5 Year Environment Plan Performance Overview

Progress Status					
Area	Priorities/KPIs (to 2024)	Status			
	Add at least 45MW of local renewable energy by 2024		Amber		
Energy	Additional 10TWh of low carbon heating by 2024		Red		
	Add at least a further 45MW of diverse and flexible load by 2024.		Green		
	Retrofit 61,000 homes/year (target 305,000 by 2024, 887,000 in total)		Red		
Buildings	Build 30,000 net zero carbon social rented homes by 2038.		Green		
	Reduce heat demand from existing commercial and public buildings	↑	Amber		
	38% reduction in industrial emission by 2025.	\	Amber		
SCP	Limiting any increase in waste to 20%.		Green		
	Achieve a recycling rate of 55% by 2024, and 65% by 2035.	↑	Amber		
	Managing our land sustainably, including planting 1m trees by 2024.	\leftrightarrow	Green		
	Managing our water and its environment sustainably.	↑	Red		
Natural Env.	Achieving a net gain in biodiversity for new development.	↑	Amber		
	Increasing investment into our natural environment.	↑	Green		
	Increasing our engagement with our natural environment - Number of Volunteers.	\leftrightarrow	Green		
Transport	Reduce car use to no more than 50% of daily GM trips, by 2040 (remaining 50% to be public, or active travel)	→	Amber		
	Support expansion to 200,000 EVs in city region by 2024	↑	Amber		

2038 Carbon Target	Costs	Resources	Overall Delivery	Risk
Red	Green	Green	Amber	Amber

Key Risks							
Risk Event	Risk	Mitigation Plan	Post Risk				
Failure of Environment Plan to achieve a step change in carbon emissions.	Red	Regular reporting to Greater Manchester Green City Region Partnership Board and WLT.	Amber				
Level and depth of retrofit required to meet our overall ambitions is highly challenging.	Red	Focus on retrofit accelerator proposals as way of overcoming these barriers in a coordinated way.	Amber				
Failure to enhance our water bodies against level of ambition.	Red	Intergrated water plan in place to deliver progressive improvements.	Amber				
Failure to add an additional 10TWh of low carbon heating by 2024	Red	Focus on acceleration of Retrofit including the launch of the 'Your Home Better' service, Octopus Heat Pump offer and DEEP project delivery.	Amber				

Five-Year Environment Plan for GM Dashboard

About this dashboard



Greater Manchester faces major environmental challenges that threaten the health and prosperity of our region. We are taking action with the Five-Year Environment Plan, launched in March 2019. The plan sets out our long-term environmental vision – to be carbon neutral by 2038 – and the urgent actions we all need to take between 2019 and 2024 to help achieve this. <u>You can find the plan here.</u>

This dashboard keeps track of our progress against those actions. It is divided into six pages, with a page dedicated to evaluating progress in each of the plan's priority areas. You can use the menu in the top left to navigate between them, or click on the links in the box below. For more on the data used within each screen, click on the info icon in the top right of each box (eg see the one on this box).

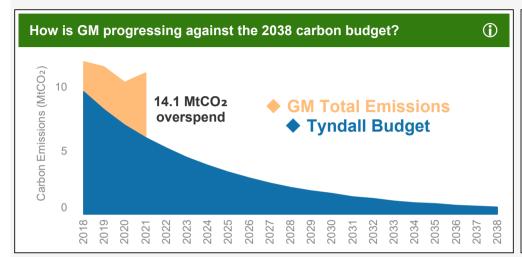
What targets are in the 5YEP and which are being tracked here? (click icon to navigate to page)					
Emissions		Goal:	Be carbon-neutral by 2038	See 'Emissions' page	
Energy	117	E1:	Increase local renewable energy (electricity) generation, adding at least 45MW by 2024	See 'Energy' page	
		E2:	Decarbonise how we heat buildings, adding at least 10TWh of low carbon heating by 2024	See 'Energy' page	
	***	E3:	Increase diversity & flexibility of electricity supply, adding at least 45MW of diverse & flexible load by 2024	See 'Energy' page	
		T1:	Increase use of public transport and active travel, with car use reduced to less than 50% of daily GM trips by 2040	See 'Transport' page	
Transport		T2:	Phase out fossil-fuelled private vehicles for zero emission (tailpipe) alternatives, with 200,000 EVs in GM by 2024	See 'Transport' page	
		T3:	Tackle the most polluting vehicles on our roads	In development	
		T4:	Establish a zero emissions bus fleet, with all buses zero emissions (tailpipe) by 2035	See GMS dashboard	
		T5:	Decarbonising freight transport and shifting freight to rail and water transport	In development	
Buildings			Reduce heat demand from existing homes by retrofitting 61,000 homes per year	See 'Homes' page	
	里里 A		Reduce heat demand from existing commercial and public buildings by 10% by 2025	In development	
J	山山		Reduce heat demand in new buildings, with all new development net zero carbon by 2028	In development	
			Produce goods more sustainably, reducing emissions from industry by 38% by 2025 compared to 2018 levels	See 'SCP' page	
SCD			Become more responsible consumers, with 2024 waste production increased by no more than 20% from 2018	See 'SCP' page	
SCP			Manage our waste as sustainably as possible, achieving a recycling rate of 55% by 2024	See 'SCP' page	
	-6		Reduce unnecessary food waste	In development	
Natural Environment			Manage our land sustainably, including planting 1m trees by 2024 and improving greenspace for nature	See 'Natural Env.' page	
			Manage our water and its environment sustainably, enhancing 542km of waterways by 2027	See 'Natural Env.' page	
		NE3:	Achieve a net gain in biodiversity for new development	In development	
	I	NE4:	Increase investment into our natural environment	In development	
	•	NE5:	Increase engagement with our natural environment, through volunteering and access to local greenspace	See 'Natural Env.' page	

Menu

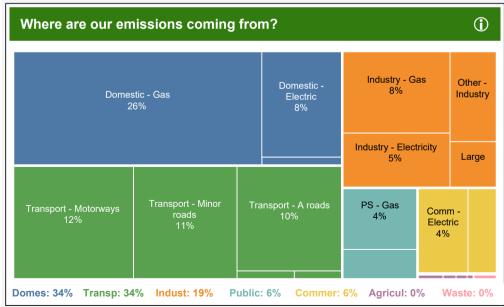
The Challenge: CO2 emissions across Greater Manchester

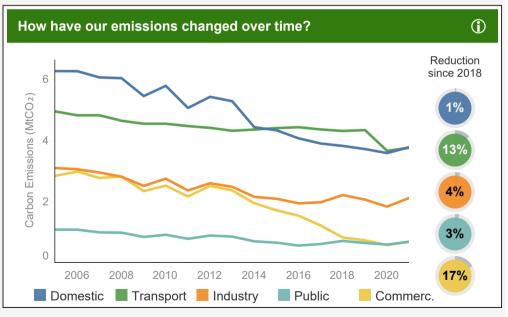
Local Authority

ΑII

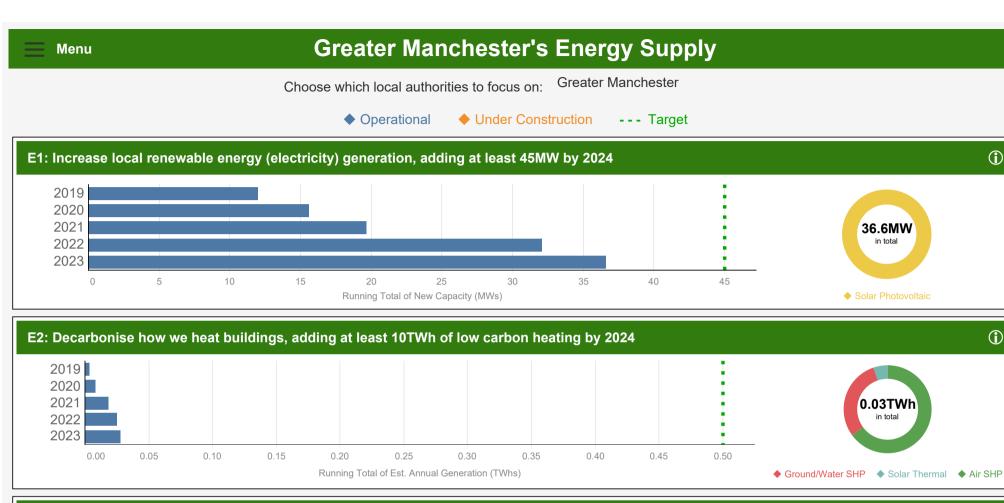






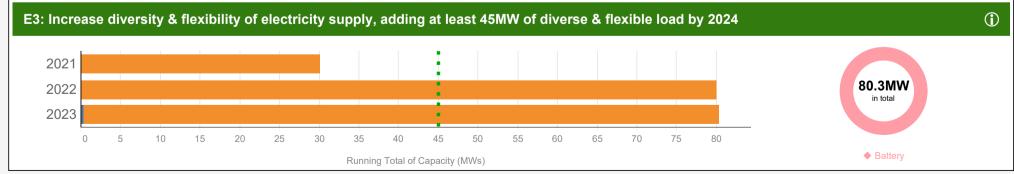


Data sources: BEIS Emissions & Tyndall Centre - click on the ① buttons for more info



(i)

(i)



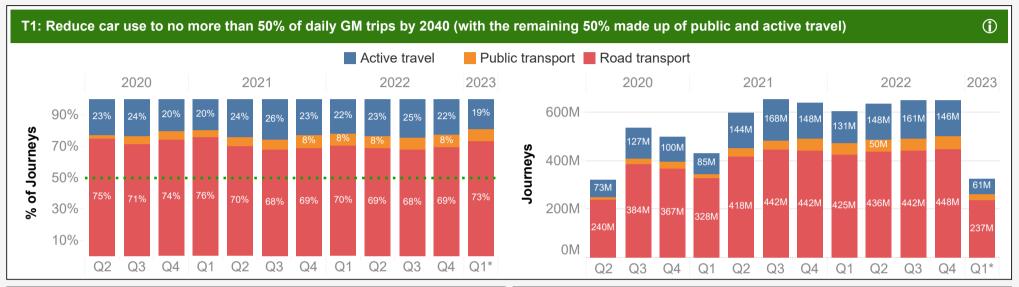
Data sources: MCS Installations Database, REPD, ENWL ECR, National Statistics - click on the (i) buttons for more info

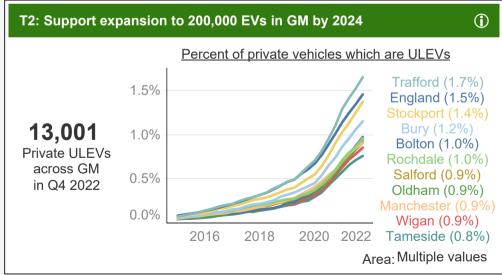


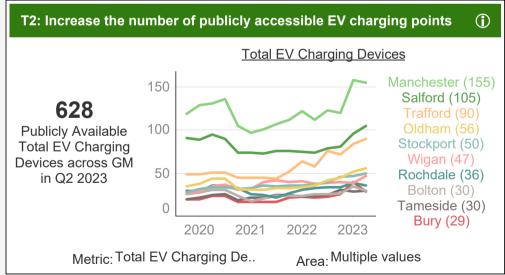
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Greater Manchester's Transport and Travel

Journey mode Journey quarter



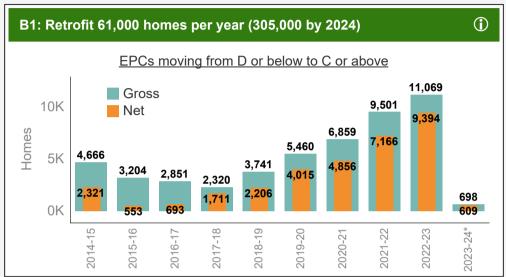


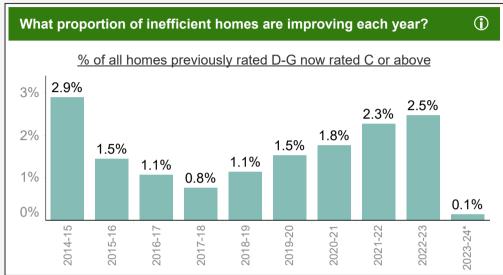


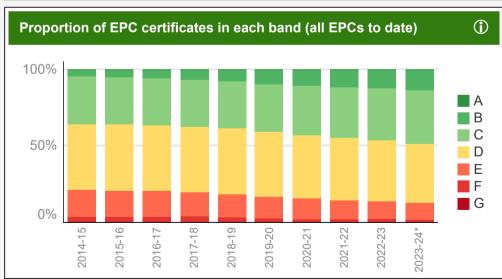
Data sources: TfGM journey data & DfT Vehicle Statistics - click on the ① buttons for more info

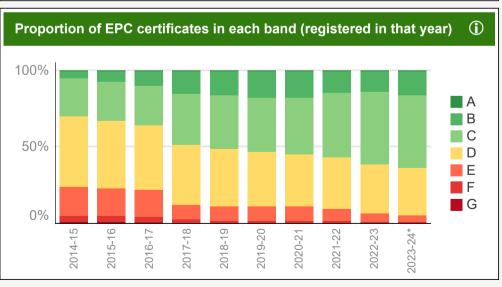
Greater Manchester's Homes

Local Authority Tenure Property Type





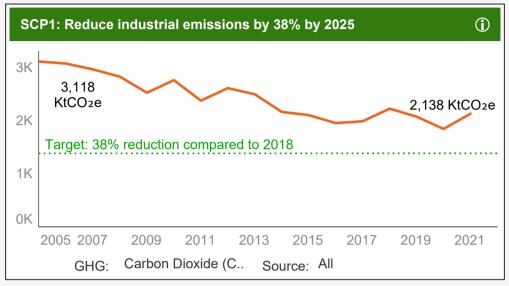


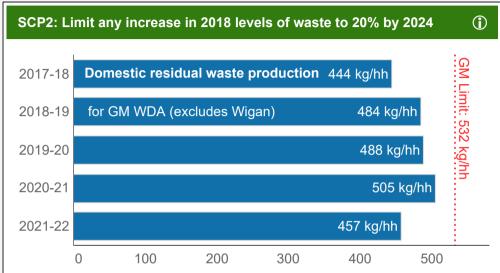


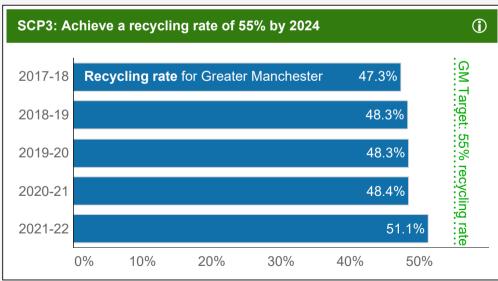
Menu

Greater Manchester's Sustainable Consumption & Production

Filter data by area: Greater Manchester



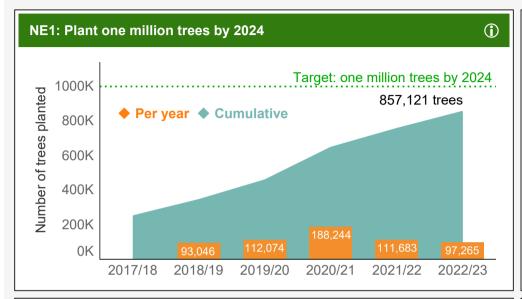


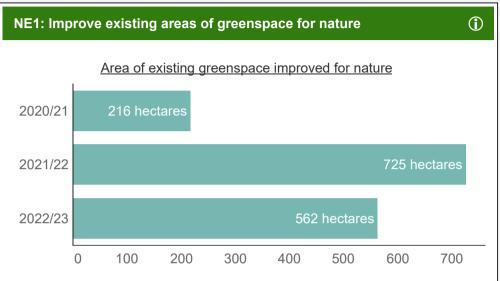




Data sources: BEIS Emissions & DEFRA ENV18 - click on the ① buttons for more info

Greater Manchester's Natural Environment









Data sources: partner organisations - click on the ① buttons for more info