

5-Yr Environment Plan KPIs

5-Year Environment Plan Priorities						
Ref	KPIs (2024 Opportunity)	Status	Delivery	Delivered	In development	
E1	Increase local renewable energy (electricity) generation, adding at least a further 45MW by 2024.	↑	Amber	GM Solar Together ERDF solar energy projects	1.5MW delivered through GM Solar PV Phase 1	21.4MW in development
E2	Decarbonise how we heat buildings, adding at least a further 10TWh of low carbon heating by 2024.	↑	Amber	Heat Pump Accelerator: AoR DEEP project delivery		37 projects identified under DEEP phase 1. DEEP phase 2 commenced.
E3	Increasing the diversity and flexibility of our electricity supply, adding at least a further 45MW of diverse and flexible load by	↑	Amber	LEM project		GM LEM project commenced in July 20
B1	Reduce the heat demand from existing homes with retrofit measures installed on a scale of 61,000 homes per year, achieving 57% reduction in heat loss.	↑	Red	LAEP, ECO, Warm Homes Fund, HAES, Green Homes Grant, SLDF		ESC commissioned to deliver LAEP Ongoing installations under the Connected for Warmth scheme.
B2	Reduce the heat demand from existing commercial and public buildings with a 10% reduction by 2025. Increase in energy certificate ratings D or above.	↑	Amber	DoPE Soft Market test MCC Re:Fit contract Heat Pump Accelerator: AoR	DoPE soft market test completed. 86.9% of GM lodgements have an energy efficiency rating of D or above (EPC/DEC) in Q2 2019. Overall we outperformed the national average by more than three percentage points in the Q2 2018 data	
B3	Reduce the heat demand in new buildings.			TBD		Measures on reducing heat demand in new buildings will be included in revised GMSF.
SCP1	Producing goods and services more sustainably, moving to a circular economy. 38% reduction in industrial emission by 2025.	↔	Green	CE Resource Flow Mapping, SCP Framework, Sustainable Procurement Project delivery: REDUCES, CircBe, Transforms 3D, R3 One Bin		SCP Framework drafted. Work commenced on CE Mapping. One to 'Bin to Rule Them All' research project to commence December 2020 on plastics circularity.
SCP2	Becoming more responsible consumers - limiting any increase in waste to 20%.	↑	Green	Public Sector Plastic Pact Delivery of waste prevention campaigns, Plastic Free GM & Refill & Reuse	Currently 9% increase in household residual waste yr on yr (this is within target). GM Refill pilot launched in 2019. 'Grab your Cup' reusable pilot delivered in Jan 2020.	Commenced Public Sector single-use plastic spend review - Catering Planning permissions submitted for re-use shops at 4 HWRCs. First shop due to open in January 2021.
SCP3	Managing our waste as sustainably as possible to achieve a recycling rate, 55% by 2024, and 65% by 2035.	↔	Amber	GM Waste Strategy Waste scenario modelling Delivery of recycling campaigns (household)	47.9% recycling rate (Household exl Wigan) for 2018/19. Unverified figures for 2019/20 show no increase in recycling rate, remaining at around 48%. With diversion from landfill increasing to over 98%. Paper and cardboard contamination campaign across 9 Districts. Bio-waste treatment options detailing lowest price and best environmental baseline options complete.	Recycle Right campaign (all waste streams) to launch in March 2021 across 9 Districts.
SCP4	Reduce unnecessary food waste.	↑	Amber	Input to GM Food Strategy Household food waste prevention campaigns	Food waste prevention campaign - Buy, Eat, Keep, Repeat launched in Oldham.	Work commenced on outline food strategy.
NE1	Managing our land sustainably, including planting 1m trees by 2024.	↑	Green	Nature Recovery Network GM Peatland Restoration Pilot Tree and woodland strategy	537,173 trees planted against 1 million target by 2024 (54% of target).	Final GM Peatland Restoration Pilot report approved by Defra and will feed into the forthcoming England Peat Strategy.
NE2	Managing our water and its environment sustainably.	↑	Green	Natural Course Phase 3	47km of water body enhanced in 2016-2018. Target of 542km by 2027.	
NE3	Achieving a net gain in biodiversity for new development.	↑	Amber	Biodiversity Net Gain Guidance & Action plan development	BNG Action Plan finalised and shared with LPAs with key priorities identified.	NE to identify key priorities in BNG Action Plan to deliver over next 6 months.
NE4	Increasing investment into our natural environment.	↑	Amber	IGNITION project GMEF investment strategy		IGNITION project underway. Investment strategy to be developed by Environmental Finance.
NE5	Increasing our engagement with our natural environment.	↑	Amber	Natural Environment Toolkit Urban Pioneer	Natural Environment Toolkit launched September 2020	
CC1	Embedding climate change resilience and adaptation in all policies.	↓	Amber	Policy development including Resilience Strategy		Resilience Strategy in development - currently differed for 6 months.
CC2	Increase the resilience of and investment in our critical infrastructure.	↑	Green	Greater Manchester Infrastructure Strategy Flood risk policy in GMSF		Briefing for additional GIS analysis complete. Flood risk policy has been drafted
T1	By 2040 increase the use of public transport and active travel modes to support a reduction in car use to no more than 50% of daily trips made by Greater Manchester residents with the remaining 50% made by public transport, walking and cycling.	↔	Green	Increase use of sustainable modes of transport	Current ratio of journeys made by car vs sustainable modes of transport is 39/61 against a target of 50/50 for 2040. 28.5% of all trips made by cycling/walking in 2017/18 up from 27% in 2015/16.	Planning and design for 55 miles of protected routes and 140 junctions to be implemented in 2021. Continued development of Active Travel Fund schemes and projects.
T2	Phase out of fossil-fuelled private vehicles and replace them with zero emission (tailpipe) alternatives and implement a charging infrastructure to support expansion of 200,000 EV vehicles in our city-region by 2024.	↑	Green	Phase out of fossil-fuelled private vehicles and replace them with zero Implement a charging infrastructure to support expansion of 200,000 EV vehicles	5,090 plug-in vehicles registered at end Q2 2020, 3% increase from Q1 2020. 56% increase from 2018. GM Zap Map data as of 13/07/2020: 4 ultra-rapid charges (-), 58 rapid charges (+2), 442 fast devices (-4) and 29 slow devices (-). Early measures Project - 7 rapid charging devices installed and operational.	Expansion of the city region's Electric Vehicle charging network ongoing.
T3	Tackle the most polluting vehicles on the road. (Up to 200,000 low carbon vehicles by 2024).	↑	Green	Clean Air Plan Bus retrofit	280 buses retrofitted to date through Clean Bus Technology Fund. Full reporting to be aligned with Clean Air Plan.	Retrofit works continuing through the Clean Bus Technology Fund. Remaining buses (25%) to be complete by March 2021.
T4	Establish a zero emissions free bus fleet. 100% of all buses are zero emissions (tailpipe) by 2035.	↑	Amber	Zero emissions bus fleet	3 zero emission buses in TfGM fleet to-date. Stagecoach deployed first of 32 full EV double deck buses.	Procurement strategy for 23 electric buses to be developed and approval sought following the conclusion of the market sounding exercise. TfGM are completing a deliverability review to understand the causes of the current slow rate of ZEB roll out. A business case report will be ready by Easter detailing options to accelerate the roll out incl.: 1) strategic value 2) affordability and funding 3) economic value 4) commercial and contractual options, and the management of delivery with reference to the potential implications of bus reform.
T5	Decarbonising freight transport and shifting freight to rail and water transport.	↑	Amber	Delivery of freight roadmap		GM Freight Strategy paused during lockdown but has now been invigorated. Draft documentation produced, and aim to speak to key stakeholders post CAP/GMSF consultation.