



Bury Council

Climate Action Plan 2021

We want Bury to be carbon neutral by 2038 to clean the air, protect our environment, and care for the health and wellbeing of our communities

Let's do it...

For our planet

For each other

For future generations

Contents

What is a Climate Action Plan?	2
Community Engagement.....	3
The Aim of this Plan	5
Priority Action Areas.....	7
Energy Supply	8
Homes, Workplaces and Public Buildings	11
Low-Carbon Travel	15
Consumption & Waste	19
Food	22
Natural Environment.....	25
Green Economy.....	299
Environmental Justice.....	322
Climate Resilience and Adaptation	344
Key Performance Indicators	377
References.....	411



What is a Climate Action Plan?

The Climate Action Strategy explains why we're doing, what we're doing and what we hope to achieve.

Our Climate Action Plan is a more fluid document that will be annually updated, tracking our progress, and highlighting where more work is needed.

All of us have a responsibility to get involved and there are things listed here that we can all do, not just the Council. As we all progress, the Action Plan will keep track of the different projects across different departments, groups, and organisations throughout the borough.

This document will help us stay on track towards our end goal of carbon neutrality and provide as much accountability and transparency as possible.



Community Engagement

Bury consists of six Townships which are then organised into five neighbourhoods: North (including Tottington and Ramsbottom), Bury East (including Bury), Bury West (including Radcliffe), Prestwich, and Whitefield.

Climate Action Forums

Climate Action Forums will be established in each of these five neighbourhoods and provide us with a way to engage with local communities. These Forums will enable us to disseminate updates and information relating to the climate agenda as efficiently as possible. They will also provide people with the chance to voice their thoughts, ideas, and opinions. Given the ubiquitous nature of climate change, it's important that everyone is engaged with, and no one is left behind.

We understand there are existing groups already doing great work to support the Climate Change Agenda. The Climate Action Forums are not designed to supersede them, but to work alongside them to progress climate action in the community.

Through these Forums we expect to see new grassroots projects and initiatives established and the Council will be better able to lend support where possible.

Community Climate Champions

Many of us are worried about climate change and the surrounding environmental issues. It is fantastic that so many are already involved in climate action, but we need to reach everyone, including those who are uninterested or unknowing.

Through a network of Community Climate Champions, we'll provide information and guidance to start having those conversations and be the voice in the room who speaks up for the planet.

Community Climate Action Fund

As part of the Council's 2021/22 budget, we have established a Community Climate Action Fund totalling £100,000 which will be used in conjunction with other community funds to promote local action groups and their projects.

Through this funding we plan to help residents and communities better engage with the issues and the solutions and get as many people involved and taking action towards a more sustainable future.

Opening later this year to bids, the Community Climate Action Fund will be distributed across the six townships in Bury and successful bids will need to demonstrate how they will help us move towards a carbon-neutral future while having a positive impact on our local communities.



The Aim of this Plan

Our end goal is reaching carbon neutrality by 2038, if possible, even sooner.

To get there, there is much we need to do. We need to engage with and encourage every part of the council as well as external stakeholders, local businesses, and the community, as we all have a part to play.

We believe that through this document and the new methods of engaging with our local communities we can open a new more-collaborative two-way dialogue that pushes you to make small changes while you push us to make big changes.

As we stressed in the Strategy, we as a Local Authority can only do so much with the resources we have, and many solutions are dependent upon national legislation or standards. In order to best communicate this, the Action Plan has been split into nine Priority Action Areas and these are further separated into:

- National Government actions we would support
- GMCA actions we would participate in
- Council actions we can lead on
- Individual actions we need you to do

We plan to use this document to keep track of the actions we can directly influence as well as actions relating to the GMCA. We plan to establish a Climate Action Board made up of Council Officers, Councillors, external stakeholders, community representatives and representatives of the Climate Action Forums to oversee the progress made against this action plan. The Board will meet on a quarterly basis and will offer strategic direction and

suggestions at a Council level that will promote climate action across a wide breadth of stakeholders.

In order for us to keep track of progress we will categorise actions using:



While the classifications will be subjective, we will be better equipped to see for ourselves and demonstrate to the public the progress we are making. As the Climate Action Plan progresses over the coming years the Council may look to alter the classification system to ensure we show where we may be off-track.

The next Action Plan reassessment will be in September 2022.



Priority Action Areas

1. Energy Supply
2. Homes, Workplaces & Public Buildings
3. Low-Carbon Travel
4. Consumption & Waste
5. Food
6. Natural Environment
7. Green Economy
8. Environmental Justice
9. Climate Resilience & Adaptation

Energy Supply

National actions the Council would support:

- Introducing policies requiring all new developments to be carbon-neutral, feature renewable heating systems and renewable energy generation
- Introducing policy and attractive incentives to encourage renewable energy generation
- Further investment in relevant technology
- UK-wide schemes increasing employment in relevant industries
- Further funding allowing Local Authorities to take stronger action
- Bringing forward the target date of a decarbonised electricity grid from 2050 to 2038

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Working with the private sector to install future electrical infrastructure	Early Stages	<ul style="list-style-type: none"> • A Local Area Energy Network Plan has been developed showing initial data on what our transition to carbon neutrality will look like
Working with all relevant partners to develop business models that make renewable energy more attractive	Early Stages	<ul style="list-style-type: none"> • A Local Area Energy Network Plan has been developed showing initial data on what our transition to carbon neutrality will look like. This will facilitate future decision making • GMCA developing a “Retrofit Accelerator” scheme to make renewable energy systems more accessible and financially attractive
Working with our educational facilities to grow the technical skillset required to deliver renewable heat and energy systems	Not started	<ul style="list-style-type: none"> • n/a

Developing the Go Neutral project to better understand our options around renewable energy generation	Early Stages	Ongoing work with the GMCA to identify locations most suitable for our future energy needs
Council actions that we can lead on:		
Delivering local exemplar projects demonstrating renewable heat and energy systems in Six Town Housing properties	Early Stages	<ul style="list-style-type: none"> 90 Six Town Housing properties retrofitted with air source heat pumps Six Town Housing to work with Bury Council to submit bids to the Social housing Decarbonisation Fund
Retrofitting Council-owned assets with renewable heat and energy systems	Early Stages	<ul style="list-style-type: none"> Awarded £8.5 million under the Public Sector Decarbonisation Scheme to decarbonise 14 public buildings
Procuring the Council's electricity from renewable sources	Discussion Stage	<ul style="list-style-type: none"> Business case being investigated
Working with our business community to develop a robust network of service providers that can deliver new renewable heat and energy systems	Early Stages	<ul style="list-style-type: none"> GM Green Growth Company provides support to companies, but we need to do more work to support businesses
Incorporating considerations around carbon-neutrality into Council decision-making processes	Early Stages	<ul style="list-style-type: none"> Currently a consideration for all Cabinet reports
Producing an annual greenhouse gas report on emissions relating to Council operations	Ongoing	<ul style="list-style-type: none"> Annual report produced and reported on the website
Setting measurable indicators to monitor progress towards	Early Stages	<ul style="list-style-type: none"> CAP includes indicators relating to the 9 Priority Action Areas

our 2038 carbon-neutral target		
Aligning all Council plans and policies with our 2038 carbon-neutral target	Early Stages	<ul style="list-style-type: none"> • Bury 2030 Strategy commits to carbon-neutrality by 2038 • Housing Strategy aligns with these carbon targets
Investigating the feasibility of renewable energy systems (hydro, solar, wind) generation within Bury	Early Stages	<ul style="list-style-type: none"> • Drawing up a list of council assets that could support renewable or smart energy solutions as part of the Go Neutral project
Working with local communities to provide more information on options available relating to renewable heat and energy systems	Early Stages	<ul style="list-style-type: none"> • GMCA developing a “Retrofit Accelerator” scheme to help communities to switch to renewable heat • Lots of information already available but more needs to be done at the Bury Council level to promote these materials and encourage action

Individual actions that we need you to do:

- Switching your energy supplier to a renewable supply
- Upgrading your appliances to energy efficient products
- Turning off appliances/lights and avoiding standby
- Working with your community to develop community energy generation
- Installing renewable energy systems at home
- Installing smart meters to better understand energy use

For more info visit:

- [Energy Savings Trust](#)
- [Ofgem – Domestic Renewable Heat Incentive](#)
- [Carbon Trust - Renewable Energy Guide](#)
- [CSE – Renewable Energy](#)
- [Home Building – Renewable Energy](#)

Homes, Workplaces and Public Buildings

National actions the Council would support:

- Regularly reviewing and upgrading minimum energy efficiency standards for commercial and domestic properties and providing Local Councils with adequate resources to enforce
- Providing direct funding to Local Councils allowing them to design and deliver a strategic approach around carbon-neutral properties
- Establishing a national “zero-carbon” definition and methodology for its implementation which can be quickly implemented through our planning and building control system

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Developing across Greater Manchester innovative ways of financing and delivering domestic retrofitting	Early stages	GMCA have started to develop a Local Energy Market
Promoting the financial benefits of energy-efficient domestic retrofitting to increase buyer demand	Not started	<ul style="list-style-type: none"> • n/a
Developing incentives that will encourage private social landlords to retrofit their properties with renewable heat and energy systems	Discussion Stage	<ul style="list-style-type: none"> • Work continues through Registered Providers and affordable housing
Requiring all new developments to be carbon-neutral by using technologies such as Air Source Heat	Discussion Stage	<ul style="list-style-type: none"> • To be achieved through the implementation of the Places for Everyone Strategy

Pumps, Solar Panels, Sustainable Urban Drainage methods and Electric Vehicle Charging Points.		
Council actions that we can lead on:		
Explore utilising a nationally recognised carbon-neutral housing standard such as Passivhaus	Not started	<ul style="list-style-type: none"> n/a
Engaging with social-housing providers to explore how they could speed up the transition to carbon-neutral housing	Early Stages	<ul style="list-style-type: none"> Established a Joint Commissioning Partnership with Registered Providers across the borough to ensure carbon neutrality is front and centre of new Council homes
Ensuring that all new Council built homes are to a carbon-neutral standard	Discussion Stage	<ul style="list-style-type: none"> Discussions with Business Growth and Infrastructure Department
Gathering data on the state of Bury's private and public sector housing stock to establish a baseline position	Early Stages	<ul style="list-style-type: none"> Energy Systems Catapult have completed a GM-wide stock survey on behalf of the GMCA Six Town Housing to complete a stock survey on Bury Council housing
Upgrading Local Authority housing stock to carbon-neutral standard as part of pilot schemes	Early stages	<ul style="list-style-type: none"> Plans to bid for Social Housing Decarbonisation Fund, which if successful would progress the decarbonisation of a significant number of Six Town Homes.
Improving the carbon literacy of our residents, businesses, and council employees	Discussion Stage	<ul style="list-style-type: none"> Beginning to look at implementing an internal carbon literacy programme
Collaborating with and encouraging all relevant	Early Stages	<ul style="list-style-type: none"> Working with Fire & Rescue and Police Service as part of the Public Sector Decarbonisation Scheme

partners to move towards carbon-neutrality		<ul style="list-style-type: none"> • Collaboration as part of the One Public Estate project Potential for GMCA project to look at renewable energy across public sector assets • Working with the Fire Service regarding carbon literacy
Developing a Scheme Delivery Framework so that when funding opportunities arise, we can be bid-ready in a timely manner	Early Stages	<ul style="list-style-type: none"> • Stock condition audit is now complete which should help us to identify potential for future bids
Designing and implementing a planned programme to energy audit and decarbonise all Bury Council's corporate buildings and local schools	Early Stages	<ul style="list-style-type: none"> • Awarded £8.5 million under the Public Sector Decarbonisation Scheme to decarbonise 16 public buildings
Working with Six Town Housing to implement Greater Manchester's Landlords Combined Climate Strategy	Early Stages	<ul style="list-style-type: none"> • Operational gas supplied should be by green energy. Small scale projects in the pipeline to demonstrate deep energy retrofitting • Projects under development to improve carbon literacy of staff and tenants • Proposed bid for Social Housing Decarbonisation Fund to decarbonise a significant number of Six Town Homes
Developing a plan to bring all currently built public and privately-owned housing into carbon-neutrality by 2038 and SAP C rating by 2025	Early Stages	<ul style="list-style-type: none"> • Work is being factored into Six Town Housings programme around repairs and upgrades • Energy Systems Catapult – Local Area Energy Plan will provide a starting point for this • Stock condition survey has now been completed

Working with our business community to develop a robust network of service providers that can deliver energy-efficiency upgrades	Early Stages	<ul style="list-style-type: none"> • GMCA developing a “Retrofit Accelerator” scheme to identify local providers to deliver zero carbon upgrades for our communities. • More needs to be done at a Bury Council local level
Providing more information to residents regarding energy efficiency, grants and schemes as they become available and planned Council initiatives	Discussion Stages	<ul style="list-style-type: none"> • Lots of information is already available but more work needs to be done by the Council to highlight what is available

Individual actions that we need you to do:

- Insulating your loft and cavity walls
- Fitting double glazing
- Changing habits and reducing energy usage
- Reducing water and energy consumption

For more information:

- [Energy Savings Trust – Home Improvement Projects](#)
- [Quick Tips to Save Energy](#)
- [Carbon Co-op](#)

Low-Carbon Travel

National actions the Council would support:

- Providing more powers and longer-term funding to deal effectively with air quality, congestion, and improving public transport
- Delivering the £1.5billion investment in walking and cycling infrastructure across GM to deliver the “Made to Move” vision
- Developing a fully devolved long-term infrastructure budget for GM as recommended in the National Infrastructure Assessment
- Facilitating tram-train trials to enable substantial expansion of the rapid transit network
- Piloting low-carbon alternatives such as hydrogen for HGVs and heavier vehicles
- Tackling emissions from aviation
- Funding national pilot schemes to encourage use of shared transport schemes such as car clubs
- Requiring developers to fully consider active and public transport instead of prioritising personal cars when designing new developments

Action	Progress	September 2021
GMCA/TfGM actions the Council would participate in:		
Improving the connections between different modes of sustainable travel	Early Stages	<ul style="list-style-type: none"> • TfGM submitted proposals to upgrade cycle parking at every metro link station using the Mayors Challenge Fund
Using the licensing regime to require all taxis and private hire vehicles to be electric by 2029	Early Stages	<ul style="list-style-type: none"> • Under Minimum Licencing Standards, requirements proposed for all licensed taxis to be Ultra-Low Emission Vehicles (ULEVs) by 2029
Ensuring all buses become ULEVs	Early Stages	<ul style="list-style-type: none"> • Retrofit funding is in place to help providers to reduce bus emissions and 1.5% of buses across GM are now low-carbon emission buses
Where feasible, giving priority to public transport over other motor traffic to promote sustainable orbital inter-town travel	Discussion Stage	<ul style="list-style-type: none"> • There are existing bus lanes on several of Bury’s roads. TfGM are pushing to give greater priority to buses

Providing more flexible and affordable payment and ticketing options	Ongoing	<ul style="list-style-type: none"> TfGM plans to franchise the bus service in Greater Manchester have been approved which will improve service and better regulate ticket prices
Replacing Bury's Bus Rail interchange to provide a modern and user-friendly facility	Discussion Stage	<ul style="list-style-type: none"> Discussions have recently begun
Implementing the GM Clean Air Plan and associated Clean Air Zone (CAZ)	Ongoing	<ul style="list-style-type: none"> Clean Air Zone to begin in May 2022
Developing a plan to reduce freight emissions and support a modal shift toward increased efficiency and alternative fuels for HGVs	Discussion Stage	<ul style="list-style-type: none"> GM is reviewing its freight strategy to ensure it meets future environmental requirements. This includes measures within the Clean Air Plan and planning for a long-term roadmap to zero emissions
Promoting the implementation of the GM wide bike-sharing programme which will include e-bikes	Early Stages	<ul style="list-style-type: none"> The Bee Network is under-development and Bury will be a part of the docked bike rental scheme
Aiming to reduce associated emissions from aviation at Manchester Airport	Not started	<ul style="list-style-type: none"> n/a
Council actions that we can lead on:		
Developing and promoting active travel and the 15-minute neighbourhood concept as part of the proposed neighbourhood and town-centre regeneration schemes to create thriving and sustainable spaces	Early Stages	<ul style="list-style-type: none"> Bury, Radcliffe and Prestwich town centres are currently drawing up redevelopment plans which include the 15-min neighbourhood concept TfGM submitted bid to central Government regarding Active Travel Revenue Funding which will look at travel methods into town centres
Developing exemplar projects where priority is given to cyclists and pedestrians rather than to motor vehicles	Ongoing	<ul style="list-style-type: none"> Trial LTN implemented at Garside Hey More LTNs planned at Fishpool, Heaton Park and Pimhole

Developing and improving walking and cycling infrastructure and provide routes for people to feel safe whilst walking and cycling	Early Stages	<ul style="list-style-type: none"> Construction of Cyclops Junction at Angouleme Way/Market Street begins summer 2021 Mayor's Challenge Fund Scheme to develop the Bee Network
Developing an e-car club across Bury	Ongoing	<ul style="list-style-type: none"> Proposed e-car pilot project working with TfGM and Manchester City Council
Developing the electric vehicle charging infrastructure to support large scale rollout of electric vehicles	Ongoing	<ul style="list-style-type: none"> Two rapid chargers installed in Bury town centre Funding in place for widening the EV charging infrastructure including TfGM funding acquired for taxi rapid charging hubs and a TfGM bid being submitted for chargers aimed at residents without access to off-street parking. GM Electric Vehicle Charging Infrastructure Strategy currently drafted likely to be released this, Autumn.
Decarbonising the council fleet	Early Stages	<ul style="list-style-type: none"> Installing electric vehicle charging infrastructure at Bradley Fold depot and converting where possible to electric vehicles as part of the £10 million fleet upgrade project.
Work with employers to encourage home working, where possible, continuing patterns established during the pandemic lockdown	Early Stages	<ul style="list-style-type: none"> Council have adopted an agile working environment.
Working with schools to increase active travel and reduce travel-associated carbon emissions	Ongoing	<ul style="list-style-type: none"> Project being implemented that will directly measure air quality outside schools providing them with data around the school run Move More Officers have been hired by the Council to work with schools to drive forward this agenda

Working with our NHS and health partners to better communicate the health-related issues of climate change	Early Stages	<ul style="list-style-type: none"> More research is coming out about the health impacts of climate change but more needs to be done in terms of further collaboration across departments
Encourage businesses to reduce business travel. e.g., by the use of video conferencing	Discussion Stage	<ul style="list-style-type: none"> More work to be done in collaboration with our local businesses but the Council are leading the way by implementing an agile work model
Reduce Council staff and Councillor use of cars and reduce travel where possible	Early Stages	<ul style="list-style-type: none"> The introduction of agile working and Microsoft Teams meetings has reduced staff travel More work to be done to encourage Council officers and Councillors to use active travel methods and public transport to attend meetings
Work with businesses to discourage employee use of private vehicles	Discussion Stage	<ul style="list-style-type: none"> More work to be done in collaboration with our local businesses

Individual actions that we need you to do:

- Leave the car at home
 - Use public transport
 - Walk or cycle
 - Car share
- Look into the feasibility of an electric vehicle
- Join in with local community groups to promote active travel
- Encourage friends and family to take up active travel

For more information:

- [TfGM Active Travel](#)
- [Road Safety and Traffic Calming – Bury Council](#)
- [Cycling – Visit Bury](#)
- [Walk Ride GM](#)
- [National Cycle Network - Sustrans](#)
- [Zapmap – Electric vehicle charging points](#)

Consumption & Waste

National actions the Council would support:

- Reducing waste and increasing recycling within public sector organisations such as the NHS
- Encouraging a more sustainable approach to consumption which incorporates greater re-use, recycling and repairing rather than throwing away, moving from a linear economy to a circular economy
- Demanding supermarkets to reduce packaging
- Improving resource efficiency across the commercial sector
- Publishing an updated Waste Strategy

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Increasing the life of products by facilitating more outlets for servicing and repair	Early Stages	<ul style="list-style-type: none"> • Products suitable for re-use collected at the Household Waste Recycling Centres in Bury will be available at three re-use shops across GM
Encouraging re-manufacturing - where items are returned to the original manufacturer to be restored	Not started	<ul style="list-style-type: none"> • n/a
Council actions that we can lead on:		
Increasing recycling rates with a wider range of materials collected for recycling	Ongoing	<ul style="list-style-type: none"> • Recycling rate currently at 58% Continual outreach and comms work required
Aiming for no biodegradable waste to landfill by 2030	Ongoing	<ul style="list-style-type: none"> • 98.3% of municipal waste is not sent to landfill. The majority of the residual waste goes to an Energy from Waste site

Working within the Council and with our communities to avoid single use plastic	Early Stages	<ul style="list-style-type: none"> Target of being single-use plastic free by 2022 identified in the 2030 Strategy
Increasing the number of sustainable businesses in Bury	Early Stages	<ul style="list-style-type: none"> Green Growth Co now lists over a dozen sustainable businesses throughout the borough Green Business event planned for later in the year
Working with local businesses to improve waste reduction	Early Stages	<ul style="list-style-type: none"> Continuing work across Bury and wider-GM to reduce local business waste and provide options regarding waste Green Growth CO have diverted 167,851t of waste from landfill
Tackling the issue of fly tipping within our local communities	Discussion Stage	<ul style="list-style-type: none"> Further enforcement regulations being considered
Incorporating sustainability into all key decisions, plans, policies, and procurement at the Council	Discussion Stage	<ul style="list-style-type: none"> Procurement strategy will be updated to reflect the Bury 2030 objectives and explain how corporate priorities will be embedded into procurement procedures and activity. Climate change and carbon reduction will be included within the process
Encouraging local procurement where possible in Council decisions	Early Stages	<ul style="list-style-type: none"> Council procurement includes a requirement to invite bids from local businesses. Council actively engages with the local construction industry via the Bolton, Bury & Wigan Construction Network
Improving the public's awareness of zero-waste choices	Discussion Stage	<ul style="list-style-type: none"> Participate in GM wide zero waste campaigns

Encouraging people to consider the “whole-life impact” of products	Early Stages	<ul style="list-style-type: none"> • Whole life costing is already incorporated into tender evaluation advice but will be strengthened as new procurement guidance is produced • Using local suppliers and environmental considerations will be further incorporated
Communicating with the public more about recycling and the options around waste reduction	Early Stages	<ul style="list-style-type: none"> • Lots of information is already provided but more to be done with helping people understand how their waste is processed
Promoting local businesses that are demonstrating good environmental practices	Discussion Stage	<ul style="list-style-type: none"> • More work to be done with our local businesses
Working with local schools to reduce waste	Discussion Stage	<ul style="list-style-type: none"> • Plans to liaise more with local schools to help improve waste reduction

Individual actions that we need you to do:

- Avoid producing waste in the first place i.e. reusable bottles for water, buy better quality where possible, etc
- Avoid fast fashion
- Use all available recycling streams
- Get involved with local action groups to promote recycling and waste reduction such as The Big Fandango.
- Write to your local supermarket asking them to reduce their plastic use
- Prioritise buying second-hand clothing over new clothing
- Look to buy second-hand where possible for example by using the Greater Manchester Re-Use shops.
- Aim to avoid plastic when shopping

For more information:

- [Recycle for Greater Manchester](#)
- [Household Waste Recycling Centres](#)
- [Recycling – Bury Council](#)
- [Taking Action - WRAP](#)

Food

National actions the Council would support:

- Requiring reductions in food packaging
- Working with farmers and crop producers on a national scale to encourage uptake of sustainable methods that do not cause financial burden
- Normalising and improving communication around alternative diets

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Carrying out research into the role of consumption related emissions and establishing priorities to reduce these	Discussion Stage	<ul style="list-style-type: none"> • Bury Food Strategy has been developed and further internal work will promote action and drive research
Council actions that we can lead on:		
Promoting a plant rich diet which will reduce overall meat and dairy consumption	Discussion Stage	<ul style="list-style-type: none"> • Partnerships around the Bury Food Strategy are looking at how best to incorporate plant rich diets more
Promoting diets with lower-energy intensity e.g., buying local produce and seasonal goods or buying from more sustainable farms	Early Stages	<ul style="list-style-type: none"> • Requirement for businesses aiming to achieve the Healthy Catering Award Council is currently aiming for the Food for Life Award which includes localism and increased sustainability
Working with communities and businesses to reduce food waste	Discussion Stage	<ul style="list-style-type: none"> • One aim of the Bury Food Strategy is to reduce food waste
Developing our community's knowledge of healthy food	Early Stages	<ul style="list-style-type: none"> • Identified as a Key Action in the Bury Food Strategy School and Bury Adult Learning

		Services continue to promote work around healthy nutrition
Encouraging people to drink tap water and avoid bottled water	Discussion Stage	<ul style="list-style-type: none"> • Refill.org have identified several water fountains across the borough but more work is needed • Move away from bottled water in all council operations
Encouraging diets that include fish from sustainable sources	Discussion Stage	<ul style="list-style-type: none"> • Part of the Food for Life Award criteria
Enabling new local “Grow your own” projects	Early Stages	<ul style="list-style-type: none"> • Incredible Edible are established in Bury and the Council are keen to support where possible • Several nurseries and schools incorporate small-scale food growing
Providing more allotments to grow local food	Discussion Stage	<ul style="list-style-type: none"> • Identified as a Key Action in the Bury Food Strategy
Supporting local independent food outlets	Early Stages	<ul style="list-style-type: none"> • Plans to develop a local food charter and identify a local food lead in Bury Council • Supporting local business will be incorporated into Council procurement decision making
Implementing a sustainable procurement catering plan across the Council	Discussion Stage	<ul style="list-style-type: none"> • See Bury Food Strategy and procurement policies will be reviewed later this year
Working with schools to increase awareness of food sources and sustainability	Early Stages	<ul style="list-style-type: none"> • Lots of work is already taking place to improve sustainability and low-carbon food options in school but more to be done
Liaising with established food bank/pantry networks to ensure food waste is used appropriately	Early Stages	<ul style="list-style-type: none"> • Bury Food Partnership Board brings together a variety of stakeholders and encourages a network of people to reduce food

		waste and support food banks/pantries
Working with our local agricultural sector to help reduce impacts upon the planet	Not started	• n/a

Individual actions that we need you to do:

- Consider the food miles associated with your shopping
- Start growing vegetables in your garden
- Adopt a diet with reduced meat and dairy consumption
- Get involved with local community gardens and orchards

For more information:

- [Climate change food calculator – BBC News](#)
- [Eating for the Planet - WWF](#)
- [Bury Food Strategy](#)

Natural Environment

National actions the Council would support:

- Providing new sources of funding to increase investment in our natural environment
- Placing requirements on developers to incorporate biodiversity net gain
- Placing requirements on developers to include sustainable blue and green infrastructure within new developments

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Planting 3 million trees within 5 years	Discussion Stage	<ul style="list-style-type: none"> • Ongoing work with Cities of Trees to increase tree-planting within the borough
Council actions that we can lead on:		
Having bid-ready projects relating to urban-greening initiatives	Discussion Stage	<ul style="list-style-type: none"> • As town-centre strategies are redeveloped, new projects are likely to be identified
Reducing water and energy use associated with the green spaces	Early Stages	<ul style="list-style-type: none"> • Water reduction techniques implemented
Doubling tree cover on council owned land	Discussion Stage	<ul style="list-style-type: none"> • Ongoing work with Cities of Trees to increase tree-planting within the borough
Protect existing trees, hedgerows and peatlands throughout the borough	Discussion Stage	<ul style="list-style-type: none"> • While generic protections are in place around these, specific work has yet to take place in Bury • No healthy tree in Bury can be felled by the council without consultation with the Cabinet

		Member for the Environment and Climate Change.
Producing a Green and Blue Infrastructure Strategy that will demonstrate how we will protect, enhance, and develop our existing natural environment and greenspace	Discussion Stage	<ul style="list-style-type: none"> Policy in place already to protect green infrastructure (see below) but needs updating
Protecting existing public open space, sport and recreational facilities and enhance natural capital	Early Stages	<ul style="list-style-type: none"> Green Space Strategy and Unitary Development Plan in place to protect green spaces Many green spaces are now not cut, but grow naturally, promoting biodiversity, and reducing maintenance-related emissions
Maintaining our Green Flag parks	Ongoing	<ul style="list-style-type: none"> 12 Green Flag parks currently being maintained. Improvements are being actioned where required
Encouraging beekeeping where appropriate within the borough and implementing practices to support	Early Stages	<ul style="list-style-type: none"> Beekeeping programme in Philips Park. To be further encouraged but only in a sustainable and appropriate manner
Encouraging local communities to further connect with our natural environments	Ongoing	<ul style="list-style-type: none"> Parks Department support Local Action groups where possible City of Trees projects are on-going as well as development of community orchards
Developing new high-quality green spaces in areas where there currently are none	Discussion Stage	<ul style="list-style-type: none"> Government and Natural England are establishing standards around accessible green spaces
Managing Council owned land and road verges to increase biodiversity and draw down carbon pollution, including pesticide reduction and	Ongoing	<ul style="list-style-type: none"> Trialling using steam to treat weeds in green spaces and some areas of the highway network

increased planting of wildflowers		<ul style="list-style-type: none"> • Ceased using glyphosate in schools and parks except for the treatment of invasive weeds • Highway weed spraying using glyphosate has been reduced • Identified four trial sites for wildflower seeding/re-wilding
Working with the Places for Everyone Strategy so that our new developments encourage progress towards carbon neutrality	Early Stages	<ul style="list-style-type: none"> • Places for Everyone will enable sustainability to be embedded within new developments and we will continue to work with the GMCA on its development
Engaging with the public more around local decisions relating to green spaces	Discussion Stage	<ul style="list-style-type: none"> • Climate Action Forums will provide more spaces to discuss these issues
Investigating the potential of rewilding and how best to incorporate	Not started	<ul style="list-style-type: none"> • n/a
Working with schools to better use green spaces to promote biodiversity	Not started	<ul style="list-style-type: none"> • n/a
Investigating how best to promote and improve our blue infrastructure	Not started	<ul style="list-style-type: none"> • n/a

Individual actions that we need you to do:

- Utilising your garden to encourage wildflowers and biodiversity
- Consider joining one of the local community groups within your local park to help us maintain them to a high standard
- Check out local projects that are ongoing and get involved with them
- Adopting environmentally friendly ways to get rid of weeds and stop using weedkiller

For more information:

- [Places for Everyone](#)

- [Encourage Wildlife to Your Garden - RHS](#)
- [The Bury Directory – Local Community Groups](#)

Green Economy

National actions the Council would support:

- Providing sufficient funding and incentives for businesses to transition to carbon neutrality
- Incentivising the education sector to provide the necessary skills to enable localities to become carbon neutral
- Stimulating the development of local quality green business such as renewable energy installers to provide the necessary skills and services required to drive carbon neutrality

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Supporting and promoting the Green Growth Company to support local businesses to decarbonise	Discussion Stage	<ul style="list-style-type: none"> • Exploring options to support further activity of Green Growth Company in Bury
Developing a Skills Strategy Audit to identify priority areas for green jobs as well as where technical skills need further developing	Discussion Stage	<ul style="list-style-type: none"> • GMCA Local Skills Report and Labour Market Plan (2021) identifies the green economy and the skills surrounding it as vital for development • Further Bury specific work required
Working closely with universities and local industry to promote innovation	Ongoing	<ul style="list-style-type: none"> • GMCA have collaborated with Academic institutions on a number of innovative carbon reduction projects • The Greater Manchester Hydrogen and Fuel Cell Strategy 2021 – 2025 was produced in partnership with academia and local industry
Further exploring collaborative actions with the public sector	Discussion Stage	<ul style="list-style-type: none"> • Wider engagement around Public Sector Decarbonisation Scheme

such as the NHS, Fire and Police to reduce carbon emissions through commissioning and procurement		
Stimulating local demand for renewable energy and other green solutions within the business sector	Early Stages	<ul style="list-style-type: none"> Green Growth Co have assisted 170 businesses with low-carbon sector support
Promoting the decarbonisation of the Council's pension	Not started	<ul style="list-style-type: none"> n/a
Actions the Council can lead on:		
Working with our local schools and colleges to fill the technical skills gap	Not started	<ul style="list-style-type: none"> n/a
Increasing awareness of a circular/sharing economy by working with voluntary, community and social enterprise organisations	Not started	<ul style="list-style-type: none"> n/a
Using procurement powers to encourage low- and zero-carbon measures	Discussion Stage	<ul style="list-style-type: none"> Procurement strategy will be updated to reflect the Bury 2030 objectives and explain how corporate priorities will be embedded into procurement procedures and activity. Climate change and carbon reduction will be included within the process
Promoting energy efficiency and carbon neutrality to local businesses	Early Stages	<ul style="list-style-type: none"> Green Growth Co have helped saved 44,591t CO2e
Providing guidance to businesses and assisting with the development of business	Early Stages	<ul style="list-style-type: none"> Green Growth Co have helped businesses in Bury save over £9.3 million by improving environmental

cases relating to carbon-neutrality		performance and provide guidance regarding funding
Promoting businesses that address the climate emergency to create and expand “green collar” jobs	Early Stages	<ul style="list-style-type: none"> Green Growth Co have established an accessible database of local businesses working with them
Better understanding how the local commercial and industrial sectors use energy in order to better help them transition to carbon-neutrality	Early Stages	<ul style="list-style-type: none"> GM Green Growth Company assisting with companies across the borough understand their energy more and make reductions where possible The Local Area Energy Plan produced by Energy Systems Catapult will help with this.
Developing pilot projects that showcase energy efficient retrofitting and renewable heating systems to grow our low carbon business sector	Discussion Stage	<ul style="list-style-type: none"> Siddall Street eco-scheme is currently under construction and has been shortlisted for an award due to their work around zero-carbon homes which include lots of carbon efficient measures
Divesting Council operations away from fossil fuels and investing in renewable energy projects	Not started	<ul style="list-style-type: none"> n/a

Individual actions that we need you to do:

- Try buying groceries from local independent stores rather than larger chains
- Shop locally
- Support businesses that are trying to improve their carbon footprint
- Engage with Council services to improve decision making

For more information:

- [Bury Means Business](#)
- [Green Growth Company](#)
- [Green Business Directory – Carbon Trust](#)

Environmental Justice

National actions the Council would support:

- Promoting the use of smart meters
- Increasing Local Council resources to tackle fuel poverty and carbon-neutrality in tandem
- Providing regulations and adequate funding resources for enforcement to drive privately rented properties to carbon-neutrality by 2038

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Designing and delivering effective schemes to remove fuel poverty	Early Stages	<ul style="list-style-type: none"> • £4.7million award for Green Homes Grant Local Authority Delivery scheme aimed at improving energy efficiency and decarbonising the homes of those on low incomes
Working with the NHS to address health inequalities and working towards reducing the potential impacts of climate change on those already suffering	Discussion Stage	<ul style="list-style-type: none"> • Neighbourhood profiles have been created to better inform our work and the Council is actively pursuing further collaboration with the health care service to reduce environmental impacts and inequality
Actions the Council can lead on:		
Working closely with partners to improve identification of fuel poor households	Early Stages	<ul style="list-style-type: none"> • Work is ongoing to identify issues around fuel poverty and provide guidance and assistance where possible
Developing new partnerships in order to reach out to more fuel poor residents	Early Stages	<ul style="list-style-type: none"> • Partnerships have been developed with several action groups including Citizen Advice Bureau, Groundwork and GM Fire Services. Capacity has been restricted recently due to staffing
Utilising our township and neighbourhood structures to help identify fuel poverty issues	Early Stages	<ul style="list-style-type: none"> • Assists existing partners and signposts residents towards the advice and funding that is on offer by charities and action groups

Raising Council frontline officers' awareness to help them identify signs of fuel poverty and the systems for referring these	Ongoing	<ul style="list-style-type: none"> Lots of engagement work has taken place internally to ensure frontline officers are aware of the issue and know how to action issues when raise
Targeting energy efficiency schemes to reduce fuel bills of vulnerable people or the fuel poor	Discussion Stage	<ul style="list-style-type: none"> Implemented an Affordable Warmth Strategy (2016) and a Fuel Poverty Strategy (2016) which has delivered an annual action plan
Continuously reviewing and improving how we involve citizens in our existing decision-making processes and ensure that voices of the most vulnerable communities are represented	Discussion Stage	<ul style="list-style-type: none"> Production of the CAS and CAP will better enable and incorporate this Community Champion initiative set up to increase engagement The Council's Let's Do It Strategy focuses strongly on incorporating community action and engagement.
Ensuring that all residents have access to well-maintained green spaces	Not started	<ul style="list-style-type: none"> n/a
Providing residents with a place to voice their concerns and help them improve their local community	Ongoing	<ul style="list-style-type: none"> Climate Action Forums will provide new opportunities for local communities to voice their opinions and ideas
Better educating our residents and local communities around the risks posed from flooding, overheating and other climate-related issues	Discussion Stage	<ul style="list-style-type: none"> Emergency Plans are in place, and these are communicated and available to the public but more work is required to embed these in peoples' minds and ensure they are prepared

Individual actions that we need you to do:

- Work with your local communities to help us identify individuals at risk or requiring further support
- Work with the Council to help us implement new plans and processes

For more information:

- [What is fuel poverty?](#)
- [Environmental Justice Foundation](#)
- [ClientEarth – What is environmental justice?](#)

Climate Resilience and Adaptation

National actions the Council would support:

- Further understanding the current and future impacts of extreme weather events and climate change
- Further funding to help develop resilience projects
- Setting up a framework providing Local Authorities with further guidance
- Requiring new developments to incorporate run-off attenuation measures
- Providing further funding into research of carbon offsetting

Action	Progress	September 2021
GMCA actions the Council would participate in:		
Working with utility providers to better understand our critical infrastructure and how we can protect it against the risks of climate change	Early Stages	<ul style="list-style-type: none"> • Work has been conducted around Bury Wastewater Treatment Works to protect critical infrastructure from flooding
Continue developing the Strategic Flood Risk Assessment (SFRA) to identify critical gaps and solution	Early Stages	<ul style="list-style-type: none"> • SFRA has recently been updated and will form part of the Places for Everyone (PfE)
Actions the Council will lead on:		
Gaining a better understanding of extreme weather impacts in Bury	Discussion Stage	<ul style="list-style-type: none"> • Defra and GM-wide studies and maps have been conducted. Further local research required though
Incorporating adaptation within our plans and strategies and making necessary changes to our building's infrastructure and our green and blue infrastructure	Early Stages	<ul style="list-style-type: none"> • Decarbonisation Fund is being used to improve infrastructure across several public buildings

		<ul style="list-style-type: none"> Redevelopment of town centres will also include work around public buildings
Identifying the most vulnerable people in the areas most at risk of environmental issues and targeting adaptation policies actions and spending to those areas	Discussion Stage	<ul style="list-style-type: none"> Environment Agency has produced maps and property lists regarding flooding and GM has produced Urban Heat Island Maps. Bury is continuing its work around household suffering fuel poverty.
Investigating potential SuDS (sustainable drainage systems) projects to reduce runoff and therefore potential flooding in the borough	Early Stages	<ul style="list-style-type: none"> Tree planting on the A56 in Prestwich
Progressing the building of the Radcliffe and Redvales flood defence scheme that will remove over 800 properties from Flood Risk Zone 3	Early Stages	<ul style="list-style-type: none"> To be completed by end of 2021
Educating and preparing our residents, businesses, and public sector partners, encouraging change in behaviours, operations and services that can support adaptation and resilience to climate change	Early Stages	<ul style="list-style-type: none"> EA has conducted engagement work around flooding to highlight risks and prepare people should flooding occur
Ensuring that all council services are adaptable to a changing climate	Early Stages	<ul style="list-style-type: none"> Bury Emergency Plans in place Regularly reviewed
Keeping up to date with carbon offsetting opportunities and consider the practicality and reliability of using these means to meet our target	Discussion Stage	<ul style="list-style-type: none"> Greater Manchester Environment Fund has been proposed as a way of managing funding for biodiversity and carbon offsetting projects

Require that any impacts on carbon targets are identified in all formal reports to senior management and cabinet members	Early Stages	<ul style="list-style-type: none"> Carbon impacts must now be identified in all Cabinet reports
Working with rural land owners in Bury to reduce flood risk further down stream	Not started	<ul style="list-style-type: none"> n/a
Working with local action groups to deliver community action and resilience	Discussion Stage	<ul style="list-style-type: none"> More work to be done with our local community groups to better embed community action and resilience
Where necessary, acknowledging and incorporating carbon offsetting in a timely manner to ensure the 2038 target is reached	Not started	<ul style="list-style-type: none"> n/a

Individual actions that we need you to do:

- Familiarise yourself with flood evacuation plans via the Bury Council website
- Consider the potential impact of flooding upon your property
- Incorporate climate friendly measures into your gardens to alleviate pressure on drainage systems

For more information:

- [Climate Change – Met office](#)
- [Flood Map - FoE](#)
- [The Flood Hub](#)



Key Performance Indicators

The Key Performance Indicators (KPIs) listed below will be a way for us to monitor progress annually and track how well we are moving towards our 2038 carbon neutrality target. The KPIs have a greater focus upon quantitative facts and using these statistics will help us clearly quantify progress.

The baseline data included here represents the most up to date data available and progress will be assessed annually in comparison to the baseline.

The next Climate Action Plan reassessment will be September 2022.

General	Baseline Data	Progress
General CO ₂ emissions produced within our borough	844,500t CO ₂ e (2018) ^[1]	
CO ₂ emissions resulting from council operations	15,650t CO ₂ e (2019/20) ^[2]	
Measured concentrations of nitrogen dioxide (NO ₂) and fine particles (PM ₁₀)	Whitefield: 19µg/m ³ (2020); 16µg/m ³ (2020) Prestwich: 38µg/m ³ (2020); Radcliffe: 20µg/m ³ (2020); 18µg/m ³ (2020) ^[3]	

Energy Supply	Baseline Data	Progress
Total Council-related renewable energy generated	202,682kWh (2019/20) ^[2]	
Total renewable energy generation in the borough	51,000MWh per annum (April 2021) ^[4]	
Electricity consumption (incl' domestic and non-domestic)	620,000MWh per annum (2019) ^[11]	
Council energy purchased from renewable energy sources	30.7% ^[5]	

Homes, Workplaces and Public Buildings	Baseline Data	Progress
Number of homes improved across Bury with sustainability measures	78 leads generated (2021)	
Carbon emissions from the domestic sector	284,700t CO ₂ e (2018) ^[6]	
Homes in the private rented sector that have an F or G rating	552 (504 have the potential to improve above an F rating) ^[8]	
Commercial buildings with a Display Energy Certificate of C or above	30% ^[5]	
Carbon emissions from council buildings	11,581t CO ₂ e (2019/2020) ^[2]	

Low Carbon Travel	Baseline Data	Progress
Proportion of journeys made by walking and cycling	10% of journeys (2021) ^[4]	
Number of plug-in vehicles registered in Bury	424 plug-in vehicles registered (2021) ^[7]	
Number of charge points installed	24 charge points (2021) ^[4]	
Proportion of total bus fleet that is low carbon	1.5% of buses in GM are now low carbon (2021)	
Emissions from council transport activity	1,565t CO ₂ e (2019/2020) ^[2]	
Number of private cars registered in Bury	109,600 (2021)	

Consumption and Waste	Baseline Data	Progress
Tonnage of household waste collected	60,913t (2019/2020)	
Recycling rates (kerbside collected)	56% average (2019/20) ^[8]	
Municipal waste diverted from landfill	98.3% (2021) ^[5]	

Food	Baseline Data	Progress
Recycled food waste	43% of food waste is correctly captured in the organic recycling bin (2021—data not available annually) ^[8]	

Food waste levels (kerbside)	62% classified as avoidable (2021—data not available annually) ^[8]	
------------------------------	-------------------------------------------------------------------------------	--

Our Natural Environment	Baseline Data	Progress
Average number of parks, playing fields or public gardens within a 1km radius	5.1 (2020) ^[9]	
Tree canopy cover	12.4% (2016) ^[10]	

Green Economy	Baseline Data	Progress
Number of businesses in Bury that have implemented carbon-reduction measures (as listed on the Green Growth Co)	17 (2020) ^[13]	
Total emissions for the industrial and commercial sector	18kt CO ₂ e (2017) ^[14]	

Environmental Justice	Baseline Data	Progress
Percentage of households in fuel poverty	11.6% ^[2]	

References

1. Department for BEIS (2020). See: <https://data.gov.uk/dataset/723c243d-2f1a-4d27-8b61-cdb93e5b10ff/emissions-of-carbon-dioxide-for-local-authority-areas>
2. Bury Council (2020). Bury Council's Greenhouse Gas Emissions 2019/20. See: <https://www.bury.gov.uk/CHttpHandler.ashx?id=17257&p=0>
3. Bury Council (2021). Air Quality. See: <https://www.bury.gov.uk/index.aspx?articleid=11649>
4. Friends of the Earth (2021). How climate friendly is your community? See: <https://friendsoftheearth.uk/climate-friendly-communities>
5. Bury Council (2021)
6. Department for BEIS (2020). UK local authority and regional carbon dioxide emissions national statistics: 2005 to 2018 See: <https://www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-to-2018>
7. SCATTER (2021)
8. Bury Council (2021)
9. ONS (2020). Access to gardens and public green space in Great Britain. See: <https://www.ons.gov.uk/economy/environmentalaccounts/datasets/accesstogardensandpublicgreenspaceingreatbritain>
10. Forest Research (2021). Tree Canopy Cover Leaflet. See: <https://www.forestresearch.gov.uk/tools-and-resources/fthr/tree-canopy-cover-leaflet/>
11. Department for BEIS (2020). Regional and local authority electricity consumption statistics. See: <https://www.gov.uk/government/statistical-data-sets/regional-and-local-authority-electricity-consumption-statistics>
12. Department for Transport (2020). All vehicles. See: <https://www.gov.uk/government/statistical-data-sets/all-vehicles-veh01>
13. Green Growth Co. See: green-growth.org.uk
14. Department for BEIS (2020). UK local authority and regional carbon dioxide emissions national statistics: 2005 to 2018. See: <https://www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-to-2018>