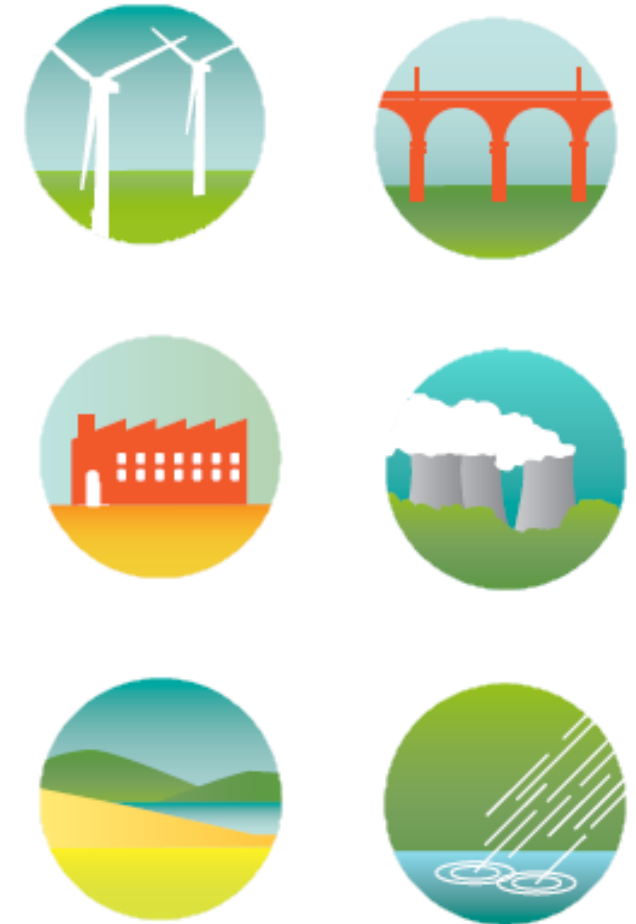


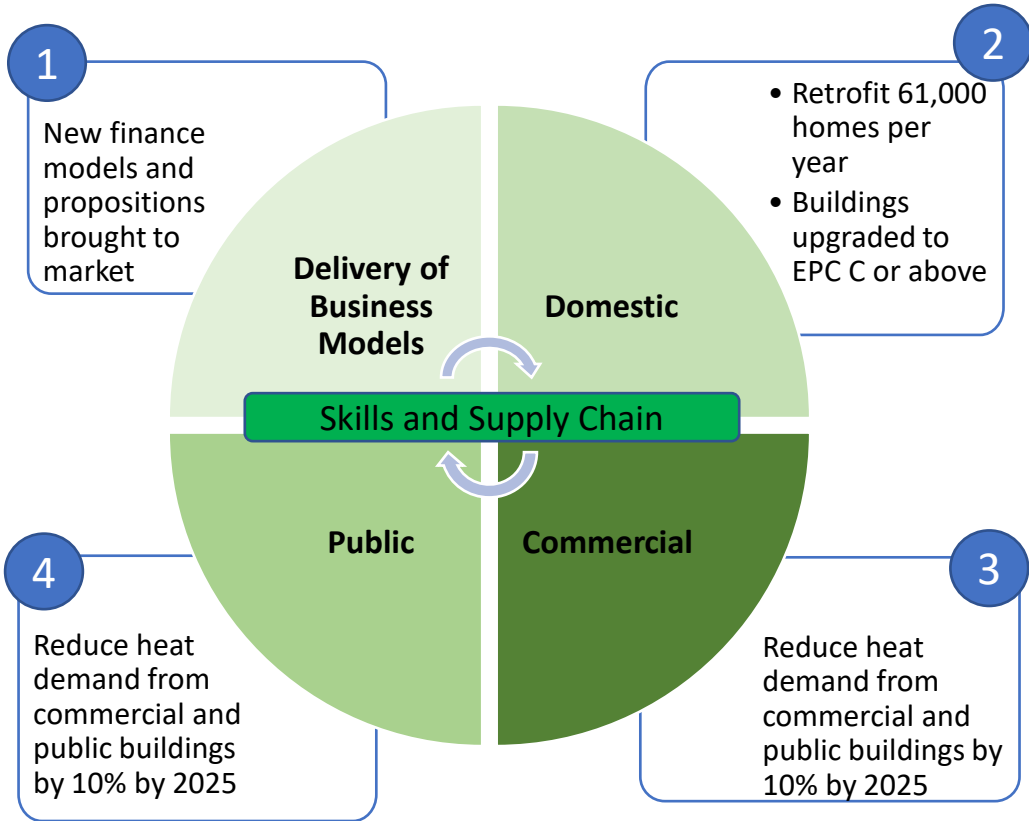
THE 5 YEAR ENVIRONMENT PLAN CHALLENGE GROUP UPDATE



#GMGreencity

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Low Carbon Buildings Challenge Group

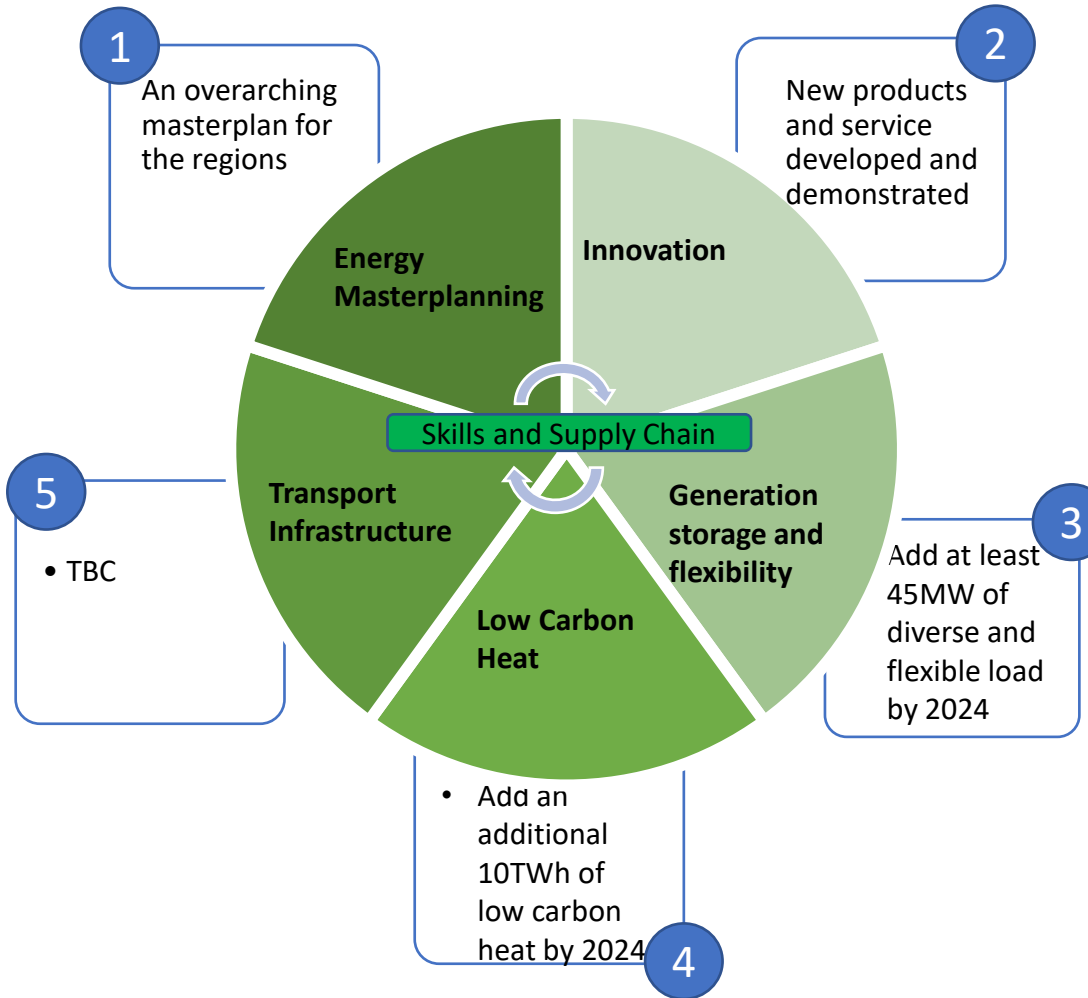


| Project / Task | Lead | 5YEP KPI | Outcome | RAG |
|--|-------------------|----------|---|--------|
| Green Homes Grant LAD | GMCA/Oldham | 1,2 | Increased number of properties retrofitted | Red |
| | | | Residents engaged | Green |
| Retrofit Accelerator | GMCA | 1 | Willing to pay proposition | Yellow |
| | GMCA | 2 | Local retrofit delivery vehicle | Yellow |
| ERDF Project– Arrowfield Zero Carbon Communities | Southways Housing | 2 | 200 properties transitioned from gas to electrified heating | Green |
| People Powered Retrofit – One Stop Shop | Carbon Coop | 2 | Launch of offer for early adopter, owner occupier able to pay | Green |
| Heat Pump Accelerator | Southways Housing | 2 | Programme of actions to accelerate heat pump installation | Green |
| Commercial Buildings T&F | TBC | 3 | TBC | Red |
| Public Sector Decarbonisation Scheme | DoPE Group | 4 | Deliver retrofit measures to 150+ public buildings | Green |
| | DoPE Group | 4 | Consistent data and M+V across the public sector | Yellow |
| | DoPE Group | 4 | Lessons learnt to inform future phases | Yellow |

Integrated Groups

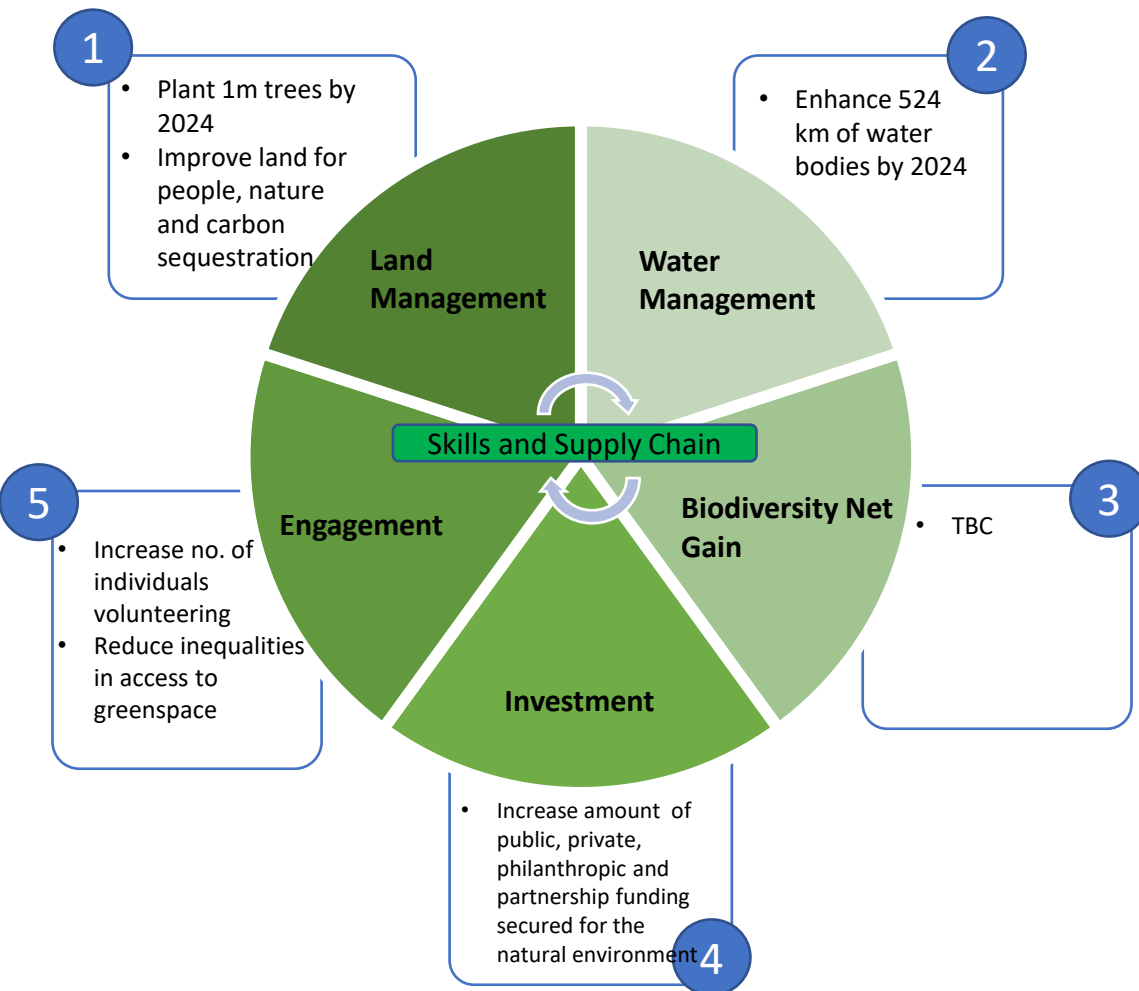
- Retrofit Taskforce

Energy Innovation



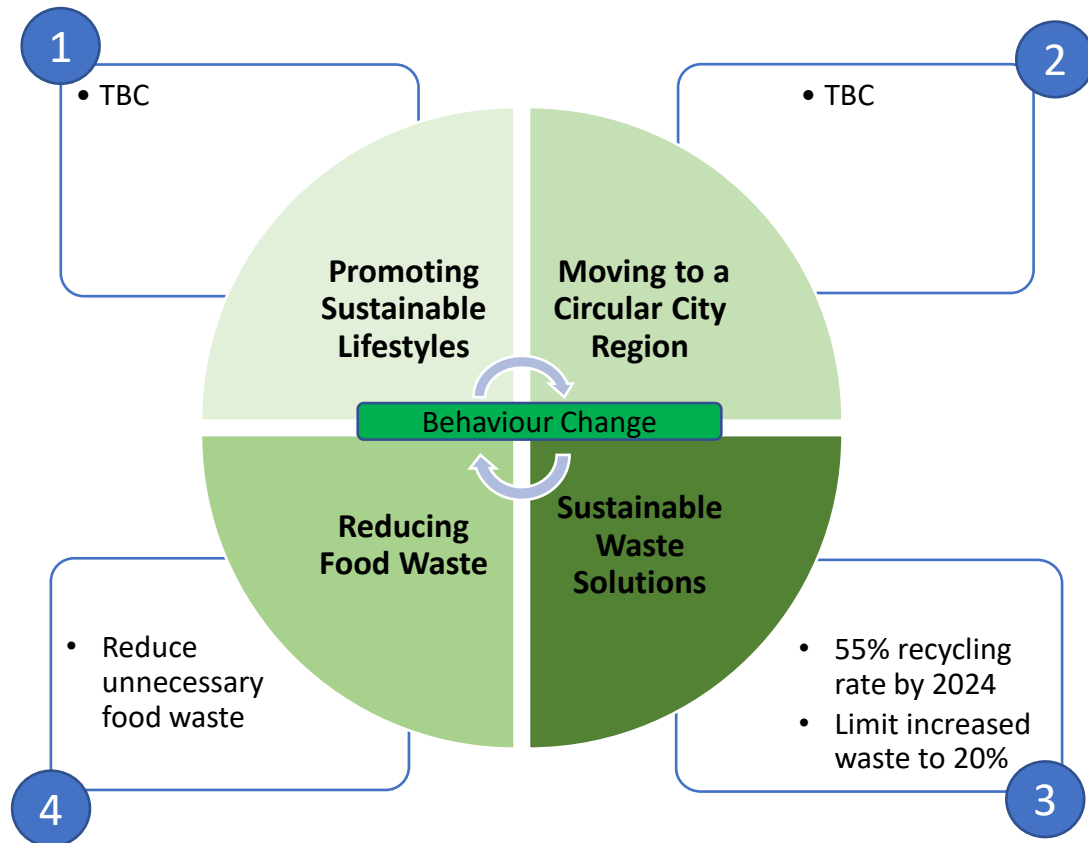
| Project/ Task | Lead | 5YEP KPI | Outcome | RAG |
|--|---------------------------------|----------|---|-----|
| Local Energy Market | GMCA | 1 | 11 Local Area Energy Plans | |
| | | | Develop new tariffs | |
| | | 1 | Design a market maker Platform | |
| Energy Innovation Agency (EIA) | Universities/Bruntwood/SSE/GMCA | 2 | New models, services and widgets brought to market | |
| Explore Hydrogen Innovation | MMU/Cadent | 2 | Businesses supported | |
| Trafford Energy Park | Carlton Power | 2 | Local green hydrogen production | |
| Go Neutral | GMCA | 3 | Procurement framework | |
| | GMCA | 3 | Increased business cases taken to investment | |
| Heat Pump Accelerator | Southways Housing | 4 | Programme of actions to accelerate heat pump installation | |
| DEEP Phase 2 / CDDP / HNZ | AECOM | 4 | 4 outline business cases to deploy decarbonised heat | |
| EV Charging Infrastructure | TfGM | 5 | TBC | |
| Explore options for Hydrogen and Transport | TfGM | 5 | TBC | |

Natural Environment



| Project/ Task | Lead | 5YEP KPI | Outcome | RAG |
|---|---------------|----------|--|-----|
| GM Tree and Woodland Strategy | City of Trees | 1 | Increased tree cover and benefits provided by them, through planting 1m trees by 2024 | |
| Natural Course project | GMCA/EA | 2 | Improved capacity to deliver water quality improvements and achieve Water Framework Directive objectives across GM | |
| Preparing for offsite delivery of Biodiversity Net Gain (BNG) | GMEU | 3 | Improved capacity and understanding amongst key stakeholders about their roles, responsibilities and resources required to prepare for and support delivery of BNG. | |
| Pilot Local Nature Recovery Strategy | GMCA | 3 | More coordinated and focussed action by partners across GM to recover nature, supported by a published pilot report and set of maps for nature recovery in GM | |
| IGNITION | GMCA | 4 | Case for investment in urban NBS developed, with more sustainable funding routes identified, supported by an evidence base, Living Lab and stakeholder engagement programme. | |
| GM Environment Fund to secure greater funding into GM's natural environment | GMET | 4 | Increased number of people connecting with nature including job creation and volunteering opportunities through £1.8m programme | |
| | | | Increased amount of public, private and philanthropic and partnership funding secured for the natural environment | |
| 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 | Outcome | RAG |
|---|---------------|----------|---|-----|
| SCP Plan | GMCA | 1,2,3,4 | Develop plan and work with Challenge Group on implementation | |
| Sustainable lifestyles | GMCA | 1,4 | Behaviour change campaigns | |
| | UU | 1 | Joint campaign to households | |
| Food Vision and toolkit | GM Food Board | 1,3,4 | Development of food vision | |
| | GM Food Board | 1,4 | Deliver toolkit | |
| | GMCA | 1,3 | Reduce food waste | |
| Net Zero Business support programme | Growth Co | 2 | Deliver resource efficiency | |
| Research projects – Reduces, CircBe, One Bin to Rule them all | Universities | 2,3 | Sustainable solutions to problematic waste streams | |
| Consistent collection services (scenario modelling) | GMCA | 3,4 | To help shape GM Zero Waste Strategy | |
| Waste Recycling/Reduction campaigns | GMCA | 1,3,4 | Increase recycling/reduce waste | |
| Refill Scheme | GMCA | 1 | Restart scheme post Covid | |
| Local Levers (sustainable procurement) | Eunomia | 2 | Policy development to reduce carbon emissions | |
| Resource Flow/Consumption Mapping | GMCA | 2,3 | Greater understanding of commercial sector to aid deliver of CE initiatives | |

Communications and Behaviour Change

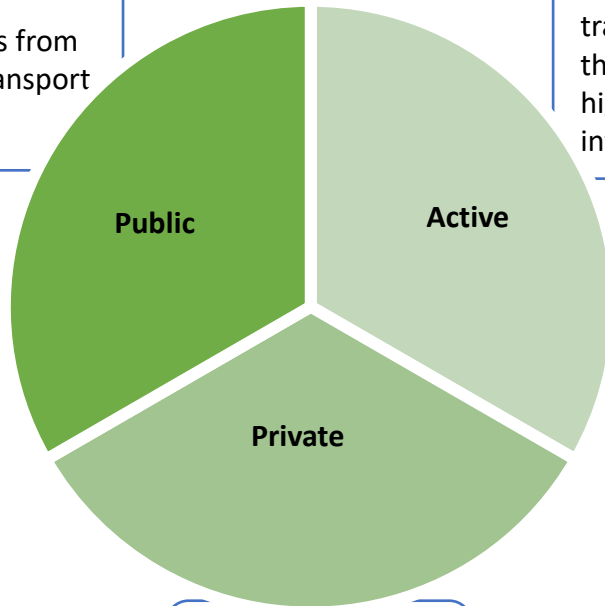


| Deliverable | Lead | 5YEP KPI | Outcome | RAG |
|--|-----------------------|----------|---|--------|
| 5YEP KPIs | GMCA | 1 | Monitor progress of 5YEP | Green |
| Work with partners to deliver Green Summit | GMCA | 1 | Showcase activities within GM | Green |
| COP26 | GMCA | 2 | Raise GM Profile | Yellow |
| Behaviour Change Campaigns | GMCA | 1,2,3 | | Yellow |
| Support Greener GM Campaign in run up to COP26 | Marketing Manchester | 2 | Raise GM Profile | Yellow |
| GM Moving (TfGM) | GMCA | 3 | Promote active travel | Green |
| Big Clean Switch | GMCA | 3 | Promote renewable tariffs to households | Green |
| Roll out programme of carbon literacy | Carbon Literacy Trust | 3 | Increase knowledge | Green |
| Talent and Ambassadors | BBC | 1 | Raise awareness of Climate change | Yellow |
| Green Cities Website | GMCA | 1,2,3 | Platform to showcase 5YEP | Green |

Transport

1

Reduce emissions from Public Transport



2

Promote modal shift to active travel through the provision of high quality infrastructure

3

Influence owners of vehicles to switch to EV or alternative zero carbon fuels

| Project/Task | Lead | 5YEP KPI | Outcome | RAG |
|---|------|----------|---|-----|
| Develop GM Clean Air Plan | TfGM | 1 | Bring about compliance with legal limit for NO2 | |
| Develop roadmap to deliver a zero emission bus fleet | TfGM | 1 | Zero emission buses within GM | |
| Retrofit existing buses to Clean Air Zone standard | TfGM | 1 | Contribute to compliance with Legal Limit for NO2 | |
| Mayors Walking and Cycling Challenge Fund and Streets for all | TfGM | 2 | To deliver over 1000 miles of C&W infrastructure by 2040 | |
| Develop road map for reducing freight emissions | TfGM | 3 | Increased awareness and insight into opportunities and options for the freight sector | |
| GM's publicly accessible EV Charging Infrastructure expanded | TfGM | 3 | More EV charging locations in the public chargepoint network | |

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