

GREATER MANCHESTER

GREEN CITY REGION PARTNERSHIP

DATE: Friday 21 July 2023

TIME: 10.30 am

VENUE: Teams

ANNUAL MEETING AGENDA

1. APPOINTMENT OF CHAIR (2 MINUTES)

To note the appointment of Councillor Tom Ross, Portfolio Leader for the Green City Region, as Chair of the Partnership and Harry Catherall as the Portfolio Lead Chief Executive for the Green City Region.

2. INTRODUCTION AND APOLOGIES (CHAIR) (3 MINUTES)

**3. CHAIR'S ANNOUNCEMENT AND URGENT BUSINESS (CHAIR)
(5 MINUTES)**

FOR AGREEMENT

**4. REVIEW AND APPROVE TERMS OF REFERENCE
(5 MINUTES)**

1 - 36

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.

Presented by Harry Catherall, Portfolio Lead Chief Executive for the Green City Region.

ORDINARY BUSINESS

5. **TO APPROVE THE MINUTES OF THE PREVIOUS MEETING DATED 17 MARCH 2023 (CHAIR) (5 MINUTES)** 37 - 52

6. **DECLARATIONS OF INTEREST (CHAIR) (2 MINUTES)** 53 - 56

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.

7. **QUARTER 1 PROGRESS REPORT - 5 YEAR ENVIRONMENTAL PLAN (5YEP) (10 MINUTES)** 57 - 78

Presented by Mark Atherton, Director of Environment, GMCA.

8. **WORK PROGRAMME 2023/24 AND CHALLENGE GROUP UPDATES (20 MINUTES)** 79 - 94

Report and Presentation by the Challenge Group Chairs.

FOR DISCUSSION

9. **DOMESTIC RETROFIT: LOCAL ENERGY ADVICE DEMONSTRATOR, ECO4, YOUR HOME BETTER (15 MINUTES)** 95 - 106

Presentation by Todd Holden, Programme & Policy Lead, GMCA and Anees Mank, Programme Policy Lead (Retrofit), GMCA.

- 10. DELIVERY OF THE LOCAL AREA ENERGY PLANS (15 MINUTES) 107 - 118**

Presentation by Sean Owen, Head of Low Carbon Policy, GMCA.

- 11. STRATEGIC TRANSPORT PLAN (15 MINUTES) 119 - 132**

Presentation by Peter Cole, Head of Decarbonisation, Transport for the North.

FOR INFORMATION

- 12. GREEN SUMMIT (10 MINUTES) 133 - 138**

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

- 13. [FAITH COMMUNITY PROJECTS](#) (10 MINUTES)**

Presented by Ian Rutherford, Greater Manchester Interfaith Climate Action Network Representative (click link for supporting papers).

- 14. GREATER MANCHESTER LOCAL NATURE RECOVERY STRATEGY (5 MINUTES) 139 - 146**

Presented by Sam Evans, Head of Natural Environment, GMCA.

- 15. DATES AND TIMES OF FUTURE MEETINGS**

All meetings will be held virtually unless otherwise stated on:

- 19 October 2023 at 10.30 am
- 25 January 2024 at 1.00 pm
- 4 April 2024 at 10.30 am

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 13 July 2023 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: 21 July 2023

Subject: Green City Region Partnership Terms of Reference 2023/4

Report of: Harry Catherall, Lead Cex 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 2023/24 for approval at this AGM.

It was agreed, at the GMCA meeting held in May 2023, that the GMCA Green City Region Portfolio Lead (Councillor Tom Ross, Trafford) be appointed to Chair the GM Green City Region Partnership and Board for 2023/24 municipal year.

There are no proposed changes to the Partnership Governance structure, which was reviewed and amended last year. It should be noted that a 'Bee Net Zero' Board has been established to support Business engagement, reporting to the LEP/Business Board, represented on the partnership by the LEP/Business Board representative.

RECOMMENDATIONS:

The Partnership is requested to:

1. Note the appointment of Chair of the Green City Region Partnership for the 2023/24 municipal year – Cllr Tom Ross (Leader of Trafford MBC)
2. Approve the revised Terms of Reference for the Partnership for the 2023/24 municipal year and governance structure (Annex 01 & 01b).

3. Agree to Chair and Vice Chair arrangements for the Challenge Groups and agree the Terms of Reference for the Challenge Groups for the 2023/24 municipal year (Annexes 02-06).
4. Consider whether there are any 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 2023/24

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> <ol style="list-style-type: none">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.
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.

	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.	
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	Councillor Tom Ross TBA Harry Catherall Councillor Steve Adshead	Portfolio Holder & Chair Portfolio Assistant/Vice-Chair Lead Chief Executive Waste & Recycling Committee Representative

Councillor Mike McCusker	Transport Committee and Housing and Planning Representative
Steve Connor	Greater Manchester Business Board (was the LEP) Representative
Roger Milburn	ARUP, Strategic Infrastructure Board Chair
Ian Crewe	Environment Agency Representative
Ian Rutherford	Greater Manchester Faith Sector Representative
Hisham Elkadi	Salford University Representative
Nalin Thakker	University of Manchester Representative
Andy Gibson	Manchester Metropolitan University Representative
Bernard Magee	Siemens, Private Sector Representative
Helen Boyle	Cadent, Private Sector Representative
Ian Smyth	Electricity North West, 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)
Carly McLachlan	Tyndall Centre for Climate Change Research, 5 Year Environment Plan Forum Chair
Louise Marix-Evans	Quantum, 5 Year Environment Plan Forum Vice-Chair
Richard Halsey	Energy Systems Catapult, Low Carbon Group Chair

	<p>Will Swan University of Salford, Low Carbon Group Vice-Chair</p> <p>Anne Selby Independent, Natural Capital Challenge Group Chair</p> <p>Chris Matthews United Utilities, Natural Capital Vice-Chair</p> <p>Louise Blythe BBC Academy, Communications Group Chair</p> <p>Sheona Southern Marketing Manchester, Communications Vice-Chair</p> <p>Paul Hooper Manchester Metropolitan University, Sustainable Consumption and Production Challenge Group Chair</p> <p>Leigh Broadhurst Suez, Sustainable Consumption and Production Challenge Group Vice-Chair</p> <p>Sarah Price/Claire Igoe NHS Greater Manchester Integrated Care, Lead Policy Organisation Representatives</p> <p>Simon Nokes GMCA, Lead Policy Organisation Representative</p> <p>Mark Atherton GMCA, Lead Policy Organisation Representative</p> <p>Megan Black Transport for Greater Manchester, Lead Policy Organisation Representative</p>
<p>Appointment of Chair (and Vice Chair)</p>	<p>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> <p>The Lead Chief Executive is appointed to the Partnership as part of the GMCA process – Harry Catherall.</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>

<p>Challenge Groups</p>	<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 2023/24:</p> <ol style="list-style-type: none"> 1. Low Carbon (Richard Halsey and Will Swann) 2. Natural Capital (Anne Selby and Chris Matthews) 3. Communications and Engagement (Louse Blythe and Sheona Southern) 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 (Annex 02-06 refers)</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>
<p>Roles and Responsibilities</p>	<p>Lead Portfolio Holder and Chair</p>

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.

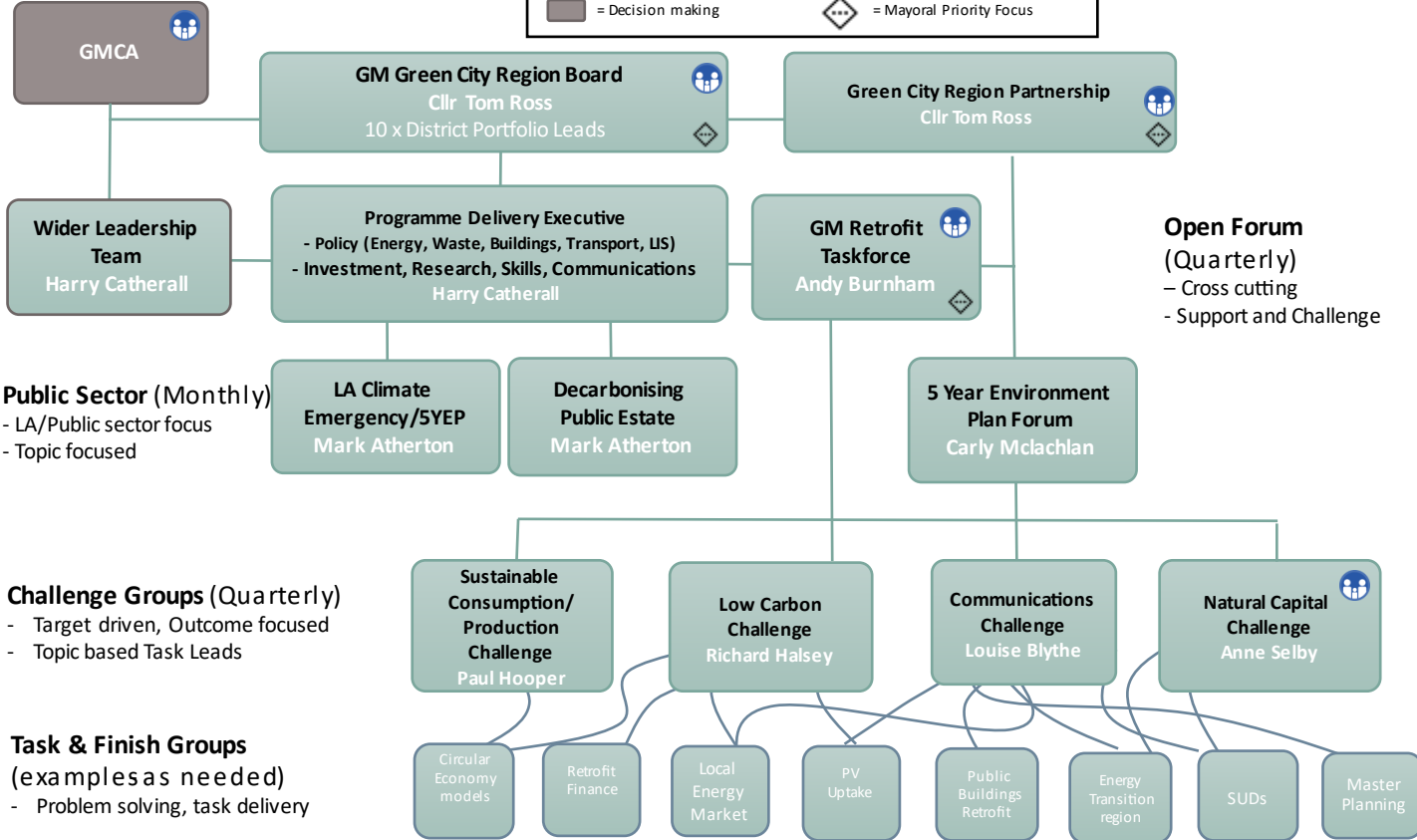
	<p>Supporting Officers will:</p> <ul style="list-style-type: none"> • Provide regular briefings to the Portfolio Lead, Lead Chief Executive, Partnership and Board on the Green City work programme. • Provide relevant and timely information and reports to the Partnership and Board to enable them to provide 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	21 July 2023

Green City Region Governance– Mission Based Approach

Governance

Legend

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

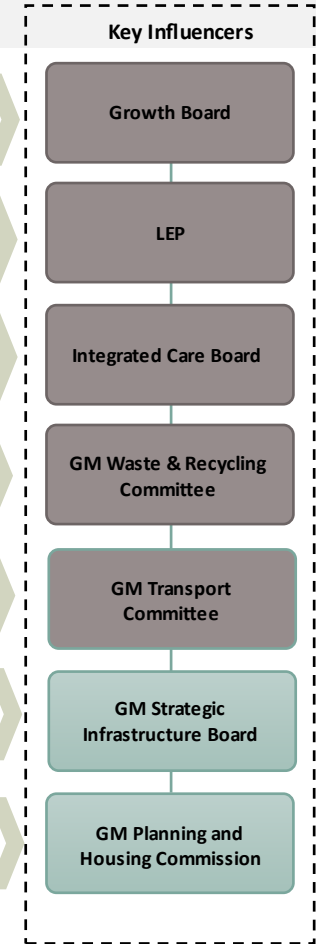


Public Sector (Monthly)
 - LA/Public sector focus
 - Topic focused

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



ANNEX 02

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
Claire Stocks, Walk Ride GM
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

	<p>Michael Ormerod, Groundwork 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>
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: 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	26 th June 2023

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) Sheona Southern, Marketing Manchester (Vice-Chair) Aimee Lawless, City of Trees Alan Wright, Lancashire Wildlife Trust Amy Louvre, MMU Andrew Swarbrick, RHS Anna Bond, Manchester Climate Change Agency Courtney Lambert, 10GM Dien Curtis, Bruntwood Emma Williams, SSE Louise Hayes, NHS Sue Hill, Salford Claire Smith, Growth Company Jacqui Musson, Growth Company Jonathan Morgan, ENWL</p>

	<p>Matthew Sutcliffe, Bolton</p> <p>Michael Chick, Suez</p> <p>Nikki Brown, Marketing Manchester</p> <p>Paul, Hello Agent</p> <p>Rosie Cade, Green Finance Institution</p> <p>Sarah Bazley, Environment Agency</p> <p>Stephanie Boyle, Growth Company</p> <p>Stephanie Wyatt, Groundwork</p> <p>Tom Jackson, VSNW</p> <p>Viki Lee, GMCVO</p> <p>Mark Atherton, GMCA</p> <p>Michelle Lynch, GMCA</p> <p>Michelle Whitfield, GMCA</p> <p>Oscar Lynch, GMCA</p> <p>Robyn Smith, GMCA</p> <p>Sarah Mellor, 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: Louise Blythe, BBC

	<ul style="list-style-type: none"> • Vice Chair: Sheona Southern, Marketing Manchester
Meeting arrangements	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.
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	30 th May 2023

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 Jonny Sadler, ENWL</p>
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	<p>Katherine Burden, Growth Company Kit Knowles, Ecospheric Lynda Stefek, TfGM Matt Ferretti, Green Finance Institute Matt Roberts, Southways Housing 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

	<ul style="list-style-type: none"> • 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	<p>GMCA</p> <p>Robyn.Smith@greatermanchester-ca.gov.uk</p>
Date TOR were approved	17 th May 2023

ANNEX 05

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	4 th July 2023

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</p> <p>Claire Igoe, NHS</p> <p>Clare Ollerenshaw, Accelar</p> <p>Corin Bell, Open Kitchen MCR</p> <p>Helen Ashcroft, Trafford</p> <p>Jemma Hynes, Food Sync</p> <p>Juan Ferriz-Papi, University of Salford</p> <p>Matt Chard, GMFRS</p> <p>David Taylor, GMCA</p> <p>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</p> <p>Robyn.Smith@greatermanchester-ca.gov.uk</p> <p>Sarah.Mellor@greatermanchester-ca.gov.uk</p>

Date TOR were approved	TBC
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MINUTES OF THE MEETING OF THE GREEN CITY REGION PARTNERSHIP

HELD VIRTUALLY ON FRIDAY 17 MARCH 2023 AT 10.00AM

PRESENT:

Councillor Martyn Cox	GMCA Environment Portfolio Lead & Chair (Bolton Council) (Chair)
Councillor Alan Quinn	Waste & Recycling Committee (Bury Council) (Vice-Chair)
Councillor Mike McCluster	Planning & Housing Commission (Salford City Council)
Harry Catherall	GMCA Environment Portfolio Lead Chief Executive (Oldham Council)
Patrick Allcorn	Department for Energy Security and Net Zero
Leigh Broadhurst	Suez (Vice-Chair Sustainable Consumption & Production Challenge Group)
Steve Connor	Creative Concern
Phil Korbel	Cooler Projects (Vice-Chair Communications & Engagement Challenge Group)
Carly McLaren	University of Manchester (Chair 5 Year Environment Plan Forum)
Roger Milburn	Arup
Liz Price	(For Andy Gibson) Manchester Metropolitan University
Ian Rutherford	Greater Manchester Faith Communities
Anne Selby	Independent Member (Chair Natural Capital Challenge Group)
Will Swan	University of Salford (Vice-Chair Low Carbon Challenge Group)

OFFICERS IN ATTENDANCE:

Mark Atherton	Director of Environment, GMCA
Richard Banks	Senior Manager – Logistics & Environment, TfGM
Sam Evans	Head of Natural Environment, GMCA
Oliver Fenton	Business Support Officer, Governance & Scrutiny, GMCA
Jenny Hollamby	Senior Governance & Scrutiny Officer, GMCA

OFFICERS IN ATTENDANCE:

Sarah Hollard	Programme and Policy Lead, GMCA
Andrew Hunt	Green Energy and Sustainability Manager, Oldham Council
Claire Igoe	Greater Manchester NHS Integrated Care
Sarah Mellor	Head of Consumption and Production, GMCA
Garry Parker	Assistant Director, Environment and Regulatory Services, Bolton Council
Robyn Smith	Project Manager for the Mission Based Approach, GMCA
David Taylor	Executive Director – Waste, GMCA
Michelle Whitfield	Head of Communications and Behavioural Change, GMCA

GMGCRP/61/23 INTRODUCTION AND APOLOGIES

Apologies for absence were received from Eamonn Boylan (GMCA), Helen Boyle (Cadent), Mark Easedale (Environment Agency), Richard Halsey (Energy Systems Catapult, Chair Low Carbon Challenge Group), Paul Hooper (Manchester Metropolitan University, Chair Sustainable Consumption and Production Challenge Group), Bernard Magee (Siemens), Sheona Southern (Marketing Manchester) and Nailin Thakker (University of Manchester).

It was reported that Ian Crewe had replaced Lesley Worswick as the new Environment Agency Area Director. The Chair, on behalf of the Partnership, thanked Lesley for her valuable contribution.

GMGCRP/62/23 CHAIRS ANNOUNCEMENTS AND URGENT BUSINESS

It was advised that Greater Manchester's new devolution deal with government had been published. The full detail was available on the [gov.uk website](https://www.gov.uk). The key points of interest to the Partnership were:

- Retrofit and Net Zero funding - the government would pilot the devolution of retrofit funding to GMCA through allocation rather than competition from 2025 onwards. This pilot would include, but was not necessarily limited to, funding for buildings retrofit and would form part of GMCA's single department-style settlement.

- Strategic energy planning - the deal recognised GMCA's strategic roles and activity in planning future energy systems for net zero and included further work on standards, green finance and advice to increase household energy efficiency. It also supported the GMCA's offer to work with the existing City Decarbonisation Delivery Programme on heat zoning.
- Nature recovery - the Greater Manchester Mayor would be appointed as the responsible authority to develop the Local Nature Recovery Strategy (LNRS) for Greater Manchester. The government would support the GMCA to accelerate the delivery of its Natural Capital Investment Plan and overcome the barriers to implementation of local investment in natural capital. This might include funding support, specialist expertise, co-ordination of peer support and networking, and/or local partnership working with the Department for Environment, Food and Rural Affairs (Defra) arm's length bodies.
- Adapting to climate change – the deal also confirmed that government had agreed that Greater Manchester would be a testbed to explore and develop options for how flood risk management, including other relevant adaptation activities, could best be addressed and accelerated at the local level.

GMGCRP/63/23 DECLARATIONS OF INTEREST

RESOLVED/-

Councillor Alan Quinn declared a personal interest in Item 5 – Quarter 4 Progress Report, by virtue of him being an Interim Board Member of the City of Trees and the Greater Manchester representative on the North West Regional Floods and Coastal Committee.

**GMGCRP/64/23 TO APPROVE THE MINUTES OF THE MEETING DATED
27 JANUARY 2023**

RESOLVED/-

The minutes of the last meeting, held on 27 January 2023, were approved as a correct record.

Matters Arising

- Arising from minute number GMGCRP/52/23 (Quarter 3 Progress Report), it was reported that the Director of Environment would imminently write to Defra regarding ash die back and possible markets/solutions for ash die back trees. The Chair of the Natural Capital Challenge Group confirmed that the ash die back action had been progressed.
- Arising from minute number GMGCRP/53/23 (Work Programme 2022/23 and Challenge Group Updates), it was noted that workshop to pilot a systemic approach to identifying new locations for tree planting would be held in Oldham later this month.
- Arising from minute GMGCRP/57/23 (Integrated Water Management Plan), it was advised that a roundtable chaired by the Greater Manchester Mayor would be held on 31 March 2023 to review progress on the development of an Integrated Water Management Plan for Greater Manchester.

**GMGCRP/65/23 QUARTER 4 PROGRESS REPORT – 5 YEAR ENVIRONMENT
PLAN (5YEP)**

Councillor Alan Quinn declared a personal interest in this item by virtue of his appointment of Interim Board Member of the City of Trees and the Greater Manchester representative on the North West Regional Floods and Coastal Committee.

A report was considered that presented the usual update on the progress of the Green City Region Partnership for the fourth quarter of 2022/23 and key milestones for the first quarter of 2023/24.

Attention was drawn to the following:

Energy

- It was reported that Greater Manchester had been awarded £70k from Innovate UK's Net Zero Living programme to help accelerate the delivery of the city-region's Local Area Energy Plans (LAEPs).

Buildings

- With regards to Retrofit Greater Manchester (Your Home Better), a new pricing structure had been developed to reflect the cost of delivery of a dedicated solar survey offer and a comprehensive whole house retrofit plan. Metrolink advertising was planned for the end of March 2023.
- The Partnership heard that a £1.78m grant had been secured for the Public Sector Decarbonisation Scheme (PSDS) Phase 3b programme (roughly £5.5m total project value). Consultancy commissions of 45 building decarbonisation feasibility studies was underway. Next quarter would see the close out of the PSDS Phase 3a programme and continue the consultancy commission with a focus on completing the site surveys.
- It was reported that initial engagement meetings had been undertaken within GMCA on a payroll loan (not salary sacrifice) to help staff with upfront costs of retrofit.

Transport

- In terms of the Clean Bus Fund, it was noted that currently 92% of buses awarded retrofit funding had been upgraded. Overall, the Greater Manchester based bus fleet

would be around 92% compliant once all planned retrofits and replacements were completed in the next six months. In the next quarter, TfGM would continue with depot power upgrades and charging infrastructure ready for the deployment of the first 50 electric buses onto the Bee Network expected in September 2023.

Sustainable Consumption and Production

- It was reported that a tender was about to be issued to review GMCA's scope 3 emissions through public sector expenditure, identify and recommended key actions to support further decarbonisation.
- It was noted that research would commence on Greater Manchester consumer behaviour insights to identify low carbon solutions and levers to drive change.
- In the next quarter, work would continue on the development of a Community Climate Change e-learning course delivered via the Greater Manchester Green City website.

Natural Environment

- Regarding the Local Nature Recovery Strategy (LNRS), it was advised that the resource and project management planning for the refresh of the LNRS had commenced with Natural England and Greater Manchester Ecology Unit.
- It was noted that 76 applications had been received for round 2 of the Greater Manchester Green Spaces Fund. A new Grant Manager and Communications Officer had been appointed. The next quarter would see the grants awarded and round 3 would be opened.

The Department for Energy Security and Net Zero representative asked about the payroll loan scheme and if there were any barriers. The Director of Environment, GMCA agreed to speak to the representative outside of the meeting.

RESOLVED/-

1. That the Partnership noted the progress outlined in the report and the latest position set out in the dashboard, [Annex 01 \(5 Year Environment Plan Performance Overview\) and available online at: Five Year Environment Plan \(2019-24\) Progress \(gmtableau\).](#)
2. That the Director of Environment, GMCA contact the Department for Energy Security and Net Zero representative outside of the meeting regarding the payroll sacrifice scheme.

GMGCRP/66/23 WORK PROGRAMME 2022/23 & CHALLENGE GROUP UPDATES REPORT AND PRESENTATION BY CHALLENGE GROUP CHAIRS

Members considered a report provided by the Challenge Group Chairs, which outlined the progress made by the 5YEP Challenge Groups in developing their key priorities through the task and finish action groups.

The presentation that accompanied the report provided an updated overview of the Challenge Group priorities and how they were being delivered through task and finish action groups.

The main points referred:

- The Low Carbon Challenge Group had met three times since it merged with the Energy Innovation Challenge Group. At their last meeting, updates were received about generation, storage and flexibility (Electricity Northwest), public estate (GMCA), innovation (UoS) and domestic retrofit (Turner Townsend) priority areas. The focus was on progress to date and the key challenges/barriers to accelerated delivery. Presentations were also received around green finance and the commercial building retrofit task and finish group.
- It was advised that the new governance Natural Capital Challenge Group arrangements were being embedded. The Chair of the Group was pleased that the

devolution deal made nature recovery and natural capital priorities and suggested it was in recognition of the work in this area over the years. It was reported that work was well underway in terms of LNRS, which the Greater Manchester Mayor was responsible for delivery. It was highlighted that the Greater Manchester Environment Fund action was amber; work was taking place to secure income sources.

The Vice-Chair raised the Water Framework Directive, which identified 76 invasive non-native species and how Scotland was trying to control Japanese knotweed with grazing sheep. A concern was also raised about rivers and how invasive species were taking over. Concerns would be raised at the North West Regional Floods and Coastal Committee.

- At the last meeting of the Sustainable Consumption and Production Challenge Group, updates were received on the priority areas. Two gaps identified for further work were good systems and technological innovations to address waste streams. It was reported that a textiles working group had been set up with the ambition of developing a textiles circular economy and platforms were being established. Further work would include a residual composition assessment, a high level assessment of the commercial and environmental performance and sorting and pilot assessments of textile flows from high use sectors. Updates were also provided about the Greater Manchester water fountain/refill scheme, a refresh of the catering data and single use plastics, the feasibility of an e-module to support the reduction in single use plastics for producers of goods and services, the 'One Bin to Rule them All' scheme, the three dimensional printing project, and procurement pieces to look at scope 3 emissions and a toolkit to reduce carbon emissions in the public sector and the Green Summit. Regarding sustainable lifestyles, a behaviour change task and finish group was being set up to consider consumer habits and messaging. A further task and finish group was also being established to consider food waste and the whole food system in Greater Manchester.

The Vice-Chair who was also a Member of the Waste Committee reported that concerns had been raised about the Resources and Waste Strategy for England and its implications.

- As part of the new Green Communications Delivery Challenge Group update, it was reported that the first meeting was held in January 2023, which considered an overview of the mission based approach and 5YEP. An audit of communications channels, green communications narrative and strategy and a 5YEP listening events task and finish groups had been set up. Work was progressing quickly given the Group's new focus on producing a communications strategy and providing consistent messaging across Greater Manchester with a greater emphasis on delivering campaigns and supporting the Green Summit.
- In terms of transport, it was reported that work had been undertaken on the Electric Vehicle (EV) charging network to support 200k vehicles and a report would be considered by the GMCA on 24 March 2023 regarding the recommendations of the study that considered how the public sector could best influence and optimise the future rollout of Electric Vehicle Charging Infrastructure (EVCI). In terms of the Clean Air Plan, government had requested further evidence, which required detailed modelling of the plan against the benchmark of a charging Clean Air Zone that addressed the exceedances identified in central Manchester and Salford. With regard to the clean bus fund, it was advised that 92% of buses had been upgraded.

A discussion took place about the electric vehicle market, sales, and the suggested barriers of price, confidence, charging points/coverage and the skills gap.

- An update was received from the 5YEP Implementation Challenge Group, where the new governance structure was bedding in. The connection and engagement with transport was being strengthened and the Transport Commissioner had attended a meeting to discuss the Bee Network and the red, amber, green (RAG) ratings detailed in today's presentation. The Chair of the Group had also attended a Bee Network Partnership meeting. It was recognised that whilst work was being delivered to decarbonize transport, more was needed across every area to hit the targets in the 5YEP.

RESOLVED/-

1. That the Partnership noted the progress in developing the Mission Based Approach and the associated Challenge Group activity.
2. That the Vice-Chair would raise concerns about rivers and how invasive species were taking over at the North West Regional Floods and Coastal Committee.

GMGCRP/67/23 DEVELOPING THE NEXT 5YEP

A presentation was provided by the Project Manager for the Mission Based Approach, GMCA.

The plan was to launch the next 5YEP in autumn 2024; there were 13 months to produce a draft. The presentation outlined the steps proposed to follow, the shape of the proposed plan.

The Partnership was asked for reflections, lessons learned from the last plan, comments on the wireframe and timeline and for any other feedback.

Discussions surrounded:

- It was asked that a higher level of engagement took place with the private sector and representation be strengthened.
- It was suggested there was an opportunity for more engagement with the Digital sector in this space as it was a key driver around environment, health, wellbeing, and resilience.

RESOLVED/-

1. That the Partnership approved the shape of and steps towards developing the proposed plan.
2. That the Partnership's comments noted above be included in future 5YEP planning

3. Officers offering assistance were asked to contact the GMCA's Project Manager for the Mission Based Approach.

GMGCRP/67/23 GO NEUTRAL AND PHOTOVOLTAICS (PV) GUIDE FOR SCHOOLS

The Partnership received a presentation that provided an update on the delivery of the Go Neutral programme, which sought to identify and install local renewable energy generation on Local Authority owned sites across Greater Manchester. The current programme had a cumulative value of pipeline equating to 15.7MW or £17m investment. Also introduced was a PV guide for schools.

The Partnership was asked to consider an aggregated pan-Greater Manchester portfolio approach to finance and to address concerns about leasing arrangements, how the schools solar PV guide could be disseminated and if it was appropriate for other sectors to help build awareness and accelerate delivery of solar PV.

Questions surrounded:

- In terms of European Regional Development fund, it was clarified that a scheme was due to be completed in September 2023. There was an opportunity to take up some funding, which Oldham and Stockport had taken advantage of.
- A Member asked if the Public Works Loan Board (PWLB) could be used as a funding stream. Various forms of finance including PWLB were being explored; they were complex and the legal side of agreements were being understood. The key to unlocking accelerated work was finance.
- The Faith Sector representative advised that work on solar PV on faith buildings was taking place and offered assistance in this area.
- A concern was raised about academization of schools, and if schools would risk using funding on buildings that could be taken over or separated out of Local Authority funding. Whilst academies provided a huge opportunity to accelerate as

many had the finance, there was a risk to Local Authorities and a model was being considered where financial returns and ownerships would be wrapped into agreements; details needed working through but there was a solution. Further discussions with the Department for Energy Security and Net Zero would take place.

- A Member asked about engagement with schools, especially School Governors via GovernorHub, and offers of briefing sessions. Engagement with Governors was key and Officers welcomed the ideas to share information and raise the profile. The intention was to generate interest as a whole so there was a better chance of moving it forward.
- Another Member, who was a School Governor, asked Officers to be mindful of the current climate in terms of surplus balances and the teacher's pay award but agreed to find out the best way to communicate with School Governors.
- The Carbon Literacy representative asked that it be used as a channel for dissemination.
- Given the enthusiasm and interest in this area, the Chair proposed and it was agreed that he and the GMCA's Director of Environment would discuss the scheme with the Greater Manchester Mayor.

RESOLVED/-

1. That the presentation and accompanying information be received and noted.
2. That Officers wanting to get involved were asked to contact the Programme and Policy Lead, GMCA.
3. That the Chair and GMCA's Director of Environment would discuss the scheme with the Greater Manchester Mayor.

GMGCRP/68/23 NHS GREEN PLAN

A presentation was provided by the Net Zero Programme Director, NHS Greater Manchester Integrated Care, which updated on the delivery of the NHS Green Plan published in May 2022. Focus areas of the Green Plan were largely aligned with the

Greater Manchester 5YEP and there was a good cross representation between GMCA and NHS groups.

The Partnership was asked to provide comments on the presentation, advise how work could continue to improve links with the GMCA/Local Authorities/key partners and work more closely on shared priorities, and how to embed health improvement into policies and strategies.

The main points referred to:

- A Member asked how much effort was being put into health and wellbeing outside of the strategy. Generally, within the acute sector it was mostly around helping people to get well once they were ill. However, within Greater Manchester there were a number of programmes focusing on green social prescribing, making smoking history, alcohol free pregnancies, which were around tackling those areas. There was also a big programme of work around social care, which was working with people to keep them out of hospital and keeping support within the community. It was suggested that more preventative activity would be beneficial and showing how interventions could save money and carbon.
- A point was raised by the LEP representative about switching appliances off to save energy and how this was not practical in a clinical setting. It was further highlighted that given the trailblazer announcement and moving towards 2025, it was suggested discussions were needed around making further progress on being able to connect the greater control over health and social care and the financial co-benefits of tackling carbon. It was agreed that discussions would take place outside the meeting.
- A Member who sat on the UK Shared Prosperity Fund suggested that it could help especially around interesting paths to get people closer to the jobs market.
- The Chair asked how information was shared with the Integrated Care Board (ICB). It was noted that a presentation would be provided around May 2023.

RESOLVED/-

- That the information be received and noted.
- That the points raised by the LEP representative be addressed outside the meeting.
- That the UK Shared Prosperity Fund be approached by the Net Zero Programme Director, NHS Greater Manchester Integrated Care.

GMGCRP/69/23 GREATER MANCHESTER STRATEGY PROGRESS REPORT

Consideration was given to a report that provided an overview of the key messages and findings from the second progress report developed, at 12 months into delivery of the Greater Manchester Strategy (GMS). The full progress report would be published on [17 March 2023](#).

The information gathered for the report showed that a responsive set of actions had been taken to the main findings and the implications from the first progress report, although overall further pivot, pace, and scale would be required if overall GMS ambitions were to be achieved.

The progress report focused on key strategic opportunities presented to Greater Manchester, raising visibility of how whole system responses, and applying GMS ways of working could support maximising those opportunities.

The main points referred:

- Member's attention was drawn to sections 2.8 to 2.12 of the report. Carbon neutrality was still achievable by 2038. However, carbon reduction needed embedding across the wider GMCA strategy and policy functions. Work was taking place with the Tyndall Centre and further resources had been secured to help embed carbon across the broad. Barriers were being understood and the refresh of the 5YEP provided an opportunity to ensure carbon was embedded in the wider agenda.
- In response to the request for wider commitment, the Greater Manchester Faith Communities representative reported that a climate audience was taking place with

Pope Francis on 20 April 2023 in Rome. It was envisaged that work would move forward within the strategy and plan in terms of lifestyles and access. A report would be provided in due course. Broader work was needed with sectors who were aligned but not actively engaged. There were opportunities with the leisure, heavy industry and health sectors. The 5YEP would focus on those sectors which needed the most help.

- A point was raised about reducing carbon emissions by exporting it to other countries and it was asked if there was any work in this area. Work was taking place with companies in Greater Manchester to ensure they were considering scope 3, which might have an impact on wider supply chains as they started to develop their own carbon neutral plans.

RESOLVED/-

1. That the Partnership noted the findings of the report and agreed that a presentation on future progress be brought to a future meeting of the Partnership.
2. That a report from the Greater Manchester Faith Communities be considered at a future meeting following the climate audience with Pope Francis.

GMGCRP/70/23 ENVIRONMENT COMMUNICATIONS IMPACT REPORT

A presentation was provided by the GMCA's Head of Communications and Behavioural Change that provided Quarter 3 2022/23 Impact report.

It was reported that the City of Trees had a very productive meeting with TfGM on possible tree planting sites.

RESOLVED/-

That the presentation be noted.

GMGCRP/70/23 DATE AND TIME OF NEXT MEETING

The Annual meeting would be held virtually on Friday 21 July 2023 at 10.30am.

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.



Greater Manchester Green City Region Partnership

Date: 21 July 2023

Subject: Quarter 1 (April to June 2023) 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 2023/24 and key milestones for the second quarter.

RECOMMENDATION:

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 \(gmtableau\)](#).

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. During the last quarter. There are a number of key successes to be highlighted, set out below:

1.1 Energy

- Local Area Energy Plans (LAEPs) – A Phase 1 feasibility report, exploring the social (non-technical) barriers to net zero, has been developed and submitted to Innovate UK.
- DEEP Phase 3 (Heat and Energy Network Opportunity Areas) – First regional Heat Network meeting held with the 5 Districts that are currently at detailed project design stage. Bolton and Oldham are progressing with their designs. Remainder due to be procured.
- Go Neutral Smart Energy Framework – Contracts awarded for Rochdale and Stockport (ERDF) schools solar PV projects (0.6MW) and Wigan's (ERDF) leisure centre roof mounted solar PV scheme (c. 300kW). Two of Stockport's schemes have been installed with the rest due to be completed by September 2023. Workshop held, and action plan agreed for remaining shortlisted sites for Rochdale. Consultancy support (Wave 2) appointed to support Bury, Oldham, Salford, Wigan and GMCA Waste Dept with reviewing sites and bringing forward a portfolio of opportunities to market. Commission is expected to complete in March 2024.
- Smart Energy – Schools solar PV engagement guide published and discussions underway with NHS and other sectors on how this can be repurposed. Outline scope of schools solar PV offer developed with Districts. Work ongoing to develop the detail, with a view to having the offer in place by October 2023. Initial discussion held with Department for Education (DfE) to discuss potential collaboration opportunity.
- Energy Innovation Agency (EIA) – Work continues to refine the business model for post year 2 funding, this includes the addition of new funding partners and the revised shape and size for the EIA. Funds have been secured from the Greater Manchester Innovation Accelerator and new marketing collateral has been developed to promote the work of the EIA to innovators and potential buyers.

- Trafford Energy Park - Confirmation of shortlisting and updated information submitted to UK Department for Energy Security & Net Zero (DESNZ). Amendment approved to increase initial hydrogen production facility to 15MW and to vary the pipeline from natural gas to hydrogen. Schrodgers Greencoat and Carlton Power have formed the Green Hydrogen Energy Company Ltd (GHECO) to accelerate development of green hydrogen projects in Trafford (Greater Manchester), Barrow-in Furness (Cumbria) and Langage (Devon). This includes an initial funding commitment of £200million.

1.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) – Wave 1 retrofits nearing completion and project close-down process begun. Wave 2 activities commenced.
- Public Sector Decarbonisation Scheme (PSDS) – Grant funded element (£11.1m) of PSDS 3a programme successfully completed across twenty projects. Four delivery partners have completed works, the remaining three are due to complete by April 2024. PSDS 3b programme underway. Consultancy commission for PSDS pipeline development activity ongoing with site surveys complete (44 buildings) and technical reports being finalised.
- Retrofit GM (Your Home Better) – Year two milestones agreed and direct mail programme to Greater Manchester residents complete. Current Solar PV and Battery Pipeline is £200k with the value of fabric works for follow on support with Your Home Better at circa £275k. Engagement has commenced with Your Home Better clients (delivered by Salford University) to further understand what consumers want.
- Local Energy Advice Demonstrator (LEAD) awarded (£1.9m grant programme funded by North West Net Zero Hub over 2 years) to bring together the regions ECO 4 Flex programme (Fuel Poor) and Your Home Better (Willing to Pay) with energy advice to ensure an end-to-end offering.
- ECO4 flex scheme (support for fuel poor/low-income households with home energy efficient upgrades) – Marketing activities commenced. Web portal to enable eligible households to be referred for the scheme has been developed and tested. [Press release](#) and [installer blog](#) issued.
- Net zero new development – Detailed Greater Manchester net zero standard agreed.

- Good Landlord standard and enforcing Minimum Energy Efficiency Standards (MEES) – The Good Landlord Scheme trainee programme is operational with ten trainees recruited across each District. The Regulatory Compliance Officer apprenticeship commenced in May 2023.

1.3 **Transport**

- Active Bee Network - Network audit complete. Geographical Information System (GIS) work is ongoing to combine audit data with current programme mapping to enable full network delivery figures and forecasts to be produced.
- Bike Hire Scheme – Average of 387 available bikes in June 2023. Drop due to rise in antisocial behaviour since Easter.
- E-hubs pilot - The pilot demonstration phase of the e-hubs project finished in December 2022. Currently exploring potential of further hub trials to increase network and wider roll-out of a Greater Manchester wide car club offer. The first phase will be a group of pilot sites in Salford, using co-located e-scooters and cycle hire bikes to create light touch Mobility Hubs.
- Bus franchising - Go North West and Diamond Buses fully engaged and mobilising ready for commencement of Tranche 1. First batches of zero emission buses have been delivered and preparation to electrify the Bolton depot is underway. Several existing buses in the area have been branded to familiarise the public with the Bee Network brand. Tranche 1 schools contracts awarded to Stagecoach and Vision. Pre-planning application submitted to Stockport MBC for electrification of Stockport depot. Non-bus zero emission fleet delivery and infrastructure installation is progressing.
- Streets for All - Final draft of Streets for All guide to be circulated to Districts by end of June 2023 for review and comment.
- Clean bus fund - Currently 95% of buses awarded retrofit funding have been upgraded. Overall, the Greater Manchester based bus fleet will be circa 92% compliant once all planned retrofits and replacements have completed in the next 6 months.
- Electric Vehicle Charging Infrastructure (EVCI) - Discussions being held with Office for Zero Emissions Vehicles (OZEV) relating to Local Electric Vehicle Infrastructure (LEVI) funding to support EVCI delivery.

- Taxi EVI project (dedicated rapid charging points) - As of June 2023 most of the 120 charging points have been installed. Charging points at Parkway and Walkden Park and Ride now commissioned. Etihad charging point installed and commissioned and one further site in Marple to be installed (4 additional connectors).

1.4 Sustainable Consumption and Production

- Invitation to tender issued to support profiling of GMCA's scope 3 emissions including spend and investment carbon impact analysis and development of an action plan/toolkit to reduce carbon emissions.
- Bee Net Zero – questionnaire sent to 400 GM businesses to assess their state of readiness to be on a path towards net zero by 2038.
- Expressions of interest submitted to Sustain for GMCA to become a regional partner to support a 'Good Food for All' approach in Greater Manchester.
- Consumer behaviour insights - Work commenced with initial focus groups, digitally excluded interviews and online quantitative survey completed.
- Single-Use Plastics – Work programme agreed. GMCA and Manchester City Council committed to becoming a Refill Destination with support package in place from City to Sea. [Press release](#) issued on World Refill Day. Dedicated webpage for forthcoming [single-use plastic ban](#) published on GMGreenCity website, PlasticFreeGM factsheets updated, and social media toolkit developed and circulated to Districts.
- Greater Manchester Sustainable Textiles and Fashion - Funding application submitted to UKRI's circular fashion and textile programme's Network Plus call to support development of a feasibility study for a national sorting and recycling infrastructure demonstration on textile waste.
- In The Loop campaign launched by Recycle for Greater Manchester (R4GM) to encourage recycling and educate residents on circular economy principles. Community Fund 2023 application round closed with 70+ applications.

1.5 Natural Environment

- Local Nature Recovery Strategy (LNRS) - Statutory regulations and guidance have now been published (awaiting funding from Defra). This includes a requirement to undertake a public consultation on the strategy. Communications and stakeholder engagement plans being drafted. Work on a State of Nature review, to form the evidence base for the strategy, has commenced (expected publication in summer 24). Brief developed with Trafford Council officers to integrate LNRS and Natural Capital approaches into the master planning of the Timperley Wedge site.
- ELMS Test and Trial Pilots - Workshop held with range of partners to discuss recommendation for a farm outreach/advice service. A proposition is being developed with United Utilities (focussing on phosphates) and discussions with Environment Agency and GMCA also taking place.
- Natural Course Phase 3 – Natural Course natural capital event held in Manchester, April 2023, and on-line water governance event, May 2023. Final samples taken for study of micro plastic contamination of Greater Manchester rivers. Invitations to tender for resources for planners and identifying priority locations for nature-based solutions to tackle road runoff circulated. Second survey of otters in the rivers of South Manchester commenced.
- Biodiversity Net Gain (BNG) – Needs and supply assessment reporting complete with dissemination of results to Districts (8 Districts now seeking to bring forward supply sites). Greater Manchester Environment Fund (GMEF) offer of support to Districts published and Additional Burdens funding from Defra received. Legal advice on securing offset site received via the GMEF and distributed to Districts on S106.
- IGNITION - Final audit report received with only 2% of costs across partners rejected.
- Natural Environment Investment Readiness Fund (NEIRF) – NEIRF I final report submitted to Defra. Natural England considering how carbon offsetting findings may support restoration of Chat Moss land now in their ownership.
- Round 2 of the Greater Manchester Green Spaces Fund (GSF) awarded and round 3 opened. 52 community projects have now benefitted from GSF funding.
- Green Social Prescribing (GSP) – New Nature for Health steering group set up to work to embed the outcomes of the pilot.

- Water Management – Integrated water management plan approved and published to accelerate improvements in our water systems through co-delivery (GMCA, Environment Agency and United Utilities).

1.6 **Communications**

- Green Summit 2023 – Programme planning progressing with regular updates and 'sound checks' with stakeholders. Sponsor Pack circulated to previous Green Summit sponsors, all challenge groups, and new partners. Two Headline Sponsors (Electricity Northwest and SSE) and three Official Partners (Suez Recycling and Recovery, Environment Agency, and Manchester Metropolitan University) secured. Questionnaire circulated to all previous attendees asking for feedback on previous event (what worked well) and what they would like to see at this year's event.
- Environment Plan 2024 onwards – Initial pathway development and target setting discussions for the next Environment Plan have commenced. Greener Greater Life listening event held in Rochdale to gather insights to climate change from the ageing population. University of Manchester event 'Green Rising' planned for October 2023 to engage with communities on environmental sustainability.

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 – Detailed project design to be completed for 5 Heat Networks.
- Local Area Energy Plans (LAEPs) – Phase 2 bid submission to be developed.
- Go Neutral – Complete ERDF funded solar PV installations. Agree and deliver approach with Rochdale and Stockport for remaining wave 1 consultancy support. Complete site surveys for wave 2 consultancy support and progress priority projects through development process.
- Smart Energy – Commission and deliver consultancy support as required to develop schools solar PV offer and toolkit. Agree and finalise schools solar PV financial model. Continue discussions with DfE to explore collaboration opportunity.

- Energy Innovation Agency (EIA) – Hold Net Zero event to attract new innovators into the EIA. Recruit new staff to meet capacity needs and new sustainable finance business plan to be presented to the Board.
- Trafford Energy Park - Commence negotiations on Low Carbon Hydrogen with DESNZ.

2.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) – Outstanding wave 1 retrofits to be completed. Continue to progress wave 2 activities including procurement and tenant engagement.
- Public Sector Decarbonisation Scheme (PSDS) – Complete consultancy commission on PSDS pipeline development activity and confirm list of buildings for a potential application to the PSDS 3c funding call. Identify replacement buildings for PSDS 3b due to three delivery partners withdrawing buildings from the programme. Develop and launch Greater Manchester decarbonisation case study video.
- Retrofit GM (Your Home Better) – Assess level of uptake through direct marketing campaign. Report back on the Salford research and incorporate the findings into Your Home Better and Local Energy Advice Demonstrator (LEAD) offers.
- ECO4 Flex scheme - Launch web portal and continue marketing and promotional activities through Districts and the NHS.
- Net zero new development - Continued development of net zero homes pipeline and review of Truly Affordable Net Zero Homes (TANZ) Implementation Plan.
- Good Landlord standard and enforcing Minimum Energy Efficiency Standards (MEES) – Further places to be offered on the Advanced Professional Certificate in the Private Rented Sector at Middlesex University.

2.3 Transport

- Active Bee Network - Complete GIS network mapping to enable forecasts of future delivery and facilitate planning of future schemes.
- Bike Hire Scheme – Manage antisocial behaviour and repairs to maintain an acceptable level of bike availability. Operational plans to be developed by Beryl in response to the current situation.

- E-hubs pilot – Salford trial sites to be up and running. Develop typologies to demonstrate how Hubs should function in line with Right Mix targets and spatial themes. E-scooter rack to be installed at Salford Crescent.
- Bus franchising – Tranche 1 contracts to commence in September 2023. Bus fare evaluation summary report (wave 2) to be published in Quarter 3. Full planning application for electrification of Stockport depot to be submitted. TfGM (non-bus) zero emission fleet to be fully operational.
- Clean Air Plan – Continue to prepare additional evidence as requested by Government including detailed modelling in support of Greater Manchester’s case for an investment-led, non-charging Clean Air Plan.
- Electric Vehicle Charging Infrastructure (EVCI) – Formalise funding arrangements. Additional resource secured and in post.
- Taxi EVI project (dedicated rapid charging points) – Districts to lead further installation go charging points using LEVI and City Region Sustainable Transport Settlements (CRSTS) funding pots.
- Freight Strategy - Build logistics into Local Transport Plan (LTP) considerations and ensure appropriate policies in place for growth locations.

2.4 Sustainable Consumption and Production

- Award public sector scope 3 emissions tender and commence work.
- Set up new task and finish groups for Plastics (Circular Economy) and Food Waste.
- Consumer behaviour insights - Findings of the focus groups and questionnaire to be evaluated and next steps to be considered.
- Single-Use Plastics – Develop staff communications and engagement toolkit to raise awareness of commitments under the Plastic Pact. Explore potential pilot of reusable cup scheme in Greater Manchester with City to Sea.
- Continue development of Community Climate Change e-learning course delivered via the Greater Manchester Green City website.
- Subject to outcomes of the textiles UKRI funding application and Sustain food expression of interest commence programme of work.

2.5 **Natural Environment**

- Local Nature Recovery Strategy (LNRS) – Sign off governance arrangements and set up of Taskforce for Nature. Complete stakeholder engagement and communications plan. Secure technical support for Timperley Wedge site and begin delivery of the commission. Await statutory regulations and guidance in advance of mandatory BNG commencing in November 2023.
- ELMS Test and Trial Pilots - Prepare for project closure, including final events and production of project report. Agreement to be made on how to take forward farm advice work.
- Natural Course Phase 3 – Conclude external commission on microplastics research. Commission roadside green infrastructure locations work and Water Framework Directive advice. Deliver final phase of Invasive Non-Native Species (INNS) delivery projects and consider next steps.
- Biodiversity Net Gain (BNG) – Ensure all Districts are moving forward with offsite BNG and agree template BNG policy wording. Develop template Section 106 for all Districts to use. Refresh of Greater Manchester BNG guidance underway led by Greater Manchester Ecology Unit (GMEU).
- Award Green Spaces Fund round 3 grants and open round 4 in September 2023.
- Hold first meeting of Nature for Health steering group and develop work programme.

2.6 **Communications**

- Green Summit 2023 – Progress sponsorship engagement, evaluate questionnaire feedback and finalise event programme. Develop ‘Road to Green Summit’ campaign including ticket sale launch and sponsorship announcement.
- Further listening activities to be planned in line with the development of the next 5-Year Environment Plan.
- Bee Net Zero – campaign to promote PV to businesses to commence in July.
- Announcement of successful applications to R4GM Community Fund 2023, Green Spaces Fund round 3 and first corporate sponsor of Greater Manchester Environment Fund.

- Support development and roll out of the LNRS including national announcement, communications and stakeholder engagement planning, content series building to public consultation in Quarter 4.
- Continue Your Homes Better and single-use plastic legislation communications and complete SHDF wave 1 communications (1,286 homes).

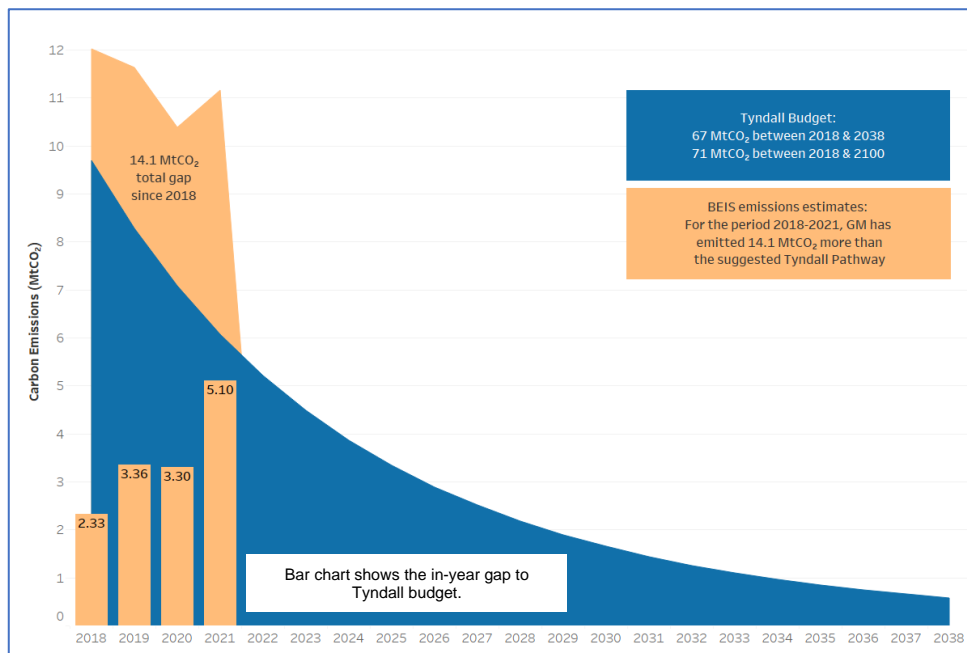
3. IDENTIFIED RISKS AND EMERGING ISSUES

- 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 2021/22 show an increase in the recycling rate from 48.4% in 2020/21 to 51.1% in 2021/22 for Greater Manchester. The increase is down 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%). This item is now flagged as “amber”.

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)

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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	↑	Amber
	Additional 10TWh of low carbon heating by 2024	↔	Red
	Add at least a further 45MW of diverse and flexible load by 2024.	↔	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).

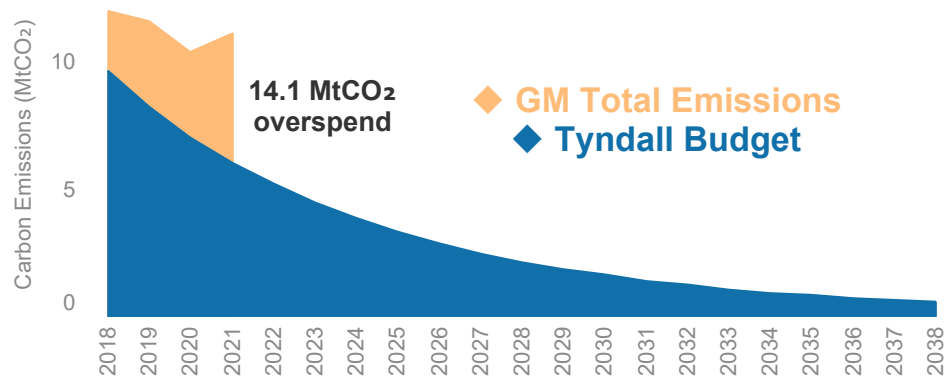
What targets are in the 5YEP and which are being tracked here? (click icon to navigate to page)

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Category	Icon	Target	Tracking Status
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?

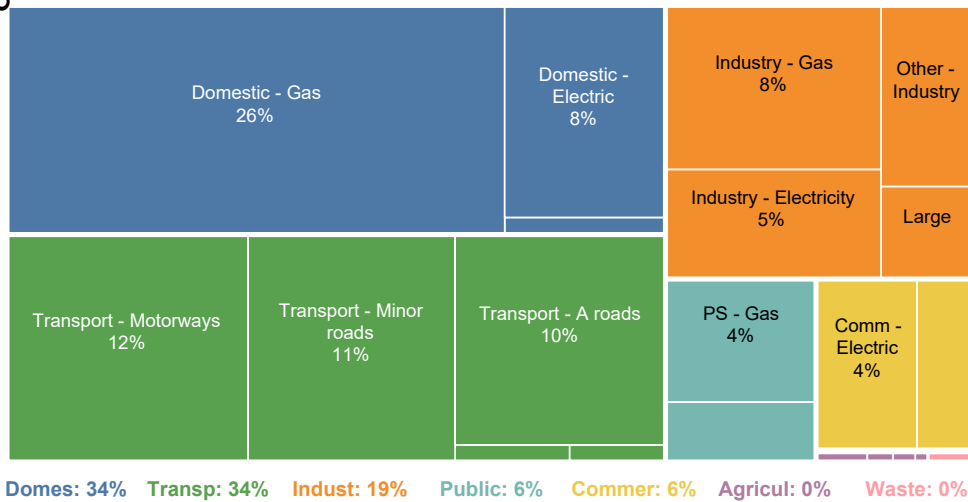


What is GM's 'business as usual' emissions forecast?

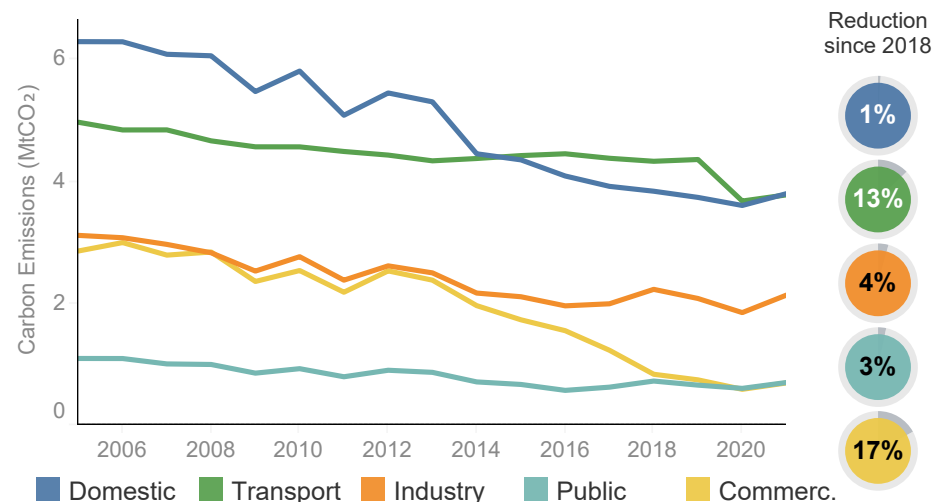


In development

Where are our emissions coming from?



How have our emissions changed over time?

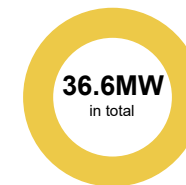
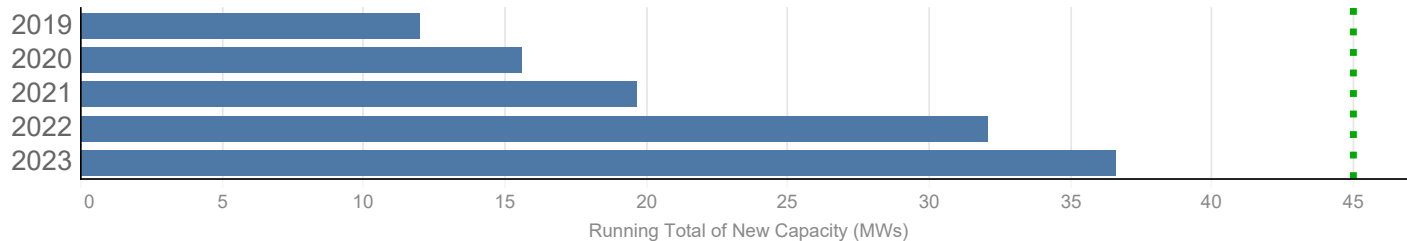


Greater Manchester's Energy Supply

Choose which local authorities to focus on: Greater Manchester

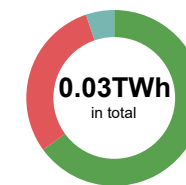
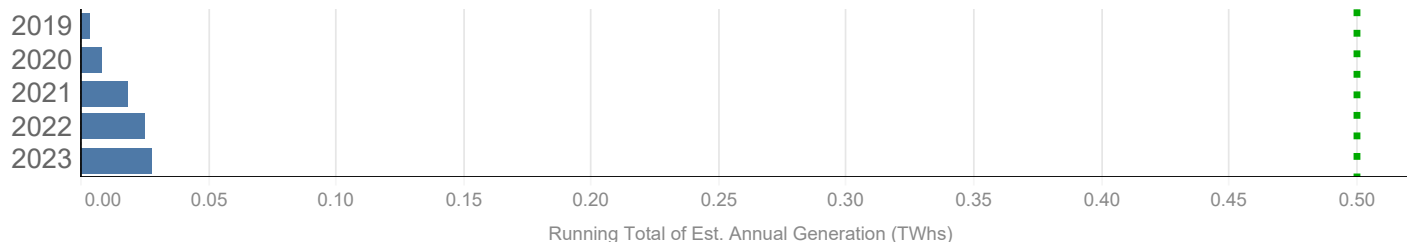
◆ Operational ◆ Under Construction - - - Target

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



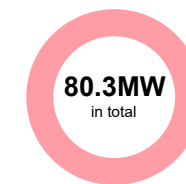
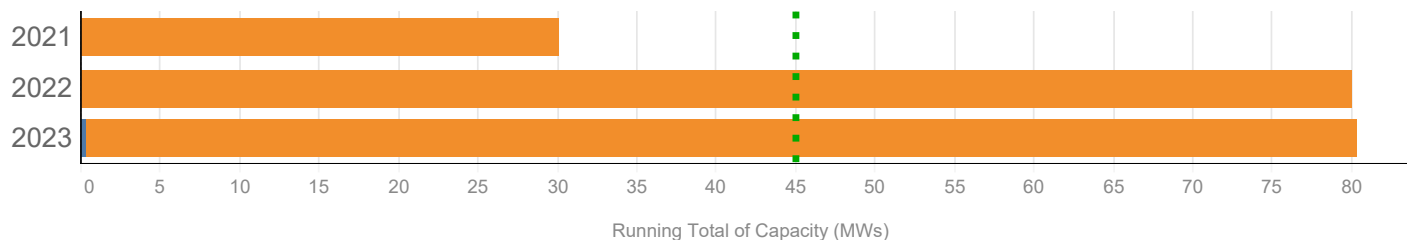
◆ Solar Photovoltaic

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

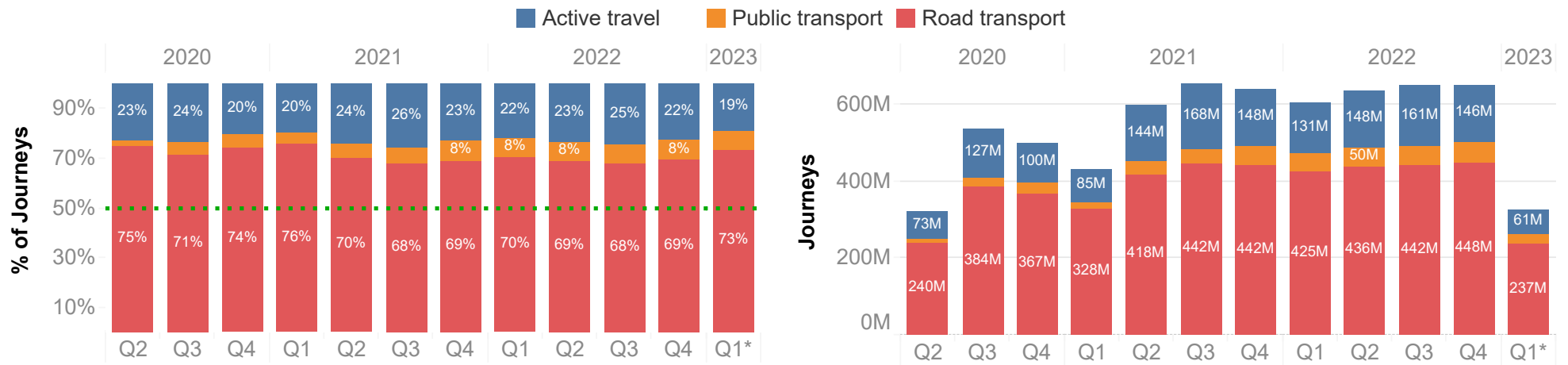
Journey mode

Journey quarter

All

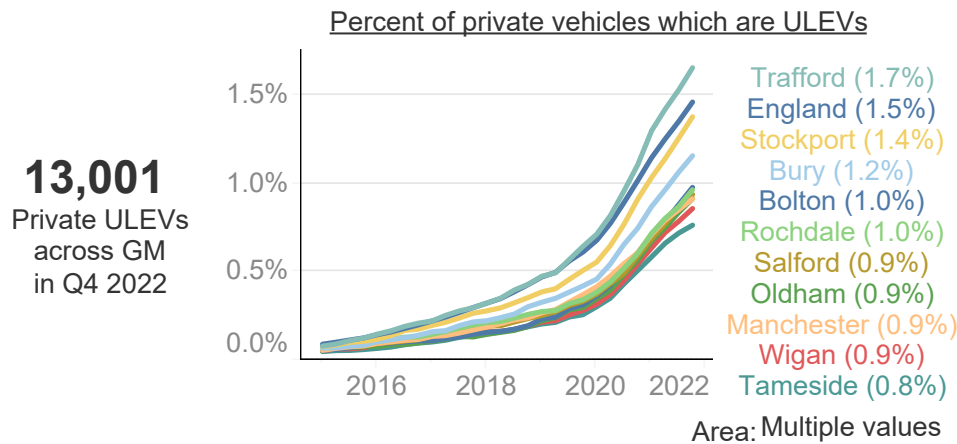
All

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)

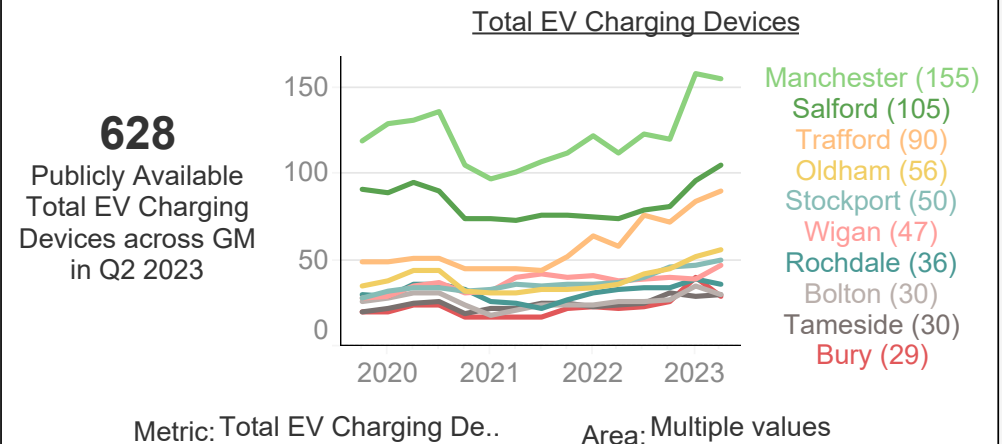


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T2: Support expansion to 200,000 EVs in GM by 2024



T2: Increase the number of publicly accessible EV charging points



Local Authority

Tenure

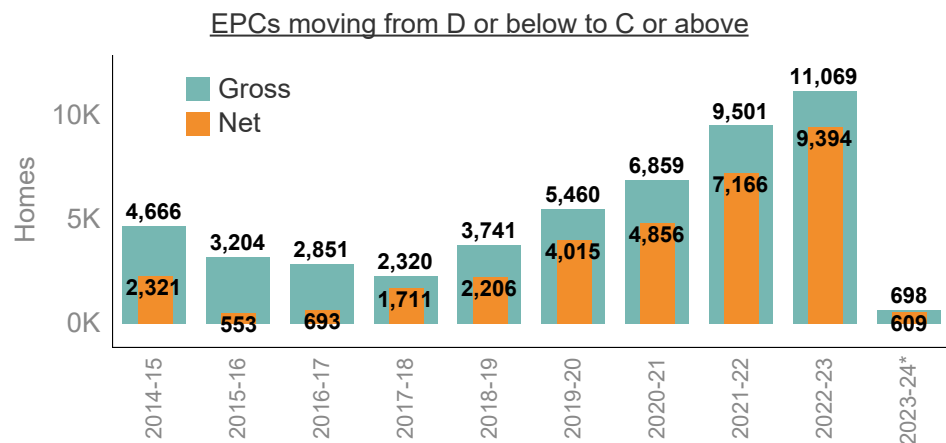
Property Type

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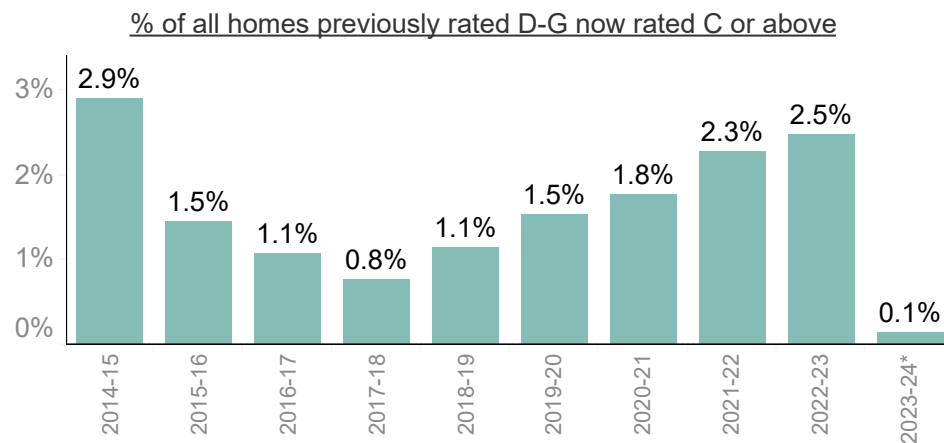
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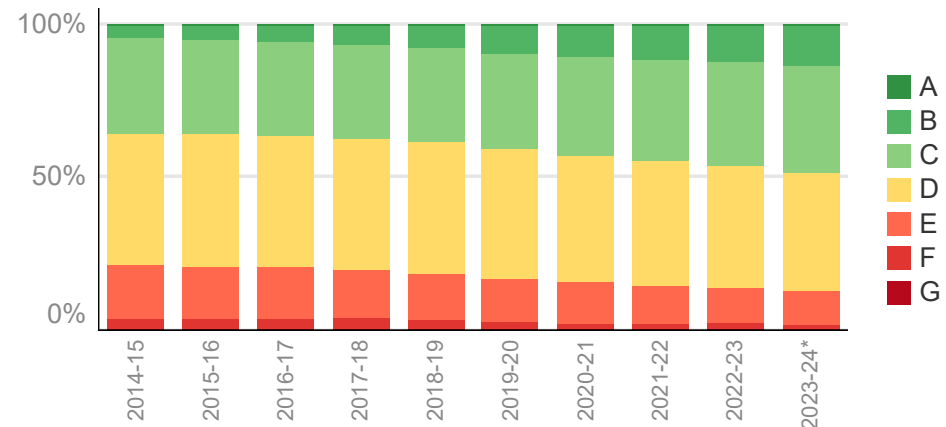
B1: Retrofit 61,000 homes per year (305,000 by 2024)



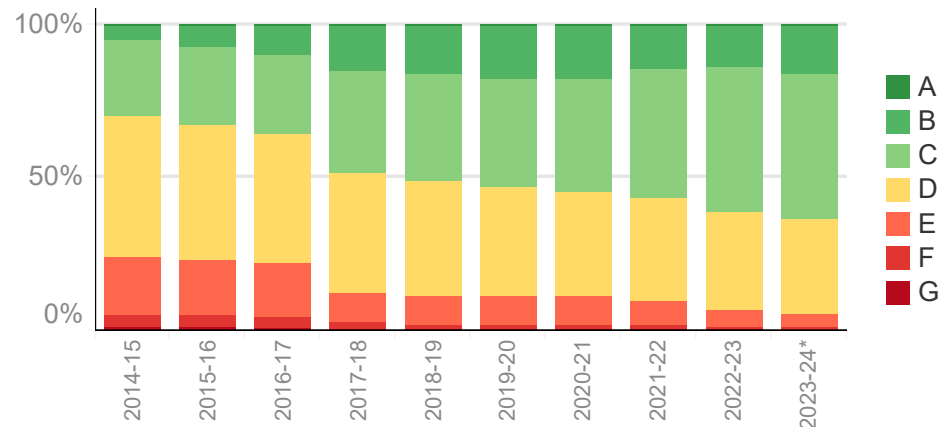
What proportion of inefficient homes are improving each year?



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

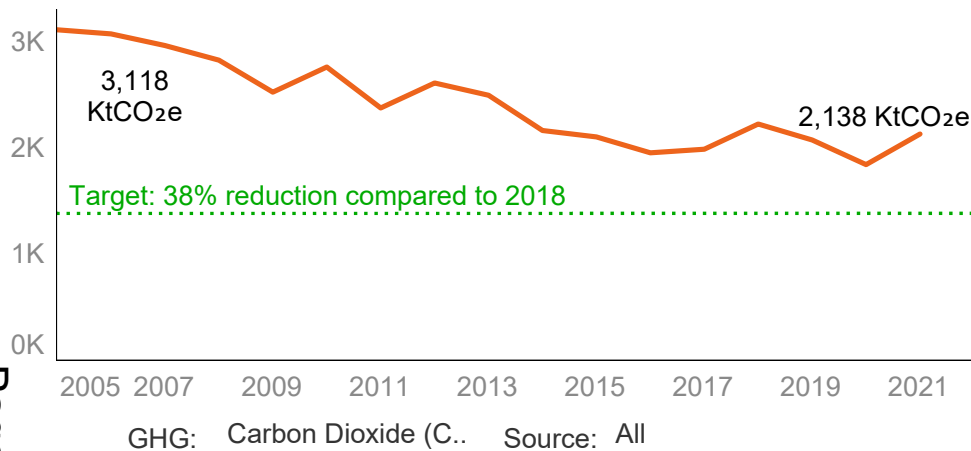


Proportion of EPC certificates in each band (registered in that year)

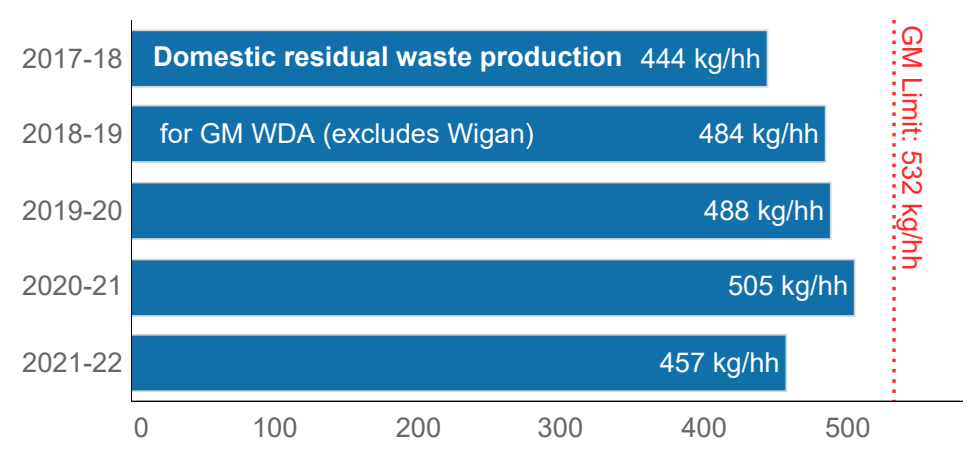


Filter data by area: Greater Manchester

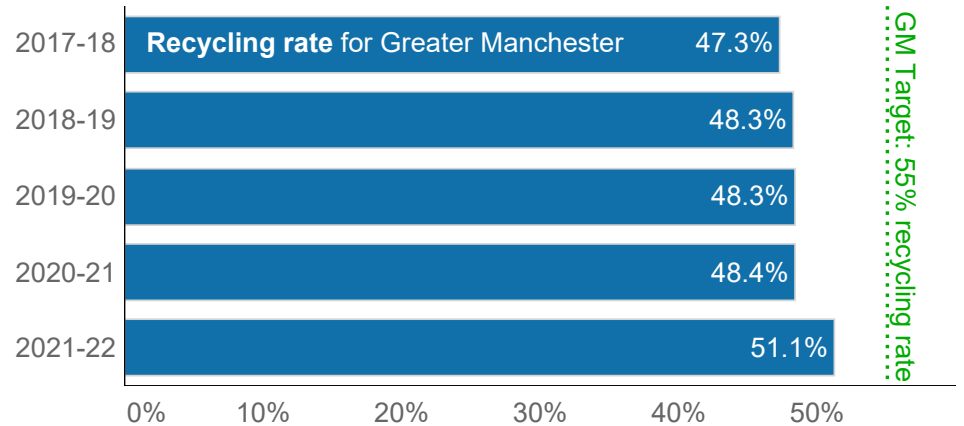
SCP1: Reduce industrial emissions by 38% by 2025



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



SCP3: Achieve a recycling rate of 55% by 2024

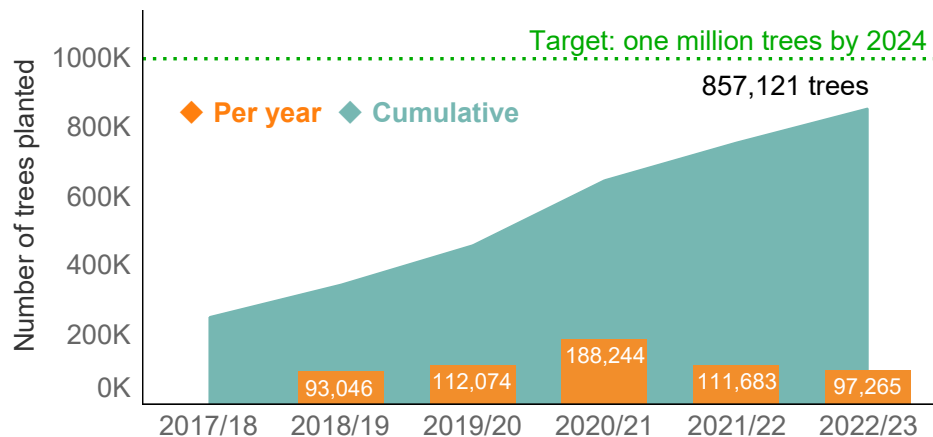


In development

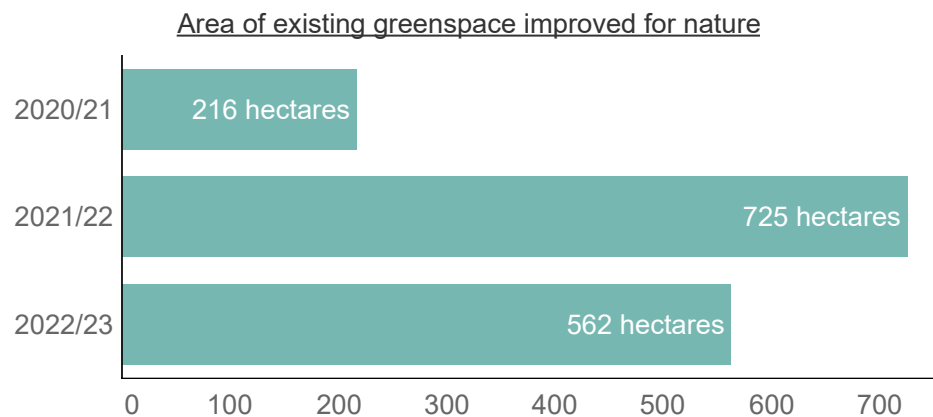


In development

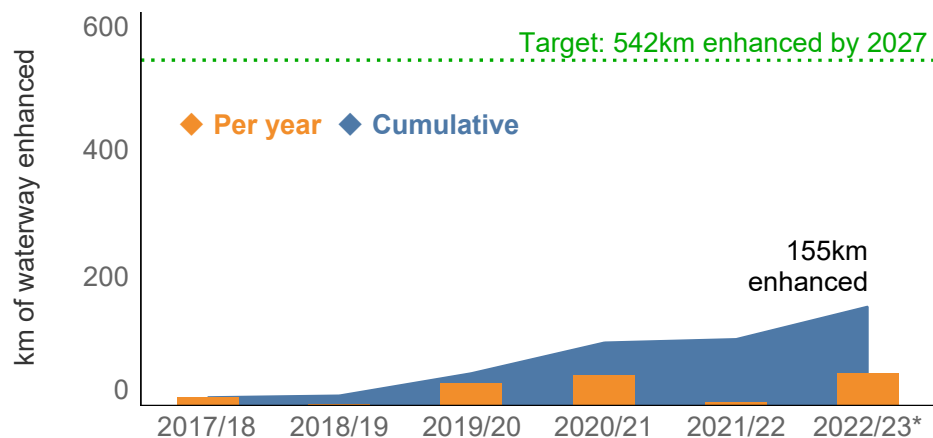
NE1: Plant one million trees by 2024



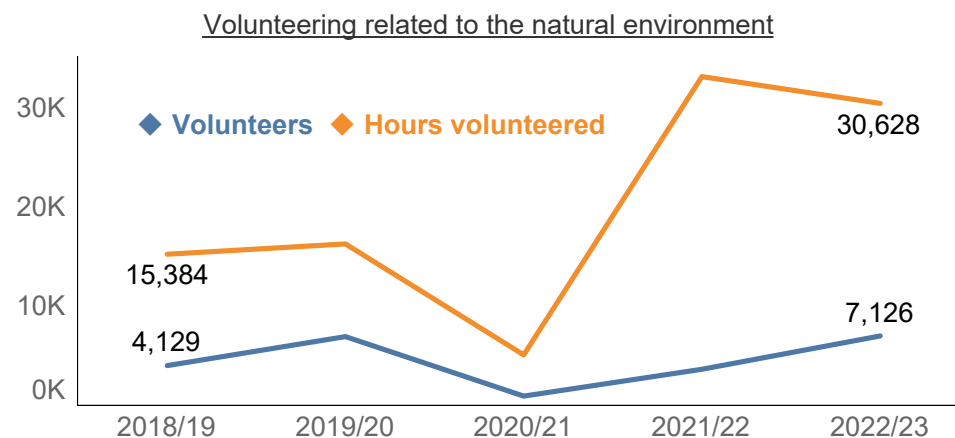
NE1: Improve existing areas of greenspace for nature



NE2: Enhance 542km of waterways by 2027



NE5: Increase engagement with natural environment



Data sources: partner organisations - click on the buttons for more info



Greater Manchester Green City Region Partnership

Date: 21 July 2023

Subject: Work Programme 2023/24 and 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 provides an updated overview of the Challenge Group priorities and how these are being delivered through Task and Finish Groups.

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:

Mark.Atherton@greatermanchester-ca.gov.uk

Robyn.Smith@greatermanchesrer-ca.gov.uk

1.0 INTRODUCTION

The purpose of the Challenge Groups is to:

- 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.

An update on the progress towards the Five Year Environment Plan has been presented at all of the challenge groups.

2.0 GREEN COMMUNICATIONS CHALLENGE GROUP

Topics discussed

The Challenge Group held its second meeting since it was reviewed and refreshed.

The meeting covered:

- The Terms of Reference and purpose of the group
- Audience mapping
- Partner campaigns to be amplified and shared across by challenge group members across their channels and networks including,
 - ENW Powering our communities fund
 - Bee Net Zero solar campaign
 - Plastic campaign, Making Waves
 - Net zero week, 1-7th July

Challenges/opportunities raised

- Showing leadership – share partner’s upcoming events and badge Green City Region
- More sharing audiences– using each others channels for engagement.

Future priorities/work/topics

- Supporting communications from the GM Retrofit Taskforce
- Mapping out the audience reach of challenge group members

3.0 LOW CARBON

Topics discussed

The last Challenge Group meeting focused on progress in developing and deploying Solar PV across GM in support of carbon budgets and local area energy plan targets for renewable energy deployment. This included deep dives with presentations on:

- Faith Community Energy Projects
- Growth Company work with SMEs
- Barriers and opportunities for scaling up deployment of Solar PV across city regions larger businesses.

The approach of each challenge group meeting focusing on a low carbon deep dive topic was supported and agreed by the group.

Challenges/opportunities raised

It was agreed that an action plan would be developed with Bee Net Zero to support awareness, learning and scaling going forward.

Future priorities/work/topics

Transport was suggested as a possible future deep dive topic to support alignment of mobility and decarbonisation ambitions across GM.

4.0 NATURAL CAPITAL GROUP

Topics discussed

The Natural Capital Executive Group's recent meeting focused on several of the plans in development/recently developed

- Local Nature Recovery Strategy
- Integrated Water Management Plans
- Five Year Environment Plan

Challenges/opportunities raised

Discussions on the Five Year Environment plan emphasised the need to prioritise natural environment alongside carbon reduction in the next Five Year Environment Plan. In addition, different suggestions were given for how the actions should be structured by audience type.

It was also noted that in the executive group the business plan should be used to consider strategic risk and new areas of work were suggested to add to the business plan and this will be updated ahead of the next meeting.

Future priorities/work/topics

An item of peat will be picked up at a future meeting.

5.0 SUSTAINABLE CONSUMPTION AND PRODUCTION

Topics discussed

At the June meeting, the Challenge Group had updates on the following items:

- Behaviours Insights from the Public First research. The results were shared from the initial focus groups and the plan for the poll was presented.
- Single Use Plastics Task and Finish Group with the Local Authorities
- GM Fashion and Textiles from MMU

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 membership for the following groups is currently being determined and meetings will be held ahead of the next Challenge Group meeting,

- Plastics
- Food waste
- Behaviour Change

Overall, there are now 4 Task and Finish Groups with the most advanced being the GM Sustainable Textiles and Fashion Group, which has identified core priorities for the shift to a more circular economy of textiles focusing on:

- Reduced fashion consumption – promotion of higher quality more durable goods
- More effective utilisation of post-consumer waste (PCW) fashion

Short-term actions to deliver on the latter priority include:

- Comprehensive mapping of segregated PCW fashion and textile flows across the region
- Extension of planned existing residual waste compositional assessments through pilot kerbside collection initiatives to characterise clothing/textile waste in residual waste streams
- Trialling new/alternative clothing/textile collection options
- High-level assessment of the commercial and environmental performance of existing UK re-processing options and those that could be introduced to increase the value extracted from non-reusable textiles (NRT) fraction of collected fashion and textile items
- Identification of the optimal range of NRT sorting grades (i.e. ranges of material composition) best suited to the preferred downstream re-processing options
- Pilot assessment of clothing and textile flows from a limited number of high-use sectors (e.g. NHS/PPE, school uniforms, HMP, etc)

Whilst some of these actions can be pursued by the GMCA and GCR Partners, funding is needed to progress many. This is actively being sought. Unfortunately a recent bid for [NetworkPlus](#) funding under UKRI's Circular Fashion and Textiles Programme, whilst shortlisted for interview, was not ultimately funded.

Future priorities/work/topics

The next meeting will pick up the next steps for the sub groups.

6.0 FIVE YEAR ENVIRONMENT PLAN FORUM

Topics discussed

The last meeting of the Forum focused on the development of the next Five Year Environment Plan with items on the following topics:

- Carbon pathways and setting targets for the next 5 YEP
- Local Authority action and spheres of influence
- Transport 2040 Strategy
- Potential for a Greenwash Free Charter for GM

The members were then asked to provide feedback on actions to include in the Five Year Environment Plan Forum that sit outside of Local Authority influence. This feedback will be considered throughout the development of the Five Year Plan.

Challenges/opportunities raised

On transport, the discussion included whether there was potential to be more ambitious and transformative than aiming for a reduction from 60% to 50% of journeys in the city region being taken by car by 2040 and a suggestion to consider approaches in Scotland. The level of political will for more transformative system changes that discourage certain options rather than only encouraging lower carbon options and whether choices about 'acceptable' policy options were transparently considered was also discussed.

Future priorities/work/topics

- How to best accelerate and capture business commitments and actions in the plan – focusing on deliverable actions.
- Exploring definitions of ‘sustainable economic growth’ and being specific on our commitments here.
- Greenwash free city initiatives

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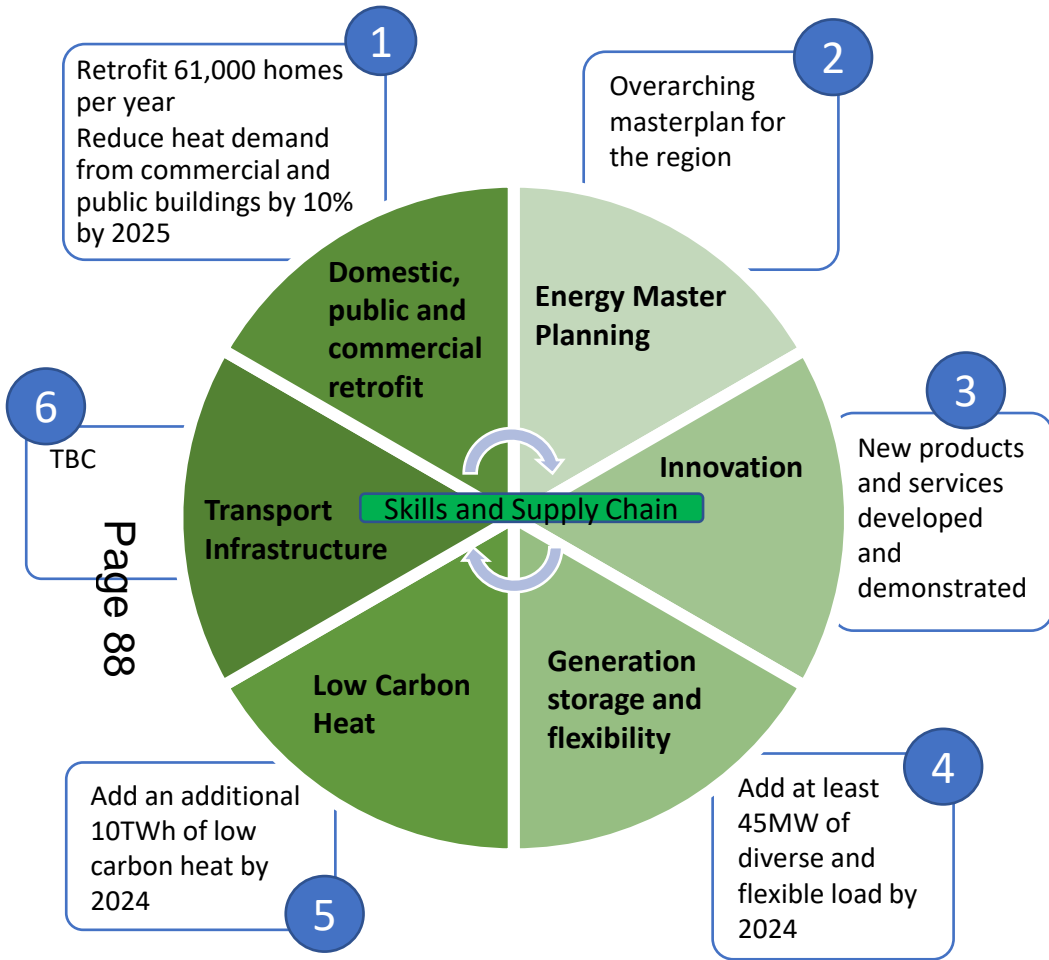
Challenge Group Work Programme - Update July 2023

Item 7a

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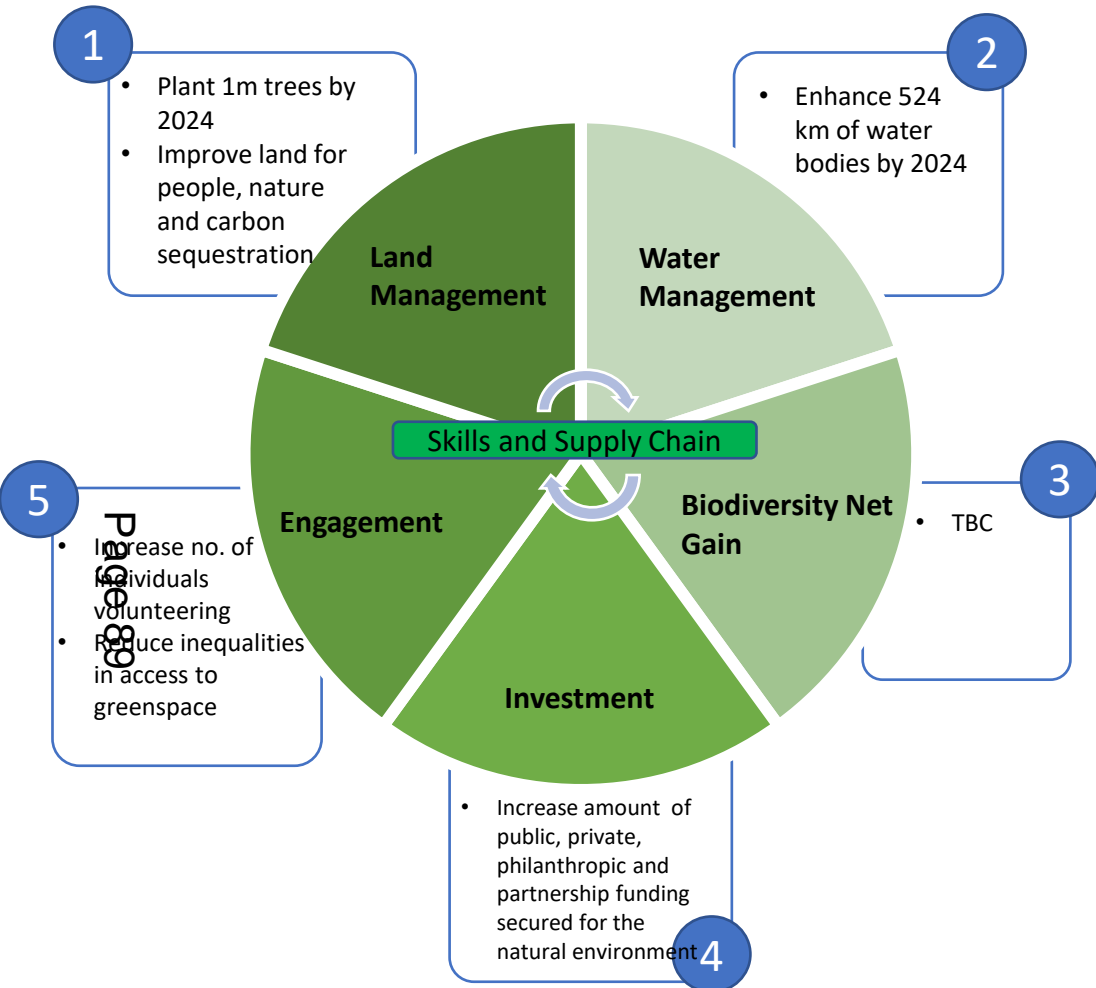


Low Carbon



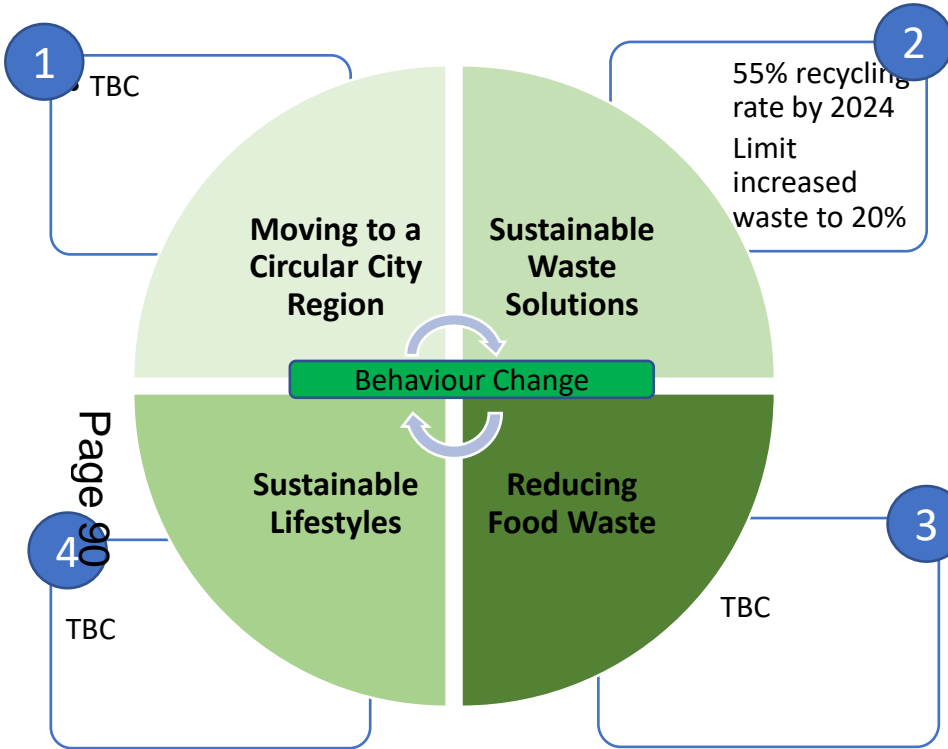
Project/Task & Finish Group	Lead	Priority	Deliverable	RAG
Your Home, Better	GMCA/Retrofit Works	1	Deliver able to pay retrofit scheme	
Retrofit Skills T&F	UoS/ Retrofit Taskforce	1	Deliver skills plan for retrofit	
Retrofit Finance T&F	GFI/Retrofit Taskforce	1	Work with the retrofit taskforce to deliver finance plan for retrofit	
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	
ECO 4	GMCA`	1	Deliver whole house retrofit to circa 600 fuel poor/low income homes	
ERDF Homes as Energy systems	Procure Plus	1	Deliver energy efficiency and technologies measures to GM homes	
People Powered Retrofit – One Stop Shop	Carbon Coop	1	Launch of offer for early adopter, owner occupier able to pay	
Public Sector Decarbonisation Scheme 3a single/multi and 3b	DoPE Group	1	Complete retrofit measures of public buildings	
Commercial buildings	Bruntwood/MCCA	1	Engage with commercial building partners to deliver retrofit programme	
Energy Innovation Agency (EIA)	Universities/Bruntwood/SSE/GMCA/Hitachi	3	Support businesses and bring new technologies to market	
Hydrogen Fuel cell	MMU/Cadent	3	Explore hydrogen fuel cell innovation	
Trafford Energy Park	Carlton Power	3	Local green hydrogen production	
Go Neutral & schools solar PV	GMCA	4	Develop pipeline to deliver 85MW of Solar PV and deliver schools solar pv offer	
Faith community energy	Diocese of Salford	4	Deliver renewable energy and decarbonisation of faith buildings	
Heat Pump Offer	Octopus	5	Heat Pump offer for households	
CDDP 4	AECOM	6	4 outline business cases to deploy decarbonised heat	

Natural Environment



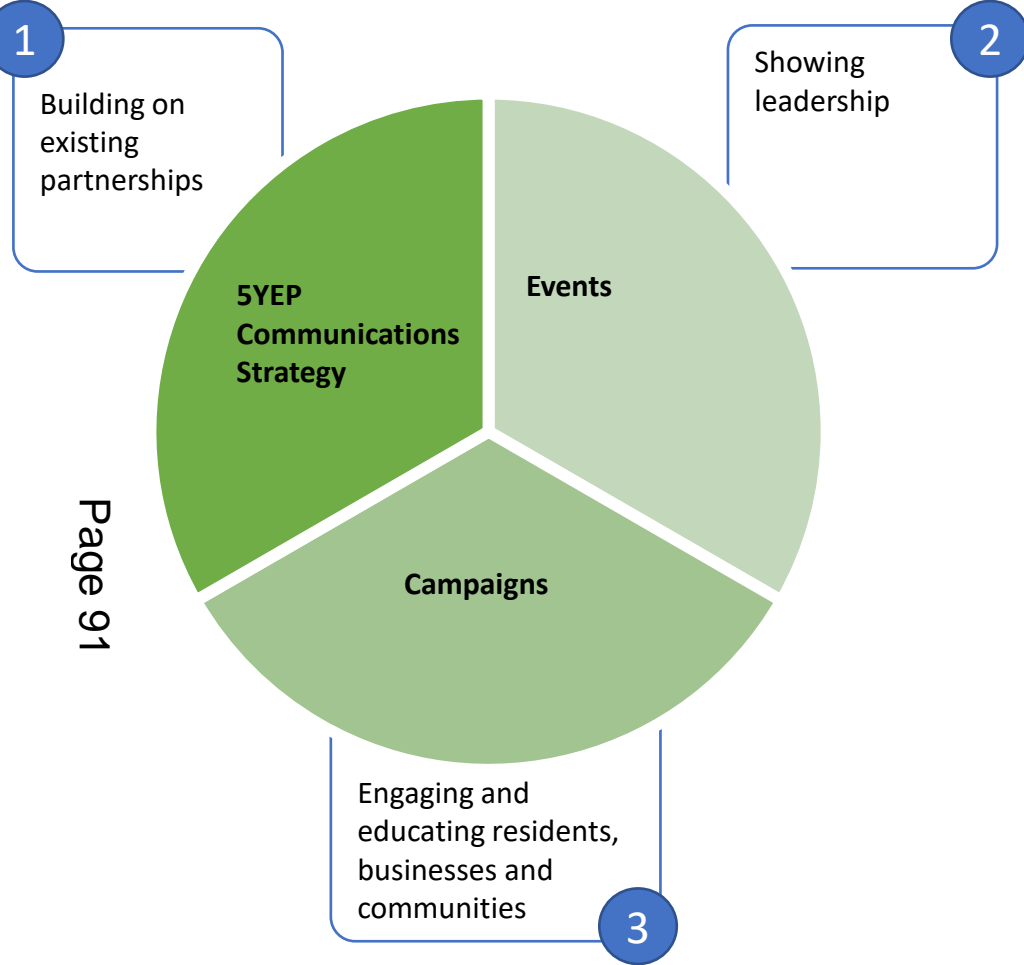
Project/ Task	Organisation	5YEP KPI	Deliverable	RAG
GM Tree and Woodland Strategy	City of Trees	1	Increased tree cover and benefits provided by them, through planting 1m trees by 2024	
Peatland restoration	Natural England	1	Re-run the state of the bog work (uplands) Re-run the peat pilot (lowlands)	
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 3	
			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	Green
Scope 3 emissions	GMCA/LAs	1	Work with LAs on scope 3 emissions plan	Green
CIRCuit: CE in the Built Environment	ReLondon	1	Deliver innovation interventions looking at circular economy in the built environment	Green
Resource/consumption mapping (textiles)	MMU	1	Support delivery of textiles sub groups - data mapping, recyclables, productions	Green
Food roadmap and strategy	GM Food Board	3	Development of food vision and toolkit	Yellow
Net Zero Business support programme	Growth Co	4	Support business net zero development	Green
R4GM	GMCA	4	Deliver waste recycling/Reduction campaigns	Green
Single Use Plastics	GMCA/LAs	4	Work with local authorities to reduce sups	Green
Behaviour Insights	GMCA/TfGM	4	Deliver behavioural insights work to inform sustainable lifestyles	Yellow
Bee Net Zero	GM LEP	4	Deliver a programme of business support	Green
Roll out programme of carbon literacy	Carbon Literacy Trust	4	Deliver carbon literacy courses	Green

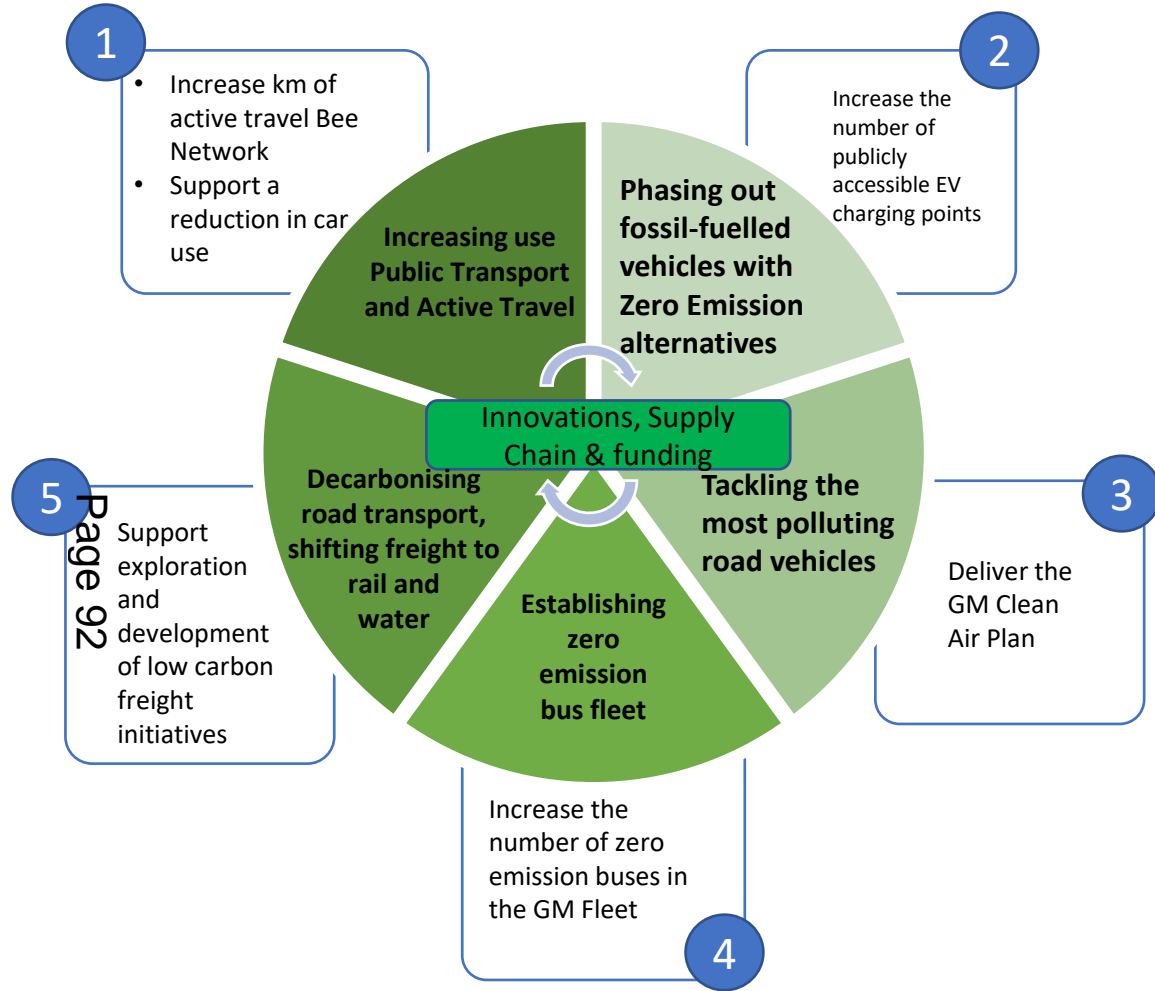
Green Communications Delivery



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Project/Task	Lead	5YEP KPI	Deliverable	RAG
5YEP KPIs	GMCA	1	Monitor progress of 5YEP	
Green Cities Website	GMCA	1	Platform to showcase 5YEP action	
Audit of social media channels	GMCA/ Challenge group partners	1	Identify gaps and create content plans	
Communications Strategy	GMCA	1	Develop narrative and communications plan for GM	
Urban Transition Mission	GMCA/UTM	1	Engage with UTM cities on knowledge sharing to support next 5YEP development	
Green Summit	GMCA	2	Showcase activities within GM	
Green Summit Survey	GMCA	2	Create survey to inform green summit and next 5YEP development	
Listening events	GMCA	2	Deliver listening events to support development of the next 5YEP	
Talent and Ambassadors	BBC	3	Engage with new and existing ambassadors to promote key messages	

Transport



Project/Task	Lead	5YEP priority/KPI	Outcome	RAG
Active Travel Bee Network	TfGM	1	To provide cycling and walking routes to get people moving	
Bike Hire Scheme	TfGM	1	Promote the use of Bikes	
E-Hubs Pilot – cargo bikes	TfGM	1	To promote the use of cargo bikes	
E-scooter trials	TfGM	1	Trial e-scooter rental	
ZEBRA funding	TfGM	2	introduction of 170 zero emission buses by 2024	
CRSTS funding	TfGM	2	A third of the bus fleet as zero carbon by 2027.	
Clean Commercial vehicle fund: HGV – replacement and retrofit	TfGM	3	Clean Air Plan funds to replace or retrofit HGV vehicles that are not Euro 6 compliant	
Clean Bus Fund: replacement and retrofit	TfGM	3	replace or retrofit buses that are not Euro 6 compliant	
Deliver the GM Clean Air Plan	TfGM	3	tackle NO2 Exceedances at the Roadside by 2026	
EV charging network to support 200k vehicles	TfGM	4	Increased number of publicly owned EV connectors in GM	
Establish how the public sector can best influence the rollout of EVC	TfGM	4	Commission Greater Manchester EVCI Study	
Pilot of Sustainable last mile activities in regional centre	TfGM	5	Support exploration and development of low carbon freight initiatives	

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Domestic Local Energy Advice **Demonstrator** Project

D-LEAD

Item 9

- £2.14m programme run via the NW Net Zero Hub
- Operates from July 2023 to March 2025
- It connects existing offers via ECO4 / GBIS / LA Flex
- Provides face to face energy efficiency advice on building fabric
- It's focus areas are:
 - Hard to reach residents
 - Hard to treat properties
 - ... *not to the exclusion of others*
- 3 Local Authorities, 2 Social enterprises, 2 private business, and a cooperative with the GMCA as accountable body
- Glide path to retrofit devolution under the post 2025 spending review



Domestic Local Energy Advice **Demonstrator** Project

D-LEAD

- Bolton Council
- Bury Council
- Wigan Council
- Groundwork Greater Manchester
 - Manchester*, Oldham, Rochdale*, Tameside
- Your Home Better (Retrofit Works & Red Coop)
 - Salford, Stockport, Trafford
- B&Q
 - Two highest footfall stores in GM
- The Growth Company

* These areas have access to Home Upgrade Grants (HUG) for off gas property retrofit

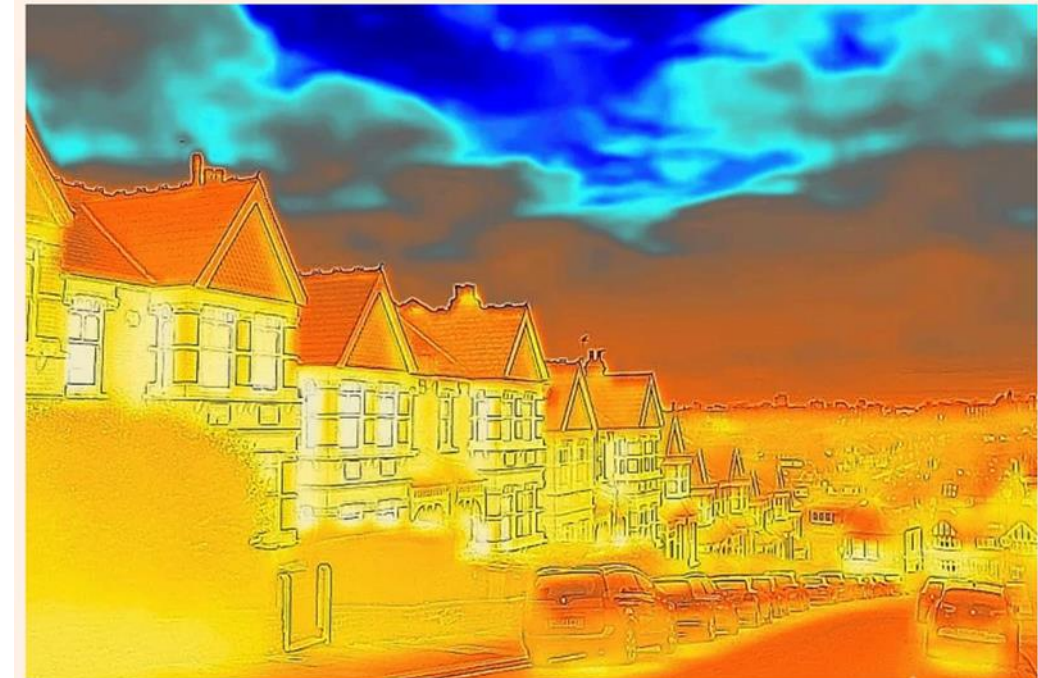
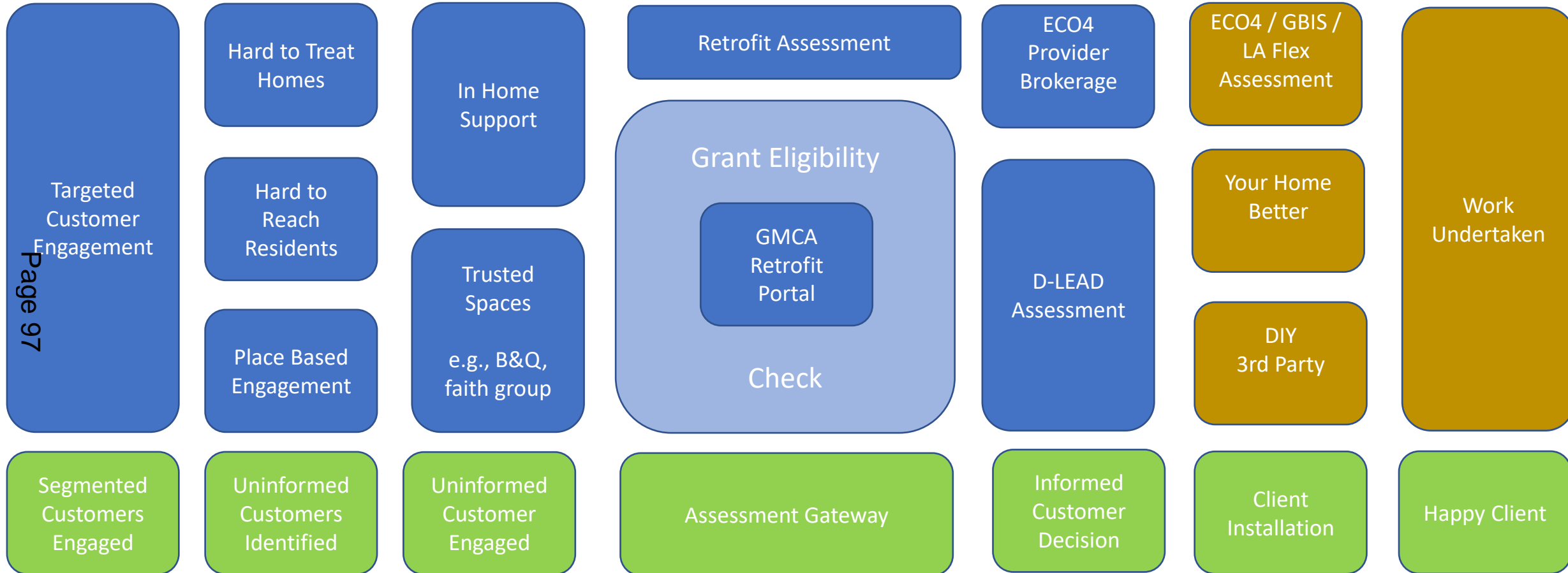


Image made with a thermal camera of a row of houses showing signs of heat loss in London © Leon Neal/Getty Images

D-LEAD: Customer Journey



Domestic Local Energy Advice **Demonstrator** Project

D-LEAD – How

- Evidence lead Engagement
 - *behavioural research driven*
- Remote engagement
 - *building on learning from Octopus HP Offer*
- Place based Engagement
 - *B&Q Stores, GP surgeries, Growth Company venues, faith buildings, community centres*
- Private Sector Landlords
- Single Gateway
 - *GMCA Retrofit Portal*
- End to End Customer Engagement
 - **Brokerage to Action**

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**GREATER
MANCHESTER**
DOING THINGS DIFFERENTLY

Domestic Local Energy Advice **Demonstrator** Project

D-LEAD Deliverables

- 100,000 residents contacted
- 25,000 provided with in person advice
- 17,000 referrals to ECO4 / GBIS / LA Flex
- 1,100 drop in sessions

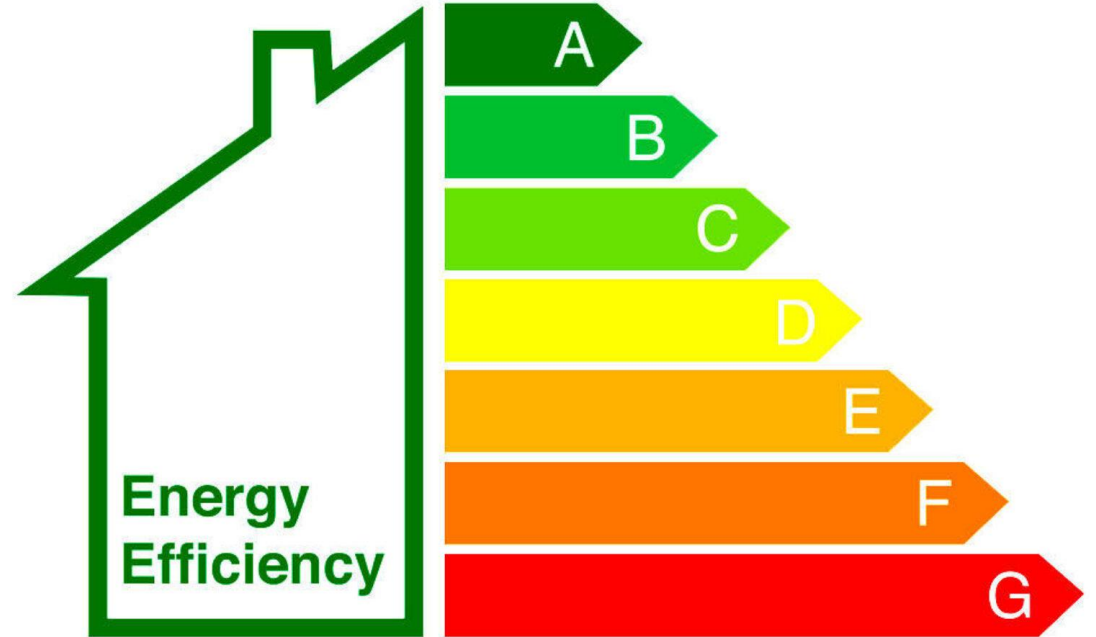
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Energy Company Obligation (ECO4)

- ECO4 provides £1bn per year from 2022-2026 through whole house retrofitting of energy efficiency and low carbon heating measures.
- Suppliers can deliver up to 50% of their obligation through Local Authority Flexible Eligibility.

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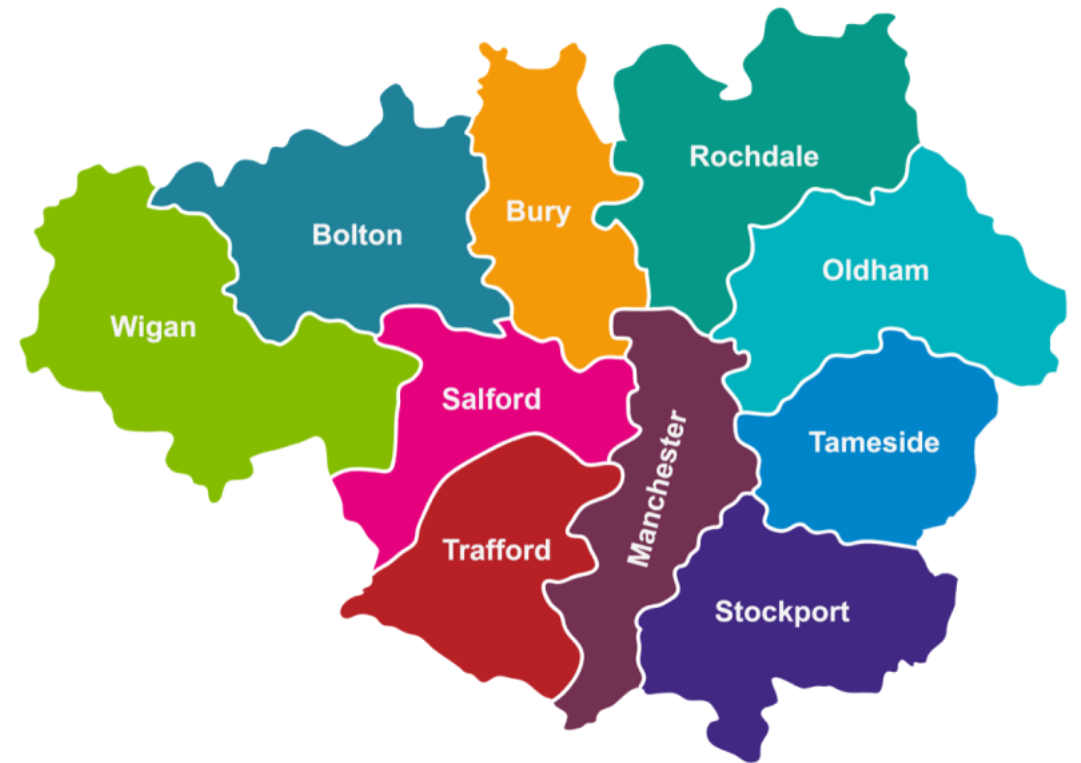


Energy Company Obligation (ECO4)

- Published a [Statement of Intent](#) detailing three LA Flexible Eligibility routes for low income and vulnerable households:
 - Route 1: Combined household gross income below £31k/year.
 - Route 2: Proxy Targeting (e.g., IMD LSOA 1-3, Council Tax Reduction, Free School Meals).
 - Route 3: NHS referrals (e.g., cardiovascular condition, respiratory disease, limited mobility, or immunosuppression).

Energy Company Obligation (ECO4)

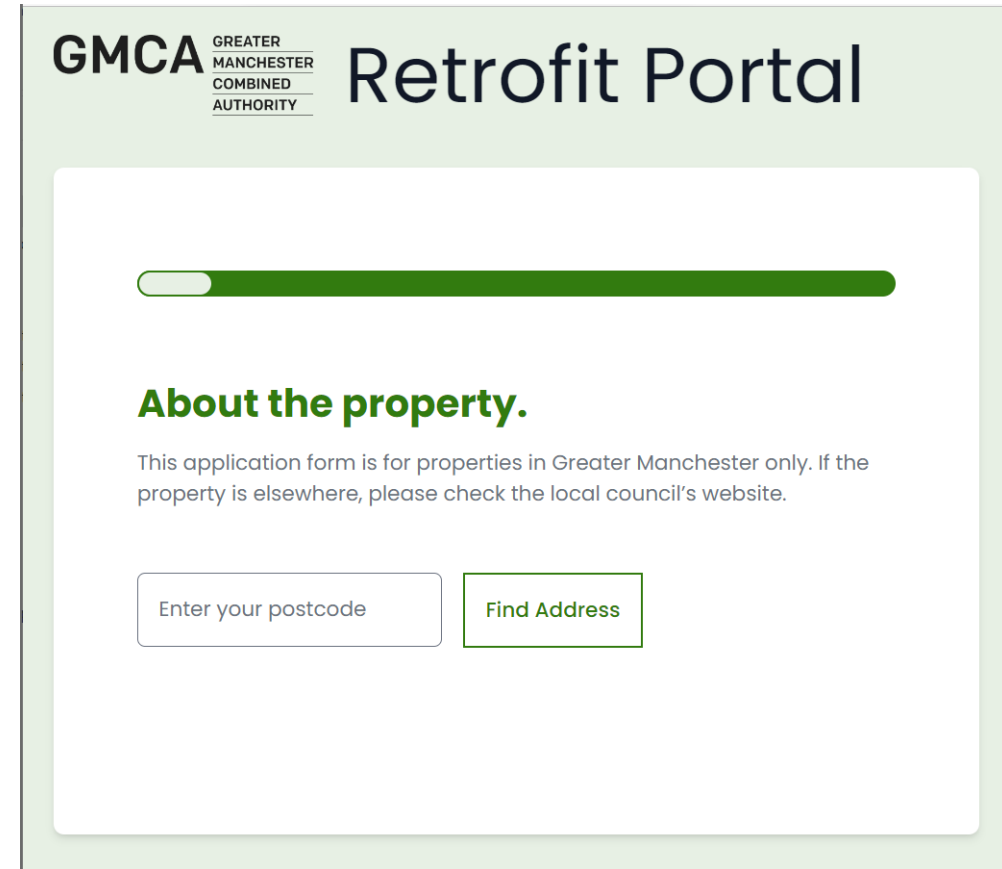
- Appointed three installers to deliver ECO4, GBIS, and LA Flex:
- [Improveasy](#) – Manchester, Stockport, Trafford.
- [Next Energy Solutions](#) – Bolton, Salford, Wigan.
- [0800 Repair](#) – Bury, Oldham, Rochdale, Tameside.



Energy Company Obligation (ECO4)

- Developed a [Retrofit Portal](#) to receive referrals from residents and partners (Districts, NHS, Citizens Advice, Energy Suppliers, etc.) including the ability to upload eligibility evidence.

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GMCA GREATER
MANCHESTER
COMBINED
AUTHORITY Retrofit Portal

About the property.

This application form is for properties in Greater Manchester only. If the property is elsewhere, please check the local council's website.

Enter your postcode

Energy Company Obligation (ECO4)

- Marketing in progress through targeted letters, leaflets, and adverts on social media and the transport network.
- Working with NHS GM Integrated Care to contact eligible patients through GP text messaging.

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NextEnergy
Your Solution to NetZero

FREE HOME UPGRADES

ECO SCHEME

ARE YOU INTERESTED? ARE YOU ELIGIBLE?

CALL US ON **0800 021 3145**

OR SIMPLY SCAN THE QR CODE ON YOUR PHONE

SEE IF YOU QUALIFY FOR 100% FREE ECO HOME UPGRADES IN UNDER 60 SECONDS!

IS YOUR EPC RATING BETWEEN D-G?

YES **NO**

0800 REPAIR

Call: 0161 883 3143
Please contact no later than (date)

What to do now

Speak to one of our team members on the above number, this is a free to use service, no costs will occur, funding is free, any measures fitted are free and yours to keep.

Funding is in high demand and allocated on a first-come first-served basis, dependant on certain criteria. If claimed, you will be able to use the free funding for a range of home improvements, such as insulation, boilers, heat pumps and solar panels.

Energy Funding Service is an organisation working in partnership with 0800 Repair helping to qualify households under the ECO4 Government Grant schemes. 0800 Repair are authorised installers for Greater Manchester Combined Authority who work with (Council Area Name) and the NHS.

GMCA GREATER MANCHESTER COMBINED AUTHORITY

Bury Council

NHS Greater Manchester Integrated Care

Energy Funding Service is a Not for Profit Organisation providing a Free UK Service helping households access Government Funding. ICO Data Protection Registrar: Z8377827.

Energy Funding Service Ltd is a company limited by guarantee. Registered in England & Wales with company number 13386298. Registered Office address: Harley Court, Buckley Road, Rochdale, CL12 9DU. For more information please contact a funding adviser, working under the Government ECO4 Scheme, helping to deliver ECO4, Local Authority Flex across the UK.

GOV ECO ENERGY GRANT REF: ECO4/GRANT2023

PAGE 1 OF 1

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GREATER MANCHESTER
DOING THINGS DIFFERENTLY

- [Your Home Better](#) offers an independent service to guide able and willing-to-pay residents through the retrofit of their home.
- 2 main offerings currently:
 - Solar+ Survey £120
 - Whole House Plan £450
- Can also take resident through full installation process, if desired.
- Full launch was in November 2022, numbers are still low and building.
 - Currently 8,000 letters sent out of 36,000 through a targeted direct mail campaign.
 - Ran a promotional campaign across Metrolink earlier this year.



Recommendations


- Note the successful award of £2.14m to deliver the Domestic Local Energy Advice Demonstrator Project.
- Note the appointment of Improveasy, Next Energy, and 0800 Repair to deliver ECO4, GBIS, and LA Flex.
- Note the availability of Your Home Better for willing to pay residents who are not eligible for grant funded schemes.
- Note the creation of the GMCA Retrofit Portal as the single point of access for all housing retrofit schemes.
- Promote the above through your networks.

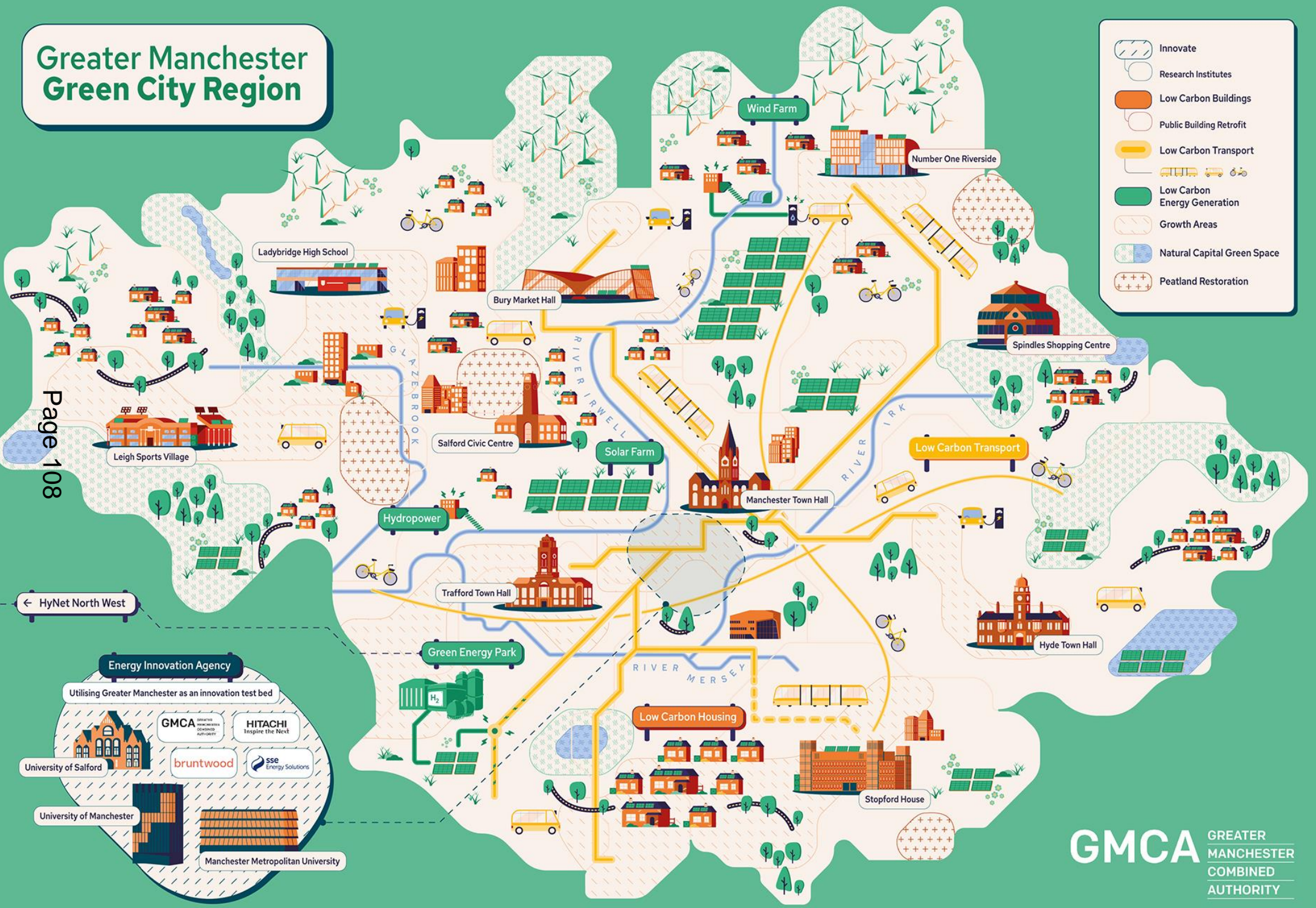
Delivering Our LAEP

Sean Owen, Head of Low Carbon, GMCA



Greater Manchester Green City Region

-  Innovate
-  Research Institutes
-  Low Carbon Buildings
-  Public Building Retrofit
-  Low Carbon Transport
-  Low Carbon Energy Generation
-  Growth Areas
-  Natural Capital Green Space
-  Peatland Restoration








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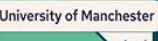
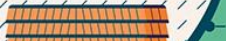
← HyNet North West

Energy Innovation Agency

Utilising Greater Manchester as an innovation test bed

Context and background

Greater Manchester (GM) has set an ambitious target of achieving net zero by 2038

Previous analysis of the Greater Manchester Local Area Energy plans demonstrates;

£64 billion

Total investment needed to achieve **net zero**

- This figure relates to the entire Greater Manchester region, but excludes vehicle transportation
- Source: Local Area Energy Plan

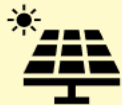
...of which £12.5 billion

is within the **influence or control of the GMCA**

- £9.5 billion capex, £3 billion O&M
- Source: EY analysis of the Local Area Energy Plan

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EY were commissioned to deliver a Strategic Outline Business Case (SOBC), setting out the strategic case for change to enable the transition to Net Zero by 2038 across energy systems in GM, delivered in three phases, across Five asset classes



Generation & Storage



Social housing retrofit



Public Sector decarbonisation



Heat networks



Electric Vehicles

Overview of EY Delivery

Phase 1 output

Data Collection, Categorise, Review and Analyse



- ✓ 10+ Datasets (inc LAEP, GMCA, Go Neutral)
- ✓ >200,000 records
- ✓ Complex Analysis

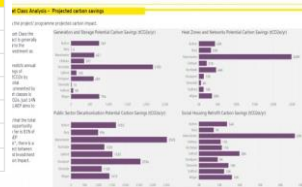
Stakeholder Engagement



- ✓ 12 Weekly Reviews
- ✓ 3 Workshops
- ✓ 3 Local Authorities
- ✓ 25+ Subject Experts
- ✓ IUK Update



	Bury	Oldham	Rochdale	Salford	Stockport	Tameside	Trafford	Wigan
Ground mounted solar	●	●	●	●	●	●	●	●
Heat saving measures	●	●	●	●	●	●	●	●
EV charging infrastructure	●	●	●	●	●	●	●	●



Strategic Outline Business Case development

Delivery Model longlisting

IMV: Investing in better cities
An approach that works for Greater Manchester

Delivery Model	Do nothing	Optimise public option	JV	Public sector	Private sector with LA/GMC A lead
Ability to scale	Red	Yellow	Green	Green	Green
Rapid deployment	Red	Yellow	Green	Green	Green
Minimal/targeted public sector costs	Red	Yellow	Green	Green	Green
Feasibility in public sector financial role: discretionary investment where highly profitable, but general preference to be of private sector	Red	Yellow	Green	Green	Green
Ability to deal with ambiguity in project definition (scope, cost, revenues, profitability, risk etc)	Red	Yellow	Green	Green	Green
Overall RAG	Red	Yellow	Green	Green	Green

Critical Success Factors

Critical success factor	Do nothing	Optimise public option	JV	Public sector	Private sector with LA/GMC A lead
Ability to scale	Red	Yellow	Green	Green	Green
Rapid deployment	Red	Yellow	Green	Green	Green
Minimal/targeted public sector costs	Red	Yellow	Green	Green	Green
Feasibility in public sector financial role: discretionary investment where highly profitable, but general preference to be of private sector	Red	Yellow	Green	Green	Green
Ability to deal with ambiguity in project definition (scope, cost, revenues, profitability, risk etc)	Red	Yellow	Green	Green	Green
Overall RAG	Red	Yellow	Green	Green	Green

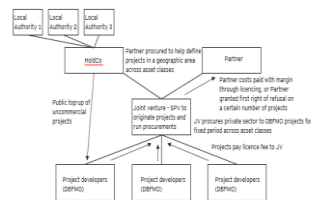
Shortlisting

Potential delivery models

- ✓ LA provides access to land and potential off-taker and earns rent from third party investor
- ✓ Third party investor/PIV owner provides investment to set up SPV to deliver project
- ✓ SPV accesses loans to install PV on land
- ✓ Energy sold to off-taker (e.g. through PPA)
- ✓ Off-taker bills generate income for SPV and investor to pay back loan
- ✓ Off-taker benefits from lower energy costs



Deployment



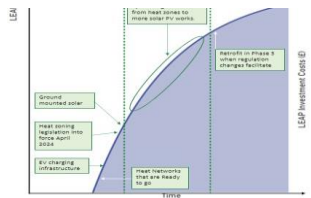
Benefit Analysis

Carbon Abatement	Avoidance of significant economic damage from not intervening on climate change. Swiss Re Institute estimates economic damage at 11% of GDP*	Quantifiable
Consumer Benefit	Cheaper consumer energy bills driven by lower input costs, increased energy efficiency of homes and savings from lower running costs of electric vehicles. Studies indicate installing a full suite of energy improvement measures could be worth up to £1,780 per annum per household, and cavity wall insulation alone could save £220**	Quantifiable
Consumer Benefit	Increased consumer choice and fostering of innovation to the benefit of purchasers in sectors such as Heat and Electric Charging	Quantifiable
Consumer Benefit	Warmer homes for residents: Adjusted life year health benefits from providing warmer homes. National Energy Action estimates the costs to the NHS from treating illnesses caused by cold homes costs around £1.3 billion every year** and frequently the social and economic costs of cold homes are borne by the most vulnerable	Quantifiable

Financial Modelling

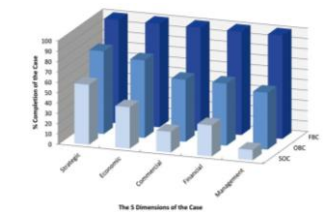
Asset Class	Technology	A Low IRR	B High IRR	C Mean IRR	D Standard Deviation
Generation and storage	Ground Mounted solar	10% of dist. below this figure	50% of dist. below this figure	(A+B)/2	(C-A)/1.25
Heat networks	Multiple Technologies	7.5%	15.0%	11.25%	3.0%
Public sector decarbonisation	Roofing solar	7.5%	15.0%	11.25%	3.0%
Social housing retrofit	Roofing solar	-4.0%	8.0%	2.00%	4.8%
	Roofing solar	7.5%	15.0%	11.25%	3.0%
	Roofing solar	-4.0%	8.0%	2.00%	4.8%

Implementation



Market Engagement

Oil Leadership	Need for central coordinating role, greater leadership, a more strategic approach and the encouragement for local jobbers at local level to up the game	Task, resources, responsibilities, etc.	Offering direct energy purchase opportunities
Public Sector Pump Priming	See how other role of public sector playing a role in 'bump priming' key interventions where not currently purely commercial. Enabling activities to kick-start investment, from making sure the early stage development work is done to demand guaranteed/development activities.	Delivery models with ground level of costs, financing of take-or-pay	Skills and learnings. Lack of scale, finance, network capacity issues
Place based approach	For some key use case interventions need for rapid building of technology in location and coordinate interventions that combined in a synergy will have greater impact and attractiveness to private sector.	Role in coordinating early stage work, ensuring the right mix of interventions	Current state of knowledge, requirements
Management and Timing of Market Engagement	All the right things when there is something meaningful to engage with and inevitable progression.	Supporting early on delivery of key interventions, engagement, financing	Procurement, engagement, infrastructure



GMCA – Investing to deliver net zero

GM has an important role to play in supporting the UK's Net Zero ambition and acting as a trailblazer to other UK cities. .

1

This is a unique opportunity at this moment in time

There is an alignment of local and central government ambition, stakeholder interest, and funding and investment opportunities now, which will all be needed to give a realistic chance of reaching net zero in GM by 2038. Regions must work collaboratively, utilising whole systems thinking to realise the net zero transformation

So far GM has secured >£160m in grant funding

2

Acceleration of the programme in GM is needed

At the current pace it is unlikely 2038 targets will be met at the current trajectory. GM is currently behind on its carbon budget target, and forecasts suggest that without intervention now, the city-region will have exhausted its carbon budget by 2024. A significant step-change is required now to give GM a meaningful chance to meet its commitment, coordination alone will not lead to Net Zero

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3

Significant investment and intervention is needed

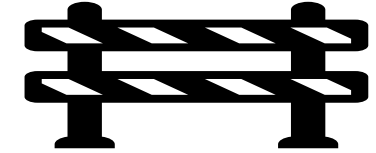
Achieving carbon neutrality by 2038 will require a **significant scale up of investment, front-loaded in the next five years by the public sector**, coupled with **major local policy interventions** to recognise not just the environmental benefits, but the economic and fiscal benefits net zero can provide.

The Public sector will need to inject capital up-front and provide confidence to the market to stimulate substantial private sector investment, creating job and skill prosperity for the region and economic and environmental improvements.

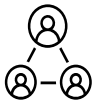


Greater Manchester has a unique advantage in addressing the challenge ahead as it has been formally awarded devolution status, enabling the Mayor to have greater autonomy over public sector spending decisions which will be controlled and managed locally. GM already has an unrivalled approach to partnership and history of convening the ten GM districts to deliver initiatives through partnership working. This set of circumstances uniquely place GM to spearhead and pioneer the net zero transformation.

The Challenge to net Zero for GM

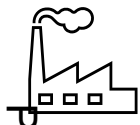


Achieving net zero is complex and inherently difficult, it involves significant change to the ways in way energy is generated, distributed and consumed. The challenge is further exacerbated by the following barriers to delivery.



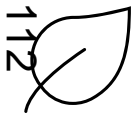
Finite resource

District budgets are already constrained, finding additional funds for net zero resources and delivery is limited. Efforts are underway in Districts to address the net zero challenge, but budget is a constraint. Finding capacity and capability to develop new commercial and delivery models is time consuming and is often competing with other equally important District and Business-as-usual priorities.



Industry maturity

Industry maturity: Net zero is a nascent industry, both in terms of the market capacity, technology and skills required to deliver. Ensuring that the workforce and supply chain have the skills capacity to deliver net zero is critical to solving the problem. Innovation is not possible as the market is not yet mature enough to disrupt or reform. The market needs confidence that there is a significant enough opportunity to invest at a scale that would generate commercial returns and enable commitment to build a resilient, skilled supply chain as a result



Asset class complexity

Each asset class has different commercial characteristics and capital requirements. To deliver the c.£12.5bn investment, a range of commercial models will be needed, some of which remain largely untested to date. There is no obvious “one size fits all” model that generates expected investor returns. The GM public sector partners have a role to play to ensure that net zero transition is fair and equitable for all residents in the city-region and to avoid cherry-picking from private investors who will also favour those projects that are commercially viable and generate a greater profit



Public sector funding

Public sector funding: Current estimations indicate that the scale of public funding required could be as much as £5bn to £10bn of the c.£12.5bn under the public sector's influence/control. In the current funding landscape, there is insufficient public money available in GM alone to meet the investment required to deliver the LAEP.



Competition for funding

Competition for funding: Due to the nature of government funding, both the Districts and GMCA are often competing to access the same funding provisions. This in turn shapes project definition as a response to funding, rather than the requirement driving the funding ask. This may be somewhat mitigated by the “Single pot” approach that GM is moving too, however there remains a significant shortfall in the level of public sector funding available needed to deliver the LAEP plans and attract commercial investment at scale. .



Risk appetite

Risk appetite: There are some successes in net zero, notably in the Nordics in heat networks for example, but limited experience in the UK at a national level. Furthermore, there have been some public failures for example Robin Hood Energy, run by Nottingham Council. Risk appetite will play a considerable role in delivery models and investors will not be inclined to take risks without guarantees or pump priming from the Public sector

Our Analysis

The GMCA has set a target of achieving net zero across the Greater Manchester ('GM') region by 2038. The scale of this challenge is expressed in the Local Area Energy Plan developed by Catapult, with the headline messages being that across GM and all asset types (excluding transport), the total investment needed to achieve net zero is £64 billion.

£64 billion

Total investment needed **to achieve net zero**

...of which £12.5 billion

is within the **influence or control of the GMCA**

...of which £5-10 billion

is **required in public sector funding in order to crowd in £2.5-7.5 billion from the private sector**

Source: EY analysis based on the Local Area Energy Plan and publicly available figures on typical project IRRs for each asset class, discounted to account for the likely fall in commerciality given the scale of infrastructure optimized against net zero objectives (rather than commercial returns)

- This figure relates to the entire Greater Manchester region, but excludes vehicle transportation
- Source: Local Area Energy Plan

- £9.5 billion capex, £3 billion O&M
- Source: EY analysis of the Local Area Energy Plan

- Based on a subsidy top-up model, our indicative analysis suggests a significant investment from the public sector will be needed to enhance the commercial performance of many of the assets associated with the net zero transition
- The capex investment needs to be made in the next 5 years to “pump prime” the transformation and provide confidence (through funding and possible other measures such as guarantees) to the market and encourage investment by the private sector to realise economic, skills and job creation
- Without significant investment at pace, the net zero target will not be met
- Wherever projects are commercial, no subsidy is needed but there remains a critical role for the public sector
- Public sector investment is also needed to incentivize the private sector contribution to the remaining £51.5 private sector investment that LAEP outlines, and the CA will have an enabling role to attract this investment to GM

Summary messages from each Case

STRATEGIC CASE

- ▶ **Compelling case for change regarding Net Zero investment to meet 2038 target** using LAEP as basis
- ▶ GM's track record through devolution demonstrates ability to deliver and make use of devolution

ECONOMIC CASE

- ▶ Range of options over extent of LAEP that GMCA focuses on delivering
- ▶ **£12.5bn focus captures asset classes under direct control or significant influence**
- ▶ Summarises key benefits (including Wider Economic Benefits) and risks

COMMERCIAL CASE

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- ▶ **A single GM wide delivery solution is not the right model-** the scale, range and differential progress across GM mean that having a single delivery solution and partner would fail to adequately meet GM's needs and offer the best value
- ▶ There will be a range of commercial models – a matrix approach focusing on a combination of place and assets classes
- ▶ Initial Commercial structures developed that allow roles for development vs delivery/financing
- ▶ Public top-up is preferred to maximise the private sector funding of the £12.5b LAEP against the public funding needed.

FINANCIAL CASE

- ▶ In line with the models set out in the Commercial Case, we expect funding for these projects to come from public and private sector sources, for which **public funding requirements could be between £5bn to 10bn, in order to crowd in £2.5 – £7.5bn from the private sector**
- ▶ We have illustrated the range of public sector funding requirements by considering a normal distribution of project profitability outcomes against a set of target IRRs sourced from recent deals EY has advised on

MANAGEMENT CASE

- ▶ **GM to take a lead role for coordination, governance, monitoring and assurance of delivery**, collaborating initially with **Districts** on their priority projects to efficiently progress net zero plans in a coordinated manner
- ▶ **Significant resource** is expected to be needed, in different phases, to coordinate activity across a portfolio of programmes and projects. The role of the CA is expected to flex over time with front-loading expected to mobilise effort.
- ▶ A range of revenue costs also requires consideration in a programme of this size and scale. Typically, revenue costs on complex programmes can range from 3– 7%. In pathfinding programmes in particular, the revenue costs must include considerations of the requirements for; professional services, external legal support, project management and governance, technical support and advisors for example, feasibility and in this instance project pipeline design and definition over a successive number of years.

Market Engagement

Demonstrating overall deliverability is critical in giving confidence net zero in GM is real

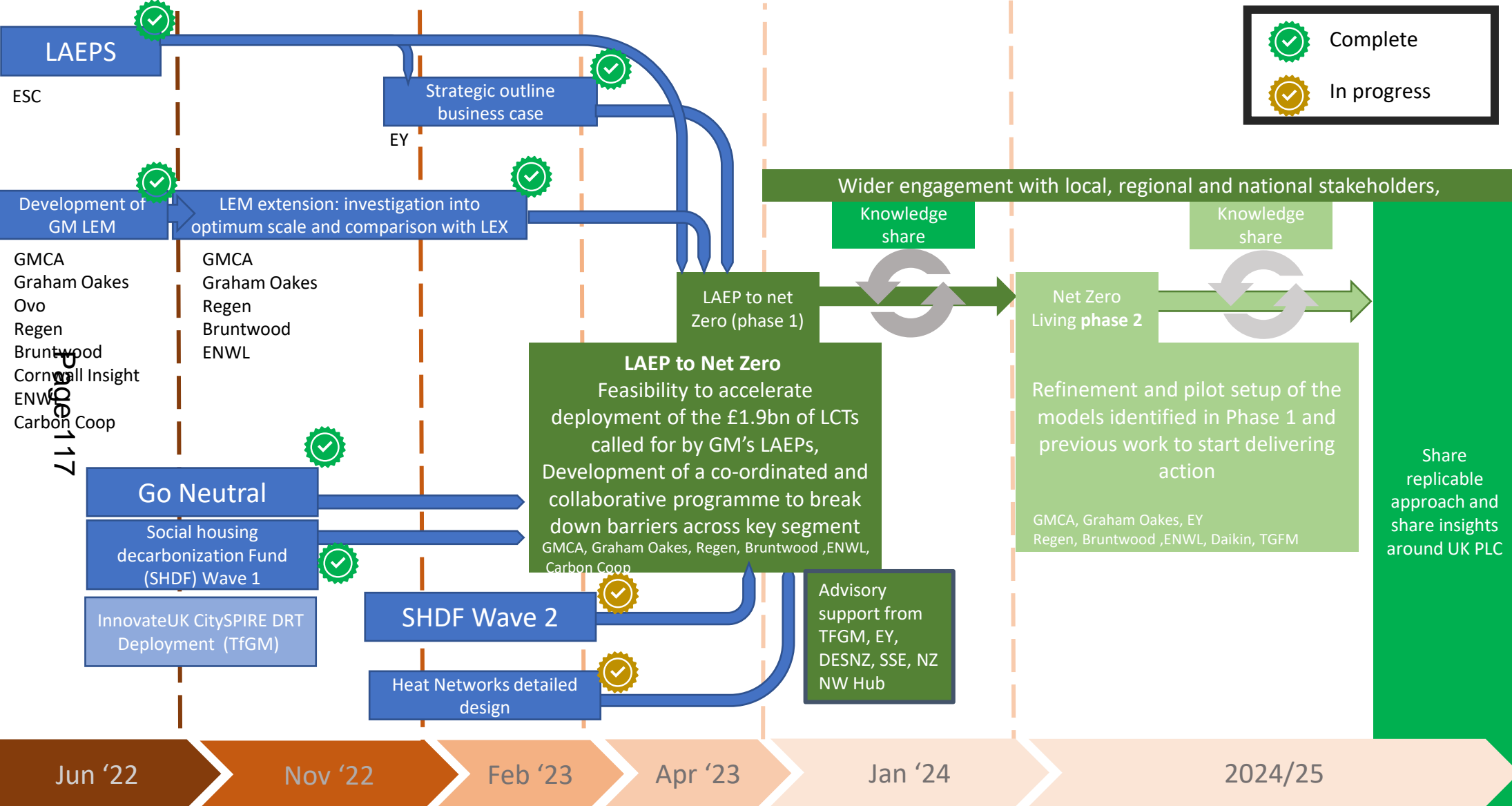
		Enablers	Barrier
GM Leadership Role	<ul style="list-style-type: none"> ▶ Market identified need for central coordinating role, greater leadership, a more strategic approach and the encouragement for use of policy/levers at a local level to up the urgency 	Scale, consistency, Confidence in CA	Differing District capacity; piecemeal opportunities
Public Sector 'Pump Priming'	<ul style="list-style-type: none"> ▶ See one vital role of public sector playing a role in 'pump priming' key interventions were not currently purely commercial ▶ Enabling activities to help unlock investment, from making sure the early-stage development work is done to demand guarantees/enablers activities. 	Certainty of public sector demand Better understanding of future demand	Skills and supply chain Lack of visible pipeline Network capacity issues
Place based approach in addition to exclusive assets focus	<ul style="list-style-type: none"> ▶ For some key net zero interventions need to avoid looking at technology in isolation and coordinate technologies that combined in a geography will have greater impact and attractiveness to private sector. 	Role in coordinating, policy opportunities (e.g., planning) to drive right behaviours	Current lack of incentives/ requirements
Management and Timing of Market Engagement	<ul style="list-style-type: none"> ▶ At the right stage when there is something meaningful to engage with and investable proposition. 	Sufficient clarity on pipeline and approach to make engagement meaningful	Uncoordinated engagement from across Districts

Next Steps

- **July 23:** Combined Approval is being sought to further develop the opportunity presented from strategic case through to collaborative delivery
- **September 23:** Submission into Innovate UK Net Zero Pathfinder Phase 2, to support regional, district and neighbourhood approaches
- **Autumn 23:** Subject to CA approval, commence procurement to engage stakeholders, develop the different thematic areas / cases, to understand the relevant mix, model and or scale.
- **February 24:** Subject to a successful Innovate UK submission commence wider development

Our Journey to Date and Proposed Going Forward

The LAEP to Net Zero phase 1 project ecosystem: builds from existing programs and will accelerate future delivery



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Recommendations

Members are requested to:

1. Note the proposed approach to delivering the outcomes from the GM Local Area Energy Plan.
2. Endorse the investigation and development of outline business cases to accelerate inward investment and delivery.
3. Endorse the development of regional delivery structure, operating model and required capacity.
4. Endorse the need for additional dedicated resource to support development of new commercial and finance solutions.
5. Endorse GMCA submitting and acting as the accountable body for a circa £5m bid to Innovate UK Net Zero Living: Pathfinder Places, to support delivery of the above.

TfN's Strategic Transport Plan

Item 11

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The new Strategic Transport Plan 2 (STP)

The STP is our opportunity to speak with one voice on behalf of the north by providing statutory advice on **our strategic transport priorities** to **ensure a transport network fit for the future.**

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sets out the unique opportunities and challenges facing the North's economy, people and communities, **showing how transport investment can enable regional economic growth, support decarbonisation and reduce social exclusion.**

It is **pan-regional and place-based**, focusing on common issues and providing the strategic 'case for change' for our local partners (LTAs/MCAs) and national delivery bodies to prepare and prioritise their plans.

Signals the **strategic investment needed** by public and private sector partners, and is clear about the need for **further devolution and system reform** – but agnostic about how that is delivered.



5 principles of our plan

- Evidence led:**
Grounded in robust evidence
- User centric:**
Recognising people and businesses have different needs
- Outcome-focused:**
Being clear on the outcomes needed to achieve our vision.
- Place based:**
Recognising unique and diverse geography of the North.
- Systems approach:**
An innovative and collaborative approach to implementations.



Building the new STP

Three core "strategies"



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Three "mode specific reports" and the Future Travel Scenarios



Policy positions and evidence base



Our vision

By 2050 the North of England will have become a thriving, socially inclusive region. Our communities, businesses and places will all benefit from sustainable economic growth, improved health and wellbeing, and access to opportunities for all. This will be achieved through a transformed zero emission, integrated, safe and sustainable transport system, that will enhance connectivity, resilience, and journey times for all users.

Strategic Ambitions

Transforming economic performance

£118bn more GVA by 2050

Decarbonisation of surface transport

Near zero by 2045

Enhancing social inclusion and health

1 million people fewer at risk of TRSE by 2050

Supporting metrics

Reliability

Access to jobs

Rail Freight

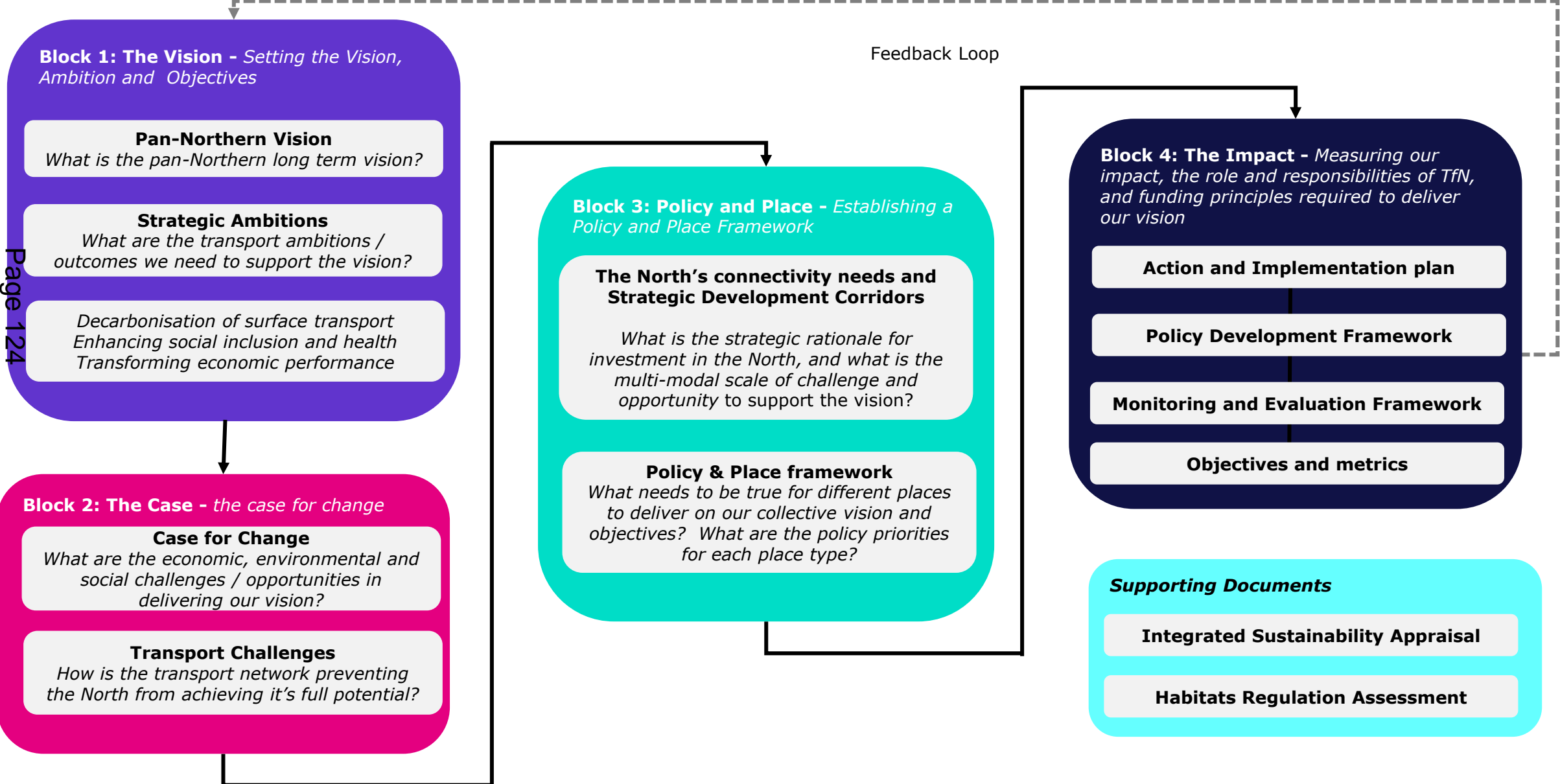
Road Safety

Access to stations

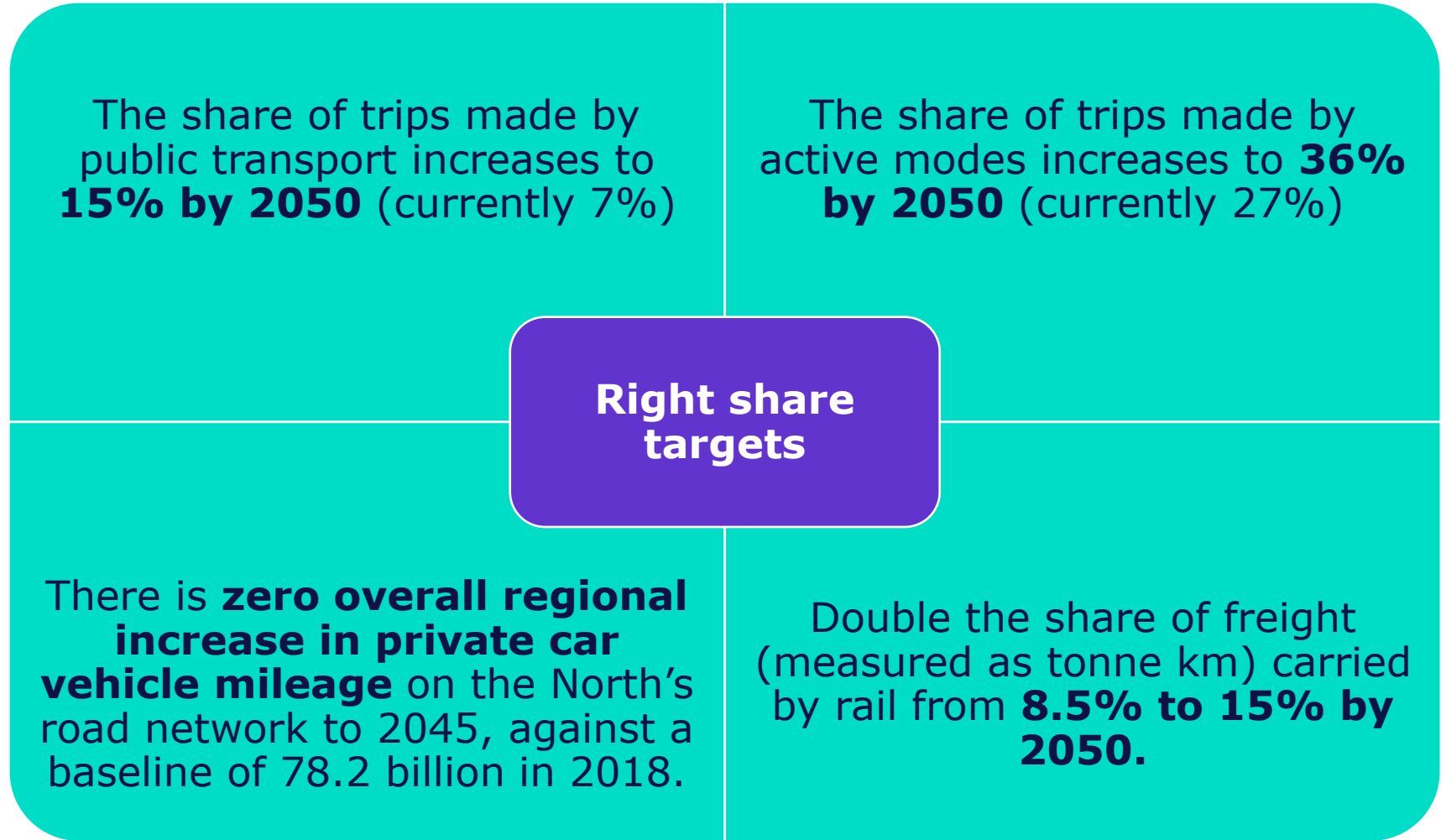
“Right share”

Air quality

Our plan at a glance



An outcome focused plan



Strategic Transport Priorities



Rail Investment

Developing new capacity (NPR in full, HS2, TPR upgrade); 7-day railway, greater reliability, improved fares and ticketing; freight capacity



Sustainable Roads

Resilience, safety, targeted investment where needed, enabling modal shift



Decarbonisation

Greater use of public transport and active travel, alternative fuels and transport, EVCI roll-out, improving biodiversity, rail electrification



Enhancing Social Inclusion and Health

Reduce by 1million the number of people in the North at risk of transport related social exclusion by improving safety and accessibility, enabling connectivity for all (e.g. station accessibility) and improvements to public transport.

Tools and Frameworks



Strategic Development Corridors

Multimodal economic ecosystems that can maximise benefits of new investment.



Policy and Place Framework

Application of the STP to develop policies for different types of places and people



Monitoring and Evaluation (M&E) strategy

Core and supplementary metrics that monitor the effectiveness of the STP and make the case for investment

5 changes required

Increase total investment infrastructure

Holistic 'whole journey' approach

Clarity & flexibility of funding

Continue & extend devolution

Need to work together



ISA & HRA

The ISA has been prepared to meet National and European legislation requirements, with a bespoke ISA Framework to assess the plan.

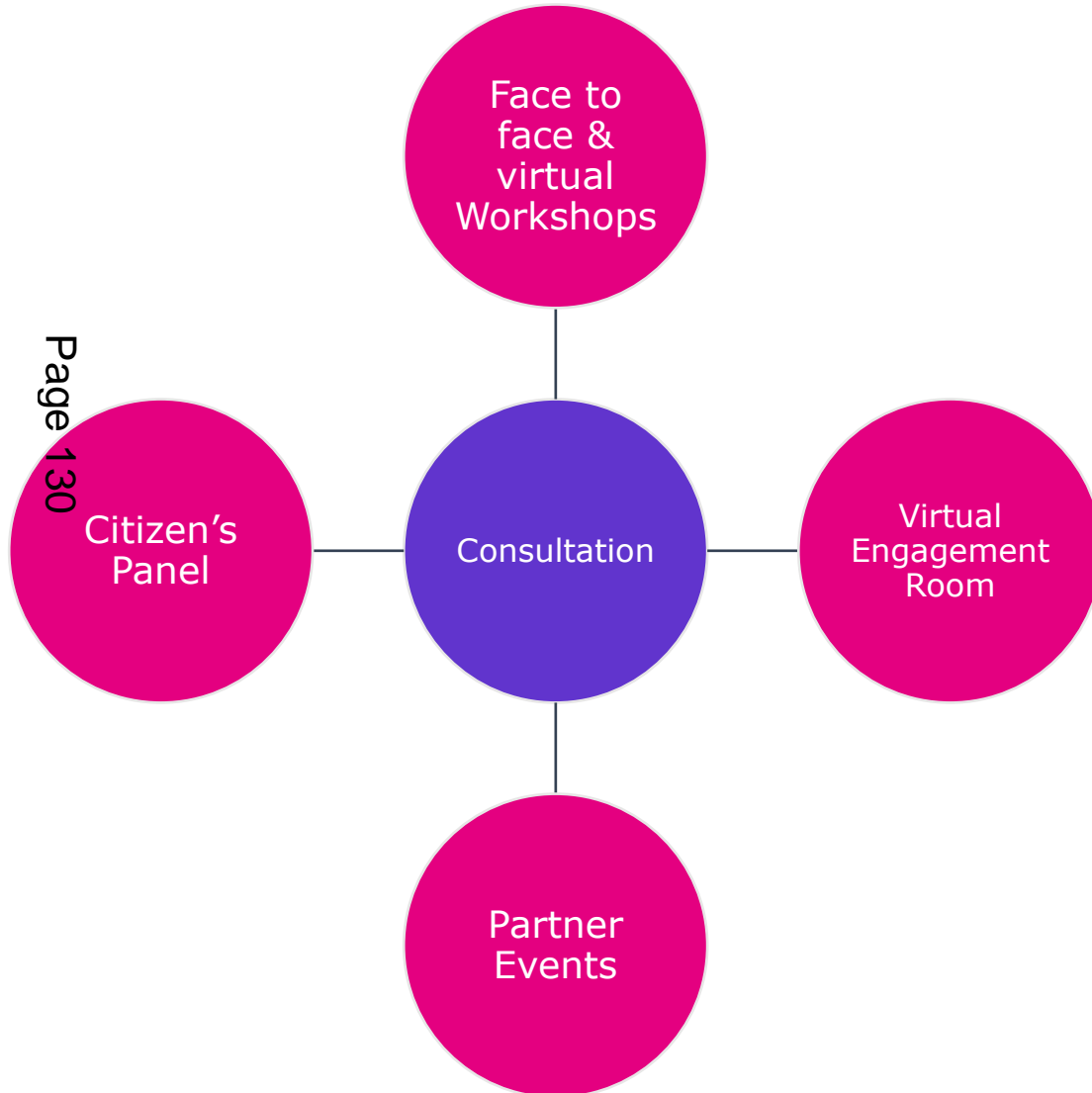
- The STP performed well by reducing greenhouse gas emissions and protecting local air quality; enhancing long term economic prosperity; and promoting inclusive and safe environments for all.

The assessment found uncertainty relating to avoiding land contamination, enhancing the blue infrastructure network and cultural heritage impacts.

- Due to the high-level nature of the STP, The HRA found that it is not possible to rule in, or out, potential impacts on designated European sites within the plan area of the STP. When further detail on individual plans or projects are brought forward, these will be assessed further through the HRA process.



What is the consultation?



The public consultation for the STP and the ISA is a process that we are undertaking to seek and gather feedback, opinions and suggestions from the public and stakeholders, before its publication.

This consultation will run for 12-weeks and is a statutory requirement.

The consultation aims to:

- Seek views on the draft strategy and seek feedback on areas for improvement before adoption.
- Raise awareness of TfN, our mission and reinvigorate support for organisation.




Please, leave your comments in our Virtual Engage Room at: tfn-stp.virtual-engage.com

Do you have more feedback on the STP?

You can respond to the consultation on the virtual engagement room or through the free post below.

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The consultation will run for 12 weeks from 25 May to 17 August.

-  Link (tfn-stp.virtual-engage.com)
-  Freepost information (TfN STP)
-  Other contact information
(stp@transportfornorth.com)



Thank You

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Peter Cole

Head of Decarbonisation

peter.cole@transportforthenorth.com

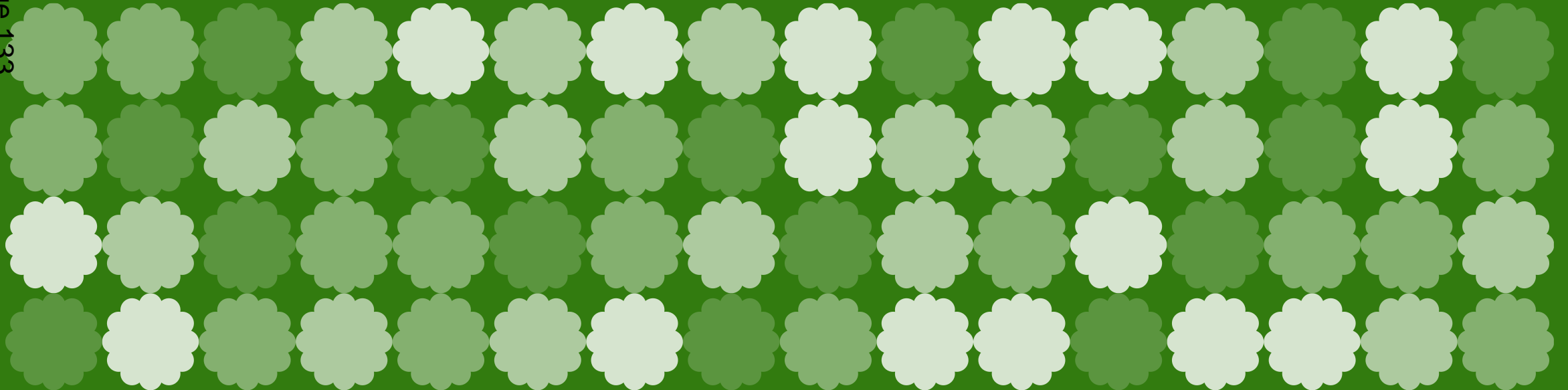
Direct Line: 0161 250 2217



Green Summit 2023

Update – July 2023

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Agenda Item 12

Progress – July 2023

AIM: to deliver a dynamic event which reflects on action from previous 4 years and sets the platform to discuss expectations for the next Five Year Environment Plan for Greater Manchester 2024 - 2029. All sessions to provide attendees with take-home actions.

- DATE: Monday 2nd October, The Lowry, Salford Quays. Whole venue booked for all day
- Sponsors: Benefits package complete with funding increase reflecting event sector price rises. Previous Headline Sponsors and Partners Sponsors now received priority ‘first-sight’ of package and opportunity to sign-up
- Target Audience: General Admission
- Working with Communications and Engagement Team to promote pre-summit listening events, Green Summit attendance and related messaging on positive sustainable behaviour change messages
- Young people to be included and to play a key role across all seminars, plenaries and workshops

The Green Summit programme (in brief)

- Registration from 8:45am, event close by 16:20pm followed by sponsored drinks reception @ 16:30 to 18:30pm
- Day commences with main plenary in Lyric Auditorium hosted by the Mayor
- Main plenary sessions and activity in the Lyric to be livestreamed, Slido for online engagement throughout the day to ensure audience feels included and part of ongoing plans
- Ensure all 5YEP themes covered by workshops within six rooms across venue:
 - Natural Environment – Hosting separate space for Natural Capital Group Annual Conference for half day [TBC]
 - Transport
 - Low Carbon (Energy & Buildings)
 - Sustainable Consumption and Production
 - Resilience and adaptation to climate change – to be included in all of above themes
- Morning sessions: to reflect on positive action and challenges from previous four years and expectations for the next 5 year plan
- Afternoon sessions: Sessions to demonstrate work from challenge groups, listening events, behaviour insight work and best practice from global cities.
- All workshops and seminars to be hosted throughout the venue focused on 5YEP priorities and gaps in knowledge
- Media announcements throughout the day, via social channels and sessions

Proposed Green Summit 2023 Timings

From	To	
7:30	9:30	Sponsored Breakfast Event – Compass Room
8:30	9:30	General Admission Registration & Exhibition Networking
9:45	11:00	Mayor opening of the Green Summit and Setting the Scene - LYRIC AUDITORIUM
11:00	11:15	Break
11:15	12:00	Workshop session 1 (45 mins) – Reflection on current 5YEP and expectations for next 5YEP
12:00	13:00	Lunch
13:00	13:45	Workshop session 2 (45 mins) – Key challenges/solutions – Doing things differently?
13:45	14:00	Break
14:00	15:20	Mayor’s 2nd Plenary Session with GM Green City Lead - LYRIC AUDITORIUM
15:25	16:20	Workshop session 3 (45 mins) – Drop in sessions/Doing the right thing
16:30	18:30	Sponsored Drinks Reception / networking

Overview of the Day

Start	Finish	Session theme	Lyric	Mini Theatre	Compass	Hexagon	Pier 8	Studios
7:30	9:30				Breakfast event?			
8:30	9:30	Registration						
9:45	10:20		Mayor's Opening Session					
10:20	11:00		Env. Portfolio & Challenge Group Chairs					
11:00	11:15	Break / Travel						
11:15	12:00	Workshop 1: Reflection on Current 5YEP		YCA	NCG/natural Env.	Transport	SCP	Low Carbon
12:00	13:00	Lunch						
13:00	14:00	Workshop 2: Doing things differently		Ted talks x 3 Dame Sarah Story? Dale Vince? Food/Chef?	NCG/natural Env.	Circular Economy	Bee Net Zero	Green Skills
14:00	14:15	Break / travel						
14:15	15:00		Mayor & Sponsors (Question Time)					
15:00	15:20		Mayor's Embracing the Future Session					
15:25	16:20	Workshops or drop in sessions? Doing the right thing?	Bespoke session	Culture Event?	Integrated Water Management Plan	Bespoke session	Bespoke session	Bespoke session – Retrofit?
16:30	18:30	Drinks Reception						

Recommendations

- To note the progress of the Green Summit 2023
- To provide feedback on the proposed agenda and content



Greater Manchester Green City Region Partnership

Date: 21 July 2023

Subject: Greater Manchester Local Nature Recovery Strategy

Report of: Sam Evans, Head of Natural Environment, GMCA

PURPOSE OF REPORT:

To provide members of the Green City Region Partnership with a briefing on the forthcoming GM Local Nature Recovery Strategy (GM LNRS).

RECOMMENDATIONS:

The Green City Region Partnership is asked to:

- a. Note the requirement for GM to produce an LNRS and what it needs to contain (sections 2 and 3).
- b. Note the governance arrangements being put in place to develop the GM LNRS in a collaborative way (section 4).
- c. Note the proposed timeline for developing the GM LNRS (section 5).
- d. Note the proposed approach and process for signing off the GM LNRS at the consultation and final strategy stages (section 6).

CONTACT OFFICER:

Sam Evans – Head of Natural Environment

1. BACKGROUND: LOCAL NATURE RECOVERY STRATEGIES

- 1.1 Nature and biodiversity are in decline across England. Locally, and in recognition of this, the GMCA declared a biodiversity emergency in March 2022.
- 1.2 Nationally, the government introduced legislation under the Environment Act 2021 to put in place measures to support the reversal of this decline. This includes a new mandatory requirement for local areas in England to develop a spatial strategy for nature recovery, referred to as [Local Nature Recovery Strategies](#). These strategies will show where and how we should be taking action for nature and provide wider benefits.
- 1.3 Defra decides the area that each strategy covers and appoints a 'responsible authority' to lead its preparation. There will be 48 in total across England - collectively forming a National Nature Recovery Network.
- 1.4 In March 2023, the Mayor of GM was provisionally identified by the Secretary of State for Defra (Environment, Food and Rural Affairs) as the authority to be responsible for the preparation of a LNRS for GM. The Mayor accepted this provisional appointment at the GMCA meeting held on 24th March.
- 1.5 Statutory regulations and guidance for the preparation of Local Nature Recovery Strategies by Responsible Authorities have since been published by Defra, under the Environment Act.
- 1.6 The Environment Act sets out that Local Planning Authorities will need to have regard to the LNRS in local planning policy and decisions. The statutory guidance sets out that the government intends for LNRS to inform the local planning process. Local planning authorities must have regard to them in complying with the [strengthened biodiversity duty](#) introduced in the Environment Act. The government will provide separate guidance to explain what this means in practice and has previously stated that LNRS will not be a barrier to development nor will it introduce new/different designations.
- 1.7 The statutory regulations set out the steps responsible authorities must take in the preparation of the GM LNRS. The regulations state that the responsible authority must

take reasonable steps to involve all supporting authorities (for GM, this is the 10 GMCA metropolitan district councils, Natural England and Peak District National Park Authority) and consenting authorities (Forestry Commission and the Environment Agency), and such persons and organisations as appear to the responsible authority to be appropriate in the preparation of its local nature recovery strategy.

1.8 The regulations also set out that the responsible authority must undertake a public consultation on its LNRS and publish all responses to the consultation.

1.9 We will need to report on progress on the GM LNRS every 3-10 years and as part of an enhanced biodiversity duty introduced by the Environment Act.

2. CONTENT REQUIRED OF THE STRATEGY

2.1 As mandated by the Environment Act, GMCA officers, working with the 10 local authorities and wider stakeholders, will produce a plan for producing a Greater Manchester LNRS on behalf of the Mayor.

2.2 The preparation of the GM LNRS is an opportunity to set out a long-term vision not just for nature recovery but for access to green space alongside the growth of the city-region. GMCA are commissioning technical expert support to advise on how we can best align local nature recovery and growth, using the Timperley Wedge allocation as a case study and working with Trafford Council.

2.3 In producing a LNRS, responsible authorities must identify areas that are or could be of biodiversity importance, or where recovery or enhancement of biodiversity could be beneficial.

2.4 In preparing the strategy, to meet the requirements of the Environment Act and the statutory regs and guidance the current minimum outline for the strategy is as follows:

- Set out a vision, targets and principles for nature recovery in GM
- Set out the state of nature in GM and describe the strategy area
- Set out our priorities and measures for nature recovery (statement of biodiversity priorities)

- Map our ‘core network’ areas of particular importance for biodiversity (as set out in the statutory guidance)
- Identify and map priority ‘opportunity areas’ for nature recovery (e.g. proposed areas to expand, connect and restore habitats)
- Map where action has been taken for nature recover
- Set out how the strategy will be monitored

3. PREPARATION OF THE STRATEGY

3.1 To work with partners and Local Authorities in the preparation of the strategy, as required by the statutory regulations and guidance, the GMCA are proposing the following governance arrangements.

3.2 The development of the strategy (as set out in 3.3) will be informed by two groups working under the direction of the Greater Manchester Natural Capital Group (GM’s Local Nature Partnership):

- A dedicated steering group for the strategy to engage key partners (listed in annex 1).
- A GM Local Authority Officers group, consisting of representative from the GM LA Nature Recovery Officers Group (planning policy officers from across the 10 districts) and the GM Parks Network (Parks/green estate officers from across the 10 districts). Council officers attending this groups are expected to engage/provide a direct link into with their Heads of Planning/Heads of Services and others within their LA on the GM LNRS.

3.3 Once the strategy and accompanying maps have been drafted these would then be circulated to the groups listed below for approval prior to public consultation (as shown in Annex 2):

- GM Directors of Place
- Planning and Housing Commission
- Green City Region Partnership

- Green City Region Board
- the Mayor
- the GMCA

3.4 Revisions and publication of responses to the public consultation would then be made prior to recirculation of a final version of the strategy to the groups listed in 4.3 for sign-off

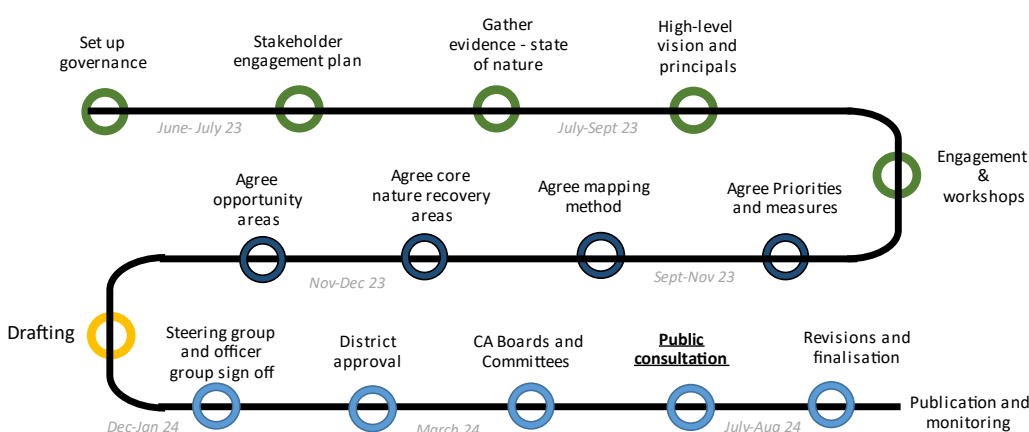
3.5 A Taskforce for Nature will be set up to promote the strategy with senior leaders and extend awareness and reach of the strategy, but would not be part of the formal governance or sign-off of the strategy.

3.6 It is anticipated that a final strategy will then be put to the Mayor for approval, endorsement by GMCA and publication in late 2024. The strategy will be developed in line with and be reflected within the next 5 Year Environment Plan.

4. PREPARATION OF THE GM LNRS

4.1 The following outline timeline is currently being followed for the preparation of the strategy.

Draft timeline



4.2 The regulations implementing the LNRS prescribe the following from local authorities:

- Agreeing to the consultation draft, within 28 days of being provided with it.
- Agreeing to the final strategy, within 28 days of being provided with it.

4.3 Neither the regulations nor guidance prescribe at what level this agreement should be sought or provided by a local authority – it is left to their discretion.

4.4 Given the collaborative approach proposed to developing the strategy, the governance arrangements being put in place, the close working relationships between the GMCA and districts in this area and the process for approving similar GM strategies, it is proposed that:

- Drafts of both the consultation and final strategy are developed iteratively within the governance arrangements set out above.
- The consultation draft and final strategy are formally sent to the local authorities 28 days before a nominated GMCA meeting.
- Local authorities can respond in writing with any formal objections within 28 days.
- These are both approved by the GM local authorities at that nominated GMCA meeting. Proposed dates for sign off will be provided by Autumn 2023.

5. RECOMMENDATIONS

5.1 Recommendations are set out on page 1.

Annex 1 Members of the GM LNRS steering group

- The Environment Agency
- Transport for Greater Manchester
- United Utilities
- The Forestry Commission
- NHS Manchester Foundation Trust
- National Farming Union
- Southway Housing Trust
- GM Local Authority Officer Representative – Wigan Council
- The National Trust
- Groundwork
- City of Trees
- Royal Horticultural Society
- Canal and Rivers Trust
- The Lancashire Wildlife Trust
- Mersey Rivers Trust
- Irwell Catchment Partnership
- Greater Manchester Ecology Unit
- Natural England
- Taylor Wimpey (Developer Representative)
- The Peak District National Park
- Environment (Environmental Professional Bodies Representative)

Annex 2 Overarching governance of the GM LNRS

