

5-Yr Environment Plan Performance

5-Year Environment Plan Priorities						
Ref	Key Priorities (2024)	Status	Measure	% Towards target	Commentary	
E1	Increase local renewable energy (electricity) generation, adding at least a further 45MW by 2024.	↑	Green	Additional renewable capacity (MW)	11%	132 MW of renewable capacity generated in March 2019, 5MW higher than in June 2018 and 11% progression towards target.
E2	Decarbonise how we heat buildings, adding at least a further 10TWh of low carbon heating by 2024.	↔	Green	Additional energy from low carbon heat sources (TWh). Note: ONS measured in MW	TBC	82 MW of GM accredited renewable heat sources generated up to Nov 2019, up from 80.5 MW as at June 19.
E3	Increasing the diversity and flexibility of our electricity supply, adding at least a further 45MW of diverse and flexible load by 2024.	↔	Green	Additional flexible and diverse load available (MW)	TBC	Measure for increasing the diversity and flexible load of electricity is under review.
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	No of whole house retrofits carried out	TBC	Reporting on retrofit measures to reduce heat loss by 57% in homes will come from ERDF projects and self-reporting from stakeholders.
B2	Reduce the heat demand from existing commercial and public buildings with a 10% reduction by 2025.	↓	Amber	Increase in energy certificate ratings D or above	TBC	86.9% of GM lodgements have an energy efficiency rating of D or above (EPC/DEC) in Q2 2019. This is a slight decrease from Q2 2018 of 0.7%. Overall we outperformed the national average by more than three
B3	Reduce the heat demand in new buildings.	↑	Green	TBD	TBC	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	Reduction in CO2 consumption emissions	TBC	Measure/s to monitor Sustainable Consumption and Production is under review.
				Increase in Greater Manchester CA GVA (GVA (£ million))	TBC	Measure under review.
				No of re-use pilots launched in Greater Manchester (3 per year)	13%	Refill pilot launched in Bury and Tameside. 13% progression towards 5-year re-use target (3 per year).
SCP2	Becoming more responsible consumers - limiting any increase in waste to 20%.	↔	Green	Domestic waste production (kg/hh/yr)	Increase of 9%. Within 20% limit.	Increase of 40.53kg/household of residual waste from 2017/18 to 2018/19. Figures are subject to verification.
				No of streams of avoidable single-use plastic taken out of public estate - TBD	TBC	No of streams of avoidable single-use plastic removed from public estate will be reported against the GM Plastic Pact and Road map which is to be developed.
SCP3	Managing our waste as sustainably as possible to achieve a recycling rate, 55% by 2024, and 65% by 2035.	↔	Amber	Yr on Yr increase in recycling rates (%)	87%	Recycling rate (2018/19) is 47.9% up 0.8% from 2017/18 against a target of 55% for 2024. Current HWRC recycling rates are below expected - 37% (Lot 1) and 47% (Lot 2).
SCP4	Reduce unnecessary food waste.	↔	Amber	TBD	TBC	Measure under review. Cannot be monitored through waste data flow at present as GM has mixed food and garden waste collection and disposal.
NE1	Managing our land sustainably, including planting 1m trees by 2024.	↑	Green	Amount of peatland restoration and management for carbon sequestration	TBC	Measure to monitor peatland restoration is under review.
				No of trees planted	TBC	2019/2020 target of 100,000 trees to be planted. Figures due March 2020.
				People living within Natural England ANGSt Standards	TBC	Measure to monitor people living in Natural England ANGSt standards is under review.
NE2	Managing our water and its environment sustainably.	↑	Amber	Water bodies enhanced (per km)	TBC	47km of water body enhanced in 2016-2018. Target of 542km by 2027.
NE3	Achieving a net gain in biodiversity for new development.	↑	Amber	TBD	TBC	Measure under review. Proposed indicators are: Number of projects that are aiming to deliver biodiversity net gain; and overall predicted biodiversity unit % change.
NE4	Increasing investment into our natural environment.	↔	Amber	Amount of non-public investment	TBC	Reporting on increasing investment in natural environment will be within Natural Capital Investment Plan.
NE5	Increasing our engagement with our natural environment.	↑	Amber	Increase in number of people engaged	2.4% lower visits than previous year.	In 2017/18, 37.9% of GM residents reported they had visited the natural environment at least once during the previous 7 days. This is 2.4% lower than 2016/17. Indicators to be updated.
CC1	Embedding climate change resilience and adaptation in all policies.	↓	Amber	No of policies	TBC	Indicators to be confirmed as part of the IGNITION project and Resilience Strategy.
CC2	Increase the resilience of and investment in our critical infrastructure.	↑	Green	No of planning permissions granted contrary to EA advice on flood risk	TBC	Measure is being reviewed as seems at odds with the overarching action.
				No of hh moved to lower probability flood risk	TBC	Measure under review.
CC3	Implement a prioritised programme of nature-based climate adaptation action.	↔	Green	Uplift in urban green infrastructure	TBC	IGNITION project will work on baseline and appropriate urban adaptation uplift targets (i.e. 10% increase in urban GI).
CC4	Improve monitoring and reporting.	↑	Amber	TBC	TBC	Indicators to be confirmed as part of the IGNITION project and Resilience Strategy.
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	Ratio of journeys made by car versus sustainable modes of transport	Current ratio: 39/61	Current ratio of journeys made by car vs sustainable modes of transport is 39/61 against a target of 50/50 for 2040.
				Increase in proportion of all trips made by cycling and walking (%)	0.5% increase in 2018/19 compared to	28.5% of all trips made by cycling/walking in 2017/18 up from 27% in 2015/16.
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	No of plug-in vehicles registered licensed in GM (Source: DfT vehicle statistics)	13% increase from 2018	3,697 plug-in vehicles registered at end Q2 2019, 13% increase from 2018.
				Increase in No of rapid charge points installed (GMEV network)	TBC	Exploring potential to use Zap Map as a way to track progress.
T3	Tackle the most polluting vehicles on the road. (Up to 200,000 low carbon vehicles by 2024).	↑	Green	TBC	TBC	Reporting to aligned with Clean Air Plan.
T4	Establish a zero emissions free bus fleet. 100% of all buses are zero emissions (tailpipe) by 2035.	↔	Green	No of new zero emissions buses entering the fleet	Currently 3 in the TfGM fleet. Awarded funds for	3 zero emission buses in TfGM fleet to-date.
				Proportion of total bus fleet that are zero emissions	TBC	Measure under review - Reliant on operators sharing this data on an infrequent basis. Some operators do not share any data.
T5	Decarbonising freight transport and shifting freight to rail and water transport.	↔	Red	Delivery of freight roadmap	N/A	GMCA, LAs and TfGM to assess and develop a roadmap to reduce freight emissions and support model shift, increased efficiency and alternative fuels for HGVs.

