

## 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. [You can find the plan here.](#)

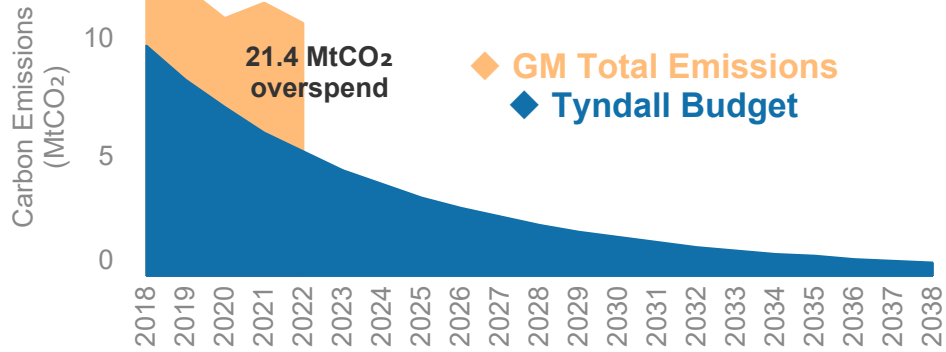
This dashboard keeps track of our progress against those actions. It is divided into six pages, with a page dedicated to evaluating progress in each of the plan's priority areas. You can use the menu in the top left to navigate between them, or click on the links in the box below. For more on the data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

Category	Icon	Target	Tracking Status
Emissions		<b>Goal: Be carbon-neutral by 2038</b>	See 'Emissions' page
Energy		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
Transport		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
		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		B1: Reduce heat demand from existing homes by retrofitting 61,000 homes per year	See 'Homes' page
		B2: Reduce heat demand from existing commercial and public buildings by 10% by 2025	In development
		B3: Reduce heat demand in new buildings, with all new development net zero carbon by 2028	In development
SCP		SCP1: Produce goods more sustainably, reducing emissions from industry by 38% by 2025 compared to 2018 levels	See 'SCP' page
		SCP2: Become more responsible consumers, with 2024 waste production increased by no more than 20% from 2018	See 'SCP' page
		SCP3: Manage our waste as sustainably as possible, achieving a recycling rate of 55% by 2024	See 'SCP' page
		SCP4: Reduce unnecessary food waste	In development
Natural Environment		NE1: Manage our land sustainably, including planting 1m trees by 2024 and improving greenspace for nature	See 'Natural Env.' page
		NE2: 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
		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

All

## How is GM progressing against the 2038 carbon budget?

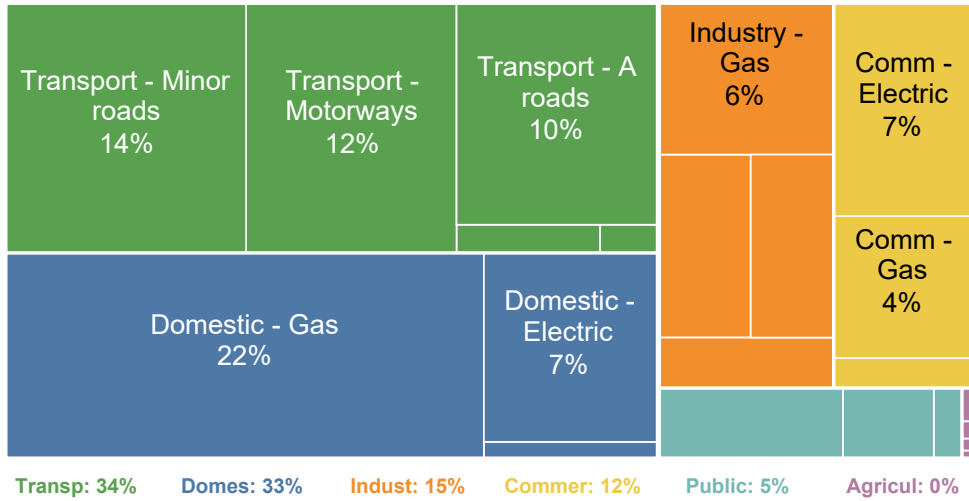


## What is GM's 'business as usual' emissions forecast?

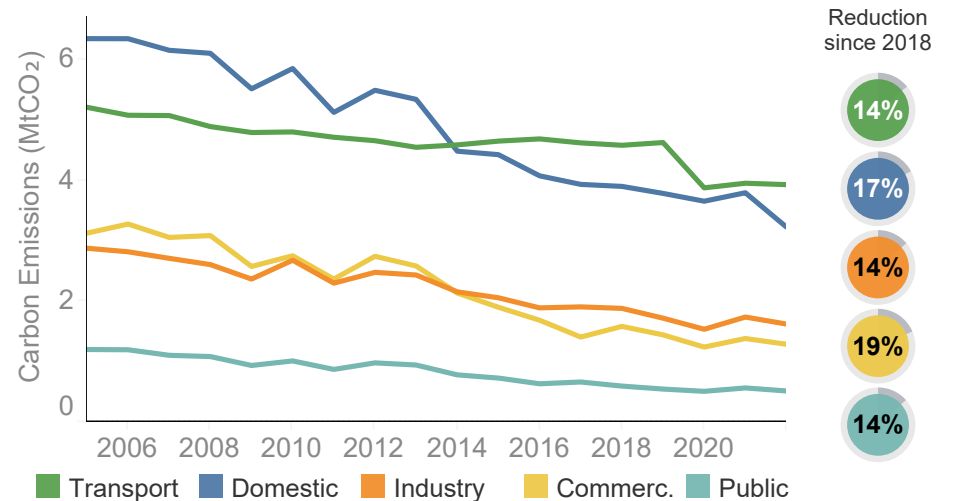


In development

## Where are our emissions coming from?



## How have our emissions changed over time?



Local Authority

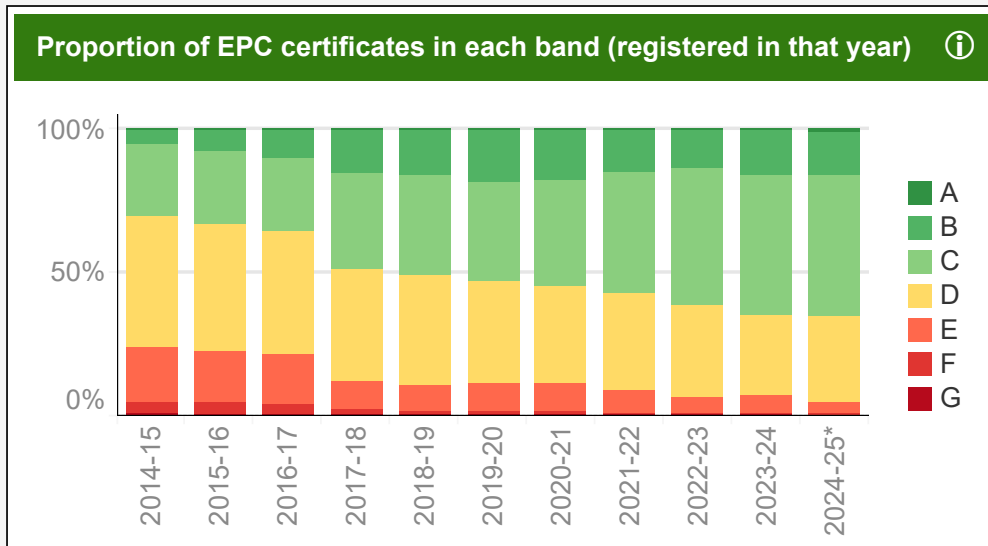
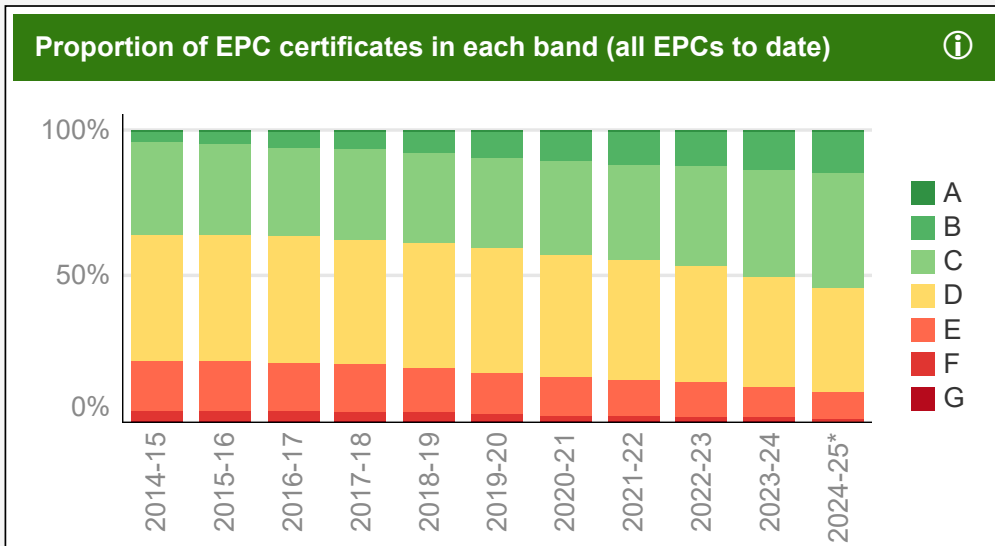
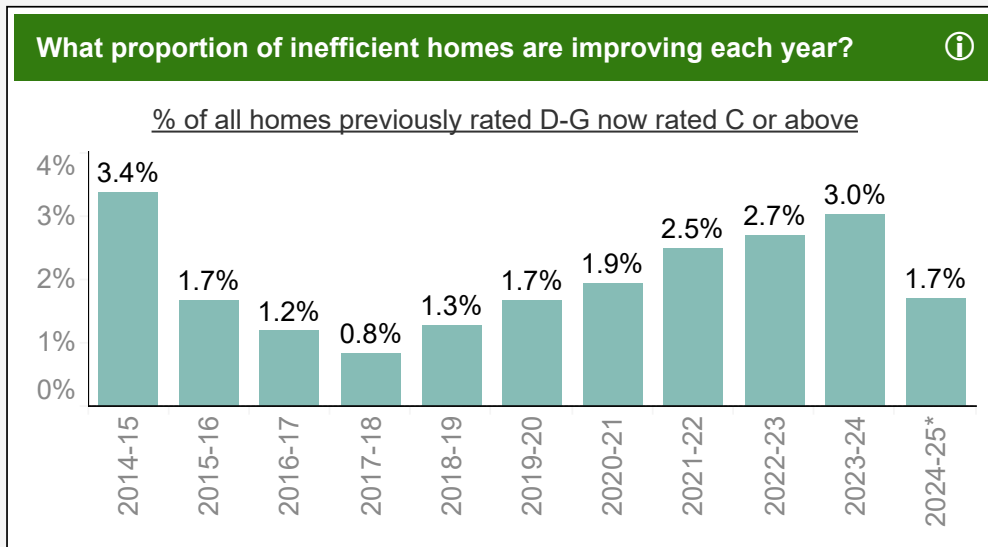
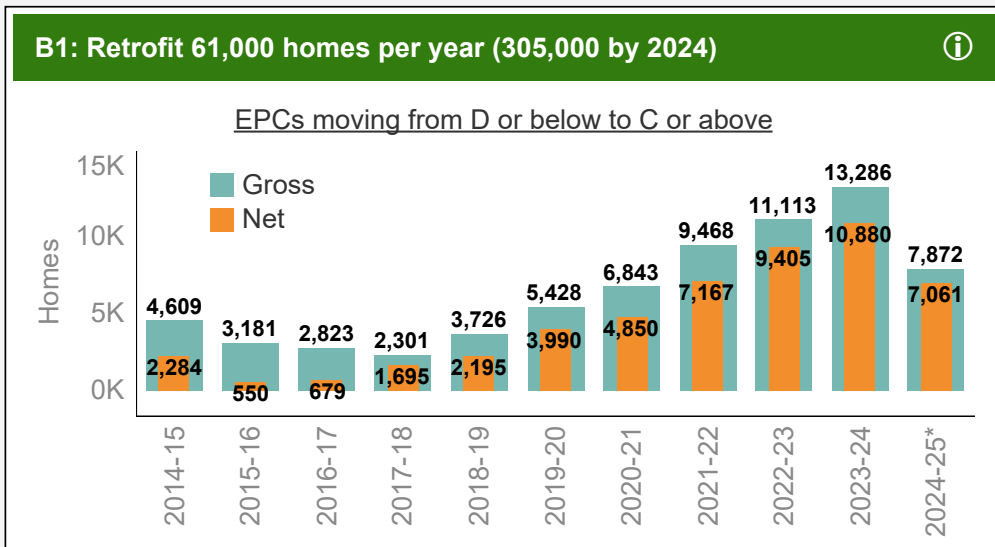
Tenure

Property Type

All

All

All

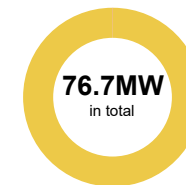
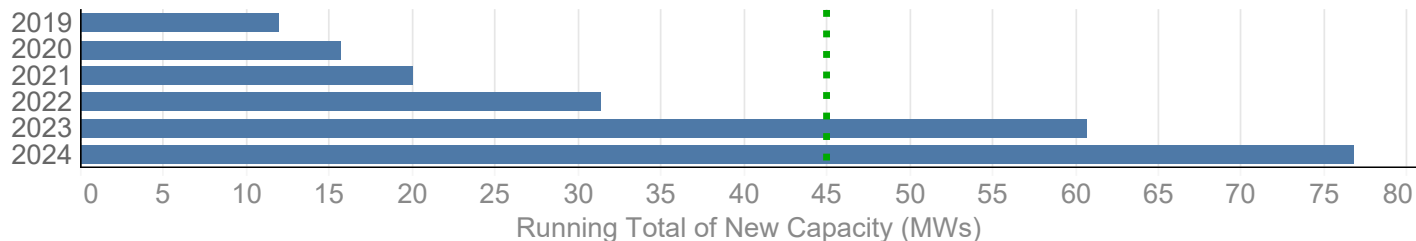


# Greater Manchester's Energy Supply

Choose which local authorities to focus on: Greater Manchester

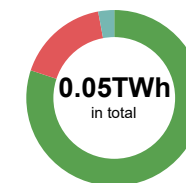
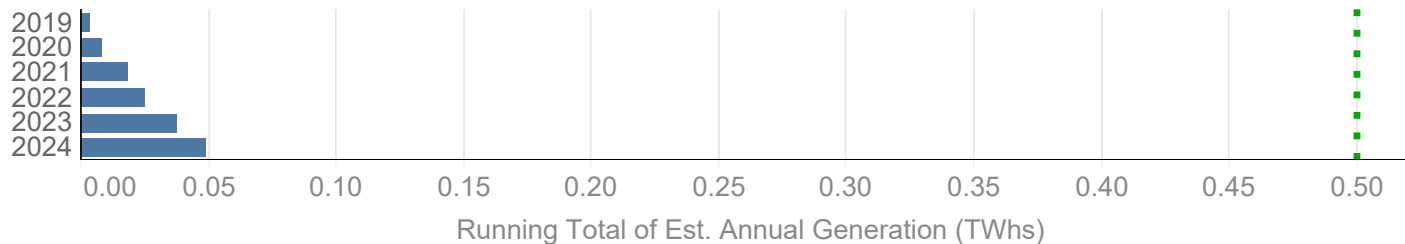
◆ Operational    - - - GM Target

## E1: Increase local renewable energy (electricity) generation, adding at least 45MW by 2024



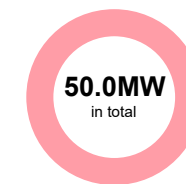
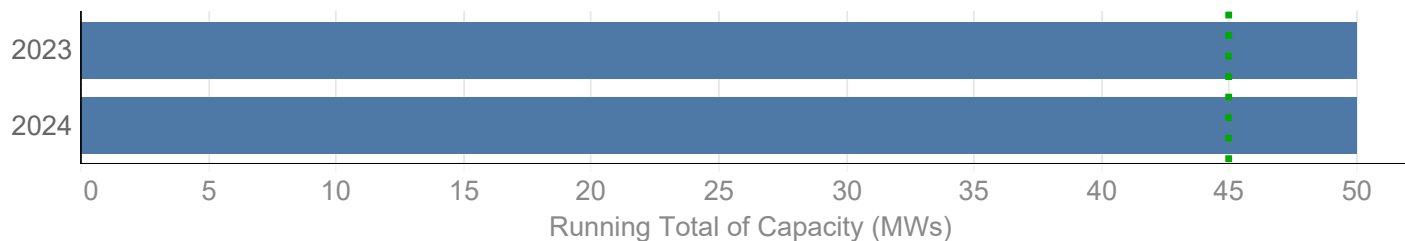
◆ Solar Photovoltaic

## E2: Decarbonise how we heat buildings, adding at least 10TWh of low carbon heating by 2024



◆ Ground/Water SHP    ◆ Solar Thermal    ◆ Air SHP

## E3: Increase diversity & flexibility of electricity supply, adding at least 45MW of diverse & flexible load by 2024



◆ Battery

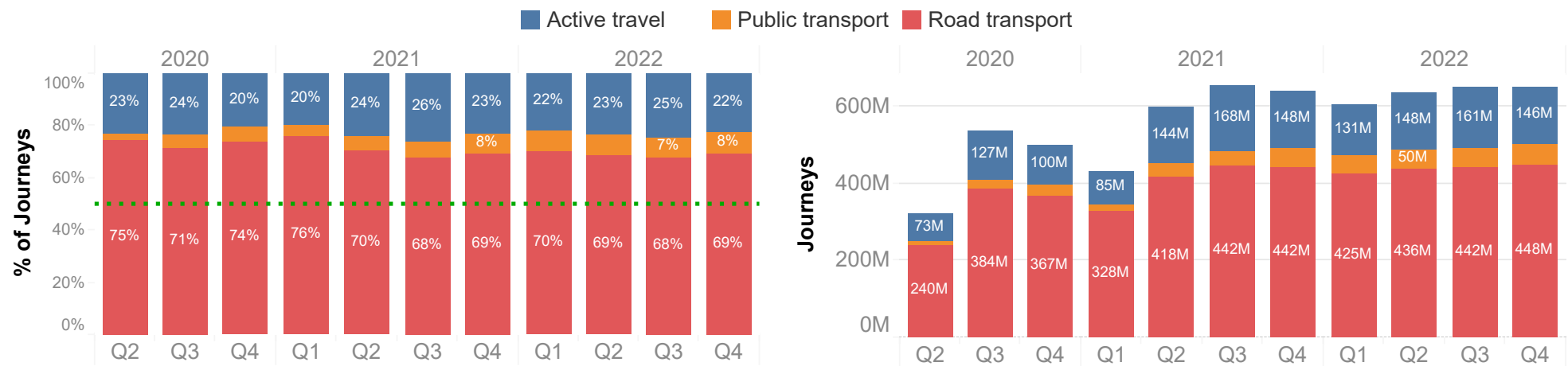
Journey mode

Journey quarter

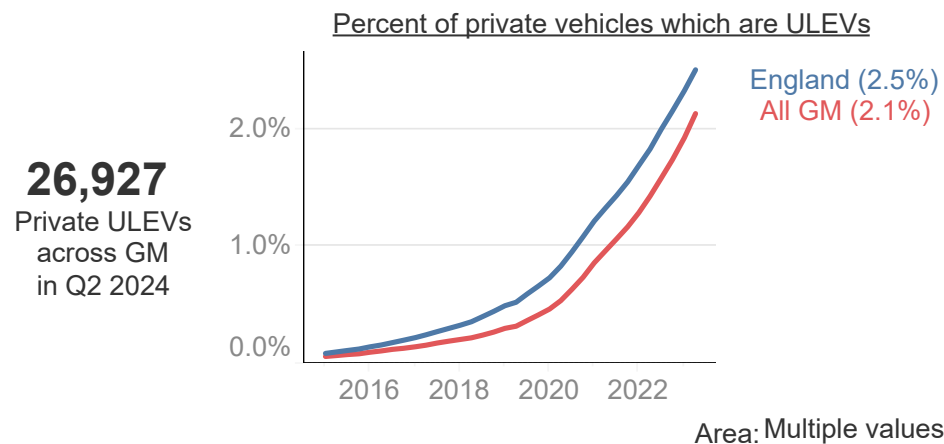
All

All

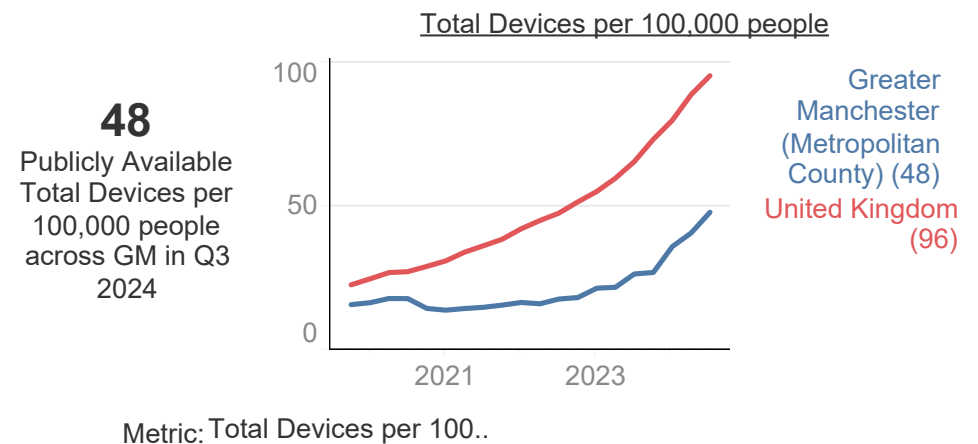
## T1: Reduce car use to no more than 50% of daily GM trips by 2040 (with the remaining 50% made up of public and active travel)



## T2: Support expansion to 200,000 EVs in GM by 2024

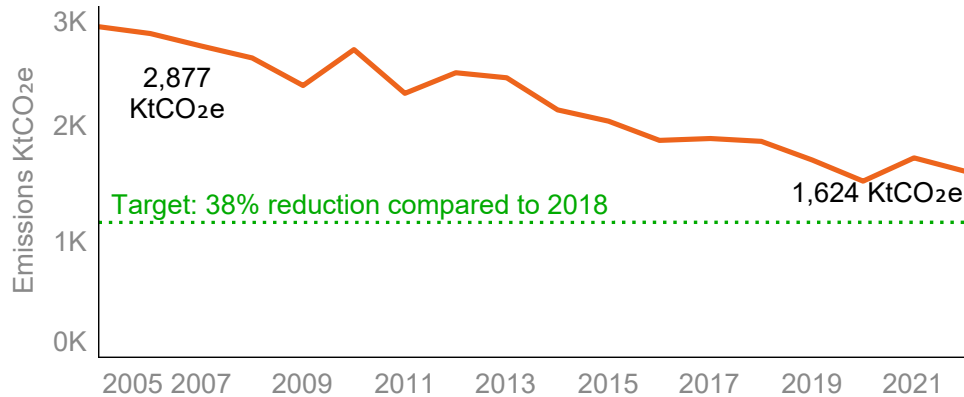


## T2: Increase the number of publicly accessible EV charging points



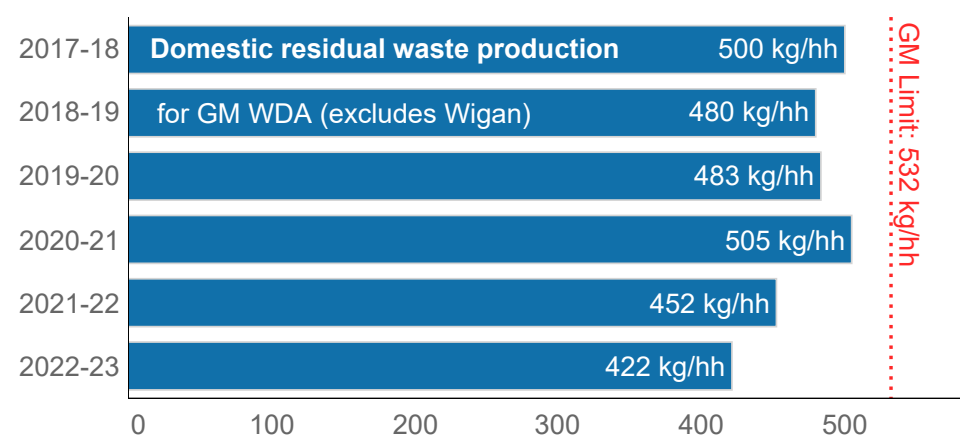
Filter data by area: Greater Manchester

## SCP1: Reduce industrial emissions by 38% by 2025

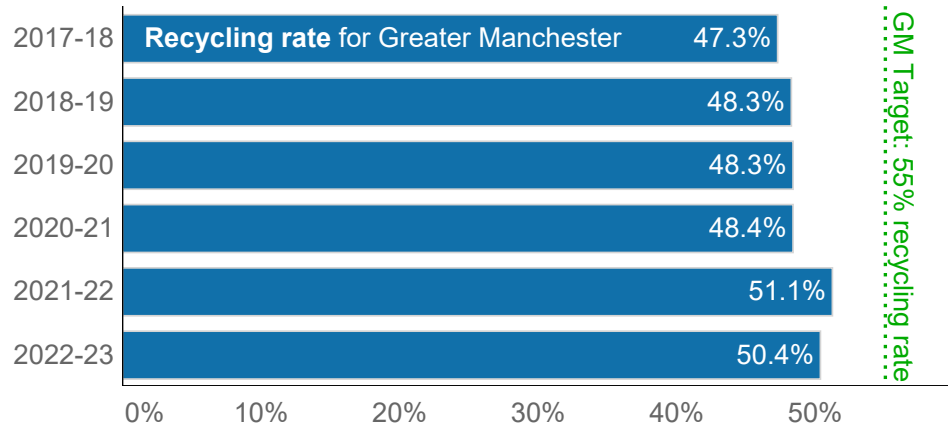


GHG: Carbon Dioxide (C..) Source: All

## SCP2: Limit any increase in 2018 levels of waste to 20% by 2024



## SCP3: Achieve a recycling rate of 55% by 2024

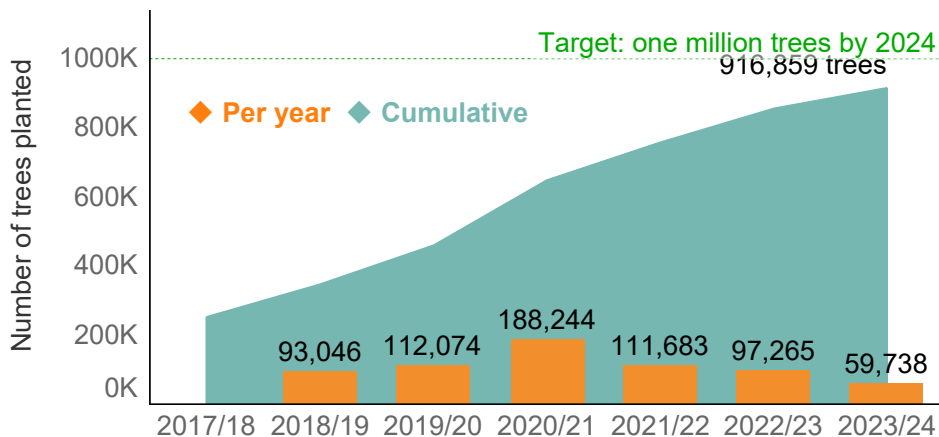


## In development

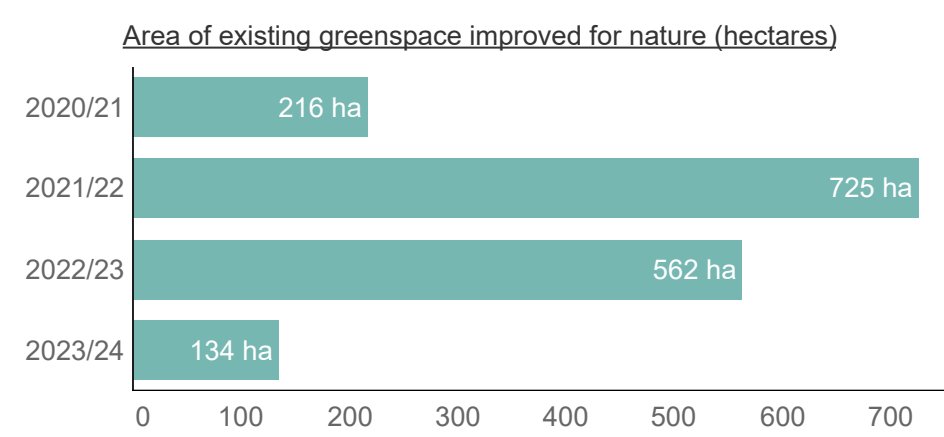


In development

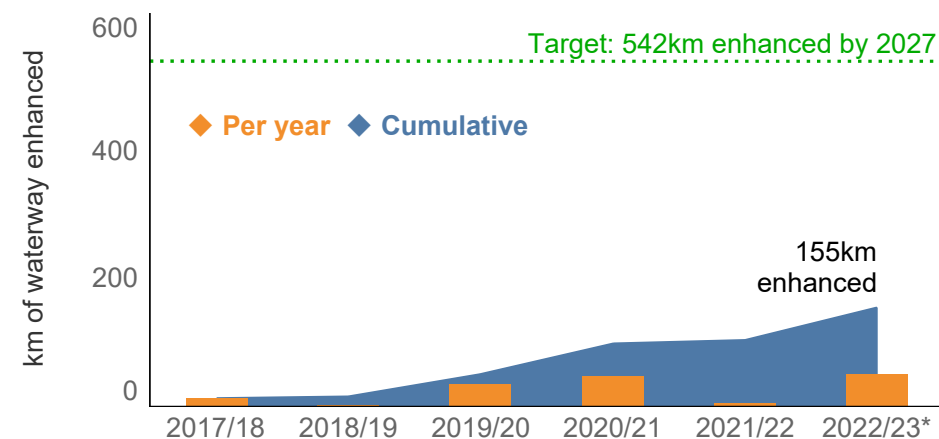
## NE1: Plant one million trees by 2024



## NE1: Improve existing areas of greenspace for nature



## NE2: Enhance 542km of waterways by 2027



## NE5: Increase engagement with natural environment

