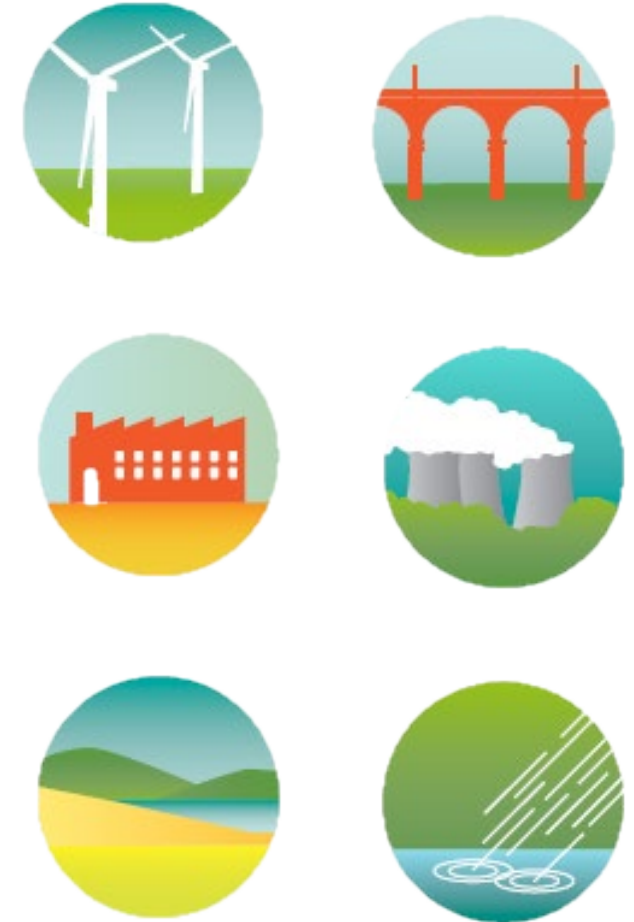


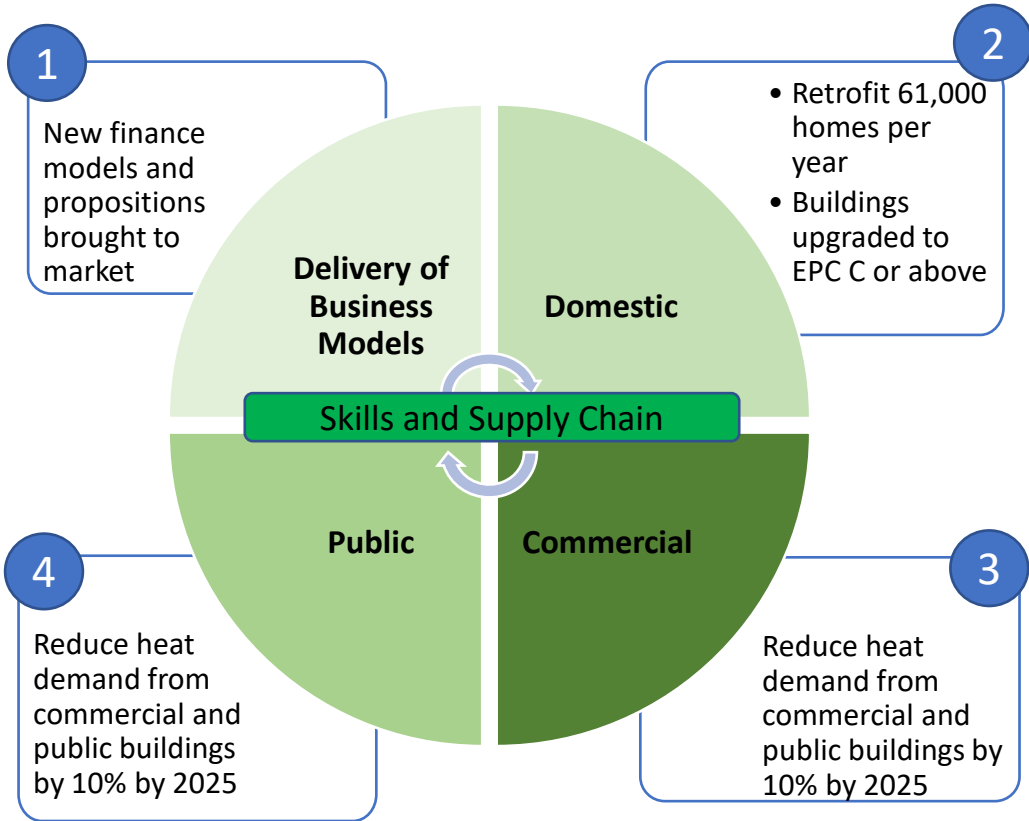
# THE 5 YEAR ENVIRONMENT PLAN CHALLENGE GROUP UPDATE



#GMGreencity

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# Low Carbon Buildings Challenge Group

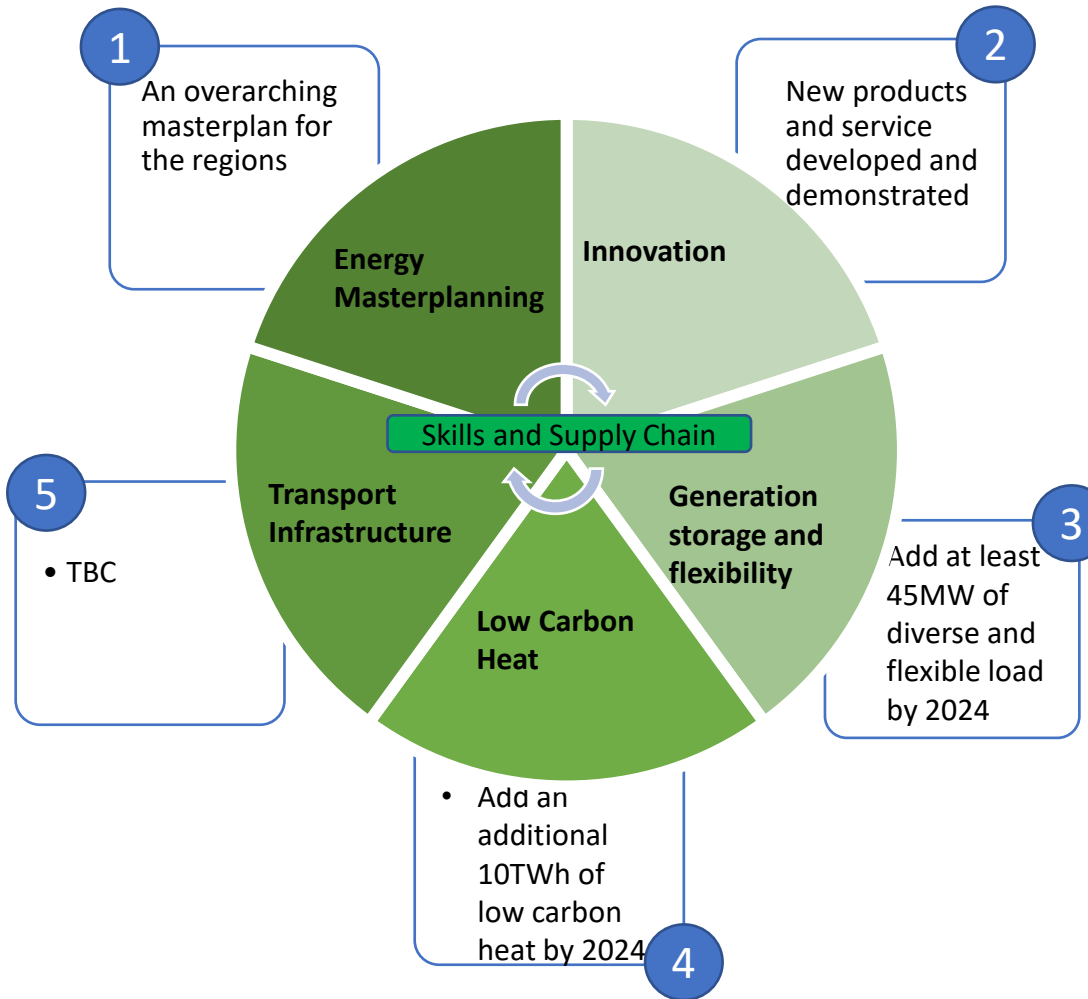


Project / Task	Lead	5YEP KPI	Outcome	RAG
Green Homes Grant LAD	GMCA/Oldham	1,2	Increased number of properties retrofitted	Red
			Residents engaged	Green
Retrofit Accelerator	GMCA	1	Willing to pay proposition	Yellow
	GMCA	2	Local retrofit delivery vehicle	Yellow
ERDF Project– Arrowfield Zero Carbon Communities	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**

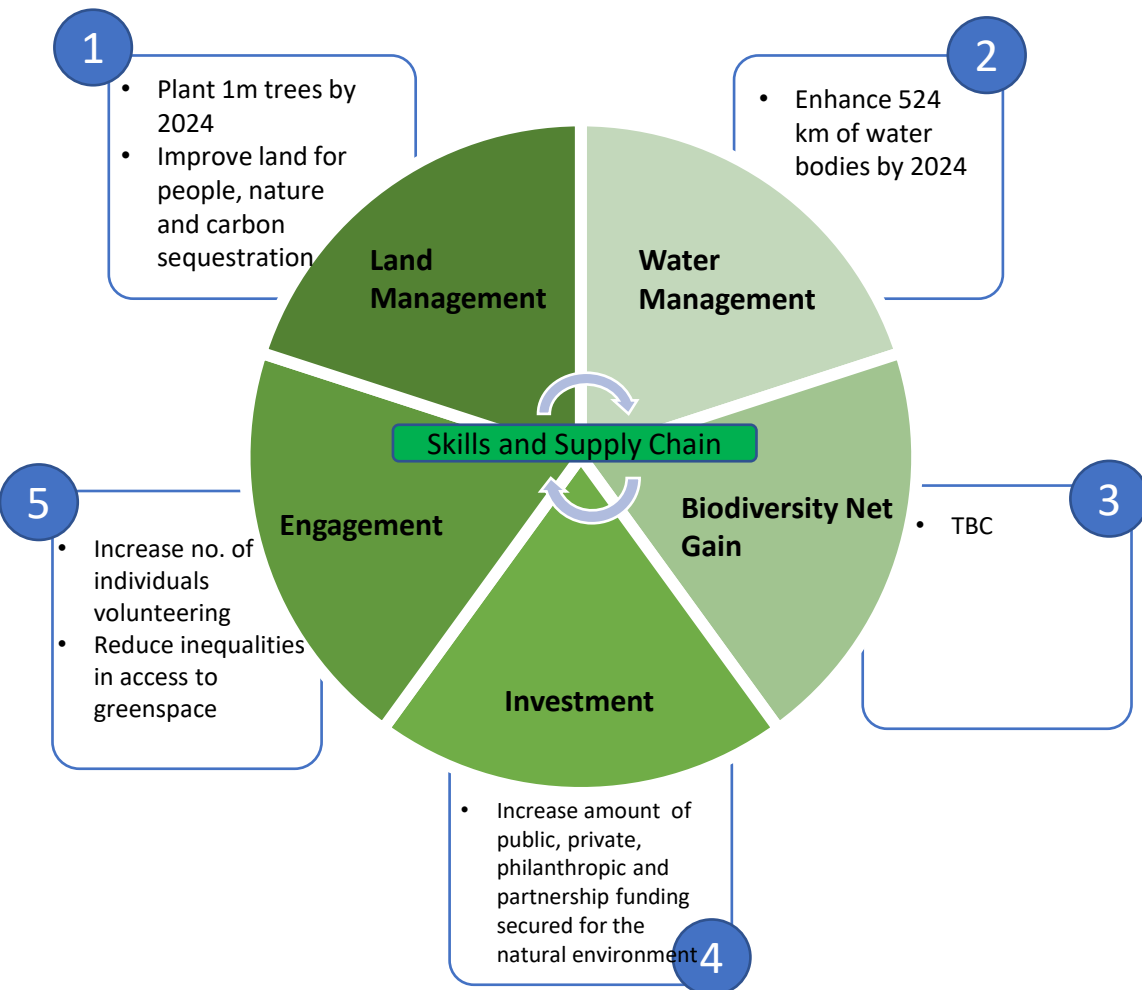
- Retrofit Taskforce

# Energy Innovation



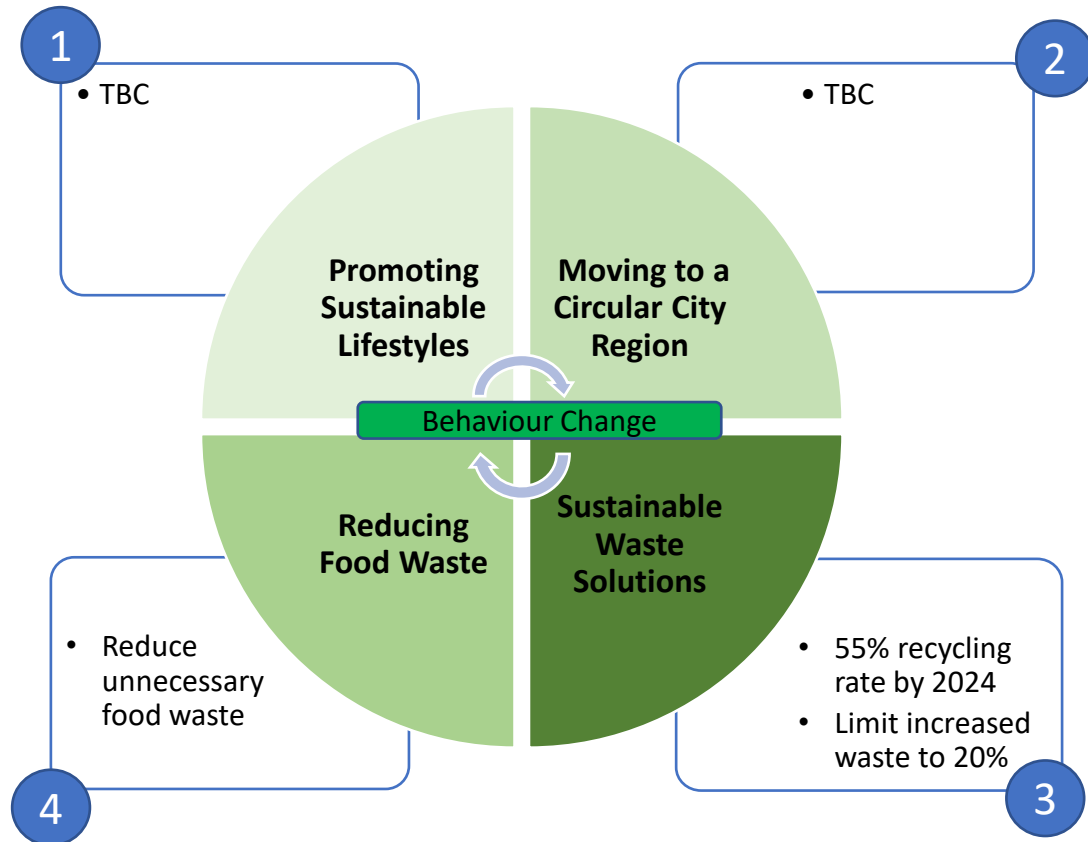
Project/ Task	Lead	5YEP KPI	Outcome	RAG
Local Energy Market	GMCA	1	11 Local Area Energy Plans	
			Develop new tariffs	
		1	Design a market maker Platform	
Energy Innovation Agency (EIA)	Universities/Bruntwood/SSE/GMCA	2	New models, services and widgets brought to market	
Explore Hydrogen Innovation	MMU/Cadent	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	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



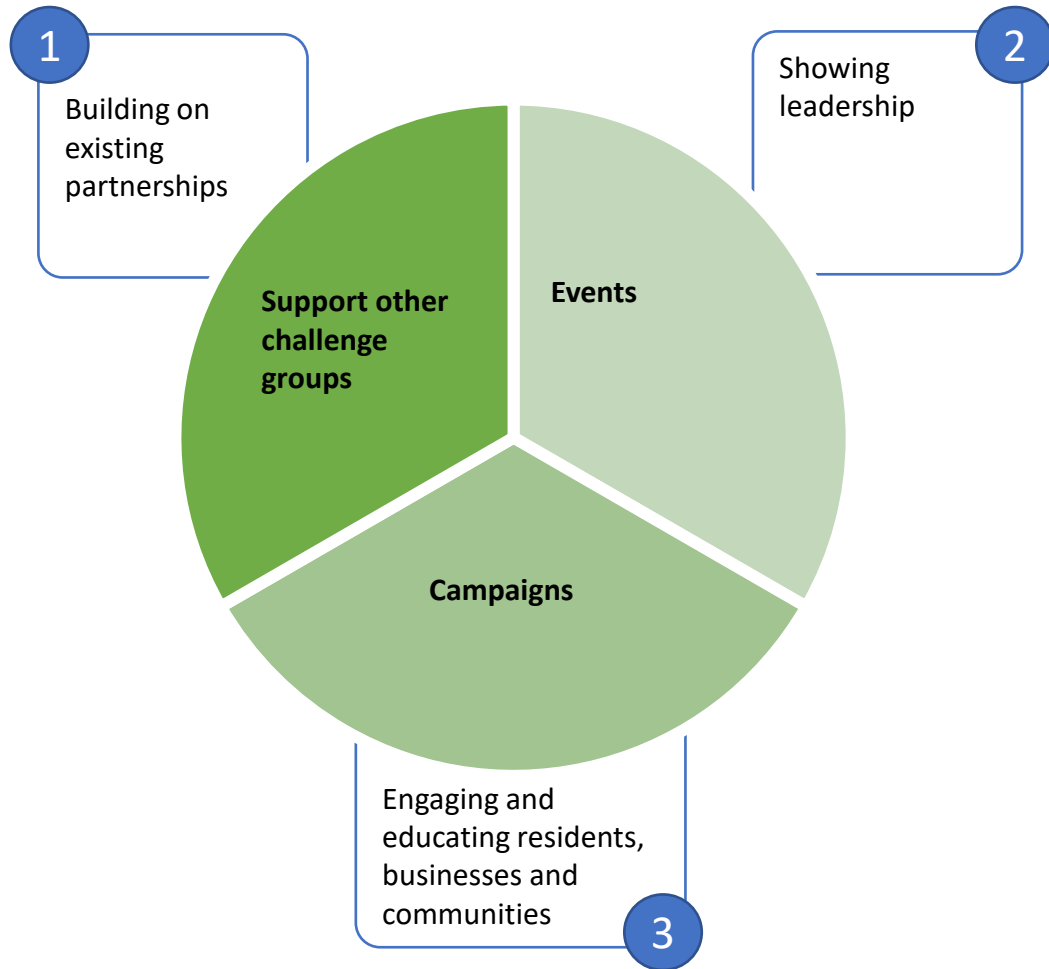
Project/ Task	Lead	5YEP KPI	Outcome	RAG
GM Tree and Woodland Strategy	City of Trees	1	Increased tree cover and benefits provided by them, through planting 1m trees by 2024	
Natural Course project	GMCA/EA	2	Improved capacity to deliver water quality improvements and achieve Water Framework Directive objectives 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

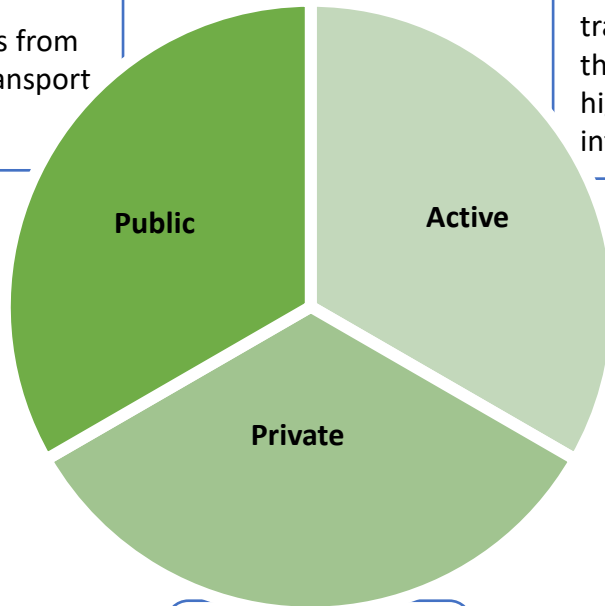


Deliverable	Lead	5YEP KPI	Outcome	RAG
5YEP KPIs	GMCA	1	Monitor progress of 5YEP	Green
Work with partners to deliver Green Summit	GMCA	1	Showcase activities within GM	Green
COP26	GMCA	2	Raise GM Profile	Yellow
Behaviour Change Campaigns	GMCA	1,2,3		Yellow
Support Greener GM Campaign in run up to COP26	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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