

Manchester

Climate Change Strategy 2017-50

Implementation Plan 2017-22

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Manchester's Climate Change Strategy for 2017-50 sets out the commitment for the city to play its full part in limiting the impacts of global climate change, locally and globally and to become zero carbon, zero waste, and climate resilient by 2050. The strategy has five headline objectives: sustainable economy and jobs; healthy communities; resilience to climate change; zero carbon; culture change.

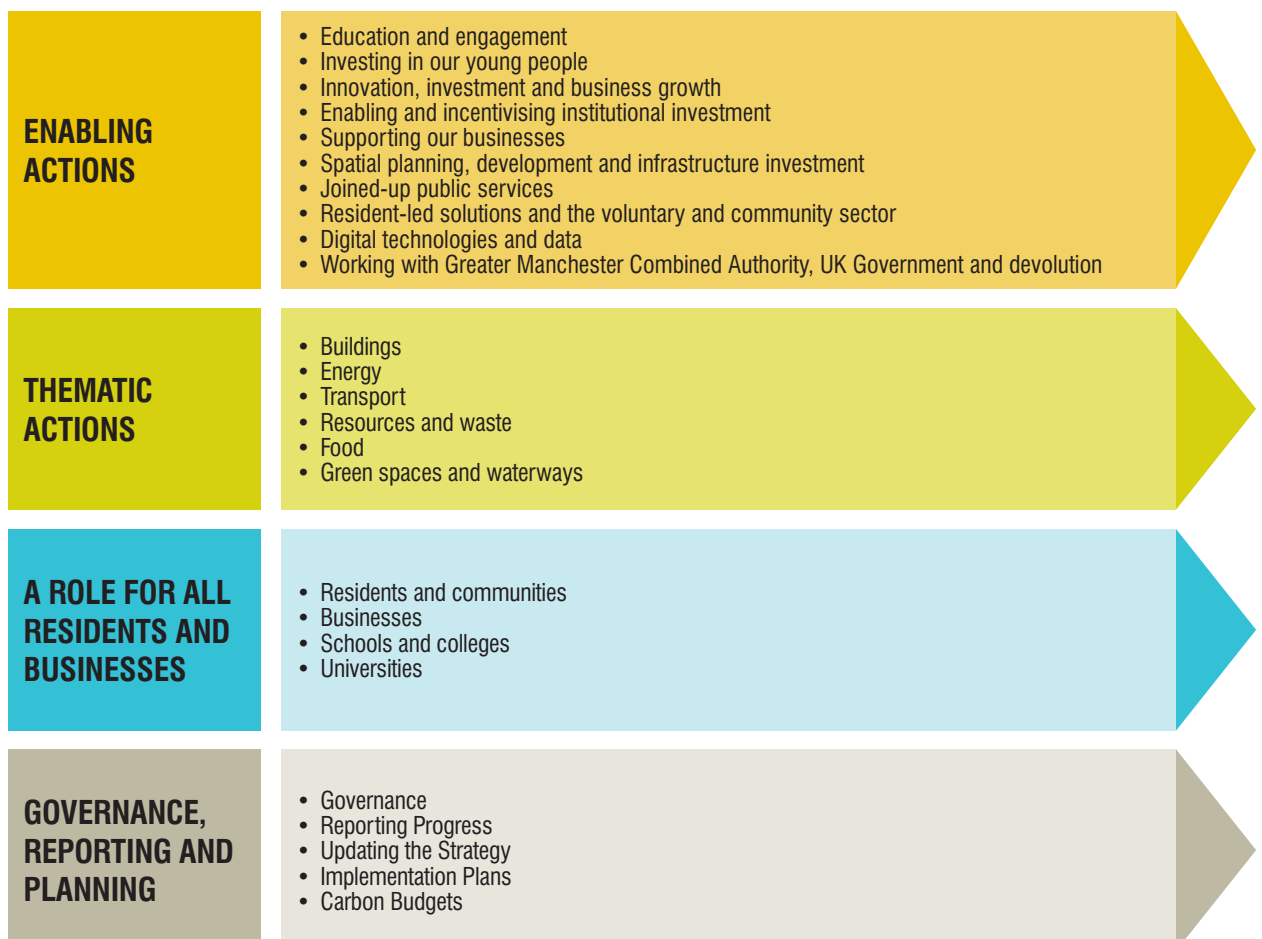
Implementation plans set out the actions to be delivered within a given five-year period, to both make progress against the strategy's objectives and to undertake preparatory work that will enable progress to be made in future five-year periods. The actions in these plans are the strategic actions that will help to drive, enable and support Manchester's physical and cultural transformation to 2050 and beyond. By their nature, these actions will need to be delivered by key organisations and partnerships in the city.

In addition to the actions set out in implementation plans, residents, schools, colleges, third sector

organisations and businesses all have a critically important role to play, as part of their day-to-day lives and operations. This collective action is key to the strategy's successful delivery. Further information on how stakeholders can get involved and benefit from action on climate change is at:

www.manchesterclimate.com/getinvolved

This is the strategy's first Implementation Plan. It is structured according to the sections in the strategy, to ensure that the strategy's commitments are transparently and clearly being taken forward. A number of the actions are based on those set out in the Greater Manchester Climate Change Strategy Implementation Plan 2017-20, recognising that, rather than creating new Manchester-specific actions, it will be more effective in some areas for Manchester to participate fully in city-region-wide programmes. This implementation plan should be read alongside GM climate change plans for a complete view of the strategic climate change actions to be delivered in Manchester over the next five years.



Implementation Plan 2017-22

		ENABLING ACTIONS		
		By 2022, unless stated, we will...	Lead	Partners
Educating and engagement	EA1	Deliver citywide campaigns to inspire and motivate stakeholders to act.	MCCA	MCC, universities, housing providers
	EA2	Use arts and culture to engage people in new and interesting ways to take action on climate change.	Manchester Cultural Partnership	MCC, universities, Manchester Youth Council, MCCA
	EA3	Roll out Carbon Literacy training to residents, students and businesses in Manchester.	Carbon Literacy Project	Housing providers, universities, MCCA
Investing in our young people	EA4	Develop a skills and employability programme to link school, college and university leavers with local training and employment opportunities.	MCCA	MCC, Universities, colleges, schools, New Economy, MCC, Manchester Youth Council
	EA5	Support young people to actively participate in climate change policy-making in Manchester and assist them in delivering climate change campaigns to influence their peers and other stakeholders in the city.	Manchester Youth Council	MCC, MCCA, universities, UpRising, MEEN, Carbon Literacy Project
Innovation, investment and business growth	EA6	Provide support to help Manchester businesses to develop and supply the goods and services needed to create a zero carbon, zero waste, climate resilient city.	Manchester Growth Company	GMCA, Chamber of Commerce, Federation of Small Businesses, universities
	EA7	Establish Manchester Climate Change Partnership (2017) and other initiatives to create the 'spaces' and secure the resources required to facilitate the development and delivery of innovative solutions to climate change, using Manchester as a testbed and the platform for roll-out to other cities.	MCCA	MCC, universities, Manchester New Economy, private sector partners
Enabling and incentivising institutional investment	EA8	Establish incentives (policy and funding) to support investment by public and private organisations to deliver exemplar low carbon, climate resilient improvements to their estates.	GMCA	MCC
Supporting our businesses	EA9	Establish a business support programme(s) to assist businesses to improve their energy and resource efficiency, and build their resilience to a changing climate.	Manchester Growth Company	Carbon Literacy Project

		By 2022, unless stated, we will...	Lead	Partners
Spatial planning, development and infrastructure investment	EA10	Develop a framework of clear policies and guidance to support and enable the city's development partners to deliver technically and commercially viable low carbon, climate resilient developments and infrastructure, consistent with Manchester's climate change objectives.	MCC	GMCA, developers, UK Green Building Council
	EA11	Work to influence the development of the Greater Manchester Spatial Framework so that it will support the delivery of Manchester's climate change objectives (2017).	MCCA	UK Green Building Council
	EA12	Establish Manchester as a beacon for sustainable design through industry awards and promotion of exemplar low carbon, climate resilient development and infrastructure projects.	Developers	MCC, GMCA, UK Green Building Council
Joined-up public services	EA13	Continue to develop the local evidence base and understanding of the benefits of joined-up action on health and climate change.	Green and Healthy Manchester Partnership	Universities
	EA14	Deliver the Green and Healthy Manchester Programme for joined up action on health and climate change.	Green and Healthy Manchester Partnership	Housing Associations
Resident-led solutions and the voluntary and community sector	EA15	Build capacity and leadership in communities to foster the delivery of community-led activities that deliver positive climate change outcomes and improve local quality of life.	Manchester Green Leaders partnership	Manchester Community Central, MCCA
Digital technologies and data	EA16	Deliver the Triangulum and CityVerve smart city projects and use the lessons learned as the basis of further work to use digital technologies and data to support climate-positive decision-making.	MCC	
Working with GMCA, UK Government and devolution	EA17	Work with GMCA to inform the development of the Greater Manchester Climate Change Strategy for 2020+, with a view to it including long-term objectives that are consistent with the Paris Agreement (2017-20).	MCCA	GMCA, all Manchester stakeholders
	EA18	Encourage GMCA to work with UK Government to establish a Greater Manchester carbon budget that is consistent with the UK's contribution to the Paris Agreement, and establish devolved powers and funding required to help meet the budget.	MCCA	GMCA

		THEMATIC ACTIONS		
		By 2022, unless stated, we will...	Lead	Partners
Buildings	B1	Support Manchester's development sector to work with Manchester City Council to set clear policies for development that is consistent with the city's climate change objectives, and build capacity to enable them to help deliver the policies.	UK Green Building Council	MCC, MCCA
	B2	Investigate options and feasibility for developing new and expanding existing Council initiatives to incentivise and enable domestic retrofit e.g. energy efficiency linked Council tax bandings, expansion of the HELP loan for energy efficiency improvements, etc.	Carbon Co-op	MCC, MCCA
	B3	Work with GMCA to investigate the potential to adopt a Greater Manchester domestic retrofit strategy and a city-region-wide programme(s) that would result in existing homes becoming zero or very low carbon, and climate resilient in line with Manchester's climate change objectives.	MCCA	MCC, GMCA, Carbon Co-op, housing providers, universities
	B4	Identify and secure funding opportunities to invest in energy efficiency programmes, particularly focusing on fuel poverty challenges for the city's residents. Including securing/influencing ECO funding to enable maximum benefit to Greater Manchester.	GMCA	MCC, UK Government, Carbon Co-op, energy companies
	B5	Encourage non-domestic retrofit and promote initiatives that support owners, landlords and tenants to improve energy performance and climate resilience of existing buildings.	GMCA	UK Green Building Council
Energy	E1	Ensure Manchester participates fully in the programme of energy activities in the Greater Manchester Climate Change Strategy Implementation Plan.	MCCA	MCC, GMCA
	E2	Deliver the Civic Quarter Heat Network and develop the next phases of city centre heat network deployment.	MCC	GMCA
	E3	Develop the evidence base and route map to enable 100% clean energy to be supplied to Manchester by 2050.	MCCA	GMCA, MCC, Greater Manchester Community Renewables, universities, ENW
	E4	Work with UK government to develop a framework that ensures that Manchester plays an active role in deciding on where, when and how Government-backed funding programmes are implemented on-the-ground.	GMCA	MCC
	E5	Establish leadership within public sector estates for development of renewable energy in/on buildings in Manchester.	Corridor Manchester	MCC, University of Manchester, Manchester Metropolitan University, Central Manchester Hospital, RNCM.

		By 2022, unless stated, we will...	Lead	Partners
Transport	T1	Implement Manchester's five-year local transport delivery plans and work with TfGM and local stakeholders to identify options for further potential additions and improvements to the plans and the Greater Manchester Transport Strategy 2017-40, to ensure alignment with Manchester's climate change objectives. In particular recognising the city's views and commitment to shift from private car use and make Manchester a walking and cycling city, aiming to secure £20 per person per year for long-term investment in these areas.	MCC	TfGM, MCC, GMCA, MCCA
	T2	Undertake research to identify how Manchester can best prepare for the introduction of an international agreement on aviation emissions and carbon management options available in the meantime.	MMU	Manchester Airport
Resources and waste	R&W1	Undertake research to investigate the feasibility of Manchester becoming a zero waste city by 2050 and the development of a delivery plan	MMU	GMCA, GM Waste Disposal Authority, MCC, MMU Waste 2 Resources Innovation Network
	R&W2	Implement carbon related objectives in the Greater Manchester Joint Waste Development Plan	GMCA	MCC, GMWDA
	R&W3	Provide guidance to home owners on reducing waste and improving resource efficiency	MCC, GMWDA	MCCA
Food	F1	Investigate the pathways to assist citizens to adopt more sustainable and healthy food habits, including the potential to reduce meat consumption to sustainable levels.	UoM	Manchester Food Board
Green spaces and waterways	G&B1	Oversee and champion the successful delivery of the Manchester Green and Blue Infrastructure Strategy 2015-25 and implementation plans for 2015-18 and 2019-22	Manchester Green & Blue Infrastructure Group	Various
	G&B2	Establish how much carbon is sequestered by Manchester's green infrastructure and a mechanism for ongoing monitoring	Universities	Manchester Green & Blue Infrastructure Group

ACTION BY ALL STAKEHOLDERS				
		By 2022, unless stated, we will...	Lead	Partners
Residents and communities	S1	Provide information and support for residents and communities, and share best practice to help inspire action across the city.	MCCA	MCC, housing providers
Businesses	S2	Provide information and support for businesses, and share best practice to help inspire action across the city.	Manchester Growth Company	MCCA, Chamber of Commerce, Federation of Small Businesses
Schools and colleges	S3	Provide information and support for schools and colleges, and share best practice to help inspire action across the city.	MEEN	Manchester Youth Council, MCC, MCCA, Carbon Literacy Project
Universities		<p>Across the three main areas of university activities embed action on climate change as a core activity for University of Manchester and Manchester Metropolitan University:</p> <ul style="list-style-type: none"> - Teaching and student experience – to create carbon literate graduates with strong prospects and routes to employment. - Research – to help create innovative solutions to climate change and track the city’s progress. - Estates and processes – towards becoming leading zero carbon, zero waste, climate resilient organisations. 	UoM, MMU	MCC, MCCA, GMCA

GOVERNANCE, REPORTING AND PLANNING				
		By 2022, unless stated, we will...	Lead	Partners
Governance	G1	Undertake periodic reviews of the strategy’s governance structure to ensure it best supports and enables the strategy’s successful implementation.	Our Manchester Forum	MCCA
Monitoring and Reporting Progress	G2	Monitor and communicate progress on an ongoing basis through www.manchesterclimate.com and through a publicly available annual report.	MCCA	
Updating the Strategy, Implementation Plans and Carbon Budgets	G3	Develop five-year carbon budgets for the three scenarios set out in the strategy and adopt the GPC protocol (2017).	Manchester CO ₂ Monitoring Group	Universities, MCCA, GMCA
	G4	Develop the key performance indicators to enable progress against the strategy’s objectives to be monitored (2017).	MCCA	Universities, GMCA
	G5	Refresh the strategy to take account of developments in international and national climate science and policy, to include an overall carbon budget for Manchester, and the carbon budget for 2023-27.	MCCA, Manchester CO ₂ Monitoring Group	All city stakeholders

Abbreviations

GMCA Greater Manchester Combined Authority
MCC Manchester City Council
MCCA Manchester Climate Change Agency

MEEN Manchester Environmental Education Network
MMU Manchester Metropolitan University
UoM University of Manchester

Published by:

MANCHESTER CLIMATE CHANGE AGENCY

on behalf of the City of Manchester

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