



Greater Manchester Green City Region Partnership

Date: 17 October 2024

Subject: Quarter 2 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 second quarter of 2024/25 (Jul – Sep 2024) and key milestones for the third quarter (Oct – Dec 2024).

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:

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1. OVERVIEW OF PROGRESS

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

1.1 Energy

- DEEP Phase 3 (Heat and Energy Network Opportunity Areas) – Oldham is progressing with commercialisation phase. Bolton is progressing with procurement (planned for Q3). Stockport secured Green Heat Network Fund (GHNF) commercialisation funding. Stockport and Trafford have both submitted applications to GHNF Round 8 (capital funding only for Stockport), decision pending and expected early Oct '24. Stockport and Trafford work on Detail Project Design (DPD) and Outline Business Case (OBC) is concluding & awaiting sign off. Rochdale has appointed a consultant who is underway with DPD, aiming for Round 9 GHNF; expected early '25. Bury has appointed a consultant who is underway with a feasibility study. Engagement with five other districts is ongoing to support pipeline development activity. Manchester City Council (MCC) submitted application for Heat Networks Delivery Unit (HNDU) Heat Network (HN) feasibility funding. Wigan, Tameside and Salford are currently preparing for applying to HNDU for HN feasibility funding.
- Local Area Energy Plans (LAEPs) – Net Zero Accelerator Programme fully mobilised. All workstreams active and governance in place. Oldham and Manchester fully contracted and mobilising activity to deliver the LAEP. TfGM have agreed governance and appointed a Project Manager (PM) to lead on mobility strand. KPMG appointed to lead the options analysis for financial delivery models for the LAEP/OBC activity. Additional consultancy being procured to support GMCA pipeline development. GMCA also participating in national knowledge transfer activities.
- Local Energy Advice Demonstrator (LEAD) – [“Feel the Benefit”](#) winter communications campaign advertising across Bee Network (buses, trams and stations) live as of 9th September, running through to early December.

- Go Neutral Smart Energy – Study investigating solar site in Rochdale nearing completion. New GM wide solar & wind prospecting and economic assessment study tender launched for delivery in the next 6 months. Study will inform us of suitable technologies & installation sizes, and of viable project locations for larger land based generation in GM on both public and private land. Research study devised to investigate the roles and capability of community energy in the GM region, and the options for public sector partnership. Sector support has been drafted for tender in the coming weeks.
- Smart Energy – Procurement tender for Powering Our Schools (POS) Phase 1 issued with 4 week response time for the installation of solar across 45 schools in Greater Manchester; for delivery in 2025.
- Energy Innovation Agency (EIA) - Progressing relationships with several large end users requiring decarbonisation of their estates; including NHS and Diocese of Salford. Interviews underway for vacant Business Development Lead (BDL) role. Growing pipeline of projects for Innovate GM funding spend.
- Trafford Energy Park – Formal issue of the Agreements for signature now expected Oct '24. Funding bid submitted for Kraft Heinz in Wigan and an extension to the Trafford project (30MW) under the second allocation round. The Highview energy storage plant on the Trafford Low Carbon Energy Park has secured funding. Discussions with prospective offtakers ongoing.
- Bee Net Zero (BNZ) – United Utilities has joined the BNZ board. Workshop held on 2nd July at Salford Innovation Forum with climate and comms officers from each local authority to discuss business engagement on decarbonisation (organised with Growth Company / Green Economy). Organised and held 'Can accountants save the world?' event on 17th September with pro-manchester and the Institute of Chartered Accountants in England and Wales (ICAEW) – will be organising a follow-on event. Marketing Manchester presented their Sustainable Tourism Action Plan to the BNZ board, who fed back comments.

1.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) Wave 2.1 - 12 project partners on site with installations.
- Public Sector Decarbonisation Scheme (PSDS) Phase 1 - Commercial discussions ongoing. 'Plan B' approach developed with pilot partners. PSDS 3a - Delivery of delayed completion programme ongoing. Completion evidence to be

prepared for projects achieving Practical Completion. Full programme completion expected Nov '24. 1-2-1 engagement with partners to enable Measurement and Verification (M&V) processes has commenced. PSDS 3a - On going support of programme completion for of all projects due March '25. Circa £1.5M grant available for draw down this Financial Year. PSDS 3b - Delivery of delayed completion programme ongoing. Completion evidence to be prepared for projects achieving Practical Completion. Full programme completion expected Oct '24. 1-2-1 engagement with partners to enable M&V processes commenced.

- Retrofit GM (Your Home Better) – Work underway to consider redevelopment of the retrofit portal to allow for delivery of specific offers to the retrofit market for low carbon technologies.
- ECO4 - NHS Project manager applicant offered post, accepted, and then declined. Alternative options for resourcing being considered. `Improveasy` have commenced targeted engagement of schools and have met this year's signed declaration targets well. Other two installers are on track to meet their targets. `Next` had been showing low figures for Salford, but these are now improving. Improveasy are installing on specific targeted properties outside of their allocated areas where the other two installer figures were low (Oldham, Salford).
- Bee Net Zero (BNZ) – BNZ Trafford Park has now engaged c.30 businesses. Growth Company have redesigned engagement mechanism/process with businesses – currently finalising diagnostic questions. Proposed employee engagement campaign awaiting GMCA Comms team feedback – plan to launch at Green Summit. In process of organising workshop for the Green Summit focusing on business / industrial park decarbonisation, using Trafford Park and Stakehill as examples.
- Good Landlord Charter – CA paper on Good Landlord Charter agreed at 12th July meeting, including budget for implementation unit. Procurement of independent implementation unit initiated in late July, with bids closing at the beginning of September. Good Landlord Scheme trainees completing end point assessments for apprenticeship. Trainees to start diploma course at Middlesex University. Consultation with councils on Good Landlord Scheme tenancy relations pilot.

1.3 Transport

- Active Bee Network – 1 scheme was completed in the period 15th April '24 to 15th July '24. delivering 1.4km of Bee Active Network, taking the total completed to 117km.
- Bike Hire Scheme – Availability averaging 1200 Bikes whilst negotiations are made with Operator for Post Recovery Operating model. 35 stations remain suspended pending review to re-open or permanently close.
- City Region Sustainable Transport Settlements (CRSTS) Zero Emission Buses (ZEBs) – Completion of Fleet & Depot Strategy development phase. This has defined 2030 requirement (i.e. assumed number of buses) informed by 2030 patronage growth ambitions, set the high level cost estimates to deliver, and proposed the programme structure. In addition, it has assessed suitability of existing depot estate to deliver ZEBs and engaged with a range of suppliers to understand technical and commercial options to deliver 2030 ambition. In terms of infrastructure, Central Park SOBC has a definition of strategic options developed. Next phase of electrification works at depots generally in final stages of planning and due to commence shortly.
- Deliver the Clean Air Plan – Greater Manchester's Air Quality Administration Committee will meet on 1 October 2024 to consider an update to the Clean Air Plan proposals. Since GM submitted its investment-led plan to government in December 2023, there is a need to update it. There are some changes to the bus investment proposal, and there is now more detail about local measures to manage traffic flows in Manchester and Salford, but the Clean Taxi Fund proposals remain the same.
- Public Transport and Active Travel Usage - Starling Bank bike patronage up 27% on last year and, in contrast to usual seasonal trends, trips increased in August vs July. Total GM cycle activity was up 9% in August compared to last year. The number of rides in August 24 was 91% up on August 23; a result of improved bike availability and the successful delivery of the recovery plan. Metrolink journeys up 17% compared to last year. Reduced patronage during July and August as a result of seasonality, service disruption, and fewer public events. Journey numbers during August were 6% lower than August 2019 (highest patronage year on the network) but 5% higher than August 2023. Bus patronage up 3% year on year. Metrolink closures contributed to the higher than forecast passenger numbers with

some services. New academic year saw the 5th September setting a new record for the Bee Network bus passenger numbers, with another record set on the 6th.

- Salford E-scooter Trial – July/August 2024: average trips per day = 1,694. Around 321,000 people have now used the scheme across 1.27million trips.
- Bus Franchising - Tranche 3 mobilisation well underway; all four operators (Metroline, Stagecoach, GNW & Diamond) on track. Some risk around Fleet readiness but mitigations being worked via contingent vehicles.
- Electric Vehicle Charging Infrastructure Delivery and [Taxi EVI project](#) As of June '24, 1,325 chargers (260 ultra, 284 rapids, 302 fast, 479 slow). This provides around 2,200 public connection points (compared to 1,232 connectors in Feb '23). All 60 taxi electric vehicle chargers commissioned and operational by end of September 2024.

1.4 Sustainable Consumption and Production

- Scope 3 Emissions - The review of GMCA's scope 3 emissions is now complete. Report and action plans (especially around procurement and investments) have been finalised. A series of workshops to disseminate information will be held over the next few months.
- Textile Waste Composition Pilot - 49 households recruited in Salford to determine the composition of unwanted textile waste that would normally be disposed of in the residual bin.
- School's Eco Refill Pilot – Wave 1 schools are continuing their shop openings until December before handing over to a new cohort of pupils. Wave 2 funding has been released; including a donation from Suez recycling and recovery UK. Recruitment of schools is underway with a deadline of expression for Expressions of Interest is 18th October. Fourth blog published on the Green City website. Plastic Free July activity was also promoted and hosted.
- Food Waste Prevention – Report on the climate and food-related health impacts regarding food consumption across Greater Manchester has now been commissioned. This is an update on the Environmental Sustainability Technical Assistance (ESTA) 2014 report - Understanding and Reducing Greenhouse Gas Emissions from Food Consumption and Production.
- Climate Change E-learning Module – Draft module on single-use plastics and plastic waste complete.

- Recycle for Greater Manchester (R4GM) – ‘Cotton on to Textile Recycling’ campaign launched to educate residents on the correct disposal of damaged textiles, including digital display advertising, social media toolkit for local authorities, and a shopping centre takeover in Merseyway, Stockport.
- Place-based Circular Society Innovations (CSI) Project: The GMCA, Manchester, Stockport, and Oldham Local Authorities are cooperating in the development and delivery of the MMU-led CSI project to explore the processes by which places can become more equitable, inclusive and environmentally sustainable.

1.5 Natural Environment

- Local Nature Recovery Strategy (LNRS) – Extensive partner and officer engagement on the draft-for-consultation of the GM LNRS undertaken between May-September '24. Draft-for-Consultation and Nature Network opportunity maps of the GM LNRS were both completed on 30th August. The GM LNRS has now entered the pre-consultation period. Draft-for-Consultation of the GM LNRS was sent to all supporting authorities for the strategy for feedback prior to public consultation. The draft has also been sent to all neighbouring Responsible Authorities following the national LNRS regulations and guidance. Communications has supported the design of LNRS document and additional assets, along with development of public consultation materials and approach for November activities.
- Biodiversity Net Gain (BNG) – Habitat banking verification and auditing service now has updated detailed guidance, criteria and a costing template following local authority feedback in July and August. Public versions have subsequently been produced and shared for sign off with Planning Officers Group (POG) on 23rd September and Directors of Place (DoP) on 1st October. The Responsible Body Service has prepared outline costs and initial 1-1 meetings with local authorities. Request from Department for Environment Food & Rural Affairs (Defra) received on 5th September to provide further evidence of GMCAs enforcement policy. GMCA has submitted a response and is awaiting final approval. Update provided to POG on 23rd September and DOP on 1st October. Around Local authorities bringing forward their own sites, the GMCA has engaged with each local authority to understand their current positions on bringing sites in their ownership forward for off-site Biodiversity Net Gain (BNG). Responses reported back to POG on 23rd

September and DoP on 1st October. Awaiting Oldham commission to go out to tender.

- Nature for Health – All delivery partners for Green Social Prescribing (GSP) now in place: START (Salford), Northern Roots (Oldham), Mind (Manchester), Lancashire Wildlife Trust (Bury), Groundwork (Stockport) and Petrus (Rochdale). Delivery has started and referrals being made onto programmes. Pennine Care pushing referrals, expansion of programmes in their early intervention teams, and allowing us to supplement the data with additional health data (blood pressure, weight etc.) Live Well Fund is progressing and almost in a position to begin the roll out process. Not GSP specific but there is expected to be strong demand for funding in this area. Evaluation stakeholder events delivered, directed towards system leaders and commissioners of GSP programmes. Information obtained will go into the final evaluation report, as well as helping to influence these roles.
- Integrated Water Management Plan - Further development of the Integrated Water Management Plan (IWMP) team and the production of role profiles for the IWMP Project Lead and Lead Analyst positions (both based within GMCA). On-going development of the Living Integrated Opportunity Programme (LIOP), including development of the Oldham & Shaw cluster. Support and capacity provided around the development of integrated drainage strategies for Oldham & Stockport. Finalised the scope for the integrated strategy for the Upper Irwell catchment and engaged with Imperial College & UoM around developing a shared evidence base for future collaborative planning and delivery. Consultants assembled case studies outlining a range of sources of investment for projects designed to reduce flood risk and deliver wider water and environmental benefits. Produced scope for Imperial College London to run the Water Systems Integrated Modelling (WSIMOD) framework for Greater Manchester as the first stage in the phased production of an Integrated Catchment Model for GM (by UoM).

1.6 **Green Summit**

- Green Summit – Sponsorship Pack circulated to list of relevant partners. Current Headline Sponsors: Daikin, Deloitte, Electricity North West, Barker Associates, SSE & United Utilities. Official Partners: Environment Agency. Draft outline of agenda, featuring 3 areas of focus for workshops: Sustainable Green Growth, Young People, & Communities: Sustainability, Innovation & Skills, and Connecting

with Nature. Further workshop proposals invited from partners for end of September. General admission registration link circulated via the GCR News Bulletin 18th September '24. 600+ registrations as of 24th September '24.

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

- A first draft of the plan has been developed and shared for feedback with partners; starting with GM Family organisations and then Challenge Groups. The deadline for final feedback was the 27th September. Development of targets is ongoing. Engagement with local authorities and challenge groups is ongoing.

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 – Bolton and Oldham schemes ongoing with work on commercialisation and preparing for procurement. Stockport to continue with work on commercialisation and Trafford to commence (subject to decision on GHNF funding). Rochdale to continue work on DPD and Bury to continue work on feasibility. MCC, Salford, Tameside and Wigan to await decision on HNDU funding and to commence consultant procurement exercise if successful.
- Local Area Energy Plans (LAEPs) – Work continuing with KPMG, drafting Critical Success Factors (CSF) and developing criteria. Produce interim report on commercial model appraisal. Oldham Green New Deal (OGND) delivery partnership Market Engagement event. Drafting of Procurement Strategy. Completion of Electric Vehicle Charging Infrastructure (EVCI) strategy. Review of Community Led Energy Partnership (CLEP) for Sholver and Westwood. MCC to agree Net Zero work programme with Wythenshawe JV Partner. TfGM internal approval of whole Work Package. Complete evaluation of SHDF (Social Housing Decarbonisation Fund) and SHDF data. Prioritisation criteria for public building decarbonisation pipeline. Appoint Project Manager to Domestic Retrofit team.

- Go Neutral – Commencement of GM wide Levelised Cost Of Energy (LCOE) wind and solar study. Update of new land, building longlist, and pipelines complete. Triaging for new building asset sites can begin using new pipeline tool. Community energy study tendered. New commissions for public sector energy procurement, and an energy storage study to be drafted and tendered. Decision on next steps for the solar site in Rochdale
- Smart Energy – Selection of POS preferred supplier and commencement of activities including initial site surveys to produce quotations. Wrigley Head solar farm in Oldham decision on proceeding with project contract award expected.
- Energy Innovation Agency (EIA) – Majority of projects to be delivered under Innovate GM funding Demonstrator need to have started by end of Q3, as the money must be spent by end of Q4. BDL role to be filled and supporting roll out of further projects
- Trafford Energy Park – Once received, sign Agreements for Trafford Green Hydrogen project. Await outcome on funding applications. Continue discussions with prospective offtakers.
- Bee Net Zero (BNZ) – pro-Manchester’s Property & Regeneration Lunch on 10th October – BNZ sponsoring, Manchester Climate Change Agency (MCCA) and Bruntwood presenting on their work on commercial retrofit. Next meeting of BNZ Trafford Park to be confirmed for this quarter (most recent meeting was 23rd September). Ideally to launch at Green Summit: the employee engagement campaign; and BNZ Commitment.

2.2 Buildings

- Social Housing Decarbonisation Fund (SHDF) – Work continuing with KPMG, drafting Critical Success Factors (CSF) and developing criteria. Produce interim report on commercial model appraisal. Oldham Green New Deal (OGND) delivery partnership Market Engagement event. Drafting of Procurement Strategy. Completion of Electric Vehicle Charging Infrastructure (EVCI) strategy. Review of Community Led Energy Partnership (CLEP) for Sholver and Westwood. MCC to agree Net Zero work programme with Wythenshawe JV Partner. TfGM internal approval of whole Work Package. Complete evaluation of SHDF (Social Housing Decarbonisation Fund) and SHDF data. Prioritisation criteria for public building decarbonisation pipeline. Appoint Project Manager to Domestic Retrofit team.

- Public Sector Decarbonisation Scheme (PSDS) – PSDS 1 - Finalise M&V approach/commercials, commence reporting year 1/3. PSDS 3a SY- Support delayed completions, coordinate completion evidence, commence M&V reporting year 1/3. PSDS 3a MY - On going support of programme completion for of all projects due March '25. PSDS 3b - Support delayed completions, coordinate completion evidence, commence M&V reporting year 1/3.
- Retrofit GM (Your Home Better) – Aim to procure digital solutions provider for the redevelopment of the portal. Discuss with successful applicants to the retrofit framework the potential for offers to GM residents for the low carbon technologies.
- ECO4 Flex scheme – Aim to advertise externally for an NHS Project Manager role for the scheme with NHS support. Have applications coming in through the schools campaign. Continue with track record of signed decs/number of installs. Improve on Salford figures. Continue work on the portal. Continue working closely with LEAD. Aim to input into the devo plans.
- Good Landlord Charter – Good Landlord Charter implementation unit to be appointed in October and their work with landlords to begin. Procurement of evaluator for Good Landlord Charter to begin. Apprenticeship graduation event for Good Landlord Scheme trainees on 18th October. Procurement of tenancy relations pilot to begin.
- Net Zero New Development - Development of proposition to Government to deliver 10,000 Truly Affordable Net Zero (TANZ) homes in the parliamentary term.

2.3 Transport

- Active Bee Network – Four additional schemes are forecast to complete in the period 15th July '24 to 15th October '24, which are forecast to deliver an additional 3.3km of Bee Active Network.
- Bus Franchising – Tranche 3 mobilisation (incl fleet) & readiness Electrification of first phase of Hyde Rd & Ashton (Dec), Middleton electrification (Tranche 2) in progress.
- City Region Sustainable Transport Settlements (CRSTS) Zero Emission Buses (ZEBs) – Development of principles of commercial and financing model(s) to support delivery of 100% Zero Emissions fleet by 2030. Completion of Fleet & Depot Strategy development phase. Ongoing delivery of next phase of

electrification works at Bolton, Middleton, Tameside, Queens Road and Hyde Road

- Electric Vehicle Charging Infrastructure Delivery and [Taxi EVI project](#) – Working with Local Authorities to roll out Local Electric Vehicle Infrastructure (LEVI) programme. Procurement underway. Publicise the taxi electric vehicle charge points to the taxi community. Continue with EV work programmes which give greater increase of charging options, especially to those without off street parking. Continue with EV work programmes which give greater increase of charging options, especially to those without off street parking.

2.4 Sustainable Consumption and Production

- Scope 3 Emissions - Hold workshops to disseminate information with the Senior Leadership Team, 5-Year Environment Liaison Group and Local Authorities in September/October.
- Consumer Behaviour Insights – Complete Wave 11 (October '24) sustainability survey with a focus on sustainable food choices and travel and transport.
- Textile Waste Composition Pilot – Complete analysis of household textile waste to determine the quality (reusable vs non reusable) and material makeup of end of life textiles.
- School's Eco Refill Pilot – Wave 1 to continue to monitor the number of containers refilled and behaviour change of the school community. Wave 2 is to evaluate and select 10 x new schools with a view to on-boarding for November start. Promote borrow cup scheme launches. Ongoing Refill campaign support.
- Food Waste Prevention – Complete report and develop recommendations for Greater Manchester on addressing climate and health impacts from food.
- Climate Change E-learning Module – Finalise and launch new module on single-use plastics and reducing plastic waste.
- Community Hive Project – Progress initiative to support residents across Greater Manchester to make more sustainable lifestyle.
- Small Grants for Schools – Progress final stages including application form, guidance, procurement, finance, legal and data protection requirements with a view to applications opening in November '24.
- Recycle for Greater Manchester (R4GM) – Support for national Recycle Week campaign 'Rescue Me' (14th to 20th October). Launch of communications

campaign to support the change to household recycling of plastics to include pots, tubs and trays.

- Consumer Behaviour Insights – Complete Wave 11 (October '24) sustainability survey with a focus on sustainable food choices and travel and transport.
- Place-based CSI Project: Attend advisory board kick off meetings on 17th-18th October.

2.5 **Natural Environment**

- Local Nature Recovery Strategy (LNRS) – Completion of the pre-consultation and objections period for the GM LNRS. Endorsement of the strategy by the CA and the 10 districts. Endorsement to proceed to public consultation. Commencement of the public consultation. Continue design of LNRS document and supporting assets. Develop public consultation materials and approach for November activities.
- Biodiversity Net Gain (BNG) – Habitat banking verification and auditing service final public outputs presented and signed off by POG on 23rd September '24 and Directors of Place on 1st October '24. GMCA upload documents to GMCA website early October '24. Cooperating local authorities to launch verification service October '24 onwards. Responsible Body Service expects Defra response by 11th October '24, however timescale dependent on submission of requested additional information. Looking to further develop and then launch its Responsible Body Service early '25 pending approval by Defra and GMCA. For Local authorities bringing forward their own sites Oldham Council is looking to go out to procure a third party to deliver procurement first in October '24. GMCA will share procurement documents for other local authorities to use and support them in doing so – October '24. Other local authorities to go out to procurement – October '24 onwards. GMCA to capture learnings and share experience through workshop early '25.
- Green Spaces Fund - Impact Report setting out outputs delivered by the Fund being prepared for publication at the Green Summit, covering projects that have concluded under Rounds 1 and 2. Round 5 winners due to be announced shortly, which is likely to take the total number of projects funded to over 100. Comms: Round 5 successful projects announcement for Green Spaces Fund. 2 x Green Spaces Stories content packages published.

- Nature for Health – Complete evaluation workshops. Ramp up delivery and numbers of referrals. Define legacy outcomes with plan to deliver. Launch Live Well Fund.
- Integrated Water Management Plan - On-going development of the IWMP team with the recruitment of the IWMP Project Lead and advertising Lead Analyst role. Further development of the cluster projects identified through the LIOP process. Imperial College to provide first report on WSIMOD modelling. UoM to commence analysis of existing evidence base and contribute to the development of Upper Irwell Strategy. Accessing Flood & Water investment and funding workshop held in central Manchester 8th September. Site visit to Dovestone Reservoir 1st October ahead of preparation of detailed proposal for a partnership with Rebalance Earth to be presented at the Trilateral board meeting 4th November.

2.6 **Green Summit**

- Sponsorship: Lock down all sponsors and commence communications / announcements introducing the sponsors. Agenda: Speakers for plenary sessions confirmed. All workshops to be locked down. Continue promoting registration until capacity (1,400) reached. Marketplace: Registration link circulated. Develop communications including “Road to the Green Summit” content series, driving ticket registrations, and engaging registered delegates. This will come with event support and a Media management function.

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

- Partner feedback to be incorporated into final draft. Final draft to be shared and presented at the October Green City Region Partnership. Final Draft going to GMCA for approval in November. Plan will be launched at Green Summit on the 9th December. Comms: Design of 5YEP document and supporting assets. Launch of the plan at the Green Summit as part of wider media package. Planning for longer term dissemination / bringing it to life for different audiences.

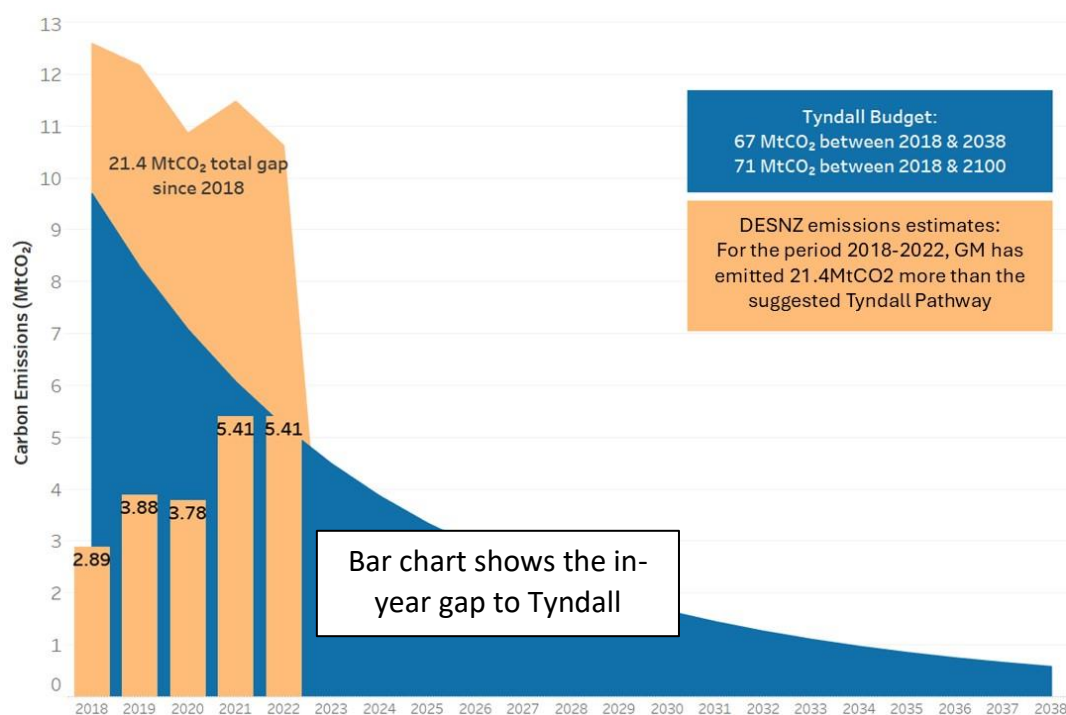
3. IDENTIFIED RISKS AND EMERGING ISSUES

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). From 2018 to 2022 (the latest full year of data), GM’s emissions are 21.4MtCO₂ above the Tyndall budget for the same period, i.e. an additional 21.4 MtCO₂ savings need to be made on top of the Tyndall budget. In 2022, emissions have decreased again, dropping below the level reached in 2020, although they remain above the Tyndall pathway. 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 year.



- **Failure to accelerate decarbonisation of buildings to meet low carbon heating targets.** Measures continue to be implemented with a focus on accelerating decarbonisation and increasing energy generation including the launch of Social Housing Decarbonisation Fund, Public Sector Decarbonisation Scheme, Go Neutral project including schools solar PV offer, and DEEP project delivery to identify Heat and Energy Network Opportunity Areas across Greater Manchester.
- **Level and depth of retrofit required to meet our overall ambitions is highly challenging.** The decarbonisation of Greater Manchester homes through deeper whole house retrofit is being mitigated by the publication of a Retrofit Report that sets the priorities and framework for action and, as part of that the Retrofit Challenge Group along with the Retrofit Taskforce is focused on delivering home and building retrofit at scale. Progress is also being made with the launch of the 'Your Home Better service' and Octopus Heat Pump offer. Greater Manchester has also joined a consortium, led by the UK Green Buildings Council including West Yorkshire, London and the West Midlands and funded by Climate-KIC to develop proposals for city-led retrofit. Additionally, the GM Skills team have produced a Skills Action Plan which with the newly actioned Low Carbon Finance Challenge Group complements the exist building and energy Challenge Groups which manage the actions arising from the Greater Manchester Retrofit Task Force, Chaired by the Mayor.
- **Failure to enhance our water bodies against level of ambition.** The GMCA, Environment Agency and United Utilities (through their Tripartite Agreement) have published an Integrated Water Management Plan to draw together a collective vision, objectives, and actions, and identify accountability and resources for delivery. The plan will deliver progressive improvements in sustainable water management, enhancement of the natural environment, accelerate natural flood management interventions and reduce the operation of storm overflows.

Previous areas flagged as “red”.

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

4.0 RECOMMENDATION

The Partnership is recommended to:

- Note and comment upon the progress outlined in this report and latest position set out in the dashboard attached at:
 - a. Annex 01 (5 Year Environment Plan Performance Overview)