

# Annex 01 5Yr 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. NOTE: Due to the closure of the Feed-in-Tariff in March 2019, there will be no further releases of data.
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 May 2020 (non-domestic only, no change from Jan-20).
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 percentage points in the Q2 2018 data.
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. Mapping of material flows research to commence with PhD student from UoM.
			No of re-use pilots launched in Greater Manchester (3 per year)	20%	Refill pilot launched in Bury and Tameside. 'Grab your Cup' pilot launched in Jan 2020. 20% progression towards 5-year re-use target (3 per year).
SCP2	Becoming more responsible consumers - limiting any increase in waste to 20%.	↔ Green	Domestic residual 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.
			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. A single-use plastic spend review is now underway.
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. Landfill diversion rate (2018/19) is 94%.
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. Data has been provided by Too Good To Go on reduction in food waste in GM (meals saved). Potential to receive the same form Olio and Karma.
NE1	Managing our land sustainably, including planting 1m trees by 2024.	↑ Amber	Amount of peatland restoration and management for carbon sequestration	TBC	Measure to monitor peatland restoration is under review.
			No of trees planted	46%	2019/2020 target of 100,000 trees to be planted with 1 million by 2024. Currently at 459,929 trees planted against 1 million target by 2024.
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	TBC	NOTE: 2018/19 was last reporting year of MENE. To be replaced with People and Nature survey from 2020/21. Experimental UK statistics available at : <a href="https://www.gov.uk/government/statistics/the-people-and-nature-survey-for-england-monthly-interim-indicators-for-may-2020-experimental-statistics">https://www.gov.uk/government/statistics/the-people-and-nature-survey-for-england-monthly-interim-indicators-for-may-2020-experimental-statistics</a> . Currently investigating additional sampling for GM.
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 2015/16.	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)	51% increase from 2018	4,951 plug-in vehicles registered at end Q1 2020, 20% increase from Q2 2019.
			Increase in No of ultra-rapid charge points installed (GMEV network)	Currently 4 in GM (all in SK4)	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 (-).
T3	Tackle the most polluting vehicles on the road. (Up to 200,000 low carbon vehicles by 2024).	↑ Green	TBC	150+ buses retrofitted	150+ buses retrofitted to date through Clean Bus Technology Fund. Full reporting to be 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 23 more. Stagecoach deployed 32 EV double deck buses.	3 zero emission buses in TfGM fleet to-date. Stagecoach deployed first of 32 full EV double deck buses.
			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	In progress	Refreshed working draft of GM Freight Strategy has been developed which will be used to provide a key building block in developing a costed roadmap for reducing freight emissions.