with less Combined Authority input needed.
- Trafford Energy Park – Formal issue of Agreements expected in Quarter 2 (post-election). Funding bid submitted for Kraft Heinz in Wigan and an extension to the

Trafford project under the second allocation round. The Highview energy storage plant on the Trafford Low Carbon Energy Park has secured funding.

- Bee Net Zero (BNZ) – Workshop held in April with Carbon Literacy Project, Green Economy. Ailuna, Greenr, Mobility Ways, MMU, Litmus Sustainability, and MOSI to discuss employee engagement campaign development. Materials finalised for the BNZ Commitment. Four decarbonisation events held between May and June with University of Bolton, Green Economy, Pro-Manchester, and NatWest. Green Economy research completed with 50 companies to understand their decarbonisation plans and associated barriers. 25 businesses engaged on '[Bee Net Zero Trafford Park](#)' initiative. Consideration now being sought for wider projects including heat networks, hydrogen, mass adoption of solar PV, and how to work with Business Improvement Districts.

1.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) – SHDF Wave 2.1 project partners (nine) on site with installations.
- Public Sector Decarbonisation Scheme (PSDS) – PSDS 1 'Plan B' Measurement and Verification (M&V) approach completed and engagement for commercial considerations in progress. Final programme outstanding due to appointment delays. Salix audit completed, all risks have been responded to and concluded. PSDS 3a Single Year - Delivery of delayed completion programme ongoing (expected completion November 2024). PSDS 3a and 3b - 23/24 final year payment received. PSDS 3c - Application received outside of 'first past the post' time frame and therefore unsuccessful.
- Retrofit GM (Your Home Better) – Work continuing without GMCA resources. A single customer journey offer is being developed to cover both grant funding and willing to pay markets.
- ECO4 - NHS Project Manager at final stage of pre-advertisement authorisation (internal-only advertisement in NHS).
- Bee Net Zero (BNZ) – 25 businesses engaged on '[Bee Net Zero Trafford Park](#)' initiative. Consideration now being sought for wider projects including heat networks, hydrogen, mass adoption of solar PV, and how to work with Business Improvement Districts. Workshop held in April with Carbon Literacy Project, Green Economy. Ailuna, Greenr, Mobility Ways, MMU, Litmus Sustainability, and MOSI to discuss employee engagement campaign development. Materials finalised for the BNZ Commitment. Four decarbonisation events held between May and June

with University of Bolton, Green Economy, Pro-Manchester, and NatWest. Green Economy research completed with 50 companies to understand their decarbonisation plans and associated barriers.

- Good Landlord Charter – Responses to Good Landlord Charter public consultation analysed. Meetings held with Local Authority and regulatory partners to inform charter design.

1.3 Transport

- Active Bee Network – Nine schemes completed in the period 15th January 2024 to 15th April 2024 delivering a total of 5.8km of Bee Active Network, taking the total completed to 115.5km.
- Bike Hire Scheme – Availability averaging 1200 bikes whilst negotiations are made with Operator for Post Recovery Operating model. Suspended stations being re-opened.
- Public Transport and Active Travel Usage - Metrolink patronage up 21% on last year (5% above pre-pandemic levels). Rail patronage is up 19% on an equivalent period last year (7% below pre-pandemic levels) with industrial action now in its third calendar year. Total bus patronage data shows passenger journeys were up 5% on last year. Since its launch there have been more than 35 million journeys on Bee Network services.
- Salford E-scooter Trial – Trial continuing in Salford with TfGM supporting to understand how this could form part of the Bee Network upon conclusion in May 2026 (pending legislation). Average trips per day in June was 1266 (as of 18th June) with additional vehicles deployed in Salford to meet demand and expand the scheme to Eccles and Patricroft.
- Bus Franchising - Tranche 3 mobilisation underway with all four operators (Metroline, Stagecoach, Go North West and Diamond) on track. School procurement delayed due to withdrawal of Yellow School Bus Fleet. Contract award pushed back to September 2024.
- Bus Fare Evaluation – [Bus fare offers evaluation report](#) published.
- Zero Emission Bus Regional Areas (ZEBRA) scheme and City Region Sustainable Transport Settlements (CRSTS) – 94 CRSTS funded Zero Emission Buses ordered for delivery by end of 2024. 170 ZEBRA funded Zero Emission Buses ordered by Stagecoach includes c.30 at risk of delay (mitigation plans underway).

ZEBRA 2 bid was unsuccessful. Secured funding (CRSTS and ZEBRA 1) remains at c.600 Zero Emission Buses.

- Electric Vehicle Charging Infrastructure Delivery and [Taxi EVI project](#) – Approaching conclusion of Taxi and Early Measures Programme. There are now 2027 publicly available charging points in Greater Manchester and 10,988 privately owned Electric Vehicles (as at Quarter 4, October - December 2024), a 57% growth since the same quarter in 2022.

1.4 Sustainable Consumption and Production

- Scope 3 Emissions - Work continues to progress on profiling the Combined Authority's scope 3 carbon emissions. Phase 1 report is currently being revised and phase 2 development of action plan and toolkit is continuing.
- Consumer Behaviour Insights – Wave 10 (April 2024) sustainability survey completed. Segmentation based on environmental attitudes and behaviours has been revised from four to seven segments.
- Textiles Feasibility Study – Manchester Metropolitan University (MMU) has secured funding to run a textiles waste composition analysis. Pilot will analyse quality of textile waste deposited in Household Waste Recycling Centre textile banks and kerbside household residual waste in Greater Manchester.
- School's Eco Refill Pilot – Pilot to reduce single-use plastics and increase refill and reuse in the community is progressing. 9 out of 10 schools have launched and are continuing to run their eco-refill shops. A replacement high school in Stockport will commence the pilot in September 2024. Third [blog](#) published on the GM Green City website. [Climate Relay](#) took place on 14th June with eight Greater Manchester Schools participating, including two Eco-Refill pilot schools - St Mary's, Sale and St Margaret Mary's, Manchester.
- Refill (City to Sea) – Communications to promote Greater Manchester as a [Refill Destination](#) are continuing with the number of Refill stations in our city region increasing by over 10% (as at March 2024). World Refill Day communications campaign delivered including mini toolkit, social media takeover and blog - [Refilling our way to a Greener Greater Manchester - GM Green City](#).
- Spend Analysis Public Estate – Follow-on analysis underway to review catering consumables and disposables purchased for use across the public sector estate (baseline from 2021).

- Food Waste Prevention – Food Waste report and infographic completed to identify policies and actions to reduce household food waste and redistribution of surplus food in Greater Manchester. The first meeting of the Food Security Action Network (FSAN) Sustainability Sub-Group took place in May 2024 with recommend actions to support the ‘Right to Grow’ initiative to allow access to public land for community growing projects.
- Climate Change E-learning Module – Draft module on single-use plastics and plastic waste complete.
- Recycle for Greater Manchester (R4GM) – Applications to the [Community Fund](#) closed on 31st May 2024. Work underway with Manchester City Council on 'Give It Don't Bin It' student campaign. Content to be shared with other Local Authorities who have a transient student population.

1.5 Natural Environment

- Local Nature Recovery Strategy (LNRS) – Draft Opportunity Maps completed, and engagement commenced with Local Authorities and partners. Feedback received on the priorities and quantitative targets for LNRS and measures (practical actions) for the strategy drafted. Continued delivery of communications including social media content, [blogs](#) and newsletters.
- Biodiversity Net Gain (BNG) – Supporting Greater Manchester Ecological Unit (GMEU) in the development of a third-party habitat bank regulation service including production of a habitat banking strategy, criteria, and template S106. A Responsible Body application is in progress to enable conservation covenants to be entered into with Local Authorities.
- Greater Manchester Environment Fund - Round 5 of the [Green Spaces Fund](#) opened for applications (deadline Friday 26th July 2024).
- Nature for Health – Application to Green Social Prescribing (GSP) extension was successful and Greater Manchester is now in receipt of £354,0000 to deliver the programme. Local delivery partners commissioned to lead the programme in Bury, Stockport, Salford, Oldham, Manchester, and Rochdale.

1.6 **Green Summit**

- Green Summit – Date agreed for the event on 9th December 2024 at The Lowry, Salford Quays. Communications to commence after 8th July (post general election). Planning in progress.

1.7 **Greater Manchester 5 Year Environment Plan 2024 onwards**

- Analysis of Local Authority and elected member surveys completed with outcomes informing the draft 5-Year Environment Plan actions. Engagement Plan developed to connect with Greater Manchester residents, businesses and key stakeholders on the proposed themes, priorities, and actions of the Plan. Focus Group planning in progress.

2. KEY ANTICIPATED ACTION IN THE NEXT QUARTER

As a priority, the following activities will be delivered in the next Quarter:

2.1 **Energy**

- Deep Phase 3 – Progress work on Bolton, Oldham, Stockport, Trafford, Rochdale and Bury schemes. Other Local Authorities to consider applying for GHNF funding. GMCA to support activity via DESNZ Accelerator.
- Local Area Energy Plans (LAEPs) – Onboard new programme Manager. Consider implications of any new policy announcements.
- Go Neutral – Assessment of land and building assets for generation potential, procurement of key commissions, and overhaul of Go Neutral pipeline.
- Smart Energy – Complete Powering Our Schools Phase 1 procurement appointment with new Owner's Engineer, Barker Associates.
- Energy Innovation Agency (EIA) – Continued focus on expanding and converting end user pool into commercial delivery.
- Trafford Energy Park – Sign Agreements for Trafford Hydrogen Project. Await outcome of funding applications.

- Bee Net Zero (BNZ) – Finalise Terms of Reference with board members and disseminate Green Economy’s research findings. Draft tender for external commissioning of employee engagement campaign. Launch BNZ commitment and roadshow with at least five Local Authorities (Trafford, Salford, Stockport, Wigan, and Rochdale). Hold event with Pro-Manchester and the Institute of Chartered Accountants in England and Wales (ICAEW) on the role of accountants in business decarbonisation.

2.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) – Progress wave 2.1 with all Registered Providers of social housing (17) to be on site with installations.
- Public Sector Decarbonisation Scheme (PSDS) – Resolution of PSDS 1 Measurement and Verification commercial discussions. Coordinate 'Plan B' approach with Partners and Salix to enable Measurement and Verification to commence. On going support of programme completion for PSDS 3a Single Year, PSDS 3a Multi Year and PSDS 3b.
- Retrofit GM (Your Home Better) – Mobilise new single retrofit portal offer and onboard suppliers via the retrofit framework.
- ECO4 Flex scheme – NHS Project Manager to be in post. Targeted engagement of schools to commence. All three installers to be on track to meet signed declaration targets.
- Good Landlord Charter – Report on the final Good Landlord Charter design scheduled for the Combined Authority on 12th July. Commence procurement of independent implementation unit. Trainees to complete Good Landlord Scheme Trainee Programme apprenticeships.
- Net Zero New Development - Continued development of net zero homes pipeline.

2.3 Transport

- Active Bee Network – Three additional schemes are forecast to complete in the period 15th April 2024 to 15th July 2024, delivering an additional 3.8km of Bee Active Network.
- Salford E-scooter Trial – Deploy additional vehicles in Salford and expand the scheme area to Eccles and Patricroft.

- Bus Franchising – Continue Tranche 3 mobilisation and electrification of five depots - Bolton (Phase 2), Middleton and Queens Road, and Ashton and Hyde Road. New vehicles to be delivered.
- City Region Sustainable Transport Settlements (CRSTS) Zero Emission Buses (ZEBs) – Develop Fleet and Depot Strategy including definition of 2030 requirement (i.e. assumed number of buses), assessment of suitability of existing depot estate, soft market engagement, development of formal market engagement plan and Outline Programme Case for electrification including high level financial assessment. Orders to be placed for further Zero Emission Buses to meet Clean Air Plan (CAP) compliance. Progress Central Park Strategic Outline Business Case to inform development (planning application currently deferred, expected completion December 2024).
- Electric Vehicle Charging Infrastructure Delivery and [Taxi EVI project](#) – Continued mobilisation of Local Electric Vehicle Infrastructure (LEVI). Finalisation and evaluation of Early Measures and Taxi Programmes. Commence EV Taxi survey to understand awareness, barriers, and use of dedicated chargers. Continue EV work programme to increase charging options. Mobilisation of programme with Office for Zero Emissions Vehicles (OZEV) and Energy Saving Trust.

2.4 Sustainable Consumption and Production

- Scope 3 Emissions - Complete revised report and development of action plan and toolkit to support reduction of scope 3 emissions.
- Consumer Behaviour Insights – Analysis and dissemination of Wave 10 study (April 2024).
- Textiles Feasibility Study – Commence textiles waste composition analysis pilot with MMU.
- School's Eco Refill Pilot – Continue to support pilot schools with the running of their eco refill shops, data collection and communications. On board Stockport High School for September start.
- Refill (City to Sea) – Continue to roll-out programme of communications including case study development, Plastic Free July campaign and support for returnable cup scheme pilot at University of Manchester.
- Spend Analysis Public Estate – Complete follow-on analysis for catering consumables and disposables purchased for use across the public sector estate.

- Foundational Economy Innovation Fund – Announcement of successful phase 2 applications (post general election).
- Food Waste Prevention – Complete proposal on rationale for an update of the ESTA report commissioned by Greater Manchester LEP in 2014 on ‘Understanding and Reducing Greenhouse Gas Emissions from Food Consumption and Production’.
- Climate Change E-learning Module – Finalise and launch new module on single-use plastics and reducing plastic waste.
- Community Hive Project – Progress initiative to support residents across Greater Manchester to make more sustainable lifestyle choices including research and development of a dynamic purchasing service.
- Small Grants for Schools – Progress proposal to launch sustainability grants scheme for schools in Greater Manchester.
- Recycle for Greater Manchester (R4GM) – ‘Cotton on to Textile Recycling’ campaign to launch to educate residents on the correct disposal of damaged textiles.

2.5 **Natural Environment**

- Local Nature Recovery Strategy (LNRS) – Continue to progress draft of LNRS strategy, engagement, and communications including development of public consultation materials and approach for November activity.
- Biodiversity Net Gain (BNG) – Launch GMEU habitat banking regulation service and submit Defra Responsible Body application. Continue to progress towards Local Authority owned sites being ready for offsite BNG. Oldham to procure their pilot habitat banking commission and share tender documents and learning with other Local Authorities.
- Green Spaces Fund - Continued support and delivery of projects.
- Nature for Health – Complete set up of Green Social Prescribing (GSP) extension programme ensuring all partners are in delivery. Align NHS Greater Manchester Live Well funding plans with GM Environment Fund (as both initiatives seek to achieve similar outcomes). Engage with NHS Greater Manchester system leaders and wider stakeholders to establish deeper connections and create opportunities to capitalise on the programme and longer-term impact.

2.6 Green Summit

- Progress event planning, launch sponsorship programme and communications for Green Summit 2024.

2.7 Greater Manchester 5 Year Environment Plan 2024 onwards

- Continued development of draft plan and actions. Commence focus group engagement with Greater Manchester residents and businesses.

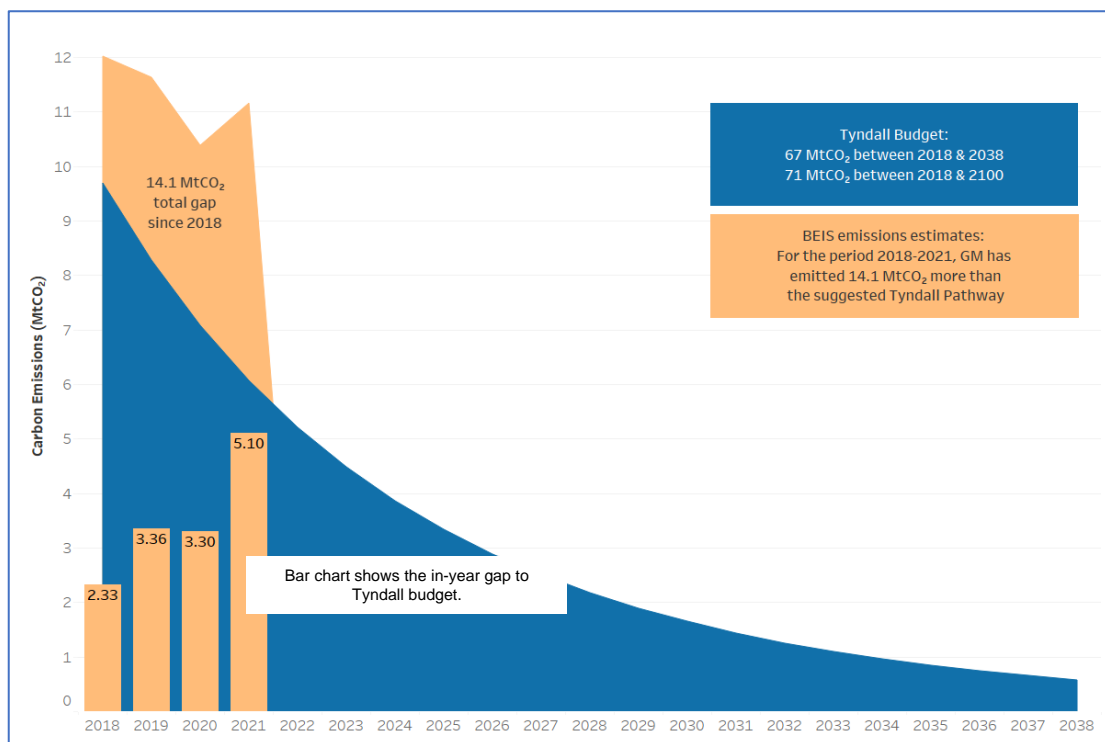
3. IDENTIFIED RISKS AND EMERGING ISSUES

- 3.1 Officers and sub-groups have identified a number of risks to existing, and particularly future, programme delivery. Mitigation of these risks, as far as possible, will be managed by the responsible Accountable Body.

In terms of the priorities set out in the 5 Year Plan, the following areas remain flagged as “red”.

Key risks:

- **Failure of the 5 Year Environment Plan to achieve a step change in reducing carbon emissions.** To achieve the 2038 mission, the GM 5-Year Environment Plan outlines our ‘fair’ carbon budget contribution of 67 mega tonnes for 20 years (2018-2038). The critical focus is not exceeding our total budget (67MtCO₂). From 2018 to 2021, GM’s emissions are 14.1MtCO₂ above the Tyndall budget, i.e. an additional 14.1MtCO₂ savings need to be made on top of the Tyndall budget. This gap has been increasing year on year, with new annual emissions data showing a rebound in emissions in 2021 as we emerged from the pandemic. The key point is that significant cuts must happen now. At our current rate of emissions, we will have exhausted our carbon budget within the next few years.



- Failure to accelerate decarbonisation of buildings to meet low carbon heating targets.** Measures continue to be implemented with a focus on accelerating decarbonisation and increasing energy generation including the launch of Social Housing Decarbonisation Fund, Public Sector Decarbonisation Scheme, Go Neutral project including schools solar PV offer, and DEEP project delivery to identify Heat and Energy Network Opportunity Areas across Greater Manchester.
- Level and depth of retrofit required to meet our overall ambitions is highly challenging.** The decarbonisation of Greater Manchester homes through deeper whole house retrofit is being mitigated by the publication of a Retrofit Report that sets the priorities and framework for action and, as part of that the Retrofit Challenge Group along with the Retrofit Taskforce is focused on delivering home and building retrofit at scale. Progress is also being made with the launch of the 'Your Home Better service' and Octopus Heat Pump offer. Greater Manchester has also joined a consortium, led by the UK Green Buildings Council including West Yorkshire, London and the West Midlands and funded by Climate-KIC to develop proposals for city-led retrofit. Additionally, the GM Skills team have produced a Skills Action Plan which with the newly actioned Low Carbon Finance Challenge Group complements the exist building and energy Challenge Groups

which manage the actions arising from the Greater Manchester Retrofit Task Force, Chaired by the Mayor.

- **Failure to enhance our water bodies against level of ambition.** The GMCA, Environment Agency and United Utilities (through their Tripartite Agreement) have published an Integrated Water Management Plan to draw together a collective vision, objectives, and actions, and identify accountability and resources for delivery. The plan will deliver progressive improvements in sustainable water management, enhancement of the natural environment, accelerate natural flood management interventions and reduce the operation of storm overflows.

Previous areas flagged as “red”.

- **Failure to meet ambitious recycling and waste diversion targets.** Verified figures for 2022/2203 show a slight decrease in the recycling rate for Greater Manchester to 50.4% from 51.1% in 2021/22, compared to 48.4% in 2020/21. The previous increase in recycling rates in 2021/22 was due to improved recycling facilities across the network of 20 household waste recycling centres operated by SUEZ recycling and recovery UK. This includes new containers for mattresses, carpets, and hard plastics as well as containers where household items can be donated for reuse. Diversion from landfill remains at over 98%. Measures continue to be implemented to increase recycling rates at HWRCs and household kerbside recycling to deliver against 2024 target (55%).

4.0 RECOMMENDATION

The Partnership is recommended to:

- Note and comment upon the progress outlined in this report and latest position set out in the dashboard attached at:
 - a. Annex 01 (5 Year Environment Plan Performance Overview) *These dashboards will be updated during Summer 2024. The versions presented here show progress up to and including March 2024.*

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5 Year Environment Plan Performance Overview

Progress Status			
Area	Priorities/KPIs (to 2024)	Status	
Energy	Add at least 45MW of local renewable energy by 2024 - TARGET Reached	↑	Green
	Additional 10TWh of low carbon heating by 2024	↔	Red
	Add at least a further 45MW of diverse and flexible load by 2024 - TARGET Reached	↑	Green
Buildings	Retrofit 61,000 homes/year (target 305,000 by 2024, 887,000 in total)	↑	Red
	Build 30,000 net zero carbon social rented homes by 2038.	↑	Green
	Reduce heat demand from existing commercial and public buildings	↑	Amber
SCP	38% reduction in industrial emission by 2025.	↓	Amber
	Limiting any increase in waste to 20%.	↑	Green
	Achieve a recycling rate of 55% by 2024, and 65% by 2035.	↓	Amber
Natural Env.	Managing our land sustainably, including planting 1m trees by 2024.	↑	Green
	Managing our water and its environment sustainably.	↑	Red
	Achieving a net gain in biodiversity for new development.	↑	Amber
	Increasing investment into our natural environment.	↑	Green
	Increasing our engagement with our natural environment - Number of Volunteers.	↑	Green
Transport	Reduce car use to no more than 50% of daily GM trips, by 2040 (remaining 50% to be public, or active travel)	↔	Amber
	Support expansion to 200,000 EVs in city region by 2024	↑	Amber

2038 Carbon Target	Costs	Resources	Overall Delivery	Risk
Red	Green	Green	Amber	Amber

Key Risks			
Risk Event	Risk	Mitigation Plan	Post Risk
Failure of Environment Plan to achieve a step change in carbon emissions.	Red	Regular reporting to Greater Manchester Green City Region Partnership Board and WLT.	Amber
Level and depth of retrofit required to meet our overall ambitions is highly challenging.	Red	Focus on retrofit accelerator proposals as way of overcoming these barriers in a coordinated way.	Amber
Failure to enhance our water bodies against level of ambition.	Red	Intergrated water plan in place to deliver progressive improvements.	Amber
Failure to add an additional 10TWh of low carbon heating by 2024	Red	Focus on acceleration of Retrofit including the launch of the 'Your Home Better' service, Octopus Heat Pump offer and DEEP project delivery.	Amber

About this dashboard



Greater Manchester faces major environmental challenges that threaten the health and prosperity of our region. We are taking action with the Five-Year Environment Plan, launched in March 2019. The plan sets out our long-term environmental vision – to be carbon neutral by 2038 – and the urgent actions we all need to take between 2019 and 2024 to help achieve this. [You can find the plan here.](#)

This dashboard keeps track of our progress against those actions. It is divided into six pages, with a page dedicated to evaluating progress in each of the plan's priority areas. You can use the menu in the top left to navigate between them, or click on the links in the box below. For more on the data used within each screen, click on the info icon in the top right of each box (eg see the one on this box).

What targets are in the 5YEP and which are being tracked here? (click icon to navigate to page)

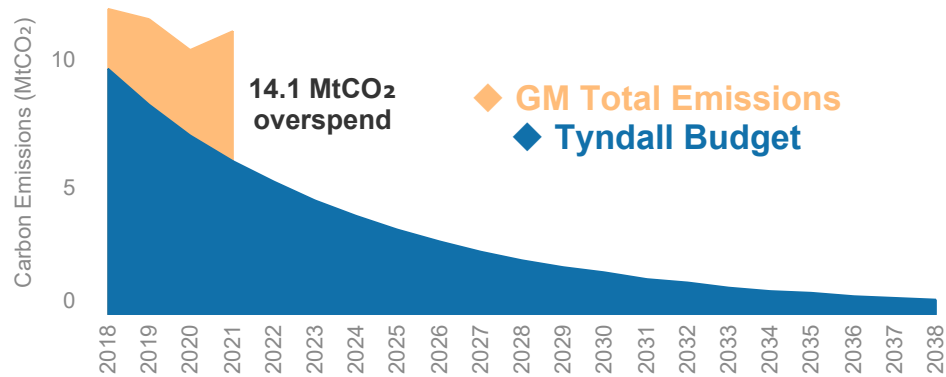


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Emissions		Goal: Be carbon-neutral by 2038	See 'Emissions' page
Energy		E1: Increase local renewable energy (electricity) generation, adding at least 45MW by 2024	See 'Energy' page
		E2: Decarbonise how we heat buildings, adding at least 10TWh of low carbon heating by 2024	See 'Energy' page
		E3: Increase diversity & flexibility of electricity supply, adding at least 45MW of diverse & flexible load by 2024	See 'Energy' page
Transport		T1: Increase use of public transport and active travel, with car use reduced to less than 50% of daily GM trips by 2040	See 'Transport' page
		T2: Phase out fossil-fuelled private vehicles for zero emission (tailpipe) alternatives, with 200,000 EVs in GM by 2024	See 'Transport' page
		T3: Tackle the most polluting vehicles on our roads	In development
		T4: Establish a zero emissions bus fleet, with all buses zero emissions (tailpipe) by 2035	See GMS dashboard
		T5: Decarbonising freight transport and shifting freight to rail and water transport	In development
Buildings		B1: Reduce heat demand from existing homes by retrofitting 61,000 homes per year	See 'Homes' page
		B2: Reduce heat demand from existing commercial and public buildings by 10% by 2025	In development
		B3: Reduce heat demand in new buildings, with all new development net zero carbon by 2028	In development
SCP		SCP1: Produce goods more sustainably, reducing emissions from industry by 38% by 2025 compared to 2018 levels	See 'SCP' page
		SCP2: Become more responsible consumers, with 2024 waste production increased by no more than 20% from 2018	See 'SCP' page
		SCP3: Manage our waste as sustainably as possible, achieving a recycling rate of 55% by 2024	See 'SCP' page
		SCP4: Reduce unnecessary food waste	In development
Natural Environment		NE1: Manage our land sustainably, including planting 1m trees by 2024 and improving greenspace for nature	See 'Natural Env.' page
		NE2: Manage our water and its environment sustainably, enhancing 542km of waterways by 2027	See 'Natural Env.' page
		NE3: Achieve a net gain in biodiversity for new development	In development
		NE4: Increase investment into our natural environment	In development
		NE5: Increase engagement with our natural environment, through volunteering and access to local greenspace	See 'Natural Env.' page

All

How is GM progressing against the 2038 carbon budget?

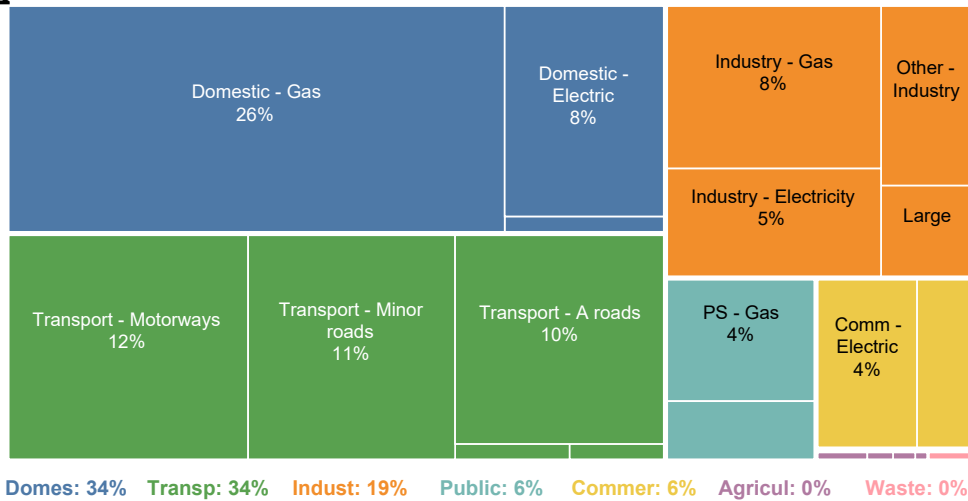


What is GM's 'business as usual' emissions forecast?

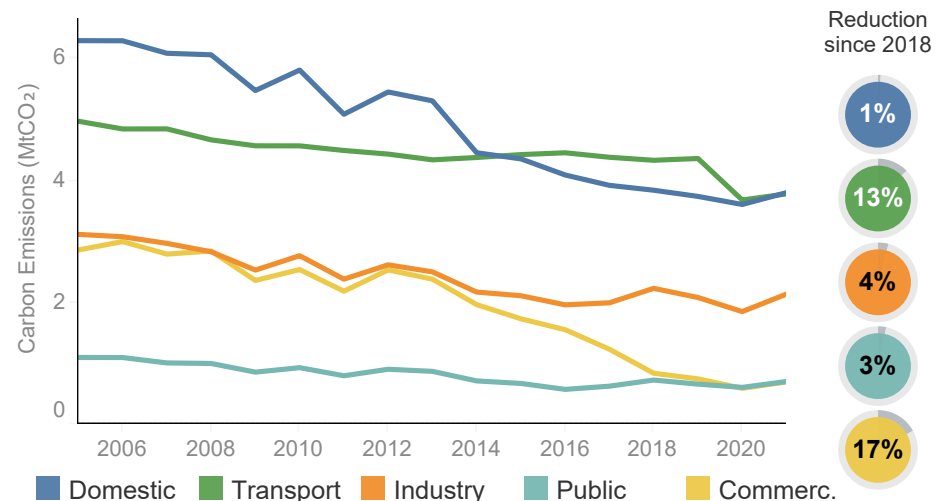


In development

Where are our emissions coming from?



How have our emissions changed over time?

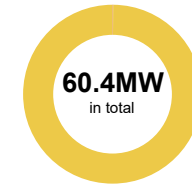
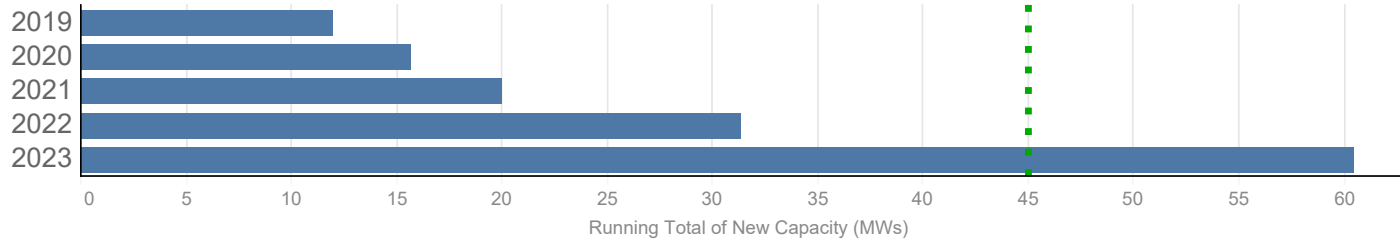


Greater Manchester's Energy Supply

Choose which local authorities to focus on: Greater Manchester

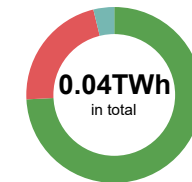
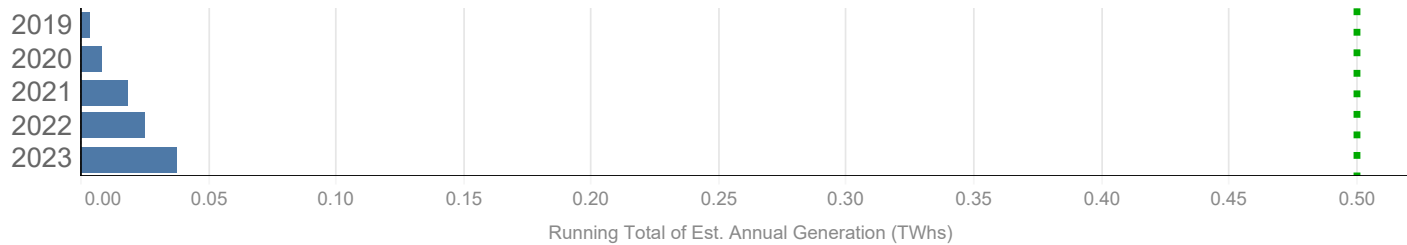
◆ Operational ◆ Under Construction - - - Target

E1: Increase local renewable energy (electricity) generation, adding at least 45MW by 2024



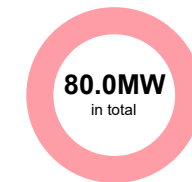
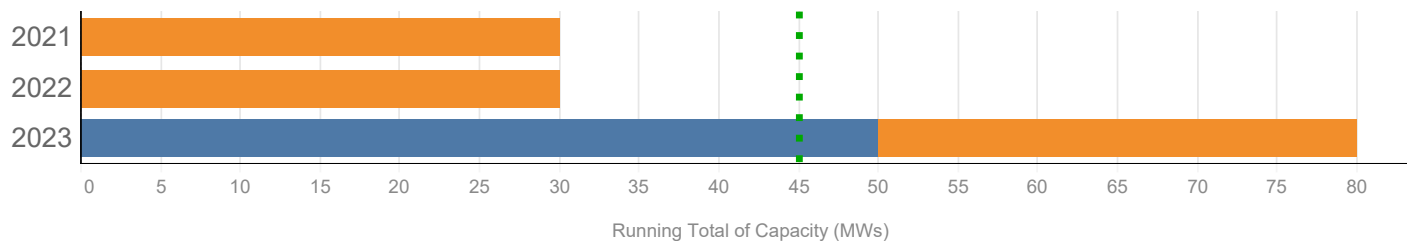
◆ Solar Photovoltaic

E2: Decarbonise how we heat buildings, adding at least 10TWh of low carbon heating by 2024



◆ Ground/Water SHP ◆ Solar Thermal ◆ Air SHP

E3: Increase diversity & flexibility of electricity supply, adding at least 45MW of diverse & flexible load by 2024



◆ Battery

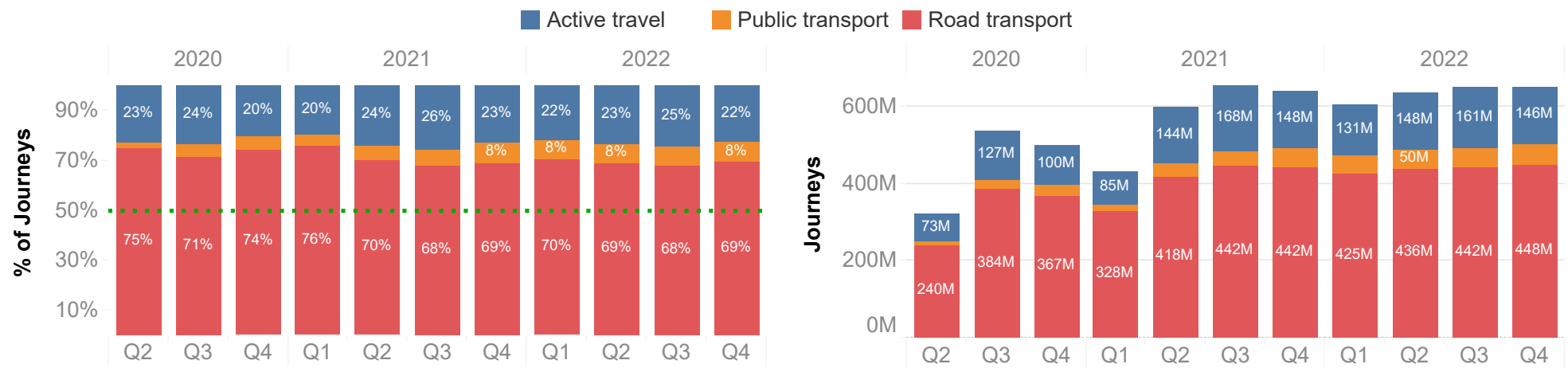
Journey mode

Journey quarter

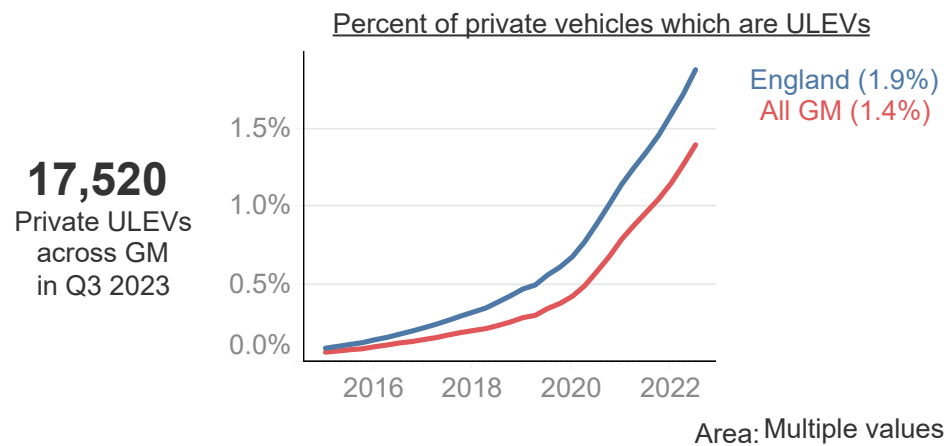
All

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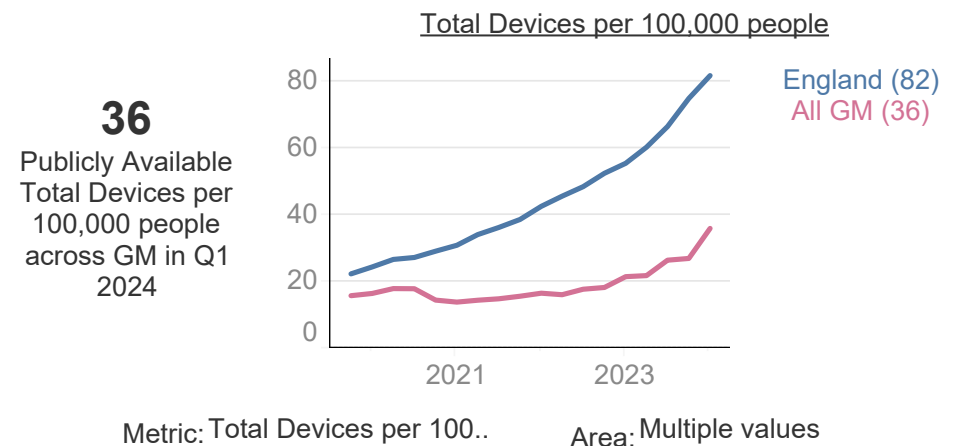
T1: Reduce car use to no more than 50% of daily GM trips by 2040 (with the remaining 50% made up of public and active travel)



T2: Support expansion to 200,000 EVs in GM by 2024



T2: Increase the number of publicly accessible EV charging points



Local Authority

Tenure

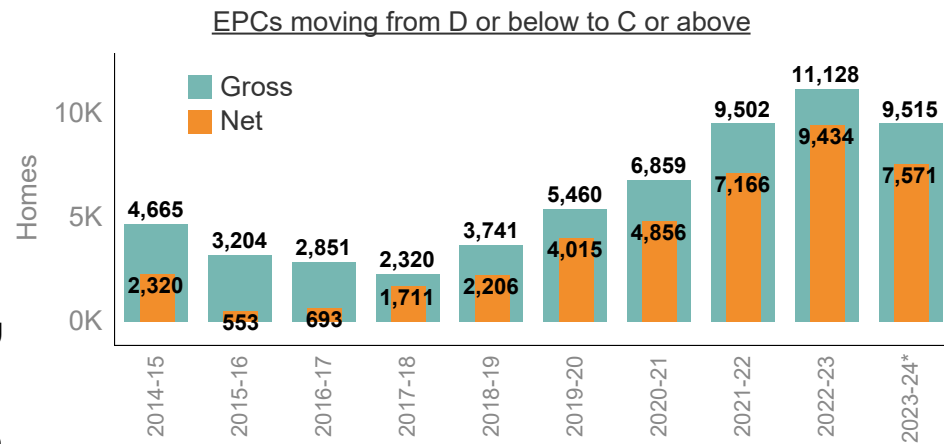
Property Type

All

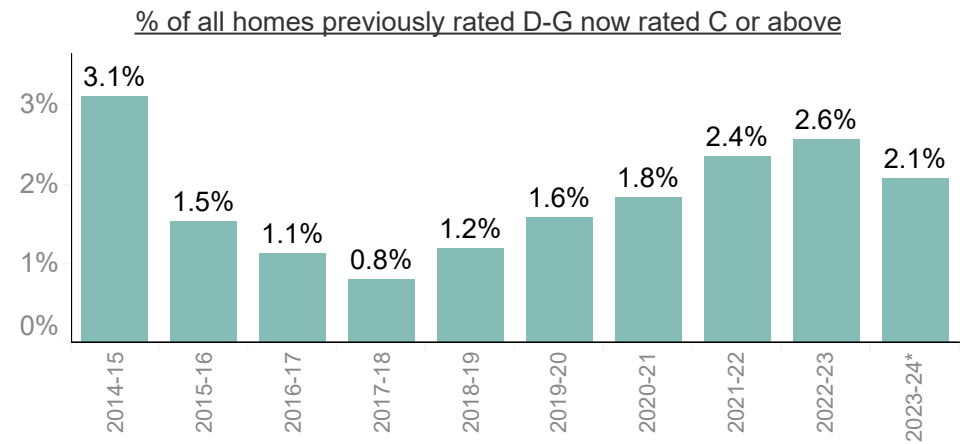
All

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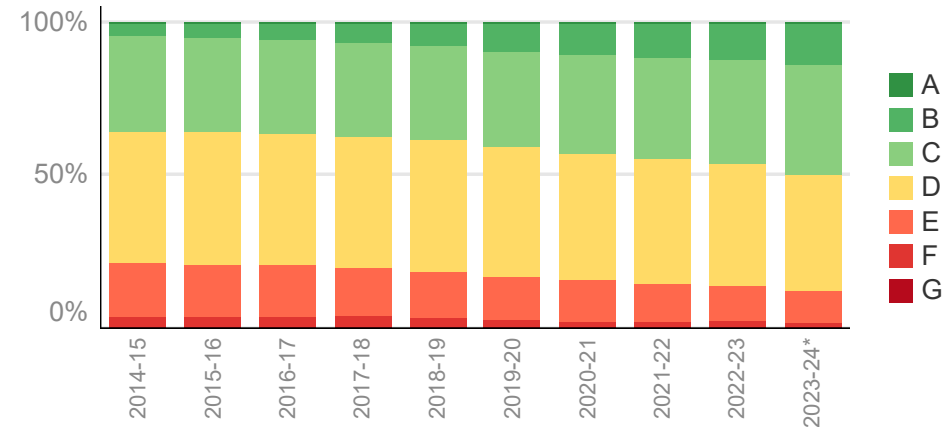
B1: Retrofit 61,000 homes per year (305,000 by 2024)



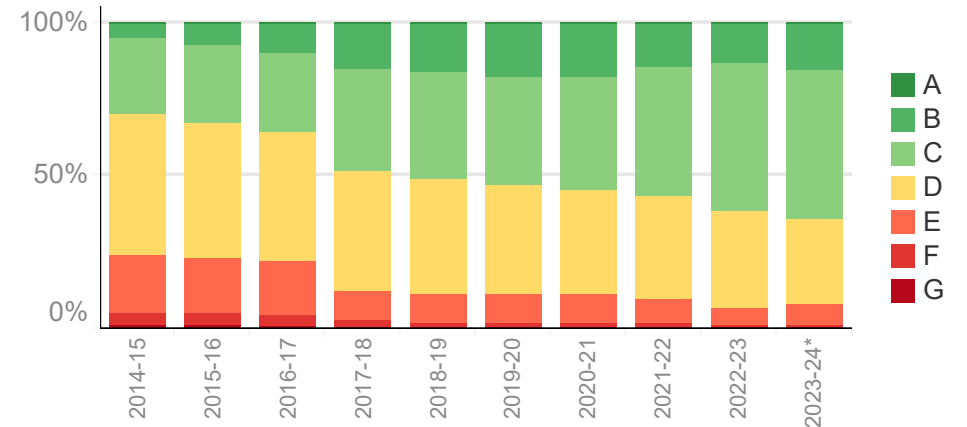
What proportion of inefficient homes are improving each year?



Proportion of EPC certificates in each band (all EPCs to date)

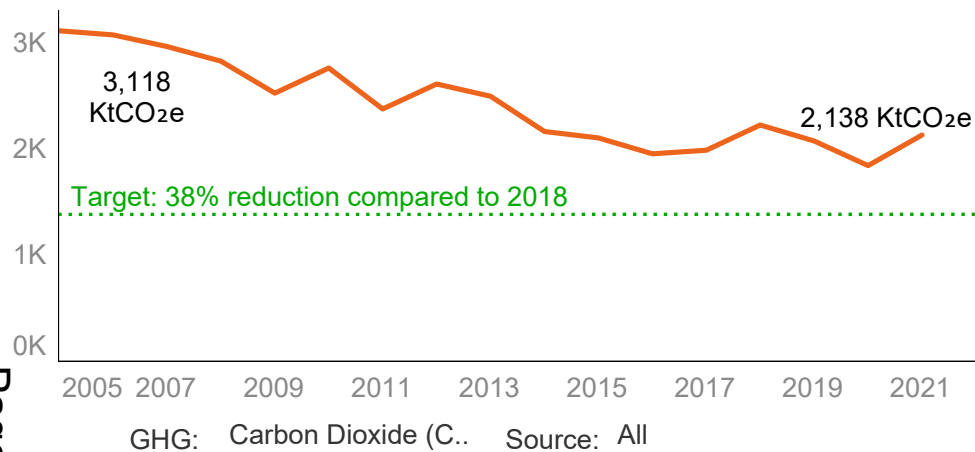


Proportion of EPC certificates in each band (registered in that year)

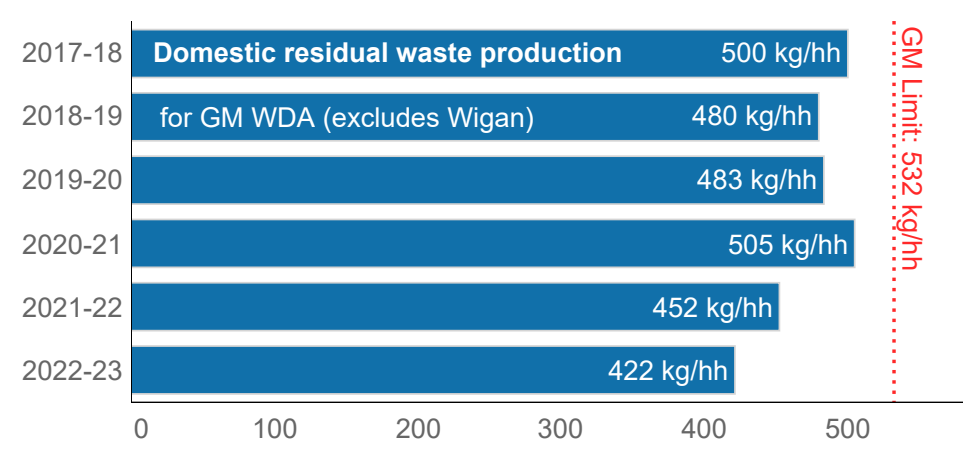


Filter data by area: Greater Manchester

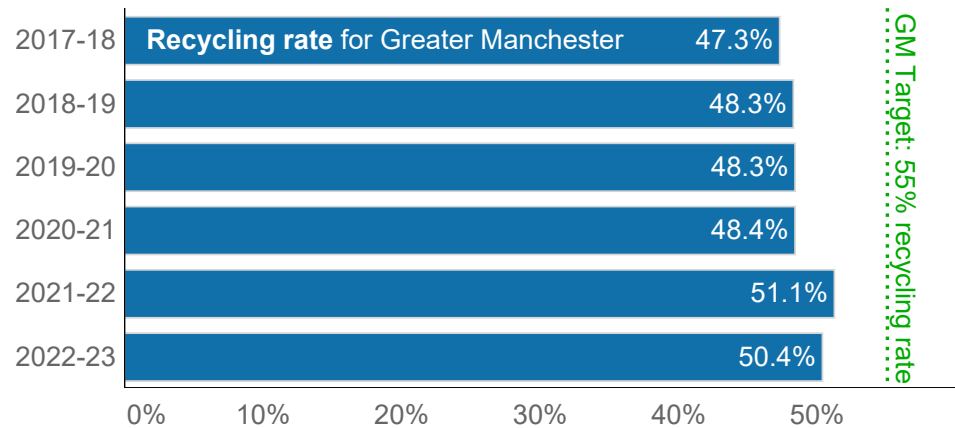
SCP1: Reduce industrial emissions by 38% by 2025



SCP2: Limit any increase in 2018 levels of waste to 20% by 2024



SCP3: Achieve a recycling rate of 55% by 2024

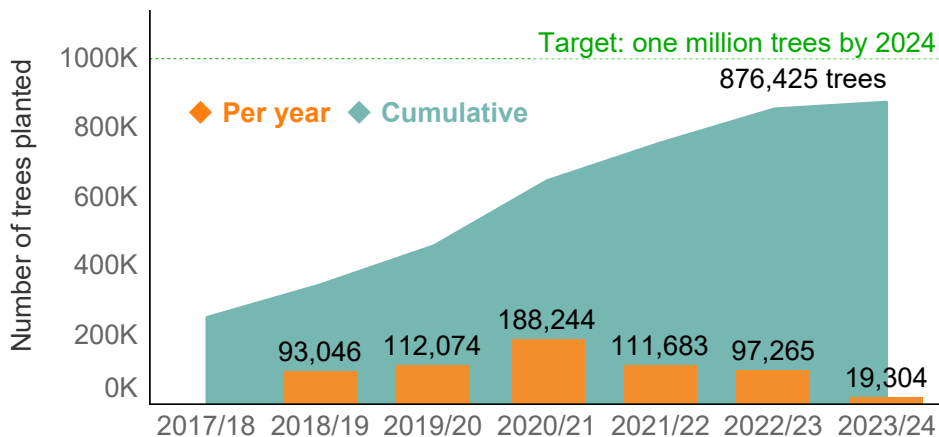


In development

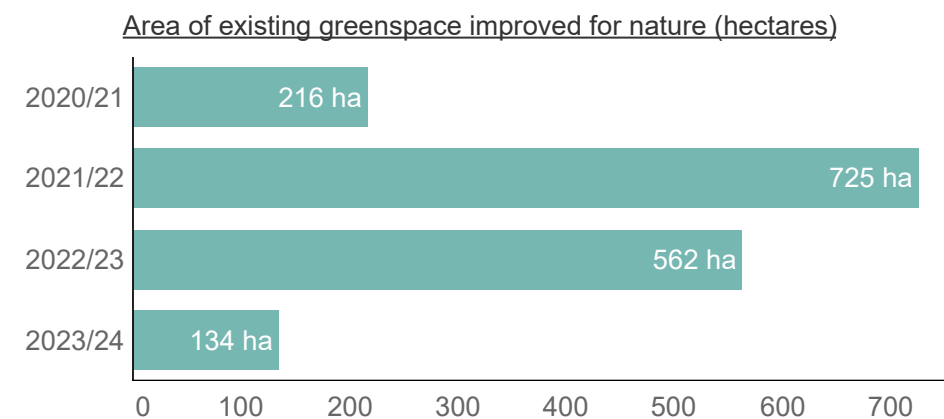


In development

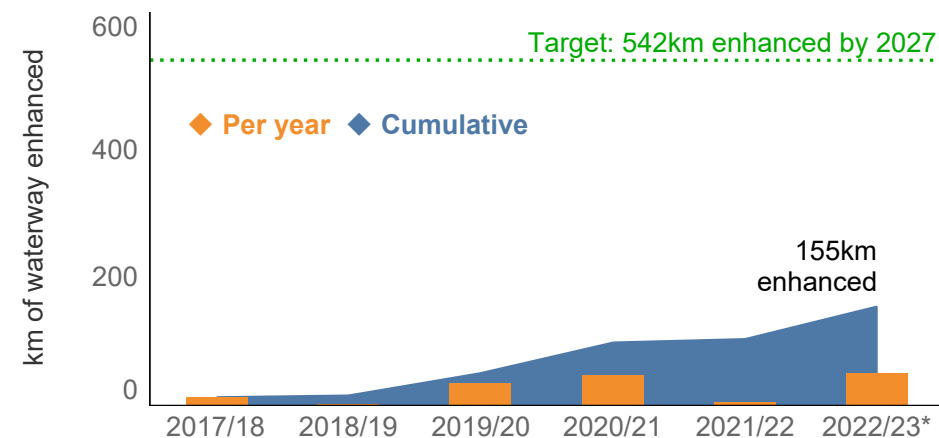
NE1: Plant one million trees by 2024



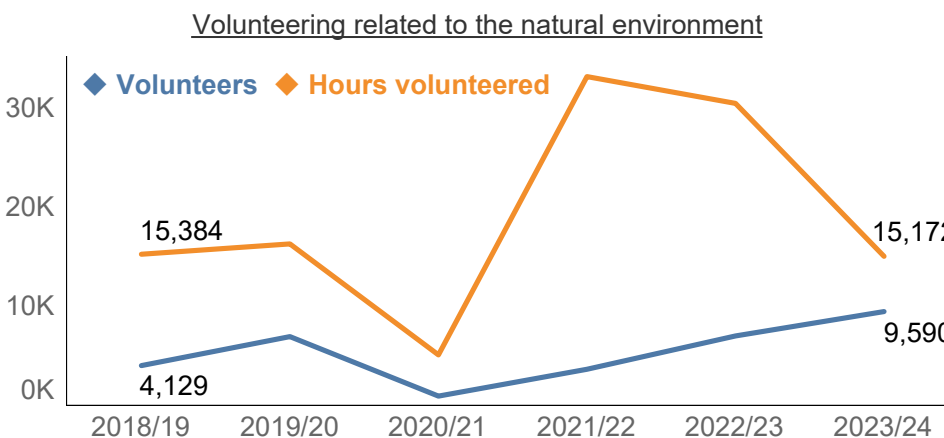
NE1: Improve existing areas of greenspace for nature



NE2: Enhance 542km of waterways by 2027



NE5: Increase engagement with natural environment





Greater Manchester Green City Region Partnership

Date: 16 July 2024

Subject: CHALLENGE GROUP UPDATES

Report of: Challenge Group Chairs/Vice Chairs

PURPOSE OF REPORT:

The purpose of this report is to outline the progress made by the 5 Year Environment Plan (5YEP) Challenge Groups in developing their key priorities through Task and Finish Groups.

The accompanying presentation (Annex 10a) provides an updated overview of the Challenge Group priorities and how these are being delivered.

RECOMMENDATIONS:

The Partnership is asked to:

- Note the progress in developing the Mission Based Approach and the associated Challenge Groups.
- Consider any particular issues raised by the challenge group chairs or vice chairs.

CONTACT OFFICERS:

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Robyn.Smith@greatermanchesrer-ca.gov.uk

1.0 INTRODUCTIONS

The purpose of the Challenge Groups is:

- Deliver the 5YEP work programme
- Report back on progress and key challenges/barriers to the Green City Region Partnership
- Utilise lobbying/influencing function when appropriate to drive agenda.
- Work in collaboration with other challenge groups to identify cross cutting issues.

Across the challenge groups, work is ongoing on the development of the 5YEP. We are in the process of bringing the latest draft back to the groups for a second round of feedback.

2.0 GREEN COMMUNICATION DELIVERY CHALLENGE GROUP

Topics discussed

Since the last partnership meeting the challenge group has continued its work on three main work streams:

- 1) Campaign sharing and amplification – a document has been developed to track all partners campaigns.
- 2) Feel the Benefit Campaign – has now been launched and aims at increasing awareness of and engagement with the home energy upgrade support available to GM residents.
- 3) Resident top tips – materials developed by challenge group organisations to communicate top actions for residents is being collated to support alignment of communications to GM residents.

Future priorities/work/topics

- Supporting 5YEP communications.

- Continuing to utilise each other's channels and networks to amplify communications.
- Early engagement in the development of the next Green Summit
- Opportunity to look at influencing behaviours e.g. communicating the top 10 actions people can take.

3.0 LOW CARBON

Topics discussed

The last meeting of the challenge group focused on the energy infrastructure, buildings, and transport elements of the new 5YEP.

Challenges/opportunities raised

- Some of the key feedback on the 5YEP included:
 - Actions around innovation needs to be shown across all the objectives.
 - How action will be financed needs to be shown more clearly.
 - There is a gap in the actions around skills.
 - Language of the actions needs to be stronger.

Future priorities/work/topics

- Retrofit and decarbonisation of heat were identified as the key areas of challenge to explore at future meetings.
- Further comments on the 5YEP will be collated ahead of the next meeting.

4.0 NATURAL CAPITAL GROUP

Topics discussed

The Natural Capital Executive Group's recent meeting included presentations on

- Natural Course Project Wrap Up and IWMP
- Local Nature Recovery Strategy
- 5YEP Development

Challenges/opportunities raised

- Initial work on the targets for the LNRS were presented and will be brought back to the group when relevant.
- The need to ensure the LNRS and 5YEP are linked up and that the role of each is clearly defined.

Future priorities/work/topics

- Continued engagement on the 5YEP and LNRS
- A Climate Adaptation Plan is being developed that this group will contribute towards.

5.0 SUSTAINABLE CONSUMPTION AND PRODUCTION

Topics discussed

At the last meeting the Challenge Group had updates on the following items;

- GM Fashion and Textiles from MMU.
- The 5YEP and had a chance to feedback on the waste and resources section.

Challenges/opportunities raised

- A discussion was held on the new subgroups that are being set up with an ask made to members to consider which task and finish group they would like to join.
- The group provided feedback on the 5YEP development.

Future priorities/work/topics

- Continued engagement on the 5YEP.

6.0 FIVE YEAR ENVIRONMENT PLAN FORUM

Topics discussed

- 5YEP development.
- Results of the ARUP emissions pathway.

Challenges/opportunities raised

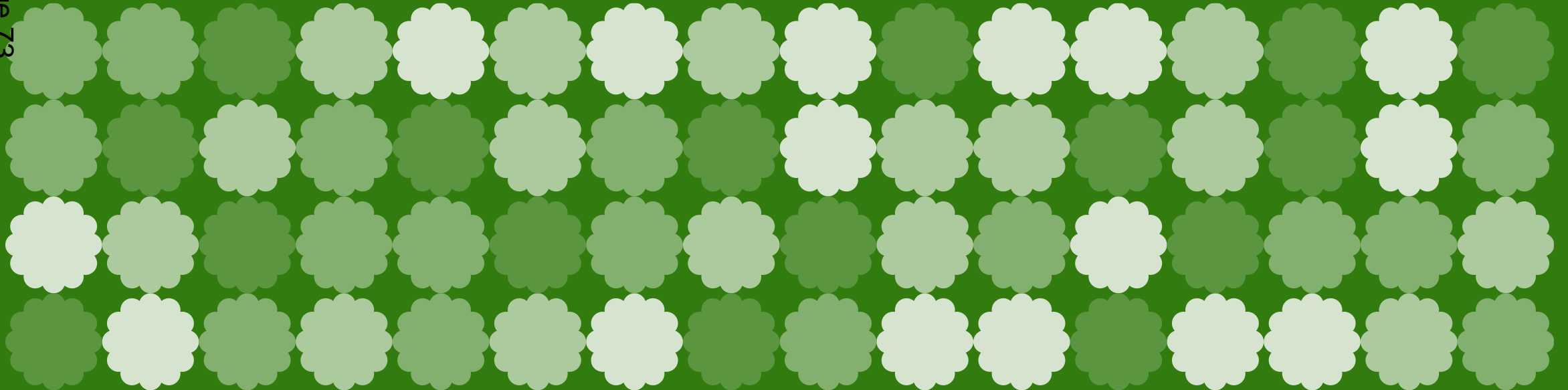
- The group provided feedback on the objectives and actions in the plan and will continue to be engaged in further development.

Future priorities/work/topics

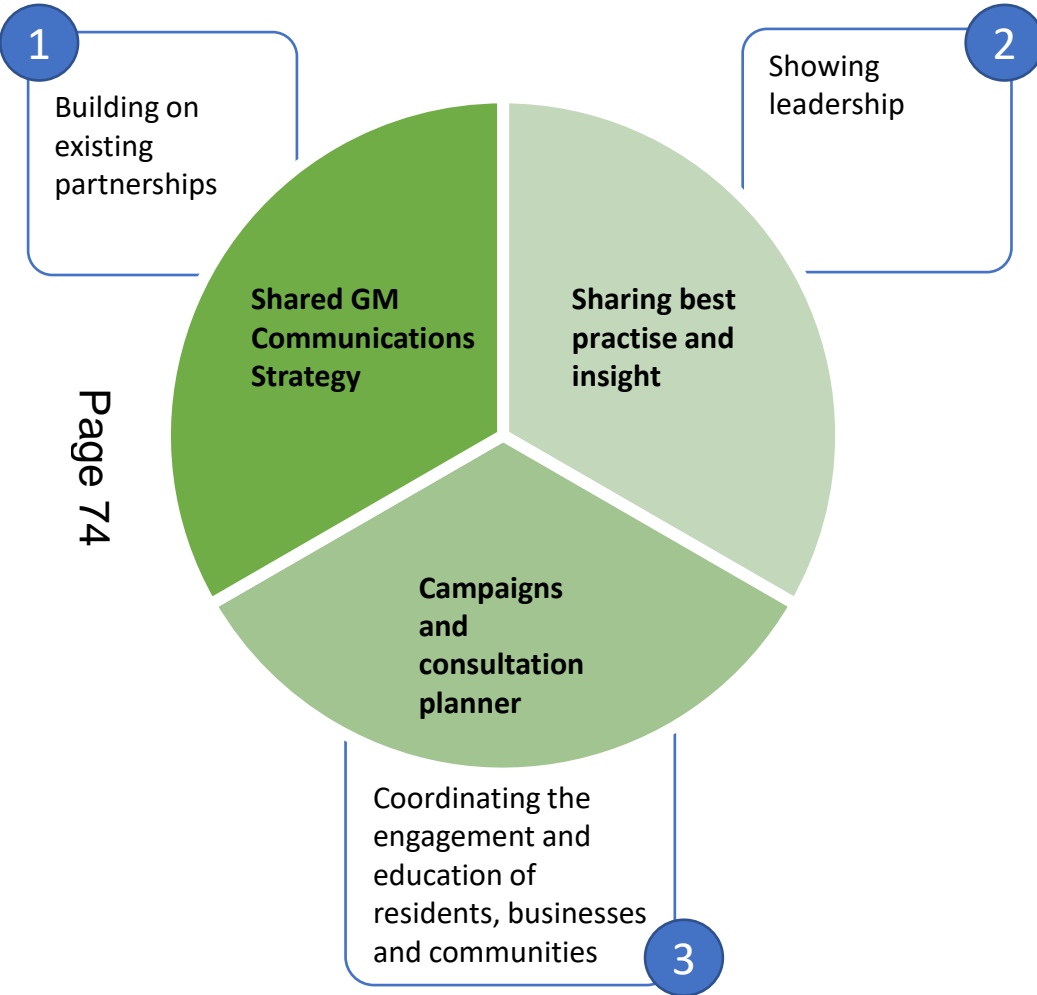
- Continued engagement on the 5YEP.
- To bring back the lobbying work and discuss next steps.
- Greenwash free city initiatives.

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Work Programme Update



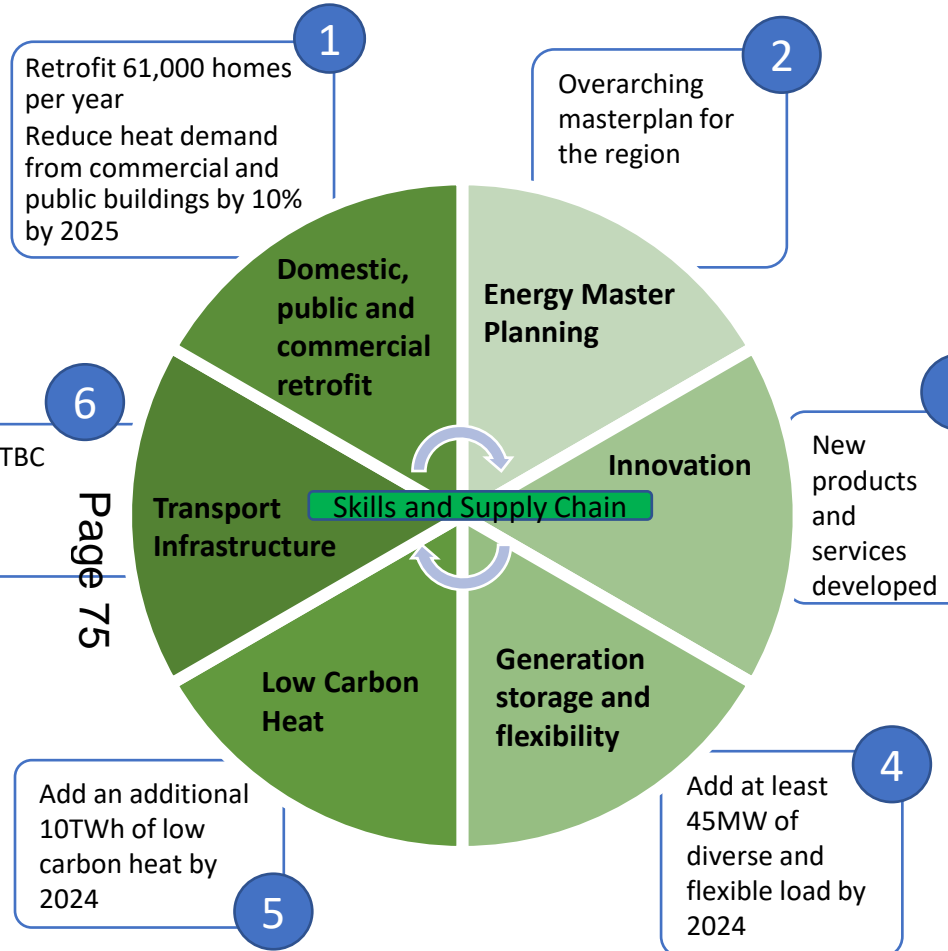
Green Communications Delivery



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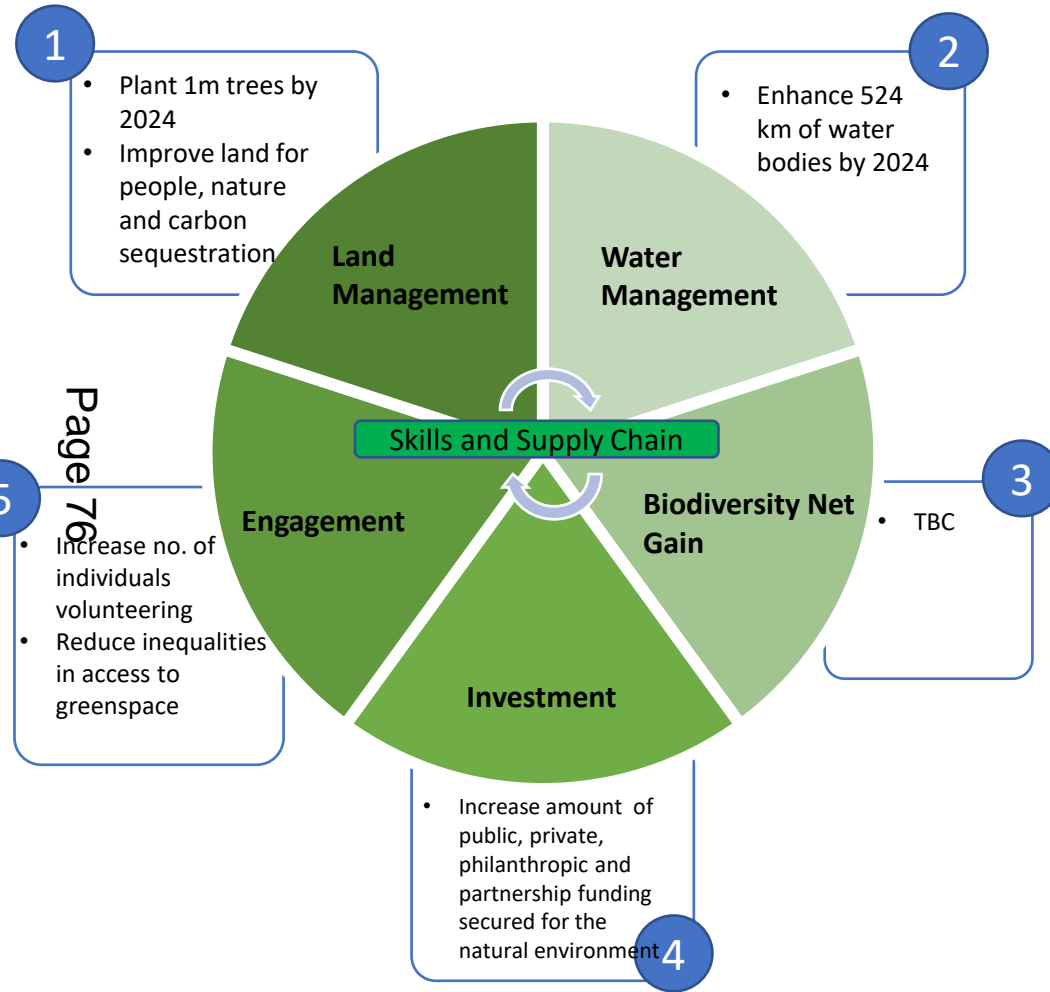
Project/Task	Lead	5YEP KPI	Deliverable	RAG
Deliver on shared GM Communications strategy	All	1	Continued sharing, alignment and amplification of campaigns.	
Supporting development of engagement around the next 5YEP via supporting activity in own organisations.	GMCA	1	Listening activity to be delivered to support communication of next 5YEP	
Green Summit 2024: campaign driving delegate sign ups, engagement of registered delegates and wider content showcasing the next 5YEP.	GMCA		Communications plan, save the date content (w/c 22 July onward), comms activity running up to the event, event management support, marketing	
Development of focus groups to support delivery of the next 5YEP	GMCA	1	Brief development, engagement approach, links to existing activity.	
Development and launch of a resident-targeted 'actions you can take' resource: Shareable resource that provides a list of practical steps residents can take to make their lives more sustainable.	GMCA	2	Communications resource for Green City website, related social media content	
Feel the Benefit Campaign: campaign targeting different resident audiences, covering all domestic retrofit offerings.	GMCA	3	Advertising (print, digital, outdoor) – ongoing activity through to April 2025	
Powering Greater Manchester: external facing campaign targeting audience groups based on their circumstances (e.g. schools, commercial building owners etc), helping them switch to low carbon energy.	GMCA	3	Campaign look and feel, partner comms toolkit – second phase of campaign to be rolled out Q3/4	
Local Nature Recovery Strategy: campaign driving key stakeholder groups to engage with the development of the LNRS.	GMCA	3	Campaign social content, case studies, newsletters, project blogs, State of Nature report launched (5 March 2024), public consultation (Nov / Dec 2024), strategy launch Q4	

Low Carbon



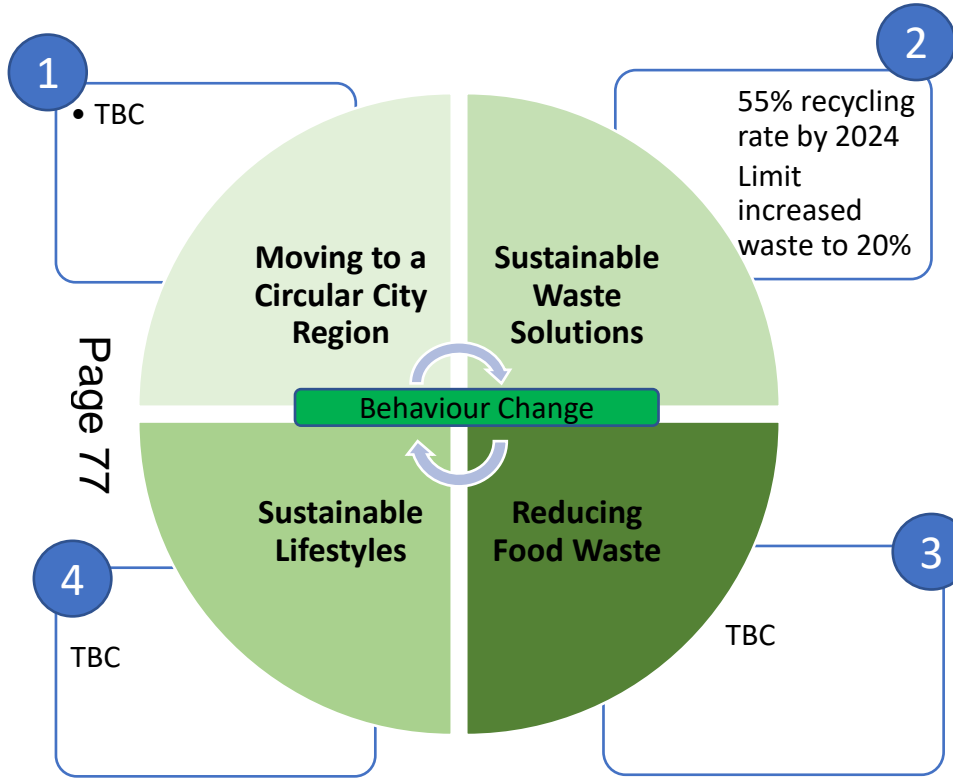
Project/Task & Finish Group	Lead	Priority	Deliverable	RAG
Your Home, Better	GMCA/Retrofit Works	1	Deliver able to pay retrofit scheme	Yellow
Retrofit Skills T&F	UoS/ Retrofit Taskforce	1	Deliver skills plan for retrofit	Green
Retrofit Finance T&F	GFI/Retrofit Taskforce	1	Work with the retrofit taskforce to deliver finance plan for retrofit	Green
Local Energy Advice Demonstrator	GMCA	1	Deliver energy advice service to residents	Green
Social Housing Decarbonisation Fund Wave 1,2	GMCA/RPs	1	Deliver retrofit measures to 1286 properties wave 1, 23/24 40% of grant funding wave 2	Yellow
ECO 4	GMCA`	1	Deliver whole house retrofit to circa 600 fuel poor/low income homes	Yellow
ERDF Homes as Energy systems	Procure Plus	1	Deliver energy efficiency and technologies measures to GM homes	Green
People Powered Retrofit – One Stop Shop	Carbon Coop	1	Launch of offer for early adopter, owner occupier able to pay	Green
Public Sector Decarbonisation Scheme 3a single/multi and 3b	DoPE Group	1	Complete retrofit measures of public buildings	Yellow
Commercial buildings	Bruntwood/MCCA	1	Engage with commercial building partners to deliver retrofit programme	Yellow
Net Zero Accelerator	GMCA	2	Address barriers to drive investment while testing innovative models for delivery	Green
Energy Innovation Agency (EIA)	Universities/Bruntwood/SSE/GMCA/ Hitachi	3	Support businesses and bring new technologies to market	Green
Hydrogen Fuel cell	MMU/Cadent	3	Explore hydrogen fuel cell innovation	Green
Trafford Energy Park	Carlton Power	3	Local green hydrogen production	Green
Go Neutral & schools solar PV	GMCA	4	Develop pipeline to deliver 85MW of Solar PV	Green
Faith community energy	Diocese of Salford	4	Deliver renewable energy and decarbonisation of faith buildings	Green
Heat Pump Offer	Octopus	5	Heat Pump offer for households	Yellow

Natural Environment



Project/ Task	Organisation	5YEP KPI	Deliverable	RAG
GM Tree and Woodland Strategy	City of Trees	1	Increased tree cover and benefits provided by them, through planting 1m trees by 2024	
Peatland restoration	Natural England	1	Re-run the state of the bog work (uplands) Re-run the peat pilot (lowlands)	
Natural Course	GMCA/EA	2	Develop next stage of INNS following 2022 survey Deliver survey on distribution of otters Deliver microplastic study	
Biodiversity Net Gain (BNG)	GMEU	3	Prepare for and support the districts to deliver BNG.	
Local Nature Recovery Strategy	GMCA	3	Scope and develop Local Nature Recover Strategy	
Nature Based Solutions Delivery	GMCA		Assembly of funding to take forward delivery of SuDS Retrofit on public estate (Project Raincoat) Walkden SuDS Neighbourhood detailed design and begin construction SuDS Design Guide (TfGM)	
GM Environment Fund and Green Spaces Fund	GMET	4	Support organisations delivering Green Spaces Fund projects and launch round 4 Increase public, private and philanthropic and partnership funding	
Natural Environment Social Prescribing activity	GMHSCP	5	Increased number of individuals volunteering and with access to green space, facilitated by a programme of green social prescribing	

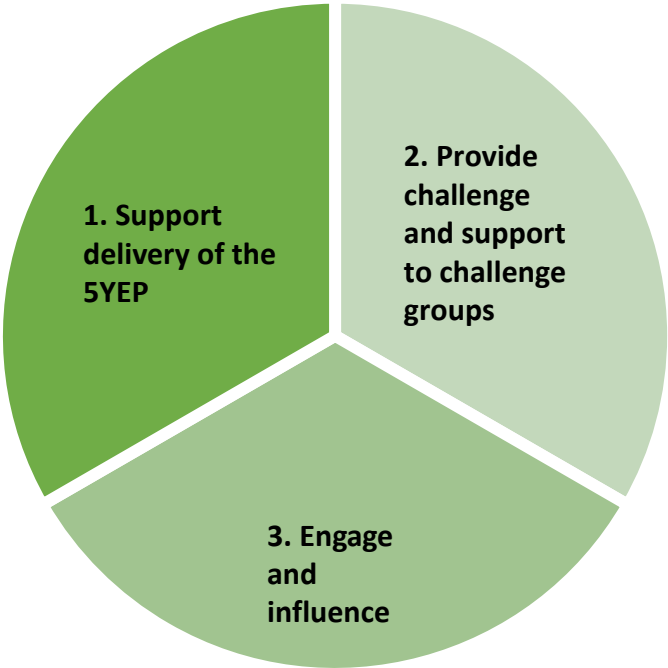
Sustainable Consumption and Production



Project/ Task	Lead	5YEP KPI	Deliverable	RAG
Sustainable Procurement	GMCA	1	Work with procurement team to develop sustainable procurement practices	
Scope 3 emissions	GMCA/LAs	1	Work with LAs on scope 3 emissions plan	
CIRCuit: CE in the Built Environment	ReLondon	1	Deliver innovation interventions looking at circular economy in the built environment	
Resource/consumption mapping (textiles)	MMU	1	Support delivery of textiles sub groups - data mapping, recyclables, productions	
Food roadmap and strategy	GM Food Board	3	Development of food vision and toolkit	
Net Zero Business support programme	Growth Co	4	Support business net zero development	
R4GM	GMCA	4	Deliver waste recycling/Reduction campaigns	
Single Use Plastics	GMCA/LAs	4	Work with local authorities to reduce sups	
Behaviour Insights	GMCA/TfGM	4	Deliver behavioural insights work to inform sustainable lifestyles	
Bee Net Zero	GM LEP	4	Deliver a programme of business support	
Roll out programme of carbon literacy	Carbon Literacy Trust	4	Deliver carbon literacy courses	

Five Year Environment Plan Forum

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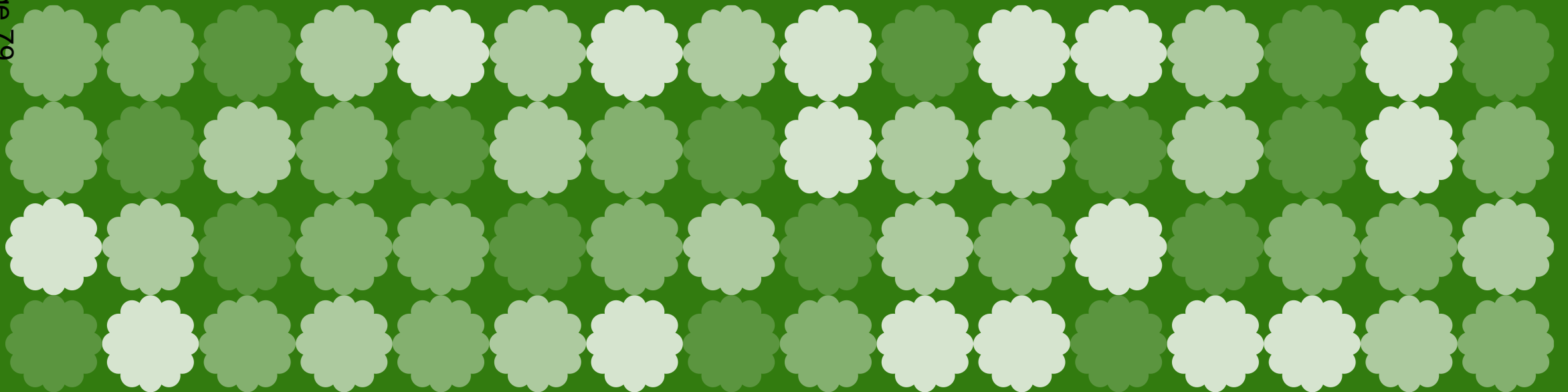


Project/Task	Lead	5YEP KPI	Deliverable	RAG
5YEP Development	GMCA/All	1	Provide feedback on development of next 5YEP and content	
Support challenge group delivery	All/Challenge group chairs	2	Regular review of challenge group programmes	
Lobbying asks	GMCA/All	3	Support lobbying via GCRP and national asks	
Greenwash free city initiative	UoM Tyndall/Carbon Literacy	3	Develop guidance on sponsorship and advertising	



SCP: Behaviour Insights Wave 10

Green Cities Partnership Board: 16th July 2024



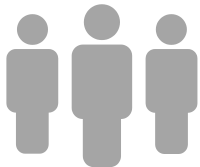
A REMINDER OF THE STUDY



The latest wave of our sustainability study took place in April 2024, with the next wave (wave 11) taking place in October 2024



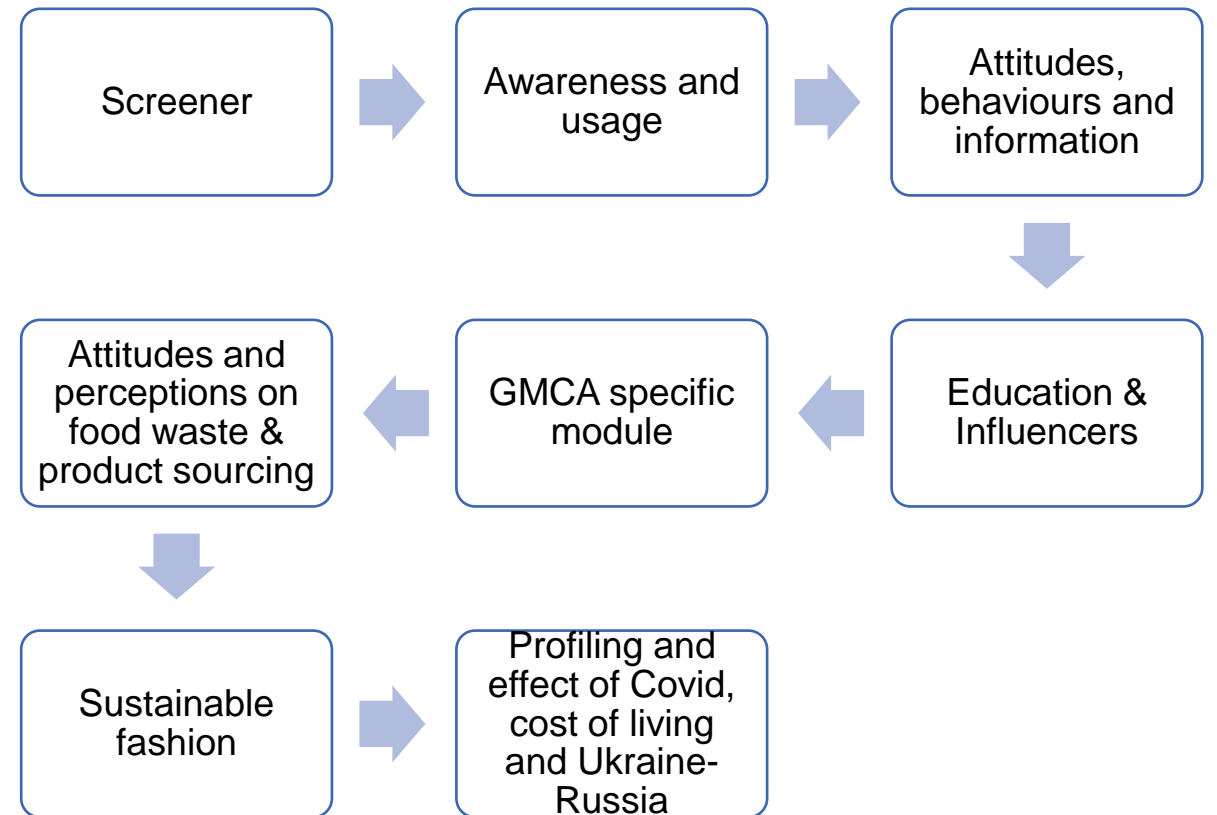
UK study representative of the 16+ population



In the latest wave we spoke to 2,017 people (+ a boost of 500 people in the GMCA region)



The survey takes about 20 minutes to complete



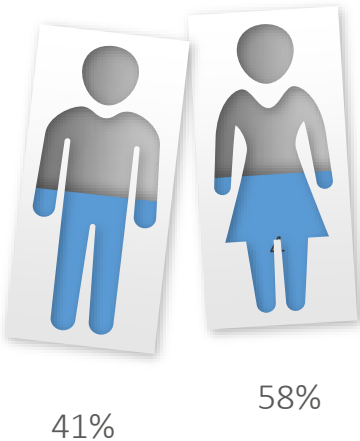
SAMPLE: WAVE TEN – UNWEIGHTED – GMCA

Quantitative Online Research: Online research was conducted with 570 GMCA respondents

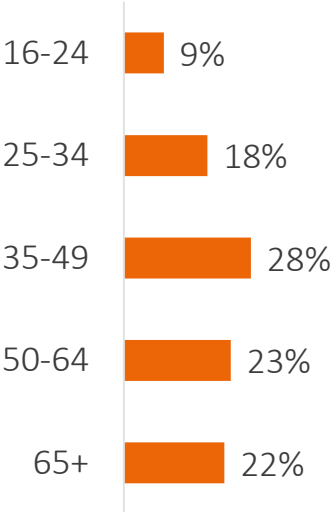


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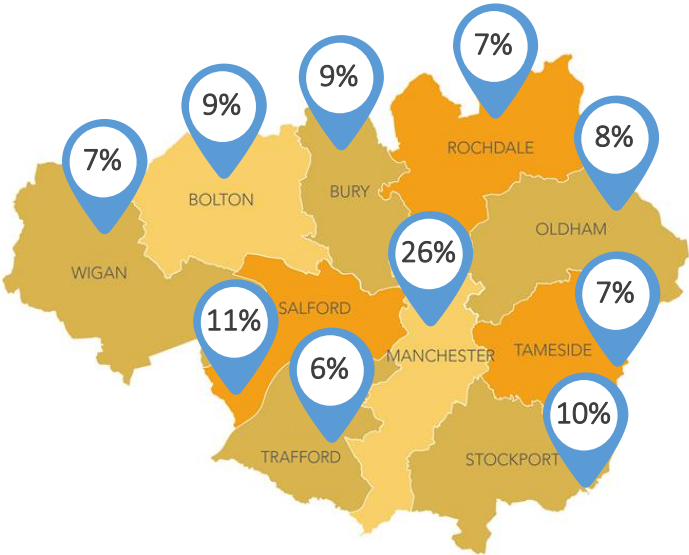
Gender



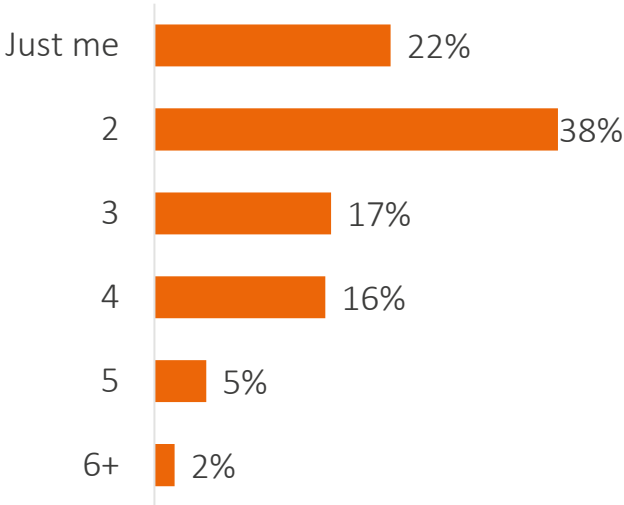
Age



Region



Household Members



Move from 'LIFE to Climate Segments

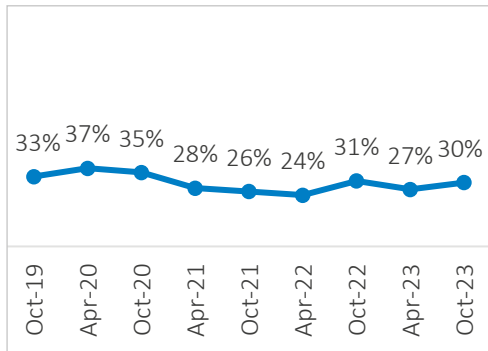


SEGMENT CHANGES FROM OCT-19 TO OCT-23

As part of the analysis, Impact identified four key segments based on environmental attitudes and behaviours. Data on how the sizes of the segments have changed since October 2019 can be found below.

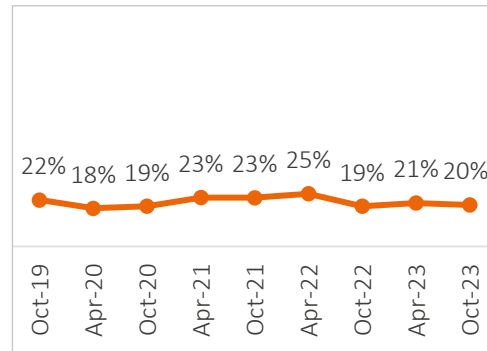
Page 83

Light Contributors



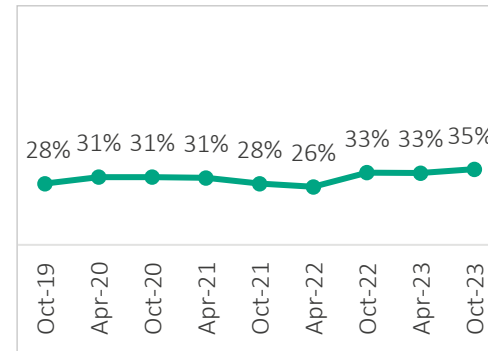
Low knowledge, have more basic environmental behaviours

Inactive Sceptics



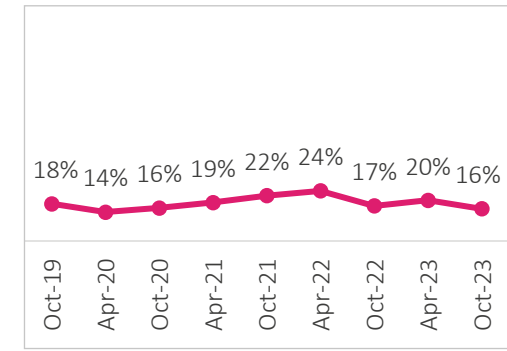
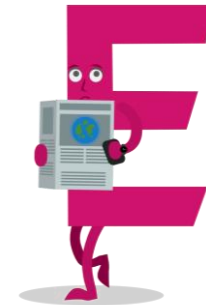
Don't know, don't care

Focused Achievers



Knowledgeable, positive attitudes and moving beyond basic environmental behaviours

Educated Non-Doers



Knowledgeable and positive attitudes, but not following through to action

OCT 23

GMCA 31%

GMCA 23%

GMCA 33%

GMCA 13%

SUSTAINABILITY SEGMENTS

Impact has recently developed a segmentation based on attitudes towards the environment and climate change. They have now identified 7 segments rather than the 4 previous 'LIFE' segments:

Motivated Advocates

Genuinely care about the environment and place a high priority on protecting it through their own behaviours, as well as encouraging others to follow suit.

Eco-Pragmatists

Care for the environment and think more should be done to tackle climate change. While they exhibit a lot of sustainable behaviours, they know their limits (often financial).

Committed Traditionalists

While they know climate change is an issue, they stick to more traditional behaviours (e.g. recycling), preferring to put the onus of bigger change on the Government and companies.

Inconsistent Enthusiasts

Climate change is important to them and they want to make a difference, but it doesn't always follow through into action. They tend to make changes but not stick to them.

Ambivalent Savers

Still uncertain on their position with regards to climate change, somewhat lacking clarity on the topic. They are currently focusing on saving money, so climate change is a low priority.

Time-Poor Bystanders

Climate change and the environment is not a priority and they're not particularly interested in it, hence exhibiting fewer sustainable behaviours. They have other priorities in their busy lives.

Local Prioritisers

Not taking action and not interested in doing so. They feel focus should be put on local/ UK issues rather than global environmental issues.



Most sustainable

Least sustainable

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SUSTAINABILITY SEGMENTS

This enables us to gain further insights to people's perceptions and behaviours:

Committed Traditionalists (3)

Local Prioritisers (7)

Inconsistent Enthusiasts (4)

Motivated Advocates (1)

Ambivalent Savers (5)

Time-Poor Bystanders (6)

Eco-Pragmatists (2)

Page 85

C

18%

L

8%

I

7%

M

13%

A

19%

T

18%

E

18%

While they know climate change is an issue, they stick to more traditional behaviours (e.g. recycling), preferring to put the onus of bigger change on the Government and companies.

Not taking action and not interested in doing so. They feel focus should be put on local/UK issues rather than global environmental issues.

Climate change is important to them and they want to make a difference, but it doesn't always follow through into action. They tend to make changes but not stick to them.

Genuinely care about the environment and place a high priority on protecting it through their own behaviours, as well as encouraging others to follow suit.

Still uncertain on their position with regards to climate change, somewhat lacking clarity on the topic. They are currently focusing on saving money, so climate change is a low priority.

Climate change and the environment is not a priority and they're not particularly interested in it, hence exhibiting fewer sustainable behaviours. They have other priorities in their busy lives.

Care for the environment and think more should be done to tackle climate change. While they exhibit a lot of sustainable behaviours, they know their limits (often financial).

GMCA 20%

GMCA 4%

GMCA 9%

GMCA 13%

GMCA 19%

GMCA 21%

GMCA 14%

2nd

7th

6th

5th

3rd

1st

4th

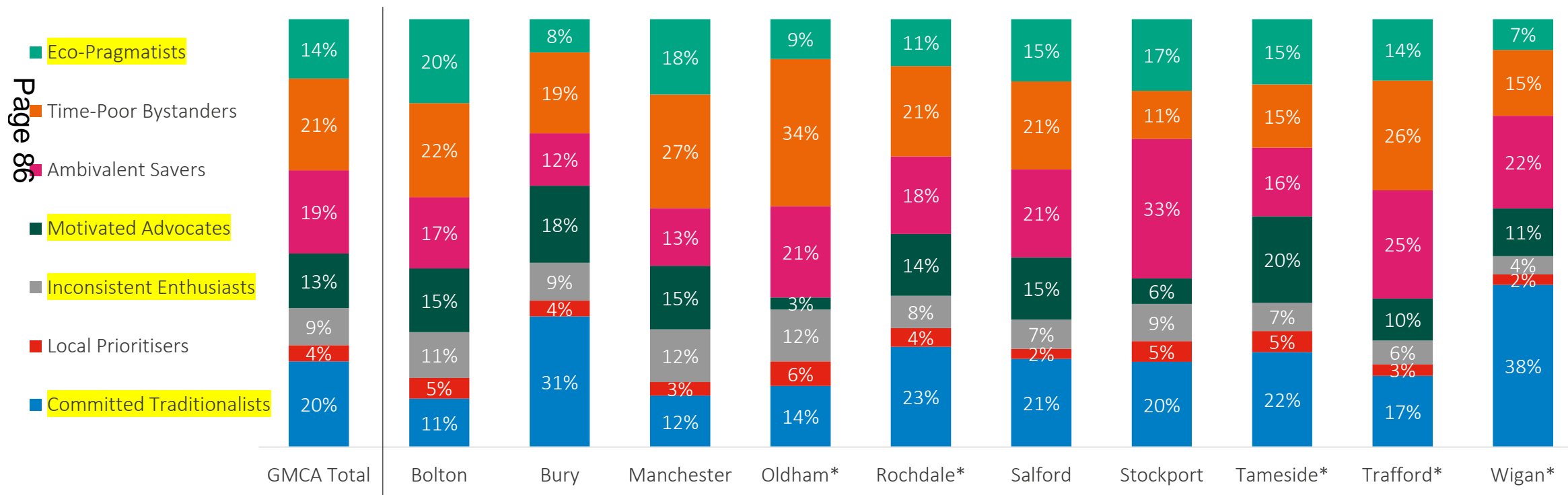
Produced by Impact in strict confidence

IPACI

CLIMATE SEGMENTS IN GMCA REGIONS

Oldham, Manchester and Trafford are more likely to have Time-Poor bystanders. Just under 1 in 3 of those in Bury are committed traditionalists. 1 of 3 of those in Stockport are ambivalent savers.

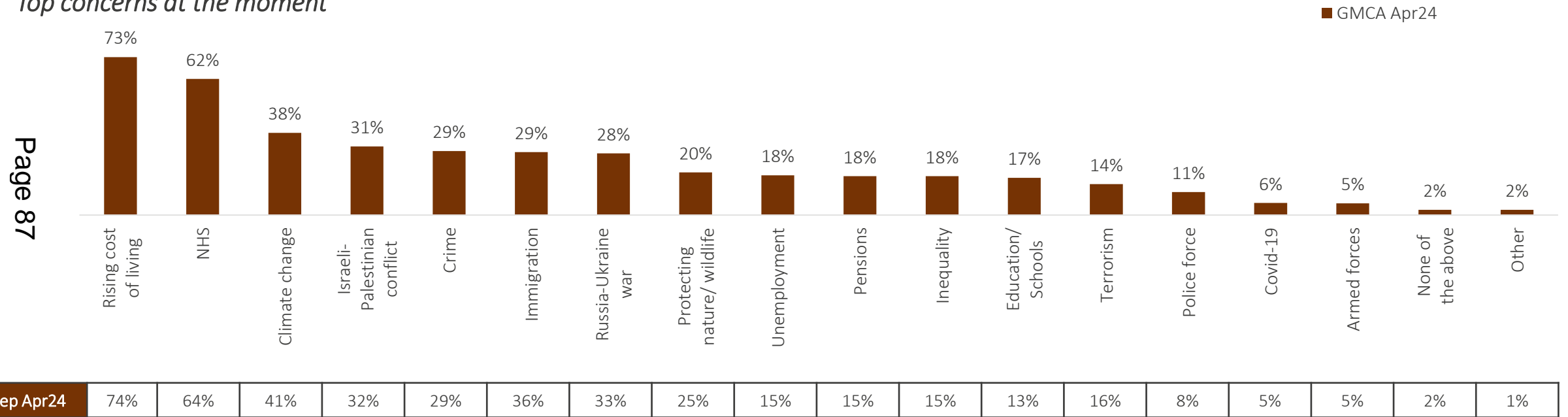
CLIMATE Segments within each region of GMCA



AREAS OF CONCERN

The primary area of concern is the rising cost of living with 3 in 4 saying this concerns them. Immigration is of greater concern at a Nat Rep level than it is at a GMCA level.

Top concerns at the moment



Page 87

Nat Rep Apr24	74%	64%	41%	32%	29%	36%	33%	25%	15%	15%	15%	13%	16%	8%	5%	5%	2%	1%
---------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----	----	----	----	----

65+ GMCA: **Sig. higher** NHS (79%), immigration (49%) and Russia-Ukraine war (44%)

25-34 GMCA: **Sig. higher** unemployment (36%)

Children in HH GMCA: **Sig. higher** schools (33%)

Income less than £24,999 GMCA: **Sig. higher** rising cost of living (82%)

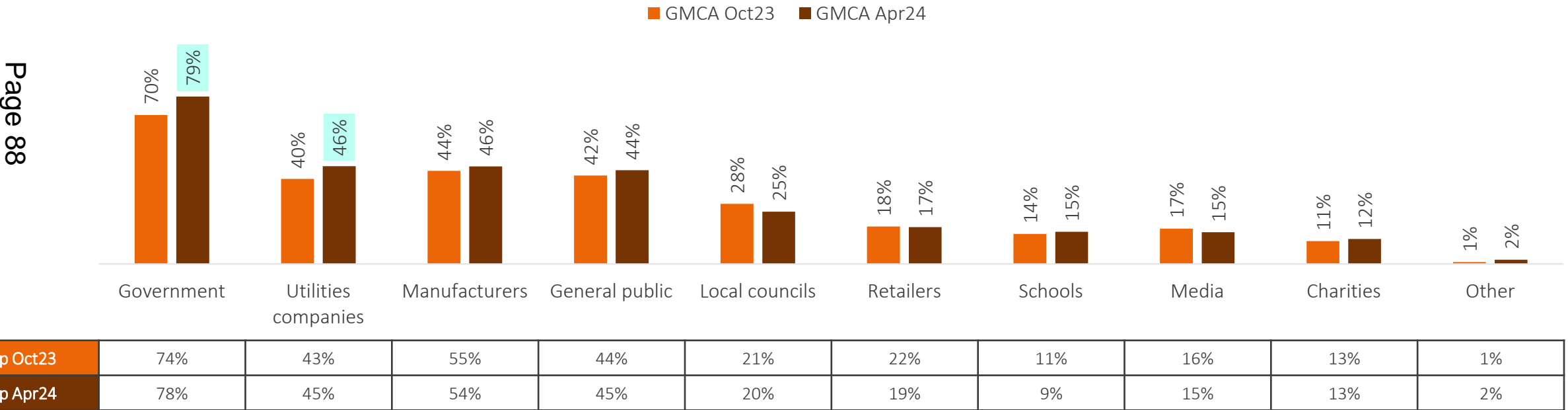
New code added (Israel-Palestinian conflict) – tracking started from scratch

GMCA sig. higher than the UK
 GMCA sig. lower than the UK

RESPONSIBLE FOR TACKLING CLIMATE CHANGE - PROMPTED

The Government is deemed most responsible for tackling climate change, consistent across GMCA and the UK. GMCA residents are also more likely to place responsibility on their Local Councils, putting pressure on GMCA to act. Schools are also important, especially amongst the 16-24 age cohort.

Responsibility for tackling climate change - % Ranked Top 3



16-24 GMCA: Sig. higher for schools (37%)

Children in the HH GMCA: Sig. higher for schools (24%)

WHAT PEOPLE ARE EXPECTING SCHOOLS TO DO MORE OF

People are expecting schools to teach children, from a young age, more about climate change and what they can do to try help the environment.

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What schools should do:

- Teach and educate children/ students (and parents) as they are the future generation.
 - Teach them about climate changes due to human actions
 - How/ what to recycle
 - Not to be wasteful
 - Sustainable transport, pollution
 - Not just do 1 lesson but make it part of the curriculum

“Because if the next generation are educated on the matter, the trend should continue with the next making the world a better place.”

“I think if it was spoken about more early in life people would grow up doing the right things rather than trying to change habits later in life.”

“Teach the children more about climate change and how they can help. Encourage with fun tasks/challenges/competitions.”

“Less packaging with food, speak about the benefits of recycling, using reusable items, how to use a bin and not just chuck things.”

“Encourage environmental consciousness by implementing recycling programs, reducing waste, conserving energy and water, and promoting eco-friendly transportation options like biking or walking to school.”

“Do classes or after school classes on the importance of the climate or maybe have them plant trees and monitor their growth.”

WHAT PEOPLE ARE EXPECTING LOCAL COUNCILS TO DO MORE OF

People would like the local council to offer improved recycling facilities, provide more advice through leaflets or talks and put more investment into sustainable initiatives.

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What local councils should do:

- Better recycling services and facilities, collect a wider variety of items, more recycling bins available in the community
- Advise and educate homeowners on how to be sustainable
- Invest in renewable energy
- Invest in public transport
- Incentive for people to be sustainable
- More electric vehicle charging points
- Planting more trees
- Reduce pollution
- Give talks, meetings for the community

“Collect more items that can be recycled, at the moment my local council only collect paper/ cardboard/ aluminum tins/ glass/ garden waste. If they collected things such as batteries, a lot of these items could be recycled rather than going to the landfill.”

“They could have it as one of there priorities - make people more aware of how our decisions affect the planet and what could happen in the future. Make more flyers, advertisements regarding this.”

“Encourage the adoption of renewable energy sources like solar and offer incentives or subsidies for installation, invest in public transport systems that are more consistent and keep to time to reduce reliance on cars, thereby reducing greenhouse gas emissions from transportation.”

“Encourage green incentives for businesses and transport.”

“Council delivers information to society as a leaflets or on TV or even by email.”

“Use electric vehicles and take measures to stop local flooding.”

“They need to encourage and give talks on climate change and make it one of their priorities.”

CONSUMER ATTITUDES - SEGMENTS

Significantly higher than GMCA total sample

Significantly lower than GMCA total sample

*Low base size warning

Column %	Total Nat Rep Sample	GMCA Total Sample	Committed Traditionalists (GMCA)	Local Prioritisers (GMCA)*	Inconsistent Enthusiasts (GMCA)*	Motivated Advocates (GMCA)	Ambivalent Savers (GMCA)	Time-Poor Bystanders (GMCA)	Eco-Pragmatists (GMCA)
NET: Agree (slightly agree, agree and somewhat agree)									
I make a conscious effort to recycle	91%	89%	91%	56%	91%	100%	86%	83%	98%
Companies need to do more to help the environment	85%	90%	90%	51%	93%	100%	80%	91%	100%
It is important for me to eat a healthy diet	82%	86%	81%	57%	98%	100%	85%	81%	90%
The government need to do more to help the environment	82%	86%	84%	69%	95%	99%	69%	86%	100%
There should be greater investment in renewable energy	81%	85%	84%	59%	95%	94%	68%	89%	95%
I want to do more to help the environment	74%	80%	77%	44%	100%	99%	52%	83%	97%
I could do more to help the environment	74%	78%	67%	40%	86%	86%	72%	81%	94%
The use of plastic in packaging should be banned	65%	68%	68%	0%	94%	89%	52%	59%	88%
It is important for me to eat a sustainable diet	59%	64%	60%	7%	88%	93%	34%	65%	87%
I make lifestyle compromises to benefit the environment	56%	58%	56%	2%	88%	94%	25%	53%	80%
I'm willing to pay more for products from companies committed to the environment	47%	52%	39%	6%	98%	84%	8%	52%	87%
I actively look for information about the environment and climate change	46%	49%	25%	0%	95%	91%	8%	53%	83%
The environment is low priority for me compared to a lot of other things in my life	34%	36%	15%	100%	79%	4%	66%	39%	7%
I don't really think about the amount of packaging on the products I buy	34%	31%	11%	70%	68%	4%	39%	52%	10%
The effects of climate change are too far in the future to really worry me	29%	30%	13%	46%	76%	1%	43%	43%	10%
It's not worth me doing things to help the environment if others don't do the same	28%	30%	7%	82%	69%	2%	34%	51%	12%

C1. To what extent do you agree or disagree with the following statements? Base: Nat Rep: 2,017, GMCA: 570, GMCA Committed Traditionalists: 118, GMCA Local Prioritisers: 24, GMCA Inconsistent Enthusiasts: 45, GMCA Motivated Advocates: 81, GMCA Ambivalent Savers: 107, GMCA Time-Poor Bystanders: 112, GMCA Eco-Pragmatists: 83

CONSUMER ATTITUDES - SEGMENTS

Significantly higher than GMCA total sample

Significantly lower than GMCA total sample

**Low base size warning*

Column %	Total Nat Rep Sample	GMCA Total Sample	Committed Traditionalists (GMCA)	Local Prioritisers (GMCA)*	Inconsistent Enthusiasts (GMCA)*	Motivated Advocates (GMCA)	Ambivalent Savers (GMCA)	Time-Poor Bystanders (GMCA)	Eco-Pragmatists (GMCA)
NET: Agree (slightly agree, agree and somewhat agree)									
The only way for any significant change is for the UK government to take action	72%	77%	71%	73%	88%	84%	53%	87%	87%
I need more information about what I can do to be environmentally-friendly	61%	65%	60%	39%	76%	72%	50%	70%	81%
The UK government doesn't take climate change seriously enough	57%	61%	48%	49%	88%	73%	44%	68%	67%
There is too much conflicting information about the environment and climate change	52%	51%	29%	75%	83%	21%	73%	51%	50%
Having children makes it harder to be environmentally-friendly	33%	36%	27%	41%	72%	24%	38%	39%	33%
I tend to make changes in my environmental behaviours but not stick to them	26%	31%	11%	8%	88%	6%	24%	55%	28%
Global warming is a myth	13%	14%	2%	30%	49%	1%	15%	21%	4%

Recommendations

- To note the presentation.

Any Questions

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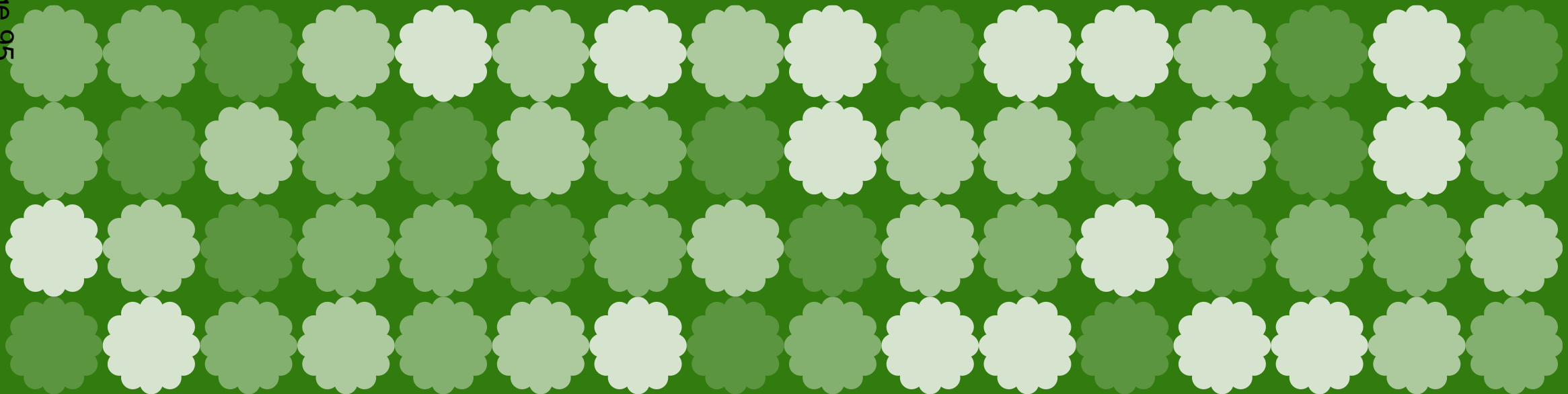
Contact Details:

Sarah Mellor

sarah.mellor@greatermanchester-ca.gov.uk

GM Net Zero Accelerator

Dan Griffiths, Head of Low Carbon, GMCA



NZ Accelerator Objectives and Key Updates

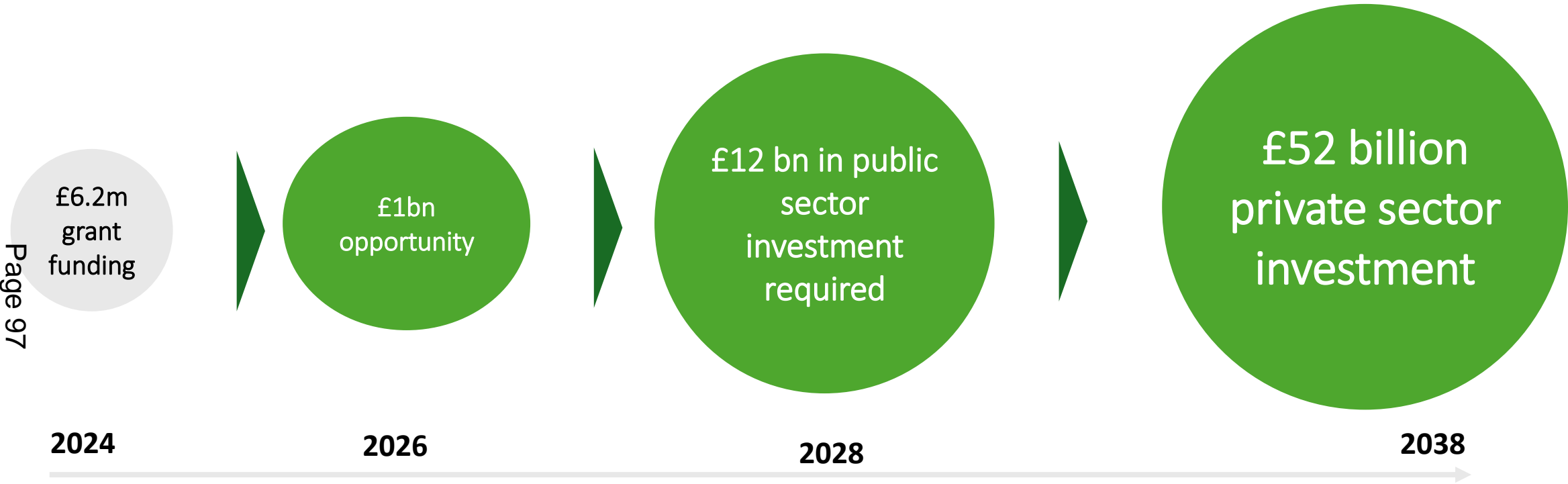
Overview and Objectives

- The NZ Accelerator is a DESNZ funded programme (£6.2m April 2024-March 2026) designed to accelerate and scale delivery of Net Zero plans and specifically whether we can develop an aggregated bundle of projects and successfully seek investment for the bundle as a whole, rather than just for individual projects.

Progress Update

- Business Case fully signed off after delayed start the June National DESNZ Programme Board and first payment tranche released
- First quarter has been spent **mobilizing, recruiting and procuring** key advisors and developing detailed workpackage plans for the programme
- We need the support from districts to deliver – we are developing engagement plans which will be shared shortly

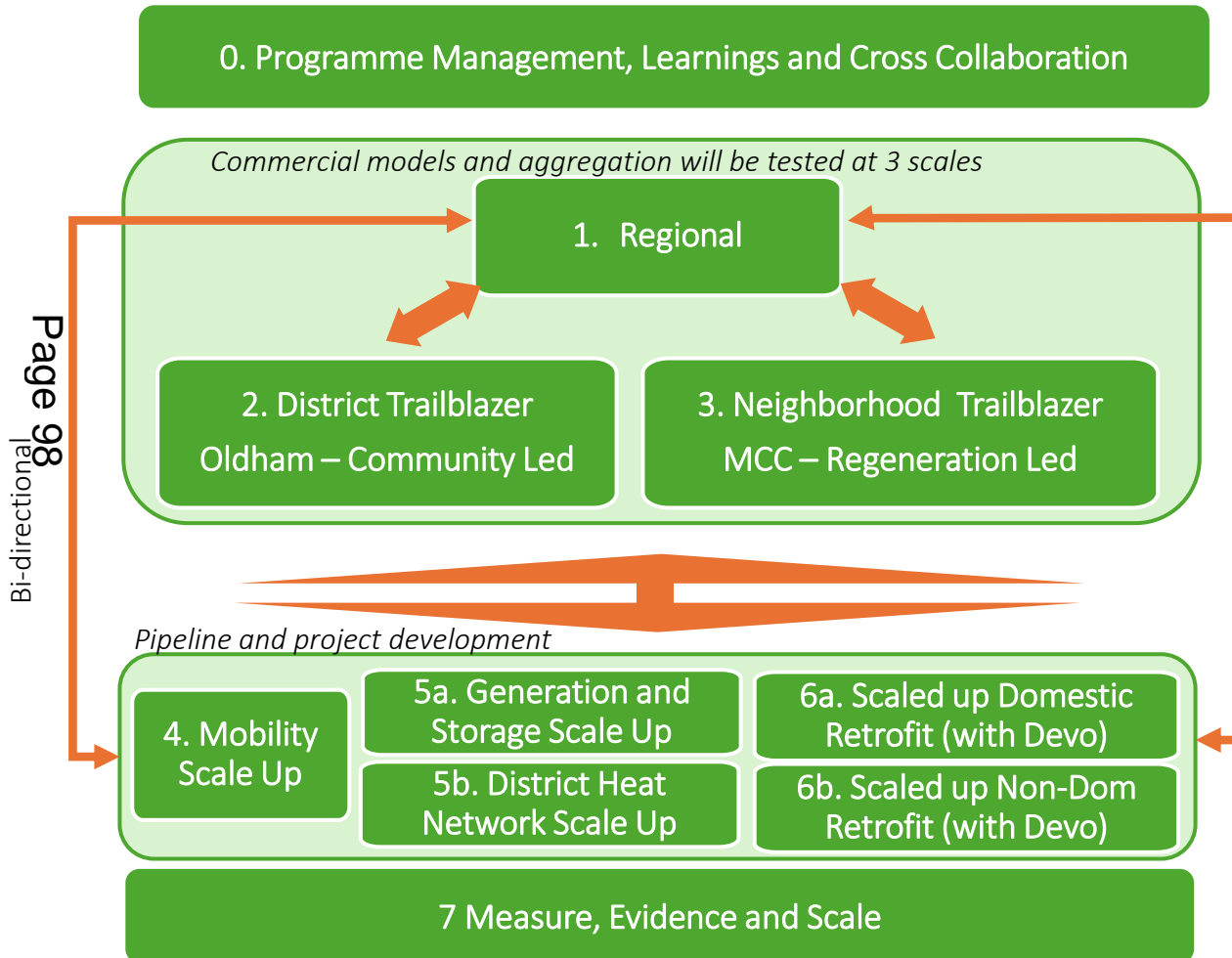
This programme will aim to unlock private sector investment...



Ambition for **£64 billion** (as specified in the LAEPs) to reach **GM's 2038 Carbon Neutral Targets**

Accelerator Overview: testing 3 scales of aggregation to develop new investment and delivery models

Programme Workpackages



Workstream Outcomes

1. Regional Investment and Delivery Vehicle(s)
2. Secured JV Partner and Delivery of Oldham Green New Deal
3. Mapped pipeline to feed into regional investment programme
4. Integrated low carbon transport models
5. Expanded Heat, Electricity Generation, and Storage Delivery Model
6. Optimised Retrofit Programme
7. Evidence base to expand, replicate and scale

The DESNZ Accelerator programme will create the trajectory for Carbon Neutrality in GMCA

Accelerator to prepare for ramp up with devolution

Programme Yr	Mar 2024 – March 2025	April 2025 – March 26	April 2026 – March 2027	April 2027 – Mar 2028
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DESNZ Accelerator Key Milestones and Targets

WP1 Regional	2 OBCs signed off inc operating model and place-based investment strategy	Investment fund vehicle(s) signed off with investment pipeline c £1bn
WP2 Local Trailblazer	Confirmation of delivery pipeline and procurement initiated for JV delivery partner	JV signed for delivery of >£30mn of projects
WP3 Neighbourhood	10 sites selected for pre-feasibility studies	£55mn in pipeline for investment and delivery
WP4 Mobility	Design and launch social tariff trial ;	£25mn of investment EV projects in pipeline
WP5 Heat, Gen, and Storage	Pipeline prioritised and 5 new pre-feasibility studies Delivery plan signed off	Test and refine delivery model £700mn in delivery pipeline (includes heat, gen, storage)
WP6 Retrofit Scale up	New propositions in development; delivery strategy agreed	Test and refine the delivery model; £200m in delivery pipeline



Potential £1 bn in project pipeline developed as part of the DESNZ Accelerator

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Accelerator Workstreams



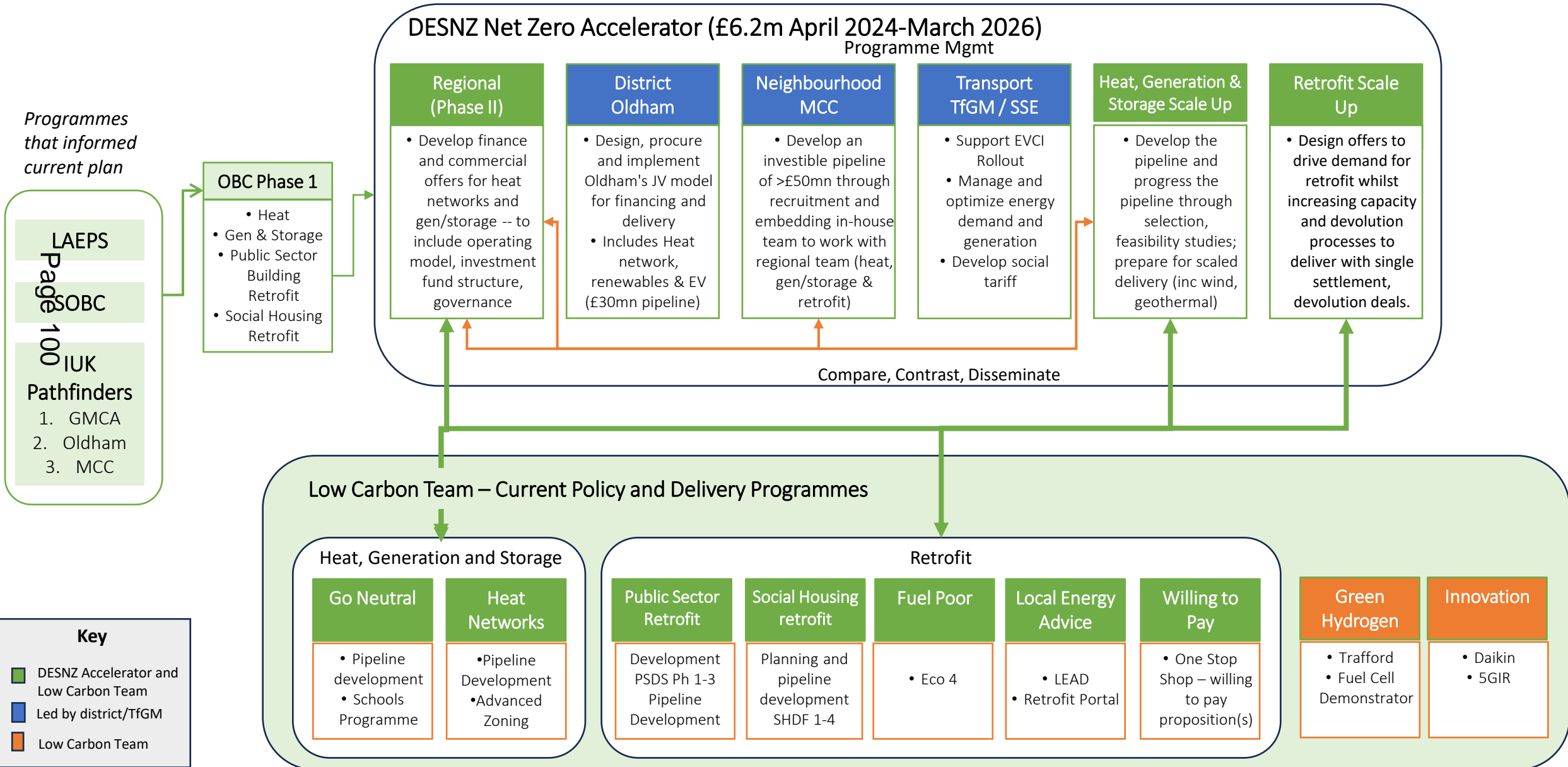
Asset Delivery Targets

Devolution Delivery Targets

	0	Delivery of heat networks with contract value of > £50mn	Delivery heat networks with contract value > £250mn
Heat Networks (£980m*)			
Generation and Storage (£4480m)	£10m	£15m - £20m	£30 mn of generation and storage delivery
Public Buildings (£1,200m)	£40m	£70m	£120 mn of investment delivered
Social Homes (£5,640m)	£20m	£60mn	£120mn of delivery
Public EV (£190m)	£15m	£30m	£60mn

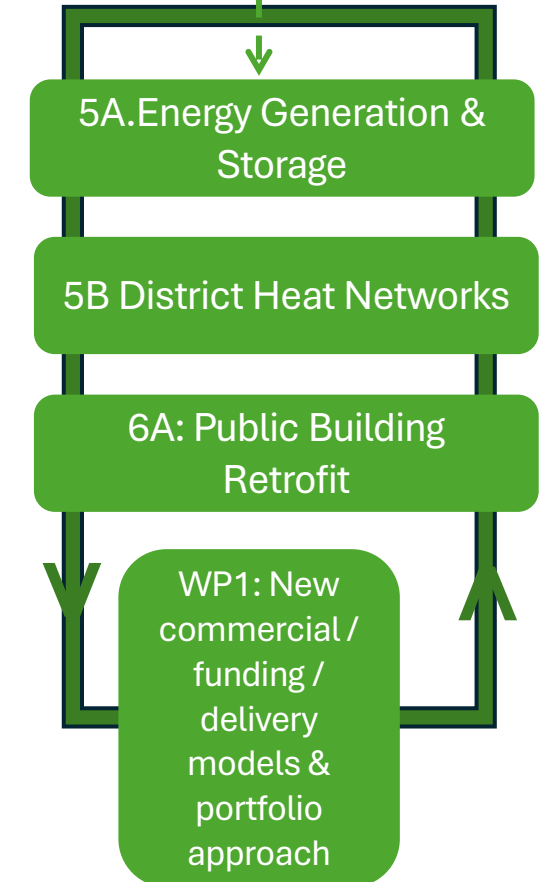
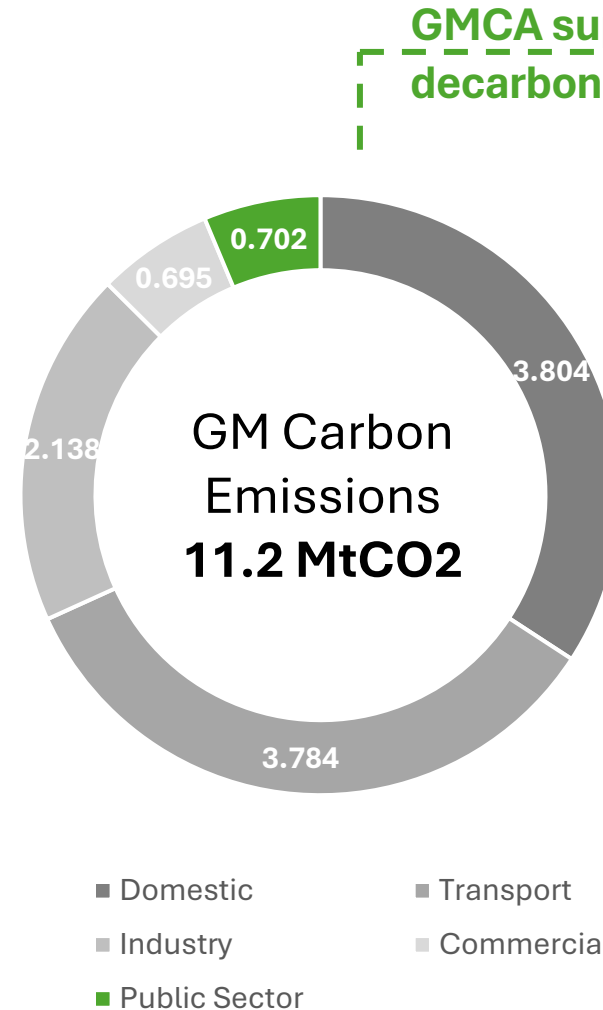
*Indicates size of investment opportunity as outlined in the SOBC

The programme supports the GM Low Carbon Team Activities



Scaling public sector decarbonisation is key to the programme

- Page 104
- We have setup a framework for action**, significant projects have commenced, but we need an 'order of magnitude' change if we are to seriously address the 2038 challenge.
 - Learning is informing a data driven approach** to pipeline development and delivery.
 - Significant barriers remain. **Development of complementary funding approaches and delivery models** are required but are not yet fully understood.
 - These models and approaches will be **explored and tested by the Accelerator.**



The programme will be developing practical support tools and driving step change delivery models

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Tools to support Districts

- Estate mapping tool(s) to rapidly **assess and prioritise projects**
- Tools and templates to support **pipeline development**, business cases and internal project development
- **Standardised contracts** (e.g. heat network off-take agreements)
- Electric Vehicle Charging Infrastructure (EVCI) site selection tool

Strategic Financial and Delivery Models

- Overall delivery and governance models (in support of devolution agreements)
- **Prioritised regional pipelines** and evaluated investment opportunities
- Investigating **Green Investment Fund** options and new finance opportunities
- Regional partnership and investment opportunities

Engagement with the districts and partners is critical to success and we will be sharing programme engagement plans in the near future

Recommendations

The Green City Region Partnership is requested to:

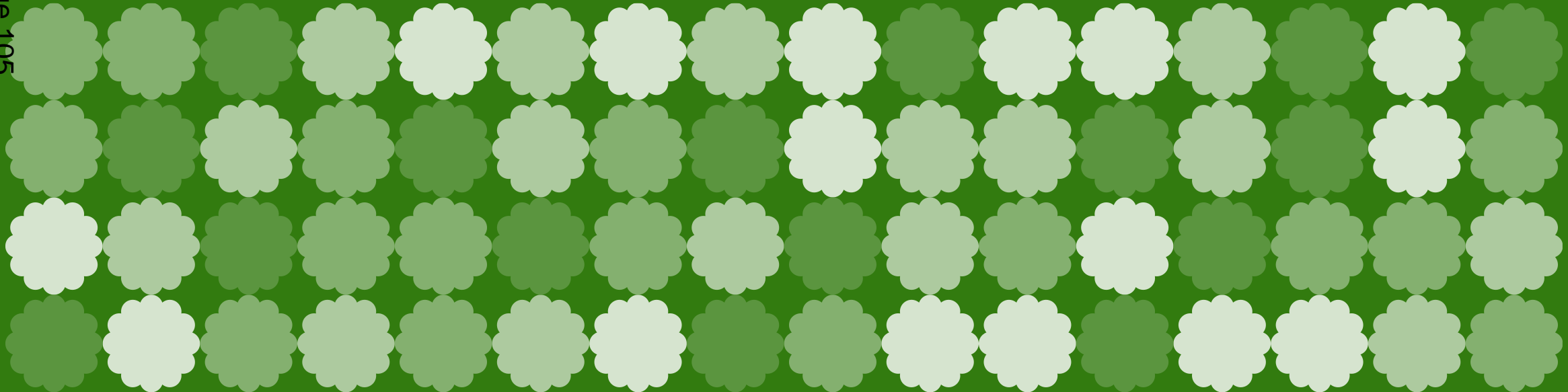
- 1) provide feedback on progress with the Net Zero Accelerator.
- 2) recognise the support needed from local authorities and stakeholders across Greater Manchester to deliver its outcomes – engagement plans to follow shortly.

Any Questions?

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5YEP Development: Carbon Emissions Pathway: summary and next steps

Rachel Berman, Principal Researcher, GMCA



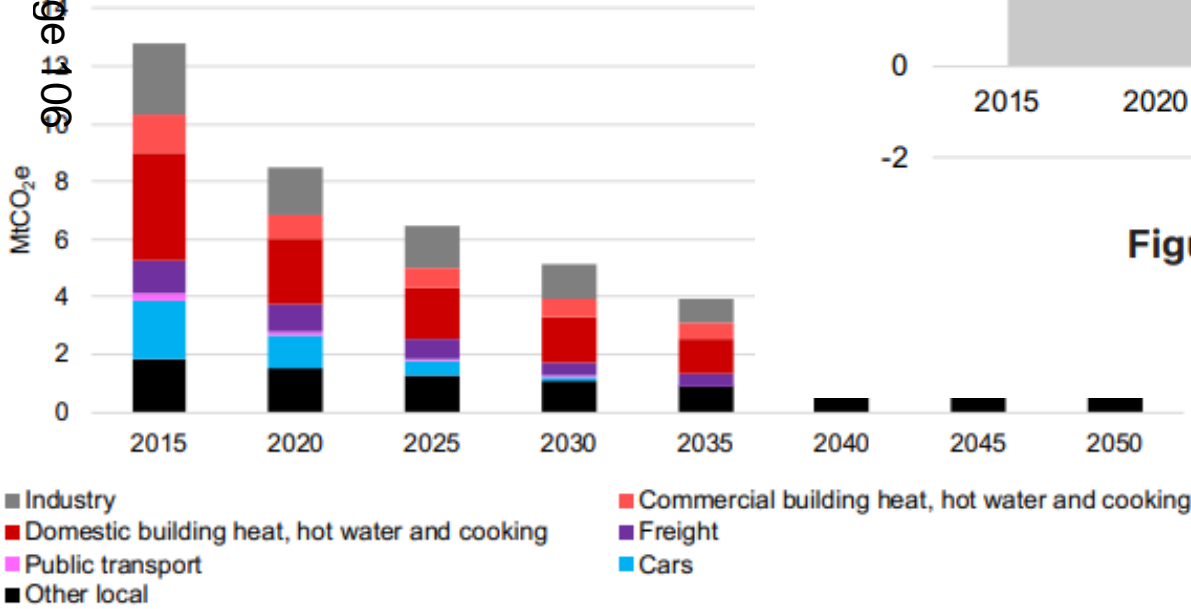


Figure 3 – Sectors where emission reductions come from (“SCATTER GM” pathway) Source: Anthesis

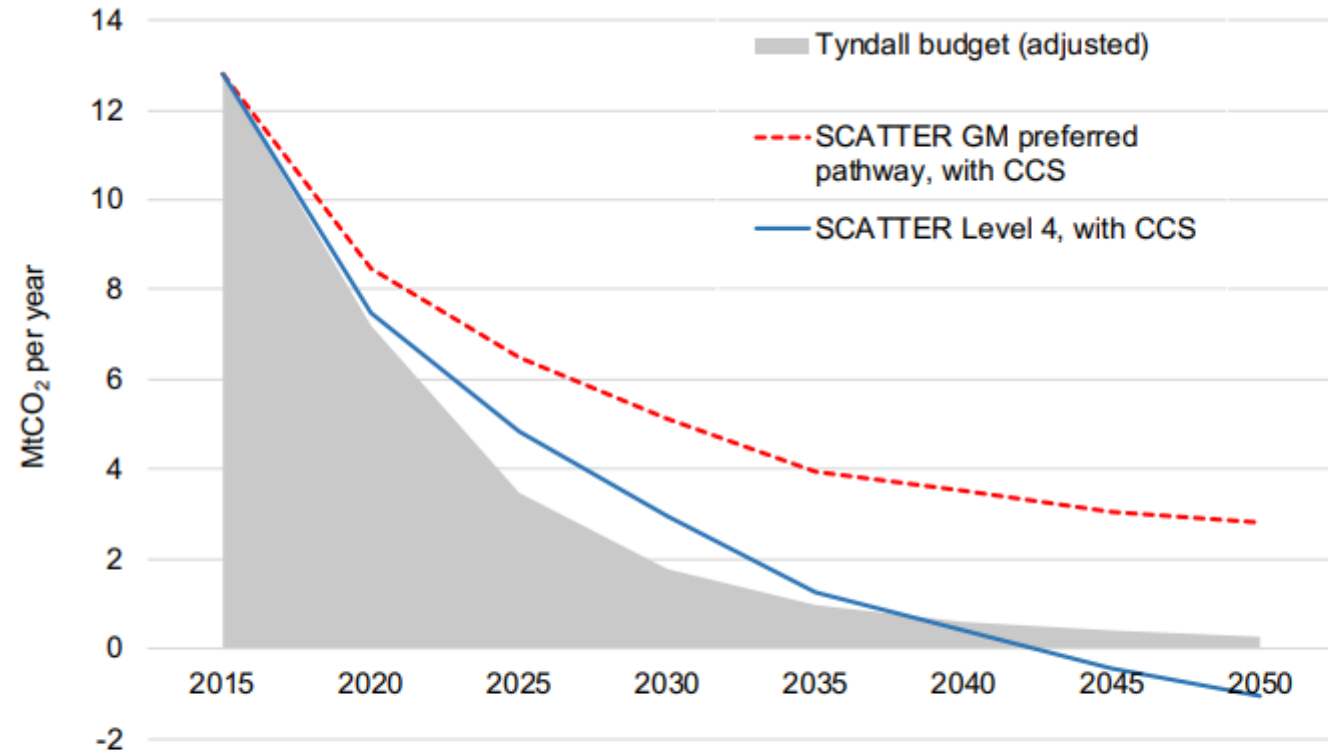


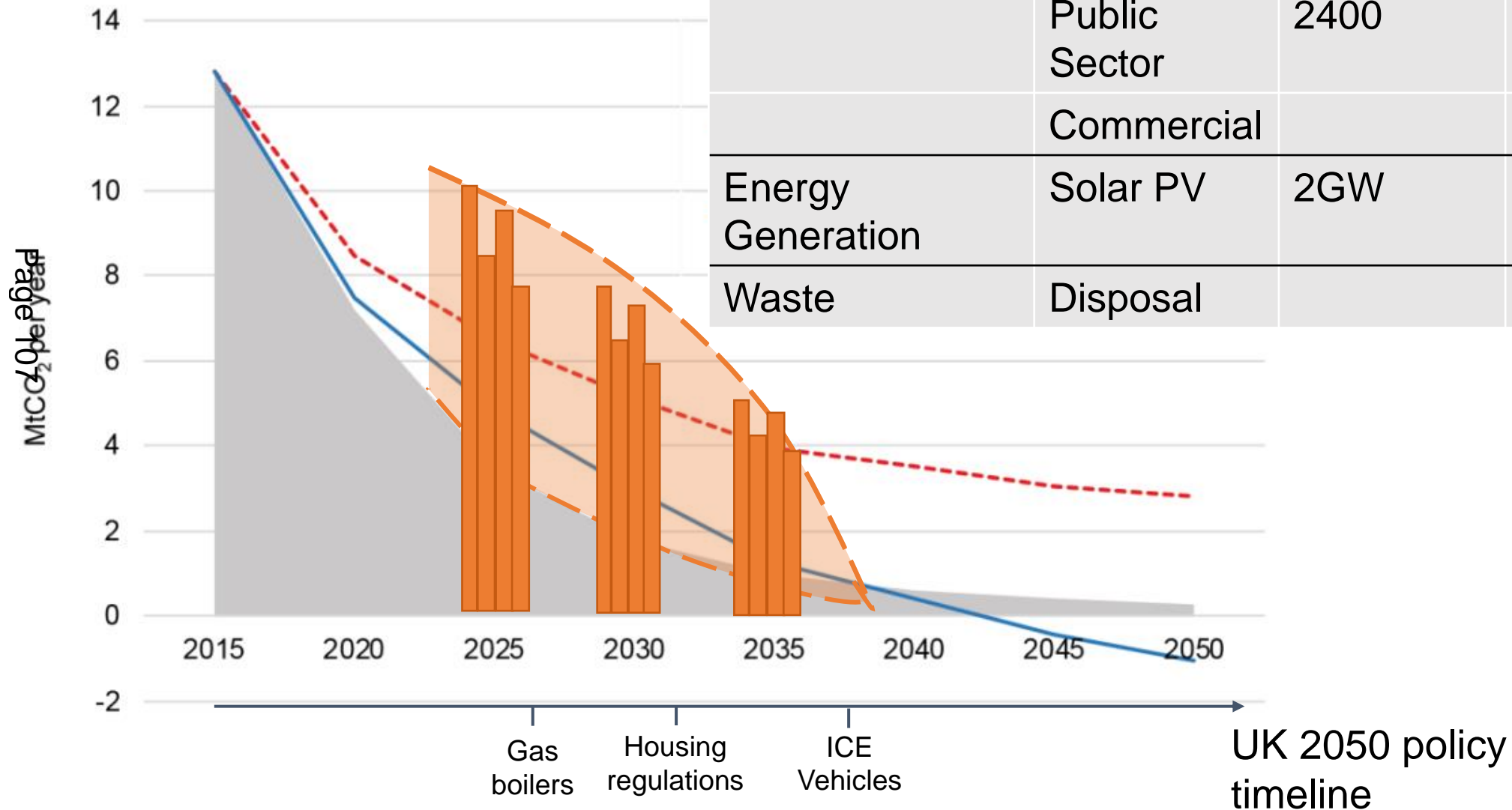
Figure 1 – Potential Carbon Reduction Pathways for Greater Manchester; Source: Anthesis

2016-2050 Total Emissions
Tyndall 94.5 MtCO ₂
SCATTER L4 111.9 MtCO₂
SCATTER GM 191.8 MtCO₂

EXAMPLE: INDICATIVE 5-YEAR SECTOR TARGETS

Thematic	Sub-area	Units	CO ₂ e
Retrofit	Domestic	140,000	???
	Public Sector	2400	???
	Commercial		???
Energy Generation	Solar PV	2GW	???
Waste	Disposal		

Targets



UK 2050 policy timeline

Summary:

- Challenge: to better understand emissions pathway forecast ahead of 5YEP development, and inform target setting
- Procurement process Autumn 2023. Commissioned Arup to undertake the work.
- First draft pathway projections and toolkit received.
- Outline of next steps

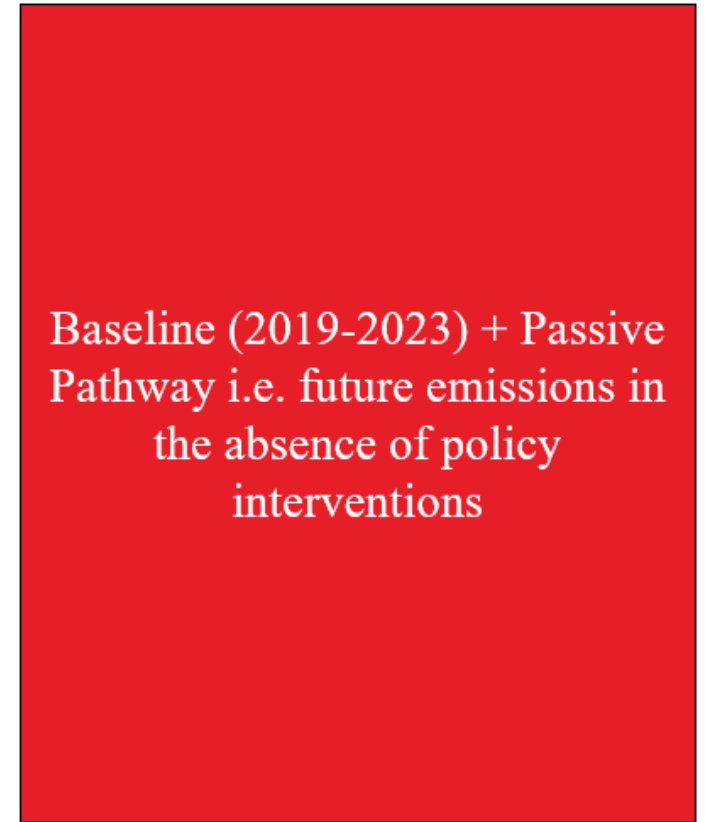
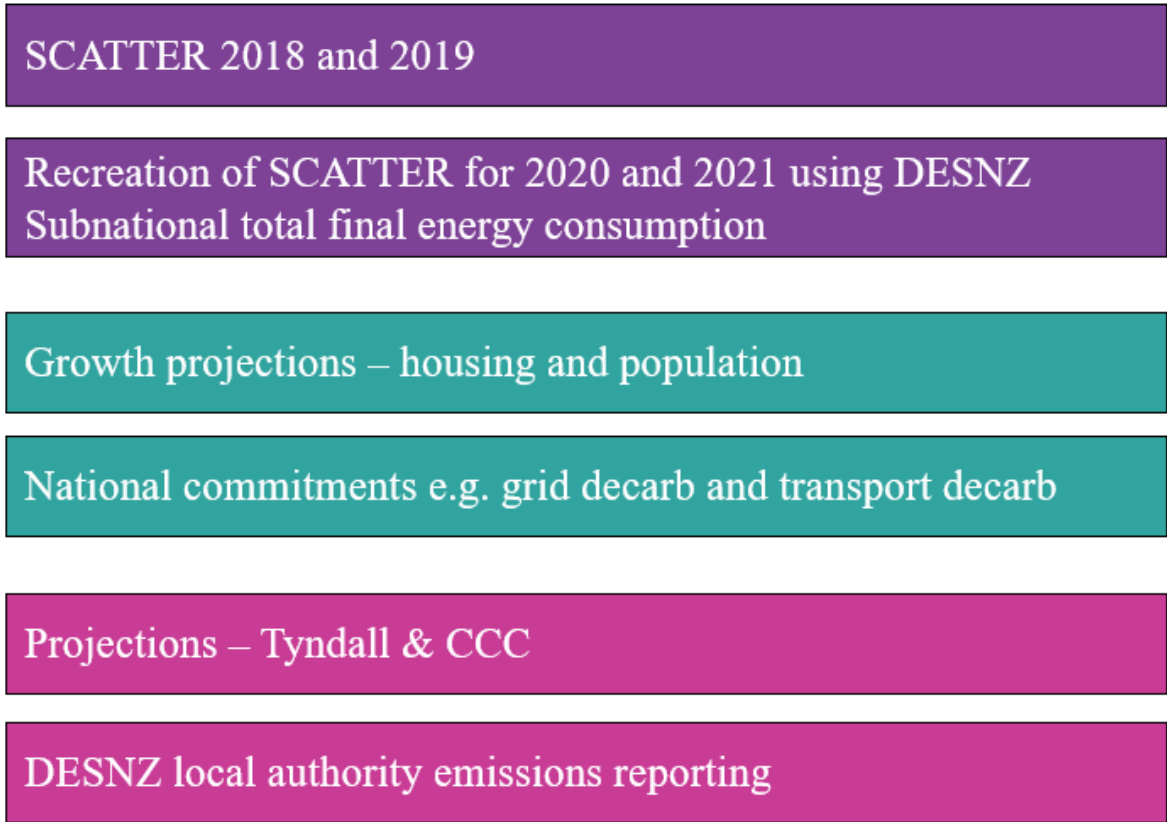
Building the baseline

Approach - data inputs

Inputs

Output

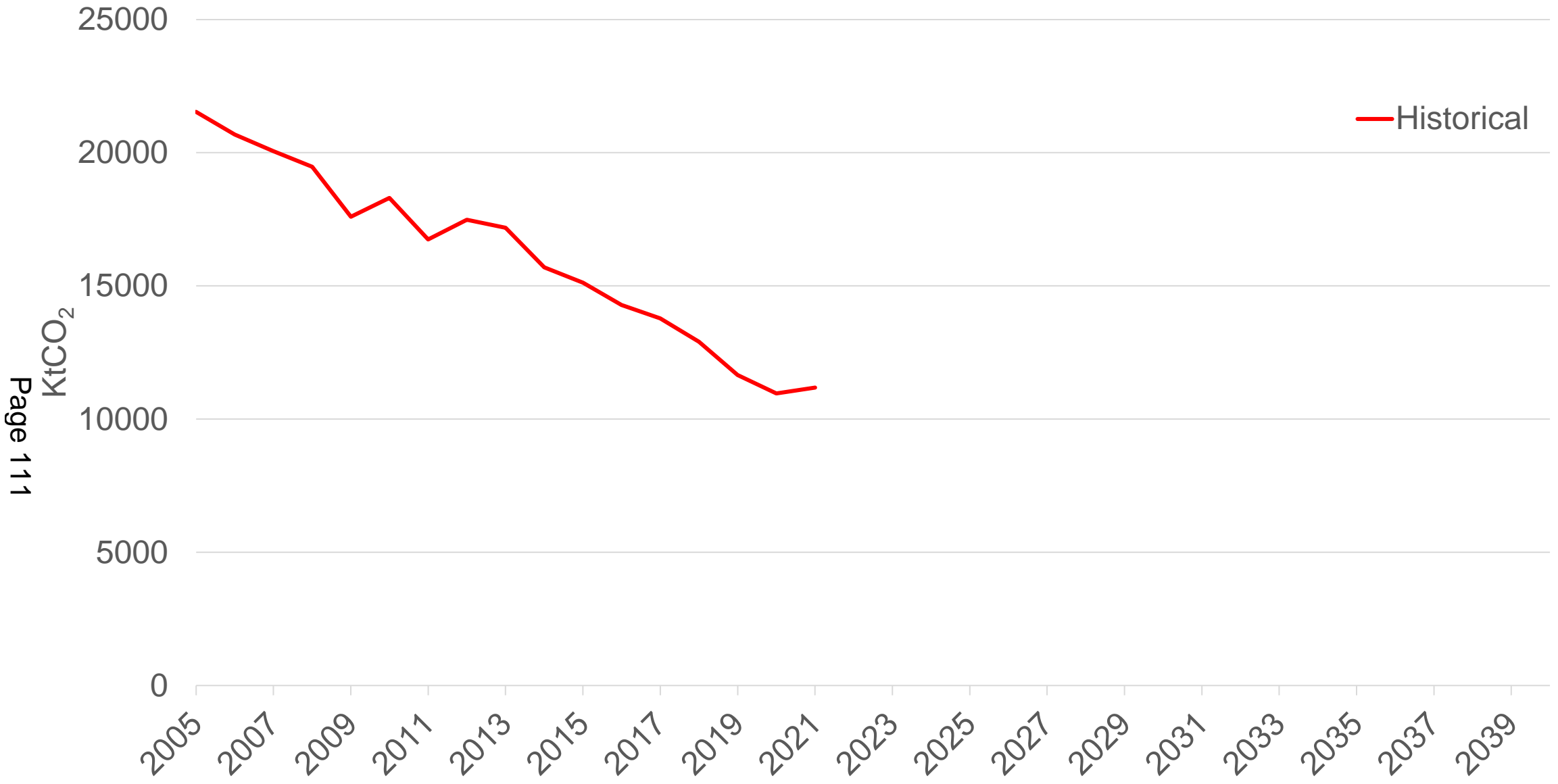
2019 - 2021
Page 109
2019 - 2021
2023 onwards
Contextual

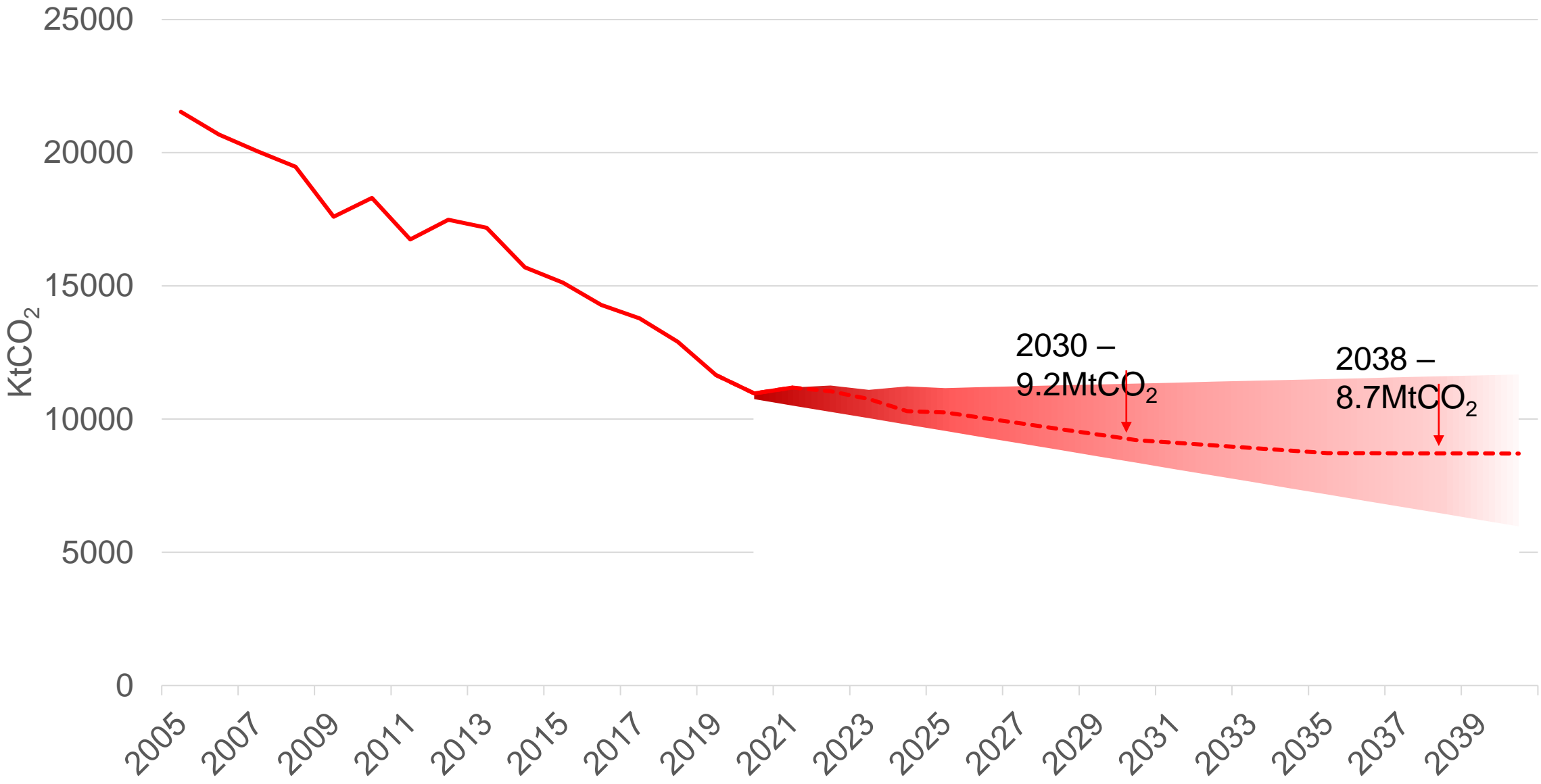


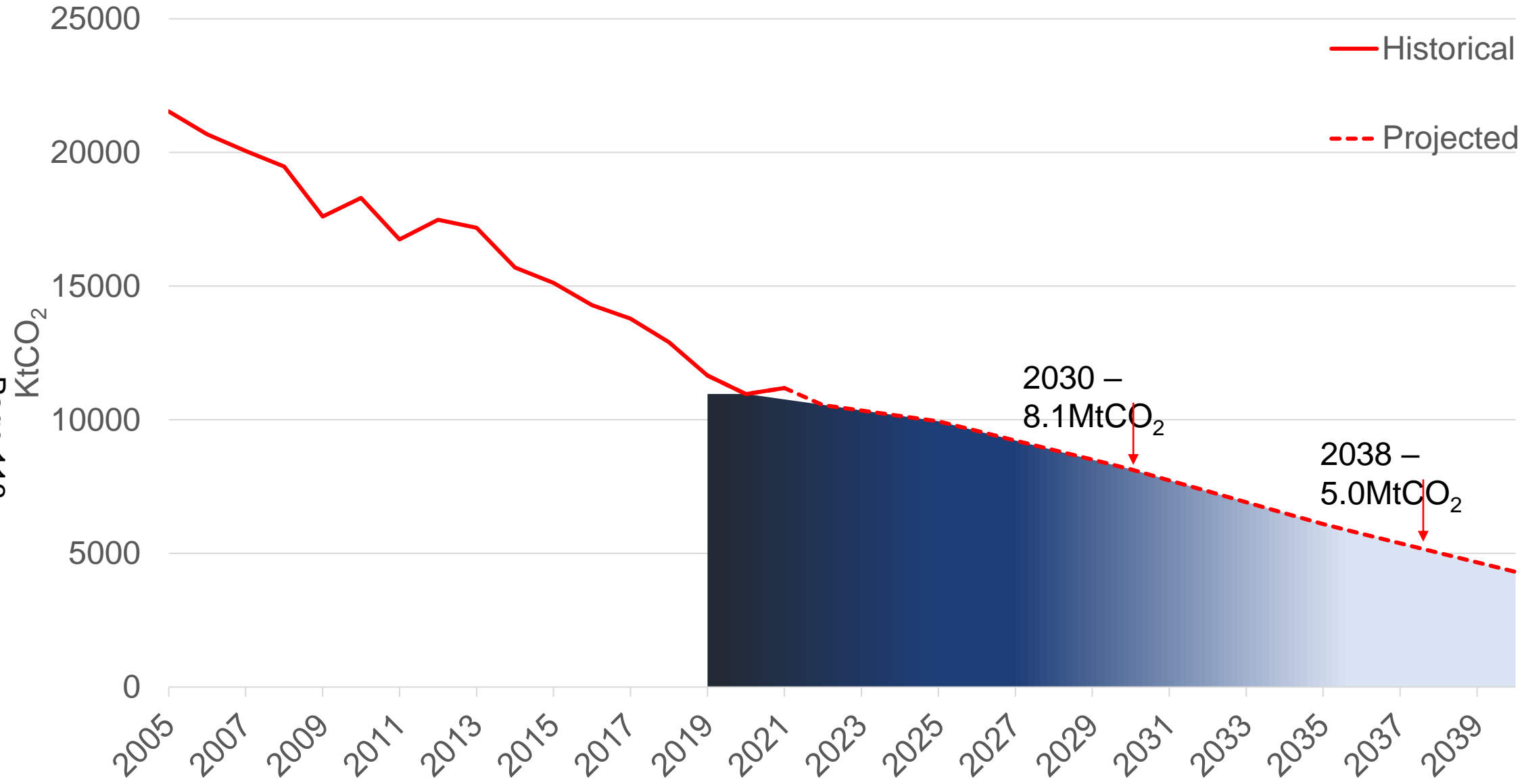
Baseline – (No additional action / “business as usual” / Do nothing)

- Assumes emissions reductions in GM occur as a result of UK national Government policy and action.
- No additional local activity
- BaU projections based on DESNZ Emissions and Energy Projections (EEP) and TfGM projections. EEP accounts for key variables, and climate policies where funding is agreed and policy design sufficiently advanced to understand impacts.
 - NOT a projection of what UK Governemnt NEEDS to do to reach Net Zero (see CCC)
- Shows the projection of GM emissions in the absence of policies proposed in the refreshed 5YEP.

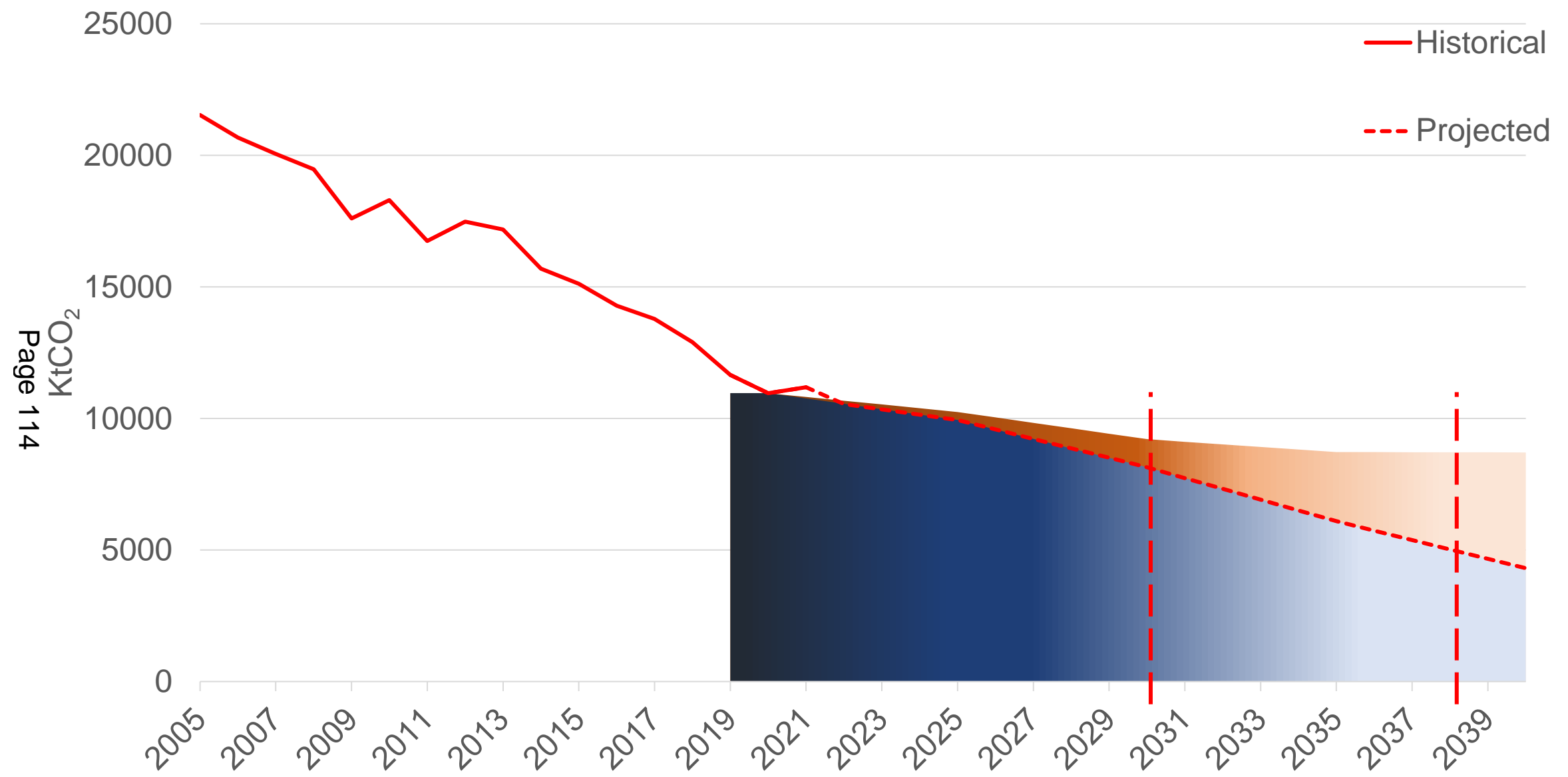
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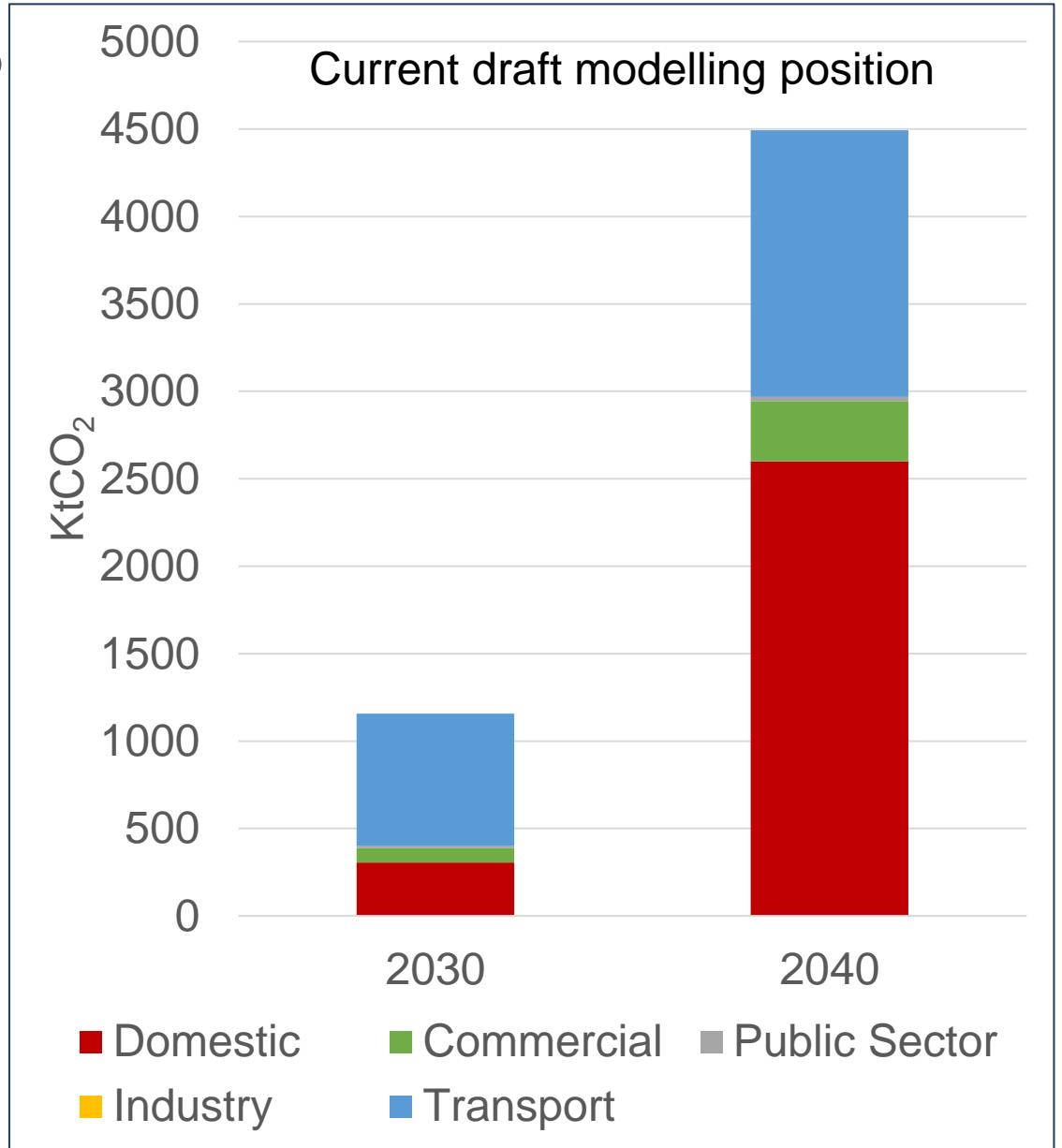
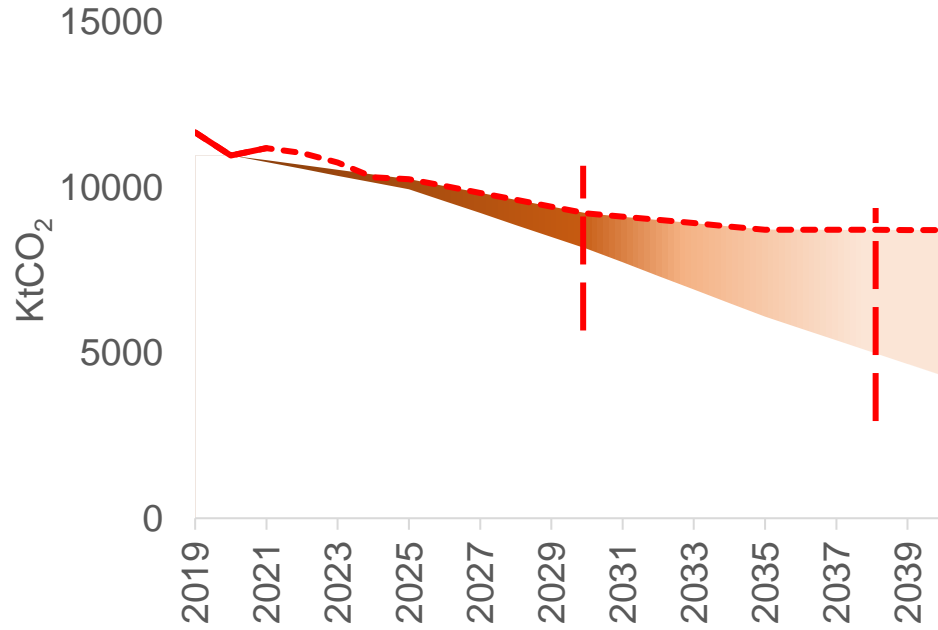
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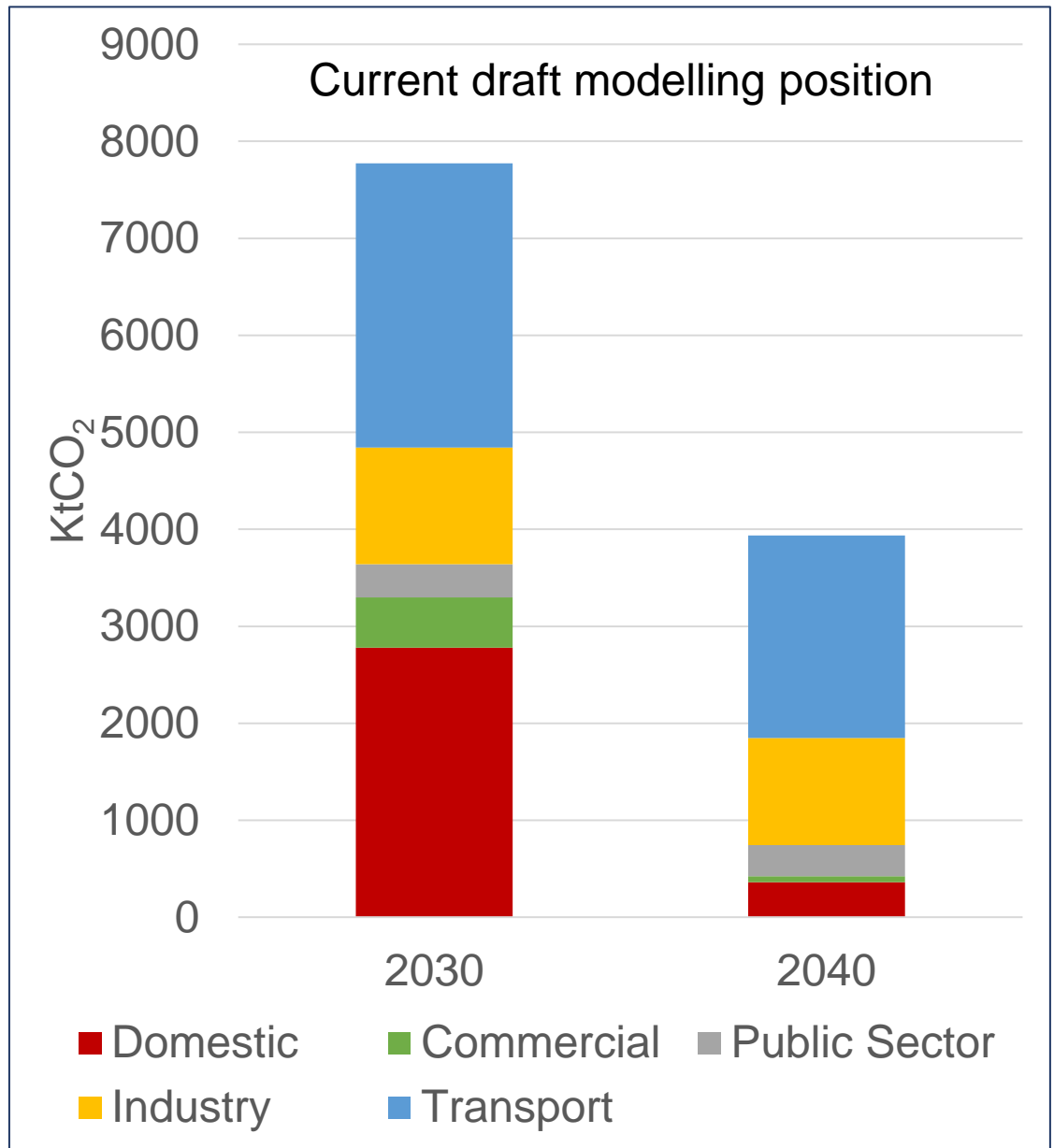
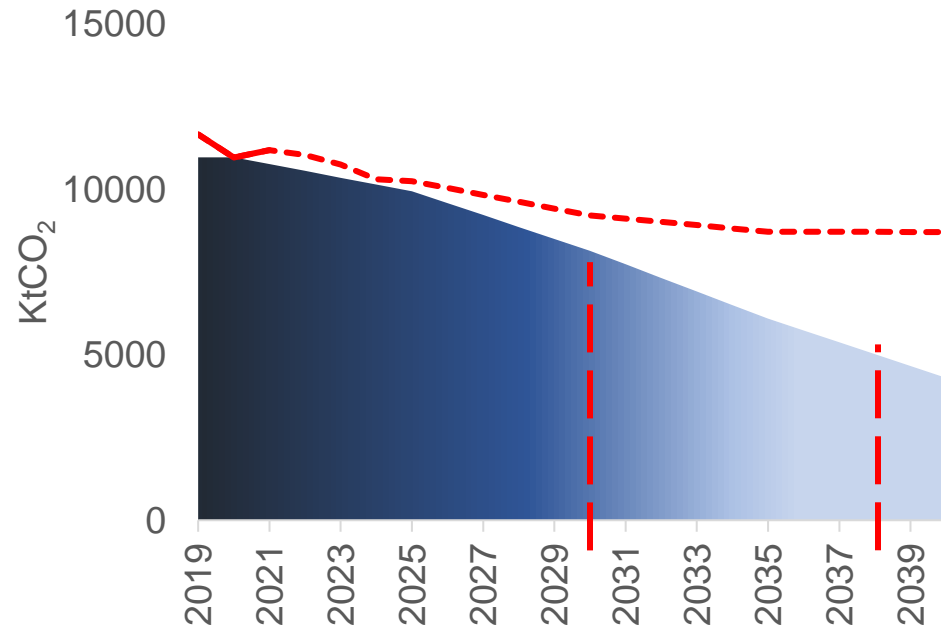
Emissions reductions

....the known ways



Residual emissions

....the unknown ways



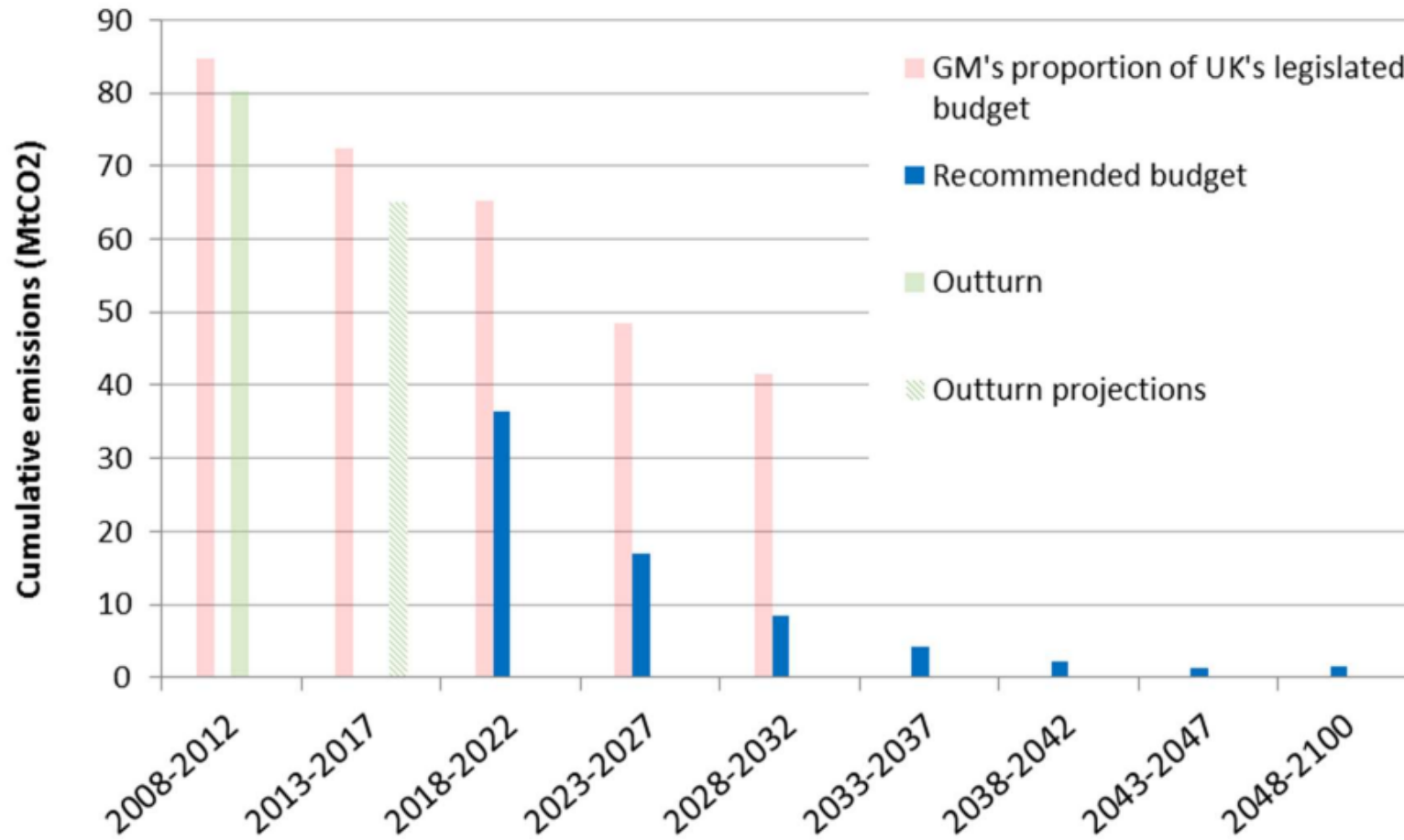


Figure 6: Periodic carbon budgets from 2008 and recommended budgets for Greater Manchester

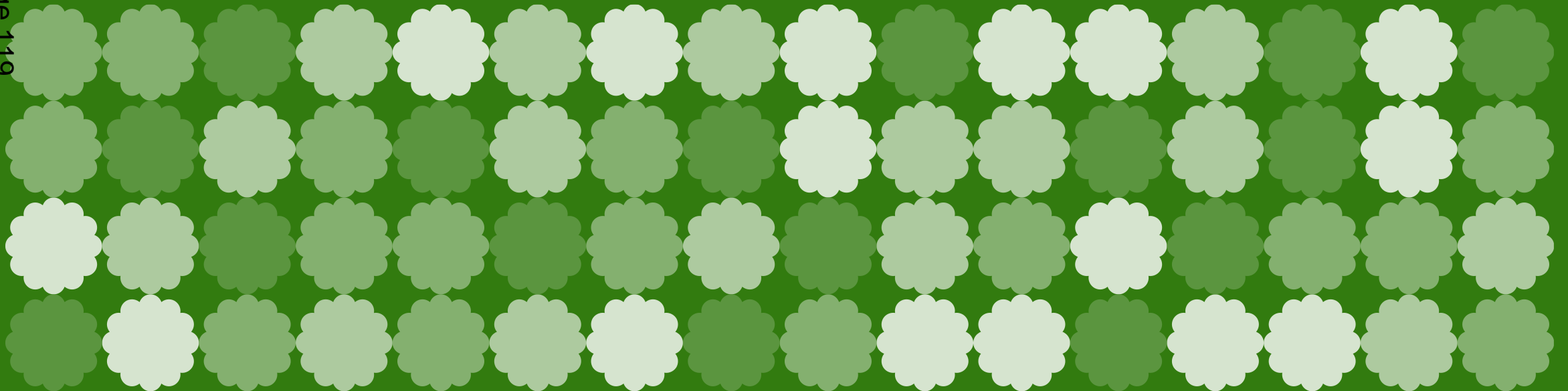
Key points and next steps

- This is just a model – limitation and caveats about method and assumptions used to construct pathway
 - Only what was known to Arup at point of modelling
 - Risk of double counting
 - Confirmation of CO₂/CO₂e
 - Confirmation of transport activities
- Consider high/low scenarios
- Residual emissions reductions – What? How? Who?
 - What is known, what is unknown
 - Carbon metrics workshop with key stakeholders
- Public sector influence

5 Year Environment Plan Development

Robyn Smith, Mission Based Approach Project Manager, GMCA

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Progress so far

Drafting

- Reviewing the vision, aims and objectives for the plan.
- Drafting the key actions for GM over the next 5 Years.
- Began drafting the plan.

Engagement/feedback

- Page 120
- First round engagement with key stakeholders for initial feedback on the vision and actions
 - Ongoing engagement with specific sectors/audiences e.g. business roundtables, GM Equalities Panel, YCA
 - LA Surveys

Emissions Pathway

- Working with Arup to develop an emissions pathway to 2038
-

Structure of the plan

Vision	What the longer-term vision for a greener GM looks like
Aims	The key long-term results required to achieve that vision for a greener GM
Objectives	The shorter term, specific results required to achieve our aims
Actions	The practical actions to be taken over the next 5 years that will contribute to delivering on our objectives.



**Wider impacts
(contextual)**

Our businesses have higher productivity and our public sector has lower operating costs, and more money stays local
Our carbon goods and service sector has grown, creating sustainable good quality jobs as we not only buy net zero we supply it
Our homes are warmer, healthier and have better air quality and cost no more to heat too
Our actions are recognised as leading the way, attracting inward investment



Our businesses and residents recognise and advocate the wider benefits net zero and sustainability brings, and act accordingly

Our land use is resilient, supports nature, biodiversity and provides us with the amenities we need, when we need them

Our water environment is resilient, stable, supports nature and provides us with the amenities we need, when we need them

Our energy is renewable, resilient and increasingly locally generated keeping our money local too

Our impact decision making, and evaluation makes the important measurable not the measurable important

**Final
Outcomes**
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Our approach to consumption and ownership reflects and supports our environmental objectives

Our products are designed, made, distributed and used to minimise environmental impacts and maximise benefits to

Our existing homes are healthy, resilient, well adapted and efficient and can be affordably heated by all of us

Our new buildings are efficient, adapted, and resilient meeting user needs and are aligned with our net zero goal

Our wider built environment is resilient, well adapted and efficiently heated and cooled with renewable energy



Our approach to net zero is adaptive, innovative, inclusive and open to doing things differently

Our access to finance products enables the acceleration of our actions to benefit everyone

Our economy has the resilience, capacity, skills and means to deliver and benefit from our environmental ambitions

Our travel choice decisions think active, then public transport options, before private EVs

Our public transport system meets the needs of all, enables active travel and is aligned to our environmental ambitions

**Intermediate
Milestone**

Increased leverage of private sector investment to accelerate Low Carbon delivery
Increased awareness of the low carbon opportunities and services available to support
Increased availability of skilled companies and workers in GM
Implementation of new financial instruments / funding vehicles to support Low Carbon Activity

Our aims to deliver on the vision

1. Our **energy infrastructure** is smart, flexible and fit for a low carbon, sustainable future
2. Our **buildings** are smart, flexible and energy efficient
3. Our **transport** system is reliable, integrated, inclusive, affordable and enables active and sustainable **travel**
4. Our **natural environment** is enhanced, providing benefits for nature and people
5. Our city region transitions to a **circular economy** and our **waste** is reduced, reused, recycled or recovered
6. Our residents and businesses are supported to adopt more **sustainable** living and business practices
7. Our city-region is better **adapted** to the increasing impacts of climate change and is more **resilient**
8. Our **air quality** enhances the health wellbeing and quality of life of the city region

Objectives/Actions

- Reflecting on the vision and aims objectives were developed for each aim.
- For each objective cross sectoral actions have been developed.
- The actions have been split into direct (what is in the lead's control) and enabling actions (engaging/influencing).



Aim 2: Our buildings are smart, flexible and energy efficient

- Increase the number of homes retrofitted
- Increase the number of public and commercial buildings retrofitted
- Increase the number of low carbon heating systems installed

EXAMPLE



Increase the number of homes retrofitted (direct actions)

	Action	Lead
1	All social housing with EPC of C or below should have a retrofit assessment (in line with PAS2035) by 2025.	GMCA/Districts/Social Landlords
2	All residents with EPC rating D or below should consider investing in retrofitting their property.	ENWL/GMCA/Districts /Businesses
3	All residents should consider the uptake energy saving measures	Residents
4	Support the creation of a range of retrofit finance offers to support residents to retrofit their homes	GMCA/LAs
5	Pilot bespoke higher Minimum Energy Efficiency Standards for existing private rented.	LAs

EXAMPLE

Increase the number of homes retrofitted (enabling actions)

	Enabling Action	Lead
1a	Work with social landlords to access govt. finance for social homes.	LAs
1b	Establish grant scheme funding from a devolved single-settlement funding for retrofit.	Govt./GMCA
1c	Help RSLs agree uniform specification for key technologies, underpinning the potential for collaborative or forward procurement exercises	LAs/GMCA
1d	Complete research into how EPC data can be improved.	Academia
1e	Develop bespoke processes to support large-scale social housing retrofit projects to connect to the network	ENWL
2a	Expand the Feel the Benefit Portal and online advice to include procured and quality assured delivery partners	GMCA/LAs
2b	Support residents to invest in their properties by expanding a 'Willing to Pay' retrofit service.	LAs
2c	Provide better information to residents e.g. examples/open house events, promote trusted providers,	GMCA/LAs, landlords
2d	Promote info & support available to your staff to help them reduce their home energy bills, including exploring payroll loans to support domestic retrofit.	Businesses/LAs/GMCA
2e	Deliver warm home prescriptions to households most in need	NGO
2f	Ongoing consumer research into household preferences and choices	Academia/GMCA
2g	Up-skill retrofit assessors and installers to provide enough supply to meet demand	Colleges
2h	National planning policy to adopt whole life carbon assessment	National govt.
4a	Pilot projects to develop or trial green finance support mechanisms	National govt./GMCA
4b	Work with Government, GB Energy and high street and institutional lenders to identify and realise private finance	National govt./GMCA
5a	Establish ability for setting higher Minimum Energy Efficiency Standards, including through the Trailblazer devolution agreement.	National govt./GMCA

Next Steps

Drafting

- Finalising the actions after engagement/consultation
- First draft complete by end of July
- Final draft ready for approval by November

Engagement/feedback

- page 128
- Secondround engagement with key stakeholders for initial feedback on the vision and actions
 - Ongoing engagement with specific sectors/audiences e.g. business roundtables, GM Equalities Panel, YCA
 - LA Surveys

Monitoring and Evaluation

- Develop targets
- Develop monitoring and evaluation approach

Publication and Launch

- Develop comms plan
 - Launch at the Green Summit in December
-



Greater Manchester Green City Region Partnership

Date: 16 July 2024

Subject: LABOUR PARTY MANIFESTO 2024 ANALYSIS

Report of: Jasmine Tebb - Policy Officer, Low Carbon Team, GMCA and Inayah Hussain - Management Trainee, Natural Environment Team, GMCA

PURPOSE OF REPORT

This paper provides an opportunity for the Green City Region Partnership to comment on an analysis done to better understand the implications of the Labour Party's manifesto commitments on Greater Manchester. The analysis focuses on the commitments relating to; energy and decarbonisation (Annex 01), natural environment (Annex 02), and Sustainable Consumption and Production (Annex 03).

The report has been composed using Labour's 2024 Manifesto alongside reflection on current policy on both a national and Greater Manchester level. Wider commentary on the commitments from (then) Labour candidates, and policy analysts, were also considered in the paper's development.

RECOMMENDATIONS:

The Green City Region Partnership is asked to:

- Note and comment upon the report;
- Provide any detailed feedback to GMCA on further implications the commitments could have to the city region.

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Annex 01

This document analyses the Labour policies most relevant to energy and decarbonisation and the potential GM impact, given our current work and policies.

Fossil Fuels

Overview:

- A strategic reserve of fossil fuels will be kept for security of supply, with the North Sea seeing a phased transition (to protect jobs in Scotland and the North East).
- Will not: issue new licences to explore new fields, or grant new coal licences
- Will: ban fracking and close the loopholes in the Windfall tax on gas and oil companies
- The Energy Profits Levy will be extended to the next parliament and raised by 3 percentage points- the investment allowances will be removed as well.
 - *Currently a 35% levy on ring fence profits of oil and gas companies that applies to 31 March 2028 anyway. The measure also reduces the investment allowance from 80% to 29% -remains at 80% for investment expenditure on upstream decarbonisation –this is expected to be legislated in due course. The current government also confirmed it would not consider phasing out the levy before the end date.*
- Will retain the Energy Security Investment Mechanism.
 - *Legislated by the Energy Profits Levy, ensures that the EPL ceases if the 6-month average price for both oil and gas is at or below the ESIM threshold prices (71.40 dollars per barrel for oil and 54 pence per therm for gas) prior to the EPL sunset date.*
- Manifesto states that 'oil and gas production in the North Sea will be with us for decades to come'

Potential GM impact:

- *Increased tax will be used on GB Energy (analysis below) and has the potential to benefit GM particularly through local/community energy deployment*

Energy Independence Act

Overview:

- This commitment is for legislation to be introduced to establish the framework for Labour's energy and climate policies
 - *More generally, Labour will ensure the institutional framework for policy making reflects commitments to reach net zero and meet carbon budgets*

- This statement does not describe the frameworks the Energy Independence Act will introduce and assumes the bill will pass through parliament

Potential GM impact:

- This supports GM commitment to net zero, although will be working towards 2050 not 2038

Create a Green Prosperity Plan

Overview:

- This appears to be the title for all of Labour’s plans in energy and decarbonisation, and the 1/3rd increase in spending in this area
- The manifesto says the plan will; partner with businesses and invest in the industries of the future, through the National Wealth Fund; harness clean power to boost energy security; and invest in home insulation - creating 650,000 jobs across the country by 2030
- It will be funded in part by a time-limited windfall tax on the oil and gas giants, with the rest of the funding coming from responsible borrowing to invest within Labour’s fiscal rules
 - Fiscal rules: The current budget must move into balance, so that day-to-day costs are met by revenues and debt must be falling as a share of the economy by the fifth year of the forecast. Will be non-negotiable and will apply to every decision taken by a Labour government.¹

Funding (annual average)	£bn	Policies funded (annual average)	£bn
		Great British Energy	1.7
		National Wealth Fund	1.5
Windfall tax on oil and gas giants	1.2	British Jobs Bonus ⁷	0.3
		Warm Homes Plan ⁷	1.1
		Barnett consequentials	0.2
Total	1.2		
Borrowing to invest within fiscal rules	3.5	Total including Barnett consequentials	4.7

⁶ May not sum due to rounding.
⁷ Elements of the British Jobs Bonus (up to £500m per year from 2026-27) and Warm Homes Plan will be devolved.

¹ [Labour's fiscal plan – The Labour Party](#)

Potential GM Impact:

- See analysis of individual policies below for potential GM impact.

Clean energy by 2030 (Britain as a ‘clean energy superpower’)

Overview:

- The manifesto promises a zero-carbon electricity system by 2030, for energy security, lower bills and to meet 2050 commitment
- To do this, Labour will work with the private sector to deliver increased renewables: Doubling onshore wind, tripling solar power, and quadrupling offshore wind by 2030. Will also invest in carbon capture and storage, hydrogen and marine energy
 - Approximately equivalent to scaling the UK’s generation capacity for offshore wind to 60GW, onshore wind to 30GW and solar to 32GW
 - Our expectation is that parts of this policy will slot into Great British Energy although it is unclear from the manifesto

Potential GM impact:

- Aligns with GM ambition and investment crowding intended through NZ accelerator project
- Bringing more sites, that have been identified in the LAEPs, forward for renewable deployment
- Hydrogen plans need to be considered as part of a new GM strategy for H₂

Great British Energy (GBE)

Commitments as outlined in the Manifesto/GBE Website:

- GB Energy would be a new publicly owned energy company – owned and serving the British people. This will most likely entail acquiring and investing in renewable energy infrastructure.
- First announced in 2022 when Labour still had the commitment to £28 billion a year on green investment, now would be capitalised with £8.3 billion over the next parliament
- Labour will put the new body on a statutory footing through primary legislation- *presumably the Energy Independence Act*
- GB Energy will partner with industry and trade unions to deliver three main priorities:
 - Co-invest in leading technologies;
 - Help support capital-intensive projects;
 - Deploying local energy production to benefit communities - £3.3 billion will be allocated to community energy

- Will deploy more distributed production capacity through our Local Power Plan: **‘Will partner with energy companies, local authorities, and co-operatives to install thousands of clean power projects’ (onshore wind, solar, and hydropower).**
- Communities will be invited to come forward with projects, and work with local leaders and devolved governments to ensure local people benefit directly from this energy production.
- Will be headquartered in Scotland

Great British Energy Delivery Route Options Analysis: (Utilising Flint’s Paper², and Richard Lowes article³ GB Energy)

State-Owned Energy Investment Vehicle

- There have been similar incarnations such as the Green Investment Bank and UK Infrastructure Bank, which have been largely focussed on commercial, minority investments
- Providing financial investment - This could include to mature technologies but also those to be scaled up, such as floating offshore wind which has been mentioned as a priority
- Could mean some overlap with the UK Infrastructure Bank
- Government Investments in energy projects already takes place e.g. Sizewell C
- The £10 million Community Energy Fund also provides funding through regional hubs for local community energy projects
- Big renewable energy companies are investing in renewables already: SSE is investing £18bn in renewable capacity in the five years to 2026-27. (Another example is Scottish Power, who recently announced plans to invest £12bn between now and 2028)

Publicly Owned Energy Developer

- There have also been previous examples of state-led development vehicles, such as Great British Nuclear, but these have been for tightly defined purposes.
- This would mean being responsible for developing, financing, constructing and operating energy assets, including both onshore and offshore renewables
- Could be in partnership with private sector developers, or independently, or both
- More akin to other state-owned entities
 - Would make sense given the mention of EDF and Vattenfall by Starmer in the past
- Could also include de-risking development projects that are then sold into the private market
 - This could potentially support the roll-out of floating offshore for example
 - This ‘developer’ model is more common (GB nuclear)

² [Great British Energy: What would a publicly owned energy company actually do? \(hubspotusercontent-na1.net\)](https://www.hubspotusercontent-na1.net)

³ [GB Energy as a vehicle to coordinate the energy transition and clean up heating – heat-policy \(richardlowes.com\)](https://richardlowes.com)

- Would require partnership and expertise to de-risk investment

Net-Zero Delivery Agency

- This could involve convening and coordinating those in the energy market to accelerate the delivery of the transition
- Could include a role in the supply chain, Labour has indicated that GB Energy could underwrite the centralised procurement of key energy network components
- Translating the soon-to-be established NESO plans into delivery
 - This could overlap with some of the RESP functions

Potential GM impact:

- *Given the uncertainty over how GBE will be delivered, there is also uncertainty over the GM implications Can we be the test bed for the leading technologies?*
- *However, given the firm commitments to invest in leading and capital intensive projects, and guaranteed support for community energy projects, GMCA should consider:*
 - *Support for local energy projects, with priority areas outlined in Local Area Energy Plans and 5-Year Environment Plan, i.e. heat networks, solar farms, onshore wind farms, battery storage and perhaps a renewed impetus too for hydropower potential locally*
 - *Recent IPPR report signalling that GM is a top travel to work area (meaning a diverse range of skills within residents travel to work radius).*
 - *Alongside potential Government funding for technology, EIA and MIDAS could encourage businesses in the area for technology investment/encouraging manufacturing of certain technologies in the area*
 - *Wider role for GMCA in encouraging all of these.*
- *Need to consider how it relates (or could relate) to the zoning policy on heat, local district heat e.g. Kensa, heat networks, renewables deployment,- showing that we will need to stay on top of the detail as it is published*

Warm Homes Plan

Overview:

- Will invest an extra £6.6 billion over the next parliament, to upgrade five million homes to cut bills for families- doubling the existing planned government investment
- Will offer investment support in insulation and other improvements such as solar panels, batteries and low carbon heating to cut bills.

- Will ensure homes in the private rented sector meet minimum energy efficiency standards by 2030
 - Combined authorities, local and devolved governments will be expected to roll out the above
- Will work with the private sector, including banks and building societies, to provide further private finance to accelerate home upgrades and low carbon heating.
- Will take steps to ensure more high-quality, well-designed, and sustainable homes are being built, that increase climate resilience and promote nature recovery.
- Will extend Awaab's Law to private rented sector - so landlords in England will have to investigate issues within two weeks and begin repairs within a further seven days.

Potential GM impact:

- *Labour commit to 20% of homes in the UK to be 'upgraded' over the next Parliament, which aligns with GM ambition within the same time frame – the distribution of is undefined and something to lobby on*
- *Local Authorities may need support with enforcing and resourcing around minimum energy efficiency standards*
- *Although this plan promises to provide 'good-skilled jobs for tradespeople', upskilling tradespeople in green technology may have to be encouraged*
- *Green finance plans could remove the need for the GMCA to roll out a similar scheme*
- *Awaab's law being extended may impact coordination of work with Place team and require closer working. There are additional implications for the Good Landlord Charter and whether we could go further with this e.g. respond within 1 week.*

National Wealth Fund & Energy Production and Storage

Overview:

- National Wealth Fund will have a remit to support Labour's growth and clean energy missions, making investments across every part of the country.
- The target will be to attract three pounds of private investment for every one pound of public investment
- Labour plan to allocate:
 - £1.8 billion to upgrade ports and build supply chains across the UK, working in partnership with industry to seize opportunities and remove barriers to growth
 - £1.5 billion to new gigafactories so UK automotive industry leads the world
 - £2.5 billion to rebuild UK steel industry
 - £1 billion to accelerate the deployment of carbon capture
 - £500 million to support the manufacturing of green hydrogen

- Energy production will utilise the existing offshore infrastructure and skills base

Potential GM impact:

- *Increased investment in carbon capture could benefit GM by capturing unavoidable emissions emitted during manufacturing processes*
- *Potential application to GM hydrogen strategy and RE100 Panasonic project*

Energy System:

Overview:

- Will ensure a tougher system of regulation which will attract investment to cut bills
- Will work with regulators to reduce standing charges
- Will strengthen the regulator to be able to hold companies to account, and ensure a requirement of higher standards of performance
- Will work with industry to upgrade our national transmission infrastructure and rewire Britain.

Potential GM impact:

- *Upgrading national transmission infrastructure will enable faster electrification across GM, although there are no specific targets assigned to this*

Jobs and industry- Industrial Strategy Council

Overview:

- Will establish the Industrial Strategy Council, to provide expert advice to industry, and develop a ten-year infrastructure strategy, aligned with their industrial strategy and regional development priorities
- The proposed National Wealth Fund will directly invest in ports, hydrogen and industrial clusters across the country
- Commit to reward clean energy developers with a British Jobs Bonus, allocating up to £500 million per year from 2026, to incentivise firms who offer good jobs, terms and conditions and build their manufacturing supply chains in our industrial heartlands, coastal areas, and energy communities
 - Energy community is not defined
- Clean energy mission aims to drive down the electricity bills to make businesses internationally competitive.

- Commit to the most energy intensive sectors being supported by the National Wealth Fund to decarbonise (as above)
- Commit to the reversal of the Conservatives' decision to "prevent" the Bank of England giving 'due consideration' to climate change in its mandates
- Commit to making the UK the green finance capital of the world, mandating UK-regulated financial institutions (banks, asset managers, pension funds, and insurers) and FTSE 100 companies to develop and implement credible transition plans that align with the 1.5°C goal of the Paris Agreement.
- Commit to rebuild supply chains 'at home', with the aim of being a leading economy on this front and then exporting the technologies
- Commit to creating 650,000 new high-quality jobs, working with business and trade unions through clean energy strategy.

Potential GM impact:

- *The Industrial Strategy Council could provide the needed expertise, proposals and funding for GM's more complex industries, such as those at Trafford Park, to decarbonise*
- *Financial institutions transitional plans could have an impact on homes if mortgage portfolios are included as part of this, and could have an implication for our retrofit offers locally*
- *Given the commitment to rebuild supply chains at home with the British Jobs Bonus, and invest in leading green technologies, it is worth considering how the GM implications of the IPPR Manufacturing Matters report could feed into this. I.e. in terms of green manufacturing potential growth (GM is 2nd for wind, 6th for heat pumps)*

Carbon Border Mechanism

Overview:

- Carbon border adjustment mechanism is the 'fair price' on the carbon emitted during the production of carbon intensive goods that are entering the country. It should mean that businesses manufacturing in locations that don't have carbon requirements can't undercut UK prices
- Labour supports the introduction of a carbon border adjustment to protect British industry as we decarbonise, and supporting the UK to meet climate objectives

Potential GM impact:

- *Potential to positively impact manufacturing industries across GM*

Transport (including aviation)

Overview:

- Commit to deliver an automotive sector plan to support transition to EVs by accelerating the roll out of charge points, giving certainty to manufacturers by restoring the phase-out date of 2030 for new cars with internal combustion engines, and supporting buyers of second-hand electric cars by standardising the information supplied on the condition of batteries
- Commit to overhaul Britain's Railways, bringing them into public ownership as contracts with existing operators expire or are broken through failure to deliver (no cost to taxpayer in compensation)
- Building on the work of Labour mayors- the manifesto states the commitment to reform the system through new powers for local leaders to franchise local bus services and commits to lifting the ban on municipal ownership.
- Mayors will have a role in designing transport services in their areas.
- There will be a duty to promote and grow the use of rail freight.
- Commit to securing the UK aviation industry's long-term future, through promoting sustainable aviation fuels, and encouraging airspace modernisation.

Potential GM impact:

- *GM potential impact: potential long-term impact for Bee Network direction/future development*
- *Promoting sustainable aviation fuels has potential application to Manchester Airport Group*

Nuclear

Overview:

- Commit to ensure long term security in the sector
- Hinkley Point C Commit to be taken over the line
- Commit to new nuclear power stations, such as Sizewell C
- SMRs Commit to be important in green transition

Potential GM impact:

- *Potential research impacts on GM universities given their relative strengths*

Clean Power Alliance

Overview:

- Labour Commit to create a new Clean Power Alliance, bringing together a coalition of countries at the forefront of climate action.

Potential GM impact:

- *Aligns with GMs membership of the global Urban Transition Mission*

Annex 02

This document analyses the Labour policies most relevant to the Natural Environment and the potential GM impact, **given our current work and policies.**

Broader Environmental Strategy

Overview

- Labour's manifesto refers to having a strong commitment to a number of key natural environment components as part of their broader environmental strategy, but very little is said about how exactly these will be delivered.
- Labour maintains a strong commitment to nature recovery and biodiversity.
- Labour does however emphasise a focus on collaboration for nature: Working with civil society, communities, and businesses to rejuvenate and safeguard the natural environment, fulfilling Environment Act obligations.

Potential GM Impact

- Opportunity for GMCA to work with government to shape their ambitions, strategy, and policy in this area, and to continue to be a leader in this space.

Improving Resilience

Overview

- As part of Labour's commitment to make Britain a clean energy superpower, the manifesto makes further reference to preparing for the future and more climate adaptation.
- The manifesto recognises the risk flooding and coastal erosion pose to people's lives, livelihoods and peoples wellbeing.
- Labour will improve resilience and preparation across central government, local authorities, local communities, and emergency services. This includes formally working with all stakeholders in the Fire and Rescue services to inform policy and establish national standards.
 - *Labour will likely create a separate resilience taskforce to protect England and Wales in the case of extreme weather events.*

Potential GM Impact

- Opportunity to develop a more coordinated and informed response to flood and flood risk across Greater Manchester, improving efficiency in responding to flooding.
- Reinforces our existing integrated water management approach.
- Opportunity to shape how their need to engage and establish links with their proposed “Flood Resilience Taskforce”, particularly given the GM Integrated Water Management Plan and the challenges around the governance landscape in flood management.
- There have also been reports it may create a new regulatory body, with functions of the Environment Agency, Ofwat and the Drinking Water Inspectorate potentially merged. Again, how such an agency works with Combined and Local Authorities to improve the governance and delivery of improvements is an opportunity for Greater Manchester.

Nature Restoration

Overview

- There is a clear commitment within their Green Prosperity Plan to tackle climate change, and Labour acknowledge that this requires simultaneous action on biodiversity.
- Labour's "Green Prosperity Plan" emphasises nature restoration as a critical component of addressing the climate crisis and biodiversity loss. They propose a £1 billion investment from their green investment fund to create woodlands, wetlands, and other nature-rich habitats between 2024 and 2030.
- The protection of nature makes up a key part of Labour's natural environment commitments, with a strong commitment to ‘deliver for nature’ and take action to meet Environment Act targets working in partnership with civil society, communities and businesses to restore and protect our natural world.
- They also plan to fully fund environmental regulatory bodies like the Environment Agency and Natural England to ensure effective monitoring and enforcement of nature restoration targets.

Potential GM Impact

- Labour’s commitment to delivering for nature and taking action to meet Environment Act targets likely implies a commitment to continuing to deliver on key environmental policies such as Local Nature Recovery Strategies and Biodiversity Net Gain (BNG) with no unpicking of this legislation to be anticipated.
- Aligns broadly with current GM work to produce and implement a Local Nature Recovery Strategy (LNRS) and the creation of a nature recovery network which will improve access

and 'deliver for nature' through further habitat creation and making it easier for species movement.

- Again, opportunity to influence the government's thinking and policy development in this area, particularly around how the delivery and implementation of LNRS will be supported.

Urban Green Spaces and Access

Overview

- Labour also plans to improve 'responsible access' to nature through the creation of nine new National River Walks, one in each region of England and the establishment of three new National Forests in England, whilst planting millions of trees and creating new woodlands.
- They also commit to increasing the number of urban green spaces, improving walking and cycling routes, and expanding tree planting initiatives to enhance air quality and urban biodiversity.

Potential GM Impact

- Aligns broadly with GM ambitions to improve access to nature for residents.
- Links positively with the Green Spaces Fund and Transport for Greater Manchester active travel (Bee Network).
- Potential further support for Northern Forest ambitions and tree planting targets, working with GM's Community Forest (City of Trees) and others.
- Potential opportunity to enhance recreational routes along rivers, particularly given their potential role in GM as spaces for people as well as wildlife.

Clean Water

Overview

- A large part of Labour's environmental commitments is made up of clean water commitments in response to the impact of sewage spills on watercourses across the country.
- Labour commits to putting failing water companies under special measures to clean up our water. They aim to give existing regulators new powers to block the payment of bonuses to executives who pollute our waterways and bring criminal charges against persistent law breakers. They commit to imposing automatic and severe fines for wrongdoing and will ensure independent monitoring of every outfall.

- Under the proposals, a Labour government will merge most of the Environment Agency, with the financial regulator Ofwat and the Drinking Water Inspectorate to create a new oversight body.

Potential GM Impact

- An increased focus on water quality will be helpful for GM, given the impact of the sewage system here on water quality in the city-region. Efforts to tackle discharges of sewage into waterbodies are likely to receive even greater attention.
- Opportunity to build on GM's commitment to and accelerate delivery aimed at improving the water quality of our waterbodies, particularly through the work under the IWMP. It may also bring additional scrutiny of the partnership and how GMCA (and also the Environment Agency) are working with United Utilities.
- How any changes in statutory bodies will have an impact on how we work locally with existing partners – in particular the Environment Agency – will be important.

Land Use Framework

Overview

- Labour's manifesto commits to a Land Use Framework which aims to balance competing priorities for land use, such as sustainable farming, nature, clean energy, housing and more.
- Labour also commits to a more 'strategic approach' to the Green Belt through the implementation of National Development Management Policies (NDMPs). They state that NDMPs will streamline development processes and ensure consistency in policy application and ensure that the revised approach includes stringent criteria to ensure that development on released Green Belt land provides significant community benefits, such as affordable housing and enhanced local amenities, while preserving areas of high environmental value.

Potential GM Impact

- Potential implications for Places for Everyone and forthcoming local authority local plans and an opportunity to work with government as to how to translate the Land Use Framework to a local level.
- The forthcoming GM Local Nature Recovery Strategy (LNRS) could be used to contribute into a land use framework Labour create.

Climate Change Adaptation

Overview

- The Labour manifesto makes reference to a number of different measures that utilise natural capital as a means to tackle the climate crisis whilst maximising other benefits.
- Labour pledge to accelerate tree planting and woodland creation, which is falling far behind targets to boost tree cover as part of measures to curb climate change, with a new tree planting taskforce, and grow nature-rich habitats such as wetlands and peat bogs to store carbon and support wildlife.
 - *A 'Tree Planting Taskforce' is not explicitly mentioned in the Labour manifesto but has been committed to during the Labour campaign.*

Potential GM Impact

- Climate change adaptation covers a number of different areas we work on across the CA, but Labour's plan does align with what is set out in our new 5-year environment plan.
- Potential further support for Northern Forest ambitions and tree planting targets, working with GM's Community Forest (City of Trees) and others.
- Influencing how the recommendations of any Tree Planting Taskforce are reflective of the challenges of tree planting in an urban area, as well as the multiple benefits this can have, is an opportunity.

Annex 03

The below is to note the Labour policy on Sustainable Consumption and Production and the potential GM impact, given our current work and policies.

Circular Economy

Overview:

- Labour is committed to reducing waste by moving to a circular economy

Potential GM Impact:

- *Supports the GM ambition, although noting this is the only mention of circular economy principles in the manifesto*

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Greater Manchester Green City Region Quarterly Stakeholder Brief

Updates, key messages, and resources to help you understand and communicate key initiatives from across our city-region.

June 2024

Hello and welcome to the Spring Stakeholder Brief.

Elections aside, this is a busy time of year with the financial year-end, projects being finalised and the beginning of exciting new programmes.

Coming to a completion is the Natural Course EU LIFE Integrated Project, the project has been running for over eight years and has focused on the accelerated delivery of the EU Water Framework Directive. Work continues as the team wrap-up the project up with the many beneficiaries. Find out more about the project via the Natural Course [website](#).

Concluding this month is the Greater Manchester Food Waste Map which will provide insights into the volume of food waste in Greater Manchester, we're looking at a huge figure, around 400,000 tonnes – something we can all try and tackle more in our homes by smart shopping and use of the food we purchase.

The first wave of the Social Housing Decarbonisation Fund also concluded with a final 890 Greater Manchester homes receiving energy efficiency improvements, work is continuing with wave 2 with an anticipated 6300 homes in total receiving upgrades with 19 housing providers.

Just announced, with a start of April 2024, is the award of £6.2 million by the Department of Energy and Net Zero for a Greater Manchester Net Zero Accelerator. The project will develop, demonstrate and scale-up new investment and delivery models. This is an ambitious project with seven workstreams which aims to create £1 billion worth of green private investment opportunities by March 2026.

By working with our Challenge Groups, local authorities and communities, we're putting experience, innovation and on-the-ground action behind the plan. Please let us know if you'd like to get involved! Want more information on projects taking place in your area or across Greater Manchester? Read the updates below or [contact the GMCA Environment Team directly](#).

Councillor Tom Ross, Leader of Trafford Council and portfolio lead for the Green-City Region

Events and resources

Northern Sustainability Summit 2024 Taking place on 8th July at Manchester Central. This year's event will focus on making sustainability work for businesses. [Book your free ticket here](#).

Natural England's newly published '[review of reviews](#)' screened over 2,000 evidence reviews and identified 104 key publications that inform our understanding of the relationships between nature and human health and wellbeing.

CAST Centre for Climate Change and Social Transformations recently launched report: '[Catalysts of Change: People at the Heart of Climate Transformations](#)'

Power Up Your Community Energy Project with funding from Electricity North West, deadline for applications Friday 26 July. [Visit ENWL link](#).

GM Five-Year Environment Plan dashboards

Click here for a more in-depth analysis of our progress, with data and insight into how we are progressing against our 2038 carbon budget. This includes specific datasets for energy, buildings, transport and travel, natural environment, and sustainable consumption and production.



Thematic project updates

Energy

Energy Efficiency Awards - GMCA won 'Regional Council or Local Authority Body of the Year', Stockport Council won 'Regional Large Scale Project (>250K) of the Year' and Rochdale Council recognised as highly commended for their 'Regional Small-Scale Project (<250K) of the Year' submission. Read [more](#).

Local Energy Advice Demonstrator (LEAD) – '[Feel the Benefit](#)' campaign launched (4th March 2024) to help Greater Manchester residents access support, advice, and potentially free upgrades to improve their homes. The campaign is being delivered through paid advertising, social media advertising and circulation of a partner toolkit.

Go Neutral Smart Energy – Site surveys completed for six Districts (Wigan, Oldham, Bury, Salford, Rochdale, and Stockport). Tender documents being drafted for nine renewable energy sites in Salford.

Smart Energy – Powering our Schools Solar PV roof surveys approaching completion. Specification completed for Owner's Engineer to provide technical advice to schools during procurement, construction, and handover. Largest community-owned solar array has now been completed at [Wellington High School in Timperley](#) as part of Greater Manchester Community Renewables Limited (GMCR) benefit society.

Bee Net Zero (BNZ) – '[Bee Net Zero Trafford Park](#)' initiative launched (20th March 2024) to help and support businesses at Trafford Park to decarbonise.

Buildings

Social Housing Decarbonisation Fund (SHDF) – SHDF Wave 1 closed at end of March 2024 with final grant payments being made to partners. SHDF Wave 2 continues to progress across all milestones with installations and completion of works ongoing.

Public Sector Decarbonisation Scheme (PSDS) – PSDS 1 - Discussions ongoing with Carbon Architecture for programme extension. Final project at Ramsbottom Library, Bury expected to complete in Quarter 3. Majority of PSDS 3a single-year and multi-year programmes to complete end of March 2024 (Manchester due August 2024, Trafford subject to further delay, expected completion October 2024). PSDS 3b - three out of four projects moving into delayed completion. SEE appointed for Measure and Verification works.

Retrofit GM (Your Home Better) – Work on customer sites has been successfully accelerated. Links between [Your Home Better](#) and the LEAD project have been strengthened to offer additional support for customers as required.

Good Landlord Charter – Over 270 responses received to the consultation with an additional 100+ tenants and landlords engaged through focus groups.

Natural Environment

Local Nature Recovery Strategy (LNRS) – [State of Nature](#) report published, and [public survey](#) released to engage residents, community groups and businesses with the strategy. Longlist of habitat priorities and measures developed, and nature recovery targets drafted. Continuing delivery of communications including press releases, social media content, [project blog](#) and newsletters.

Natural Course – [Grand finale](#) held (February 2024) to celebrate the end of the project after eight and half years. Over four phases the project has completed 50 actions, 81 sub actions and 182 deliverables. Feasibility study produced by City of Trees on priority locations for future interventions to tackle contamination from road run off. Water Framework Directive resource for planners produced and online and in-person workshops held.

Integrated Water Management Plan - Introduction video launched - [Enhancing life through water: a new way of managing water in Greater Manchester](#)

Biodiversity Net Gain (BNG) – New guidance published in March 2024 setting out a Greater Manchester wide approach to implementation of BNG. Work has continued with Local Authorities to progress offsetting options on land in their ownership, including a market engagement exercise led by Oldham. Walkden Sustainable Drainage Systems (SuDS) neighbourhood progressing through detailed design work and preparations underway for delivery

Greater Manchester Environment Fund – [Evaluation report](#) published in March 2024 on delivery of the Green Spaces Fund so far. Green Spaces Fund 'before and after' social media content developed.

Sustainable Consumption and Production

Scope 3 Emissions - Work continues to progress on profiling the Combined Authority's scope 3 carbon emissions. Phase 1 results expected end of May.

Consumer Behaviour Insights - Next phase of fieldwork is due to commence April 2024 with a further three waves to follow (October 2024, April 2025, and October 2025).

School's Eco Refill Pilot - Pilot to reduce single-use plastics and increase refill and reuse in the community is progressing. All schools have now launched their Eco Refill shops [read more](#).

Refill (City to Sea) - Communications to promote Greater Manchester as a Refill Destination are continuing with the number of Refill stations in our city region increasing.

Transport

Bee Active Network – Four schemes were completed in the period 15th October 2023 to 15th January 2024, delivering a total of 10.3km of Bee Active Network. This takes the total completed to 109.8km.

Record Journeys On Metrolink - Metrolink carried a record 175,000 passengers in a single [day](#) on the day of the Manchester Marathon.

Metrolink Guided Bikes Pilot - Guided bikes on trams pilot began on 29 February 2024 and has now concluded. It represented many different cyclists and access requirements, and the research group's findings are being collated to be assessed.

Bike Hire Scheme – Starling Bank announced as first official bike sponsor of the Greater Manchester bike hire scheme in January 2024, with roll out of branded bikes progressing well. The Cycle Hire Recovery Plan remains in place with around 700 bikes available at the time of the latest public update in February 2024. You can read more about Starling Bank's sponsorship [here](#).

Salford E-scooter Trial – Over 1 million Lime e-scooter trips completed in Salford., replacing over 250,000 car trips. The Lime e-scooter fleet is anticipated to grow from 550 to 800 vehicles from June 2024 and will be operational over a greater footprint in Salford until the Department for Transport (DfT) trial ends in May 2026.

Bus Franchising - Tranche 2 commencement of services in Oldham, Rochdale, Bury, Salford and North Manchester from 24th March 2024, with 50 new zero emission electric buses and 83 new Euro 6 Bee Network buses introduced in the coming months. Stockport's new transport hub and rooftop Viaduct Park open to the public. Operators for Tranche 3, which starts in January 2025, [announced](#). Further service improvements introduced to Bee Network bus services in Tranche 1 areas - Bolton, Wigan and parts of Bury and Salford - in April to boost reliability and punctuality.

City Region Sustainable Transport Settlements (CRSTS) Zero Emission Buses (ZEBs) – Anticipated to have 100 ZEBs in operation by May 2024. This is 11.8% of anticipated fleet (850) – exceeding target of 10%.

Taxi EVI project - 57 (previously 42) Taxi EV charging points have now been delivered out of 60 in total.

Electric Vehicle Charging Infrastructure Delivery – As of 1st March 2024 (Zap Map) there are 1751 publicly available connectors in Greater Manchester. Local Electric Vehicle Infrastructure (LEVI) Capital and Capability funding allocated to Greater Manchester.

Stay up to date: [Click here to subscribe to our quarterly Green City newsletter](#)

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