

**Bury Council**

**Climate Action Plan**

2023

Updated March 2024

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## Introduction

In 2019, Bury Council declared a climate emergency in response to overwhelming scientific evidence that human activity is changing our planet's climate. These changes are predicted to have extreme impacts on the earth making it a more difficult place for people, animals, and wildlife to thrive. In response, the Council has produced a Climate Action Strategy and Action Plan, outlining the Council's approach to reaching the goal of carbon neutrality by 2038.

This Action Plan is updated annually, and this plan covers 2023.

We acknowledge that climate change and its associated environmental issues cover a wide range of topics and therefore our Climate Action Strategy<sup>1</sup> identifies 9 priority areas for action: -

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

To make suitable progress in each of these areas it is vital that we work together across all of society. This Action Plan is refreshed on an annual basis to track progress against our 9 priority action areas. As we refresh the document, we will include new actions, update those that are in progress, and make revisions where necessary.

For reference, key words and definitions are outlined in Appendix 1.

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<sup>1</sup> [bury-climate-action-strategy](#)

## Aims and Objectives

The overall aim of this Action Plan and the Climate Action Strategy is to set out how the Council will achieve carbon neutrality by 2038. This target of carbon neutrality applies to the entire borough, not just the operations of Bury Council, meaning all Bury's buildings, businesses, operations, and services must not produce any more carbon than what is being captured by plants and trees, or is offset.

This document aims to:

1. Capture and provide updates on ongoing projects within Bury Council.
2. Highlight the hard work and determination of local community groups and businesses and encourage local communities to get involved.
3. Create a streamlined document that will demonstrate what we are doing to tackle the climate emergency across Bury.

## Climate Action Plan Methodology

### Data Gathering

Climate change impacts every organisation, company, and individual in Bury and therefore it is difficult to capture all climate action taking place across the borough. We will use this Action Plan to summarise the work that we know is taking place and to highlight where more focus is needed.

There is a mixture of data in this plan, some from national sources, which have been referenced where possible and then other data is collated from Council departments or from our partners.

The plan only concerns data up to September 2023.

## Governance

### Climate Action Board

The Climate Action Board (CAB) includes representatives from organisations and groups from across Bury and reports into the [Team Bury structure](#), highlighting the importance that this issue is being given by the Council.

The CAB meets quarterly and provides an opportunity for member organisations to learn what others are doing on Climate Action and helps to promote collaboration.

### Cross Departmental Council Meetings

Quarterly internal Council meetings take place on climate change, and these meetings provide an opportunity for the Climate Action Team to update internal departments on the status of various projects. These meetings also provide departments a chance to provide updates on their own projects and ask for advice or guidance on incorporating climate action into their specific area of work.

# Metrics and Measurability

## Key Performance Indicators

In our original Climate Action Plan, we included several Key Performance Indicators (KPIs) to measure success and track our performance, which we continue to use.

Data from the current year is not always available and there can be a 1–2-year lag due to the time taken for data collection and processing. In the table below, we have outlined the KPIs used in this report, stated when the most recent data is available from, and detailed why we have chosen to include the metric.

The full list of updated KPI's along with the data can be found in the tables below. Each KPI has been highlighted in red, amber, or green to clearly indicate the direction of travel.

# Key Performance Indicators

## Borough-wide GHG Emissions<sup>2</sup>

Measures	2019 Data	2020 Data	2021 Data	Change (%)
Total Carbon Emissions (kt CO <sub>2</sub> e)	925.8	838	878.1	Deteriorated- 4.78%
Industry Total Carbon Emissions (kt CO <sub>2</sub> e)	104.6	91.4	107.5	Deteriorated- 17.61%
Commercial Total Carbon Emissions (kt CO <sub>2</sub> e)	36.6	29.4	37.8	Deteriorated- 28.57%
Residential Total Carbon Emissions (kt CO <sub>2</sub> e)	286.9	276	288.8	Deteriorated- 4.64%
Transport Total Carbon Emissions (kt CO <sub>2</sub> e)	400.7	344.5	357.4	Deteriorated- 3.75%

**Why have we included this...?** Our goal to be carbon neutral by 2038 is for the entire borough, not just the Council, meaning we need to do all we can to encourage residents, businesses, and organisations to reduce their emissions as well. We need to maintain awareness of the carbon emissions from across the whole of Bury so we can be sure we are on the right path.

<sup>2</sup> <https://assets.publishing.service.gov.uk/media/64a67b3a4dd8b3000f7fa546/2005-21-uk-local-authority-ghg-emissions-update-060723.xlsx>



### **Direction of travel**

The information that has been used for this table comes from Government statistics and because it takes them some time to gather and produce the final figures, they are released a few years in arrears. The latest data we have is for 2021, which was still affected by some measures to tackle the Covid-19 pandemic but to a much lesser degree compared to 2020. The table shows that carbon emissions have increased since 2020. This is not surprising given the relaxation of lockdown restrictions but still concerning given our need to prevent as many carbon emissions being released as possible. To assess the trend, we have included the data from 2019. The total emissions in 2021 were lower than in 2019, which suggests that there is still a downward trend overall and that due to the measure to tackle the Covid-19 pandemic we can consider 2020 to be an anomaly.

## Council Specific GHG Emissions

Measures	2021/22 Data	2022/23 Data	Change (%)
<b>Council Specific GHG Emissions</b>			
Council Operations Carbon Emissions (t of CO <sub>2</sub> e)	11007	9284	Improved 16%
<b>Why have we included this...?</b>			
We keep track of the Council's operational emissions and publish an annual report on these <sup>3</sup> . It is important to measure the progress in relation to the emissions the council can control and to lead by example.			
<b>Direction of travel</b>			
We have seen an improvement in the Council's Greenhouse Gas (GHG) emissions from its operations yet again. As with 21/22 we did not include academies and this time a figure was introduced for home working for the first time, which is to reflect the change in working patterns. Reductions have been made in the Council's gas consumption, which is likely due to the Council reducing the number of buildings it operates. There has also been a reduction in vehicles emissions which is likely due to the introduction of new more efficient fleet vehicles.			

## Air Quality

Measures	2021Data	2022 Data	Change (%)
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<sup>3</sup> [Bury Council's Greenhouse Gas Emissions Report 2022/23 - Bury Council](#)

Nitrogen Dioxide (NO <sub>2</sub> ) Annual Concentrations (µg/m <sup>3</sup> )	Whitefield	20	21	Deteriorated- 5%
	Prestwich	33	30	Improved – 9%
	Radcliffe	22	20	Improved – 9%
Particulate Matter (PM <sub>10</sub> ) Annual Concentrations (µg/m <sup>3</sup> )	Whitefield	15	19	Deteriorated – 26%
	Prestwich	17.5	18	Deteriorated – 2%
	Radcliffe	17	16	Improved- 5%

**Why have we included this...?**

NO<sub>2</sub> and PM<sub>10</sub> concentrations are a good indicator of how busy our roads are with polluting cars. We need to reduce these concentrations for the planet but also for our own health.

### **Direction of travel**

All our automatic monitoring sites were within national targets for nitrogen dioxide and PM10. Traffic levels started to settle post-pandemic in 2022 and we see a 9% improvement in nitrogen dioxide levels at two of our automatic monitoring sites. There was a slight deterioration seen at the Whitefield site, however if we look at results over the last few years, we can see that levels have reduced significantly (22%-23%) from pre –pandemic level 2019 levels at all three sites. This longer-term downward trend is encouraging but we accept that we need to continue to act to improve air quality across our borough. It is expected that the proposed Greater Manchester Clean Air Plan will bring further reductions to nitrogen dioxide levels throughout Greater Manchester. The levels of PM10 recorded at Whitefield and Prestwich showed deteriorations of 4 and 0.5ugm3, respectively. However, Radcliffe showed a small 1ug/m3 improvement. If we look at the slightly longer-term pattern, we can see that the annual average measurements for PM10 are the same as those monitored in 2018. We have therefore seen neither a worsening nor improvement in levels of PM10 over the last 4 years. This is disappointing but it is hoped that the Government’s proposed introduction of new targets for PM2.5 will lead to incentivised actions to reduce local levels of particulates.

## Borough-wide Energy Consumption<sup>4</sup> and Generation<sup>5</sup>

Measures	2021 Data	2022 Data	Change (%)
Domestic Total Consumption (GWh)	301.4	283.5	Improved- 5.94%
Non-Domestic Total Consumption (GWh)	290	311.5	Deteriorated- 7.42%
Renewable energy: Installed Capacity (MW)	16	16.8	Improved- 5%

### Why have we included this...?

To reduce emissions, we need to reduce our energy consumption - that means using energy more prudently as well as more efficiently. All our homes and buildings in Bury need to be upgraded to be as efficient as possible. Renewable energy, produced locally, results in less strain upon the national grid and fewer losses through distribution.

### Direction of travel

Between 2021 and 2022 domestic energy consumption has decreased and non-domestic has increased. This is likely to again represent the relaxation of lockdown with people being able to leave their homes more for work and leisure.

There was a 5% increase in renewable energy generation, which is positive but needs to increase more dramatically in future years.

<sup>4</sup> <https://www.gov.uk/government/statistical-data-sets/regional-and-local-authority-electricity-consumption-statistics>

<sup>5</sup> <https://www.gov.uk/government/statistics/regional-renewable-statistics>

## Transport

Measures	Data	Data Year	Data	Data Year	Change (%)
Publicly Available Electric Vehicle Charge Points <sup>6</sup>	26	2022 (Oct)	27	2023 (Oct)	No significant change
Total Number of Registered Electric Vehicles in Bury <sup>7</sup>	958	2022 (Q3)	1,468	2023 (Q3)	Improved-53%
Total Number of Privately Registered Cars in Bury <sup>8</sup>	83,500	2022 (Q3)	84,100	2023 (Q3)	No significant change
<p><b>Why have we included this...?</b></p> <p>Cars with polluting internal combustion engines are being phased out nationally. Increasing local charge points encourages people to switch to electric cars. Reducing overall car usage is another important goal. We need to make walking, cycling and public transport the best and most efficient method of getting around Bury.</p>					
<p><b>Direction of travel</b></p> <p>The number of electric vehicle charge points continues to rise but is not keeping up with the increase in registered electric vehicles. Significant progress needs to be made in 2024 to increase publicly available charge points and make EVs an option for all.</p> <p>Car ownership has stayed consistent</p>					

<sup>6</sup> <https://assets.publishing.service.gov.uk/media/653a8307d10f3500139a6a1b/electric-vehicle-charging-device-statistics-october-2023.ods>

<sup>7</sup> <https://assets.publishing.service.gov.uk/media/65733542049516000f49bf18/veh0132.ods>

<sup>8</sup> <https://assets.publishing.service.gov.uk/media/657335bf33b7f2000db72125/veh0105.ods>

Measures	2020/21 Data	2021/22 Data	Change (%)
Percentage of Adults Who Go Walking or Cycling (at Least 3x per Week) for any Purpose <sup>9</sup>	42.3	42.2	No significant change
<p><b>Why have we included this...?</b></p> <p>The more people walking and cycling in Bury, the less people will use their car. This has been included as a useful indicator of how much active travel is going on in the borough</p>			
<p><b>Direction of travel</b></p> <p>We have included the percentage of adults who walk or cycle at least 3x per week as a way of monitoring people's levels of active travel. The levels of physical activity have not significantly changed from 20/21 to 21/22. This alongside the car ownership figures above suggest that the car is still the dominant form of transportation in Bury and we need to do more to encourage modal shift.</p>			

<sup>9</sup> <https://www.gov.uk/government/statistical-data-sets/walking-and-cycling-statistics-cw>

## Waste

Measures	2021/22 Data	2022/23 Data	Change
Total Tonnage of Household Waste Collected	61855	58026	Improved - 6% reduction
% of Household Waste Recycled	56.33%	54.09%	Deteriorated 4% Reduction
Municipal waste diverted from landfill.	98.2%	98.18%	No significant change
<p><b>Why have we included this...?</b></p> <p>With this indicator we are looking at our impact on waste and consumption. We aim to encourage people to buy less, waste less and recycle more.</p>			
<p><b>Direction of travel</b></p> <p>There has been another year-on-year reduction in the total tonnage of household waste collected, which is encouraging. However, this is accompanied by a slight reduction in the percentage of the waste that is recycled. This is an area that the Council will continue to focus on improving. The Council is still achieving a high percentage of waste diverted from landfill.</p>			



## 2022/23 Climate Actions

Now that all measures put in place to tackle the Covid -19 pandemic have been removed it is interesting to see how this is affecting our fight against climate change. The data shown in the KPI's above are sobering to see. In almost all metrics we have seen movement in a negative direction. However, there was always likely to be an increase in emissions after the restrictions we faced during the pandemic were removed and life returned to a more familiar state. There was also naturally a slowing down of action on climate during the pandemic and hopefully some of the actions that have happened since then should start to take effect. It is still concerning to see the lack of progress, as emissions need to start reducing dramatically if we are to prevent the catastrophic effects of runaway climate change.

The Climate Change Committee's 2023 Progress Report to Parliament<sup>10</sup> raises concerns about the lack of progress and has stated that their confidence in the UK meeting its medium-term targets have decreased. This alongside the fact that we are going through a period of political change, with an upcoming general election makes it difficult to predict the future of climate action in the UK.

At the regional level GMCA are continuing to support the Council where possible and are working hard on its next iteration of the Five-Year Environment Plan, which is due to be released late 2024.

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<sup>10</sup> [2023 Progress Report to Parliament - Climate Change Committee \(theccc.org.uk\)](https://theccc.org.uk/2023-progress-report-to-parliament)






## Bury's progress on Climate Action

The table below contains all the actions that are live in the action plan. In the table we are demonstrating where progress has or has not been made. Some actions have been completed and have been collated after this table, others have been removed and collated in Appendix 3, including a reason for their removal.

### PA1. Energy Supply

Climate actions that Bury Council have focused on include:




No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
E.1	Working with Electricity Northwest Ltd (ENWL) to install future electrical infrastructure	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The Council has a Local Area Energy Plan in place, which was produced with involvement from ENWL. This plan helps to identify where future needs are.</li> </ul>	<ul style="list-style-type: none"> <li>Decarbonisation is going to require more reliance on electrical infrastructure as we move away from gas.</li> </ul>
E.2	Developing the Go Neutral project to better understand our options around renewable energy generation	Ongoing	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Alongside the GMCA we appointed Buro Happold to carry out feasibility reports on 20 Council assets to assess their viability for solar.</li> <li>The Council aims to carry out a project of solar expansion on its assets in 2024.</li> </ul>	<ul style="list-style-type: none"> <li>Generating renewable energy helps to reduce the amount of fossil fuels that are required for our energy needs.</li> </ul>


<b>E.3</b>	Retrofit Council-owned assets with renewable heat and energy systems.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Working with the GMCA, 21 Council assets have been assessed for their feasibility of having solar PV installed.</li> </ul>	<ul style="list-style-type: none"> <li>Reduces the amount of energy required to heat and power the Council's buildings.</li> </ul>
<b>E.4</b>	Procure the Council's electricity from renewable sources.	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> <li>The Council currently gets 42% of its electricity from renewable sources.</li> </ul>	<ul style="list-style-type: none"> <li>Procuring from renewable energy sources reduces demand on fossil fuels and drives investment in solar, wind, and hydro.</li> </ul>
<b>E.5</b>	Incorporating considerations around carbon-neutrality into Council decision-making processes	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>All Cabinet Reports now require the author to consider the Carbon Impact of the proposal.</li> <li>The Council is currently assessing the effectiveness of this measure.</li> </ul>	<ul style="list-style-type: none"> <li>Making carbon impact a part of every Council decision helps to ensure the Council is reducing its emissions in everything it does.</li> </ul>
<b>E.6</b>	Produce an annual greenhouse gas (GHG) report on emissions relating to Council operations.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The report for 2022/23 was published December 2023.</li> </ul>	<ul style="list-style-type: none"> <li>Tracks the Council's GHG emissions highlighting where more work is needed to reduce Council related emissions.</li> </ul>
<b>E.7</b>	Investigate the feasibility of renewable energy	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>In early stages of working with GMCA to look at possible options</li> </ul>	<ul style="list-style-type: none"> <li>Generating renewable energy locally reduces</li> </ul>




	systems (hydro, solar, wind) generation.				for wind and hydro power	transmission loss across the network and utilises our local natural resources.
<b>E.8</b>	Work with local communities to provide more information on options available relating to renewable heat and energy systems.	Early Stages	Ongoing	Progressed	<ul style="list-style-type: none"> <li>• GMCA developed a “Retrofit Taskforce” to help communities to switch to renewable heat.</li> <li>• The Council is part of the “Feel the Benefit” campaign encouraging people to use the retrofit portal to make their homes more energy efficient.</li> <li>• “Your Home Better” service launched for the ‘able to pay’ market.</li> <li>• Lots of information already available for example in our Local Area Energy Plan but more needs to be done to increase awareness across local communities.</li> </ul>	<ul style="list-style-type: none"> <li>• To reach carbon neutrality every property in the borough needs to be retrofitted and decarbonise.</li> </ul>


## PA2. Homes, Workplaces & Public Buildings

Climate actions that Bury Council are focusing on include:



No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
B.1	Developing innovative ways of financing and delivering domestic retrofitting across Greater Manchester	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Your Home Better have an arrangement with Manchester Credit Union to help finance retrofitting measures.</li> <li>GMCA has entered into a partnership with the Green Finance Institute to consider options such as community bonds.</li> </ul>	<ul style="list-style-type: none"> <li>Need to address barriers to retrofitting to support residents to reduce the energy demand of their homes.</li> </ul>
B.2	Promoting the financial benefits of energy-efficient domestic retrofitting to increase buyer demand	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Your Home Better have produced a communication campaign to promote their services.</li> <li>More communication around this work is required.</li> </ul>	<ul style="list-style-type: none"> <li>Need to address barriers to retrofitting to support residents to reduce the energy demand of their homes.</li> </ul>
B.3	Developing incentives that will encourage private landlords to retrofit their properties to	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Greater Manchester have introduced a Good Landlords Scheme, which is currently out for consultation.</li> </ul>	<ul style="list-style-type: none"> <li>Need to encourage and incentivise landlords to introduce renewable heat and energy</li> </ul>




	reduce energy demand and move to low carbon heating				<ul style="list-style-type: none"> <li>Current schemes in place are ECO4, Feel the Benefit Campaign and Great British Insulation Scheme. ``+-</li> </ul>	systems on their properties.
<b>B4</b>	Requiring all new developments to be carbon-neutral by using technologies such as Air Source Heat Pumps, Solar Panels, Sustainable Urban Drainage methods and Electric Vehicle Charging Points.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Progress has been made on the Places for Everyone spatial plan, which is due to be published in 2024.</li> <li>The plan includes a draft policy requirement for new developments to be operationally net zero carbon from adoption of the plan, and net zero carbon during construction from 2028, to progress toward the Greater Manchester Target of carbon neutrality by 2038 in Policy JP-S2 Carbon and Energy.</li> <li>The plan also includes draft policies which cover sustainable drainage systems and electric vehicle charging infrastructure.</li> </ul>	<ul style="list-style-type: none"> <li>New developments need to be carbon neutral, so they do not add to the existing challenge and allow us to focus on retrofitting older properties.</li> </ul>

<p><b>B.5</b></p>	<p>Engaging with social-housing providers to explore how they could speed up the transition to carbon-neutral housing</p>	<p>Early Stages</p>	<p>Early Stages</p>	<p> Maintained</p>	<ul style="list-style-type: none"> <li>Established a Joint Commissioning Partnership with Registered Providers across the borough to ensure carbon neutrality is front and centre of new Council homes.</li> <li>Working in partnership with GMCA and GM housing providers to deliver SHDF retrofit projects and sharing knowledge.</li> </ul>	<ul style="list-style-type: none"> <li>To reach carbon neutrality every property in the borough needs to have good levels of fabric efficiency and to decarbonise.</li> </ul>
<p><b>B.6</b></p>	<p>Gather data on the state of Bury's private and public sector housing stock to establish a baseline position</p>	<p>Early Stages</p>	<p>Ongoing</p>	<p> Progressed</p>	<ul style="list-style-type: none"> <li>A GM-wide stock survey on behalf of the GMCA has been completed.</li> <li>Six Town Housing have completed a stock survey on Bury Council housing.</li> </ul>	<ul style="list-style-type: none"> <li>Different areas require different energy systems and data is required to influence decision-making.</li> </ul>
<p><b>B.7</b></p>	<p>Upgrading Local Authority housing stock to carbon-neutral standard as part of pilot schemes and to provide as exemplar projects</p>	<p>Ongoing</p>	<p>Ongoing</p>	<p> Progressed</p>	<ul style="list-style-type: none"> <li>Six Town Housing have completed 131 properties as part of SHDF wave 1.</li> <li>243 properties to be included in wave 2 to be completed over the next 2 years, with 213 properties to be</li> </ul>	<ul style="list-style-type: none"> <li>To reach carbon neutrality every property in the borough needs to be retrofitted and decarbonised.</li> </ul>

					<p>completed within the first year of the scheme.</p> <ul style="list-style-type: none"> <li>Measures have included energy efficiency measures and solar. A lot of these properties are now ready for low carbon heating, such as heat pumps.</li> </ul>	
<b>B.8</b>	Improving the carbon literacy of our residents, businesses, and council employees	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Climate Change e-learning course introduced for Bury Council employees in August 2022. By the end of September 2023, 1355, employees have completed the course (42.6%).</li> <li>One of the community Climate Action Fund winners, the Asian Development Association of Bury (ADAB) had delivered climate awareness training to residents in Bury. By the end of the fund, they had delivered the course to 386 people, with hopes to</li> </ul>	<ul style="list-style-type: none"> <li>Raising awareness of Climate Change helps to educate people on how they can make decisions to reduce their emissions.</li> </ul>





					<p>deliver to more in the future.</p> <ul style="list-style-type: none"> <li>Bury Art Museum are in the process of training their staff to be carbon literate.</li> </ul>	
<b>B.9</b>	Developing a Scheme Delivery Framework so that when funding opportunities arise for the decarbonisation of public buildings, we can be bid-ready in a timely manner	Early Stages	Early Stages	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>The Council's housing arm Six Town Housing has established a retrofit supply chain through Procure Plus to deliver the SHDF projects.</li> <li>The Council have created an internal decarbonisation working group to push the decarbonisation of the estate</li> </ul>	<ul style="list-style-type: none"> <li>All organisations, groups, and businesses in Bury need to assess their building stock to achieve carbon neutrality.</li> </ul>
<b>B.10</b>	Design and implement a planned programme to energy audit and decarbonise all Bury Council's corporate buildings and local schools	Early Stages	Early Stages	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>Working with the GMCA the Council commissioned decarbonisation feasibility reports on 5 Council assets. The reports were completed and assessed. Unfortunately, there was not a viable business case to take forward under our current financial constraints.</li> </ul>	<ul style="list-style-type: none"> <li>All Bury Council's buildings need to be decarbonised and have energy efficiency improved to reduce demands.</li> </ul>


<p><b>B.11</b></p>	<p>Working with Six Town Housing to implement Greater Manchester's Landlords Combined Climate Strategy</p>	<p>Ongoing</p>	<p>Ongoing</p>	<p> Maintained</p>	<ul style="list-style-type: none"> <li>• Adopting GM Landlords Low Carbon Strategy Action plan to reduce carbon footprint of the organisation and the homes they manage on behalf of the Council</li> </ul>	<ul style="list-style-type: none"> <li>• All organisations, groups, and businesses in Bury need to assess their building and housing stock to achieve carbon neutrality.</li> </ul>
<p><b>B.12</b></p>	<p>Developing a plan to bring all currently built public and privately rented housing into carbon-neutrality by 2038 and SAP C rating by 2025</p>	<p>Early Stages</p>	<p>Ongoing</p>	<p> Progressed</p>	<ul style="list-style-type: none"> <li>• The Council's housing arm is adopting GM Landlords Low Carbon Strategy Action plan to reduce carbon footprint of the organisation and the homes they manage on behalf of the Council.</li> <li>• The Government made announcements in September that there may be changes to the requirements on landlords, which could make this action more difficult.</li> </ul>	<ul style="list-style-type: none"> <li>• Increasing the SAP rating means the building is more energy/thermally efficiency and therefore requires less energy.</li> </ul>
<p><b>B.13</b></p>	<p>Providing more information to residents regarding energy efficiency grants and schemes as</p>	<p>Early Stages</p>	<p>Ongoing</p>	<p> Progressed</p>	<ul style="list-style-type: none"> <li>• Information available to residents but more work needed on communications.</li> <li>• The Council is part of the "Feel the Benefit" campaign encouraging</li> </ul>	<ul style="list-style-type: none"> <li>• Residents need to be encouraged to improve the efficiency of their homes.</li> </ul>


	they become available.				<p>people to use the retrofit portal to make their homes more energy efficient.</p> <ul style="list-style-type: none"> <li>• Residents can get a free home energy survey and be given advice on the best ways to make their property more energy efficient.</li> </ul>	
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### PA3. Travel



Climate actions that Bury Council are focusing on include:

No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
T.1	Improving the connections between different modes of sustainable travel	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council is supporting TfGM to introduce Travel Hubs that aim to connect public transport with different modes of transport i.e., active travel and car clubs.</li> </ul>	<ul style="list-style-type: none"> <li>Multi-modal options make it easier for people to adopt low carbon travel.</li> </ul>
T.2	Using the licensing regime to require all taxis and private hire vehicles to be electric by 2029	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Council adopted stage 2 of the Minimum Licensing Standards. Current standards require vehicles to be compliant with the current emissions standard (Currently Euro 4 petrol and Euro 6 diesel) as follows:               <ul style="list-style-type: none"> <li>For all new to licence vehicles – with immediate effect</li> <li>For existing fleets – to begin</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Taxis do a proportionately substantial number of journeys. Reducing the emissions from these vehicles can have a significant reduction in carbon emissions and improvement in air quality.</li> </ul>


					<p>transitioning as soon as the policy is in place and to complete transitioning by 1 April 2026*</p> <ul style="list-style-type: none"> <li>○ To note the strong ambition to move existing fleets to Zero Emission as soon as possible.</li> </ul>	
<b>T.3</b>	Ensuring all buses become Ultra Low Emission Vehicles (ULEVs)	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• The Council is working with TfGM to support the move to ULEV buses.</li> <li>• Greater Manchester secured £35.73 million to introduce 170 green buses to the region. As part of the launch of phase 1 of the Bee Network and the start of bus franchising in September 2023, 50 new electric buses were brought into service, including in parts of Bury. Another 50 electric buses will be delivered for the next phase of the Bee</li> </ul>	<ul style="list-style-type: none"> <li>• Buses are large vehicles that produce a lot of emissions. Upgrading them to ULEVs will significantly reduce carbon emissions and improve air quality.</li> </ul>



					<p>Network in March 2024 in Oldham, Rochdale, and parts of Bury, Salford and north Manchester.</p> <ul style="list-style-type: none"> <li>As the Bee Network is fully rolled out, more zero-emission buses will be introduced.</li> </ul>	
<b>T.4</b>	Where feasible, giving priority to public transport over other motor traffic to promote sustainable orbital inter-town travel	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> <li>The Bury Local Transport Strategy was approved by Councillors in October 2023. The Strategy aims to make it easier for everyone to get around and give people a real choice of how they travel.</li> <li>One of the six main objectives of the Strategy is to reduce the impact of transport on the environment, by investing in low carbon travel to support the climate emergency and help Bury be carbon neutral by 2038.</li> <li>As the Strategy is implemented it will become easier to get</li> </ul>	<ul style="list-style-type: none"> <li>Multi-modal options make it easier for people to adopt low carbon travel.</li> </ul>




					around by public transport, on foot and by bike. Walking and cycling will become the first choice for short journeys for those who are able to walk and cycle.	
<b>T.5</b>	Providing more flexible and affordable payment and ticketing options	Ongoing	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Buses are being brought under local control, which will mean they will be an integrated part of the public transport network. This will allow people to change easily between different modes of transport with simple, affordable price-capped tickets.</li> <li>The Bee Network App has been introduced, which helps with this integration - <a href="#">Bus tickets   Bee Network   Powered by TfGM</a></li> </ul>	<ul style="list-style-type: none"> <li>Helping to incentivise people to take public transport and other modal means of low carbon travel.</li> </ul>
<b>T.6</b>	Replacing Bury's Bus Rail interchange to provide a modern and user-friendly facility	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> <li>Plans for a new Bury Interchange continue to be developed, with a key milestone being Government approval of a Strategic Outline</li> </ul>	<ul style="list-style-type: none"> <li>Helping to incentivise people to take public transport and other modal means of low carbon travel.</li> </ul>





					<p>Business Case in March 2023.</p> <ul style="list-style-type: none"> <li>The Interchange is being designed in a way that minimises embodied carbon in construction and will be carbon neutral in operation.</li> </ul>	
T.7	Implementing the GM Clean Air Plan and associated Clean Air Zone (CAZ)	Ongoing	Ongoing	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>Greater Manchester has now published a case for a new investment-led Greater Manchester Clean Air Plan, with no charging Clean Air Zone. This was submitted to government on 1 July 2022, and we are now liaising with the Government regarding some more work that is needed to finalise proposals.</li> <li>Participatory engagement approach delivered via early stakeholder engagement.</li> </ul>	<ul style="list-style-type: none"> <li>Tackling Air Quality will also help to reduce carbon emissions by encouraging active travel, public transport, and the adoption of zero emission vehicles.</li> </ul>
T.8	Developing a plan to reduce freight emissions and support a modal	Discussion Stage	Discussion Stage	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>Clean air financial support scheme used to upgrade HGVs to low emission vehicles.</li> </ul>	<ul style="list-style-type: none"> <li>Freight vehicles are large and therefore produce a lot of emissions. Reducing</li> </ul>






	shift toward increased efficiency and alternative fuels for HGVs					the emissions of these vehicles will significantly lower carbon emissions from travel overall.
<b>T.9</b>	Promoting the implementation of the GM wide bike-sharing programme which will include e-bikes	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• The Bee Bikes network is currently in Manchester Centre, Salford, and Trafford.</li> <li>• The Council is pushing for inclusion of e-bikes in Bury as soon as possible.</li> <li>• Although not part of the GM scheme, bike libraries have been introduced into Radcliffe, Bury Centre, Openshaw Park and Clarence Park. These offer the opportunity to borrow a bike for free for a period of time. There are plans to extend these to Ramsbottom, Whitefield and Prestwich by Summer 2024</li> <li>• Bury is to launch a bike hospital programme in which families will be</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-modal options make it easier for people to adopt low carbon travel.</li> </ul>

					able to have their bikes maintained for free	
<b>T.10</b>	Aiming to reduce associated emissions from aviation at Manchester Airport	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Manchester Airport has unveiled plans to become the first UK airport with a direct supply of low carbon hydrogen fuel.</li> <li>The airport has signed a Memorandum of Understanding (MoU) with HyNet, Progressive Energy, and Cadent, which will build and operate HyNet's hydrogen pipeline network.</li> <li>Through the MoU, the partners are aiming to deliver hydrogen to the aviation sector at the earliest opportunity, including the connection of Manchester Airport to a pipeline being developed by HyNet.</li> </ul>	<ul style="list-style-type: none"> <li>Aviation produces a significant amount of carbon emissions. This will have to be reduced to tackle runaway climate change.</li> </ul>
<b>T.11</b>	Developing and promoting active travel and the 15-minute neighbourhood concept as part of the proposed neighbourhood	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Fishpool, and Pimhole active neighbourhood interventions to be implemented in 2024.</li> </ul>	<ul style="list-style-type: none"> <li>Road vehicles are one of our biggest sources of emissions. Need to encourage people to use low carbon transport.</li> </ul>

	and town-centre regeneration schemes to create thriving and sustainable spaces					
<b>T.12</b>	Developing exemplar projects where priority is given to cyclists and pedestrians rather than to motor vehicles	Ongoing	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• Trial LTN implemented at Garside Hey.</li> <li>• New cyclops junction at Jubilee way installed</li> </ul>	<ul style="list-style-type: none"> <li>• Road vehicles are one of our biggest sources of emissions. Need to encourage people to use low carbon transport.</li> </ul>
<b>T.13</b>	Improve walking and cycling infrastructure and provide routes for people to feel safer whilst walking and cycling.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• 6 Mayor Challenge Fund (MCF) active travel schemes are due to be completed in 2023 including Bury, Radcliffe and Ramsbottom town centre schemes, where City Region Sustainable Transport Settlement (CRSTS) funding will deliver 'Streets for All' work in 2022-27.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduction in cars on the road/emissions associated with cars required.</li> </ul>
<b>T.14</b>	Developing an e-car club across Bury	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• The current pilot with Enterprise Car Club continues.</li> <li>• The Council aims to expand this offer in 2024.</li> </ul>	<ul style="list-style-type: none"> <li>• Moving towards car sharing instead of car ownership reduces cars on the road.</li> </ul>



<b>T.15</b>	Grow the electric vehicle charging infrastructure (EVCI) enabling wider rollout of electric vehicles.	Ongoing	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Council appointed an EVCI supplier under a concessionary arrangement to install Rapid and Ultra-Rapid charging points on Council land.</li> <li>TfGM have installed 3 Rapid Charging hubs for taxis. Each hub has two rapid chargers just for taxis and are located at:             <ul style="list-style-type: none"> <li>Trinity Road Car Park</li> <li>Foundry Street Car park</li> <li>Whitefield Park and ride.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Electric vehicles are a more sustainable option to traditional Internal Combustion Engine (ICE) cars. Producing less carbon emissions and less air pollution.</li> </ul>
<b>T.16</b>	Decarbonising the council fleet	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Currently, 77% of the council fleet are Euro 6 or electric. We have taken delivery of 115 new vehicles, 10 of which are fully electric.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in vehicles on the road/emissions associated with vehicles required.</li> </ul>
<b>T.17</b>	Encourage home working, where possible and reduce road travel.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Council have adopted an agile working policy and continues to encourage a flexible approach to work.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in cars on the road/emissions associated with cars required.</li> </ul>
<b>T.18</b>	Working with schools to increase active travel and reduce	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The Guardian Angels school street is live and proving a success.</li> </ul>	<ul style="list-style-type: none"> <li>Younger people are most vulnerable to pollution, therefore less road vehicles</li> </ul>




	travel-associated carbon emissions				<ul style="list-style-type: none"> <li>• 3 more school streets are proposed.</li> <li>• Aiming to work with at least 7 schools on an active travel initiative, jointly funded by public health, highways, national highways, and active travel England.</li> <li>• Aiming to support at least 2 schools with Modeshift stars accreditation.</li> </ul>	reduces the potential health impacts.
<b>T.19</b>	Working with our NHS and health partners to better communicate the health-related issues of climate change	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• The NHS are represented on our Climate Action Board.</li> <li>• More progress is required on shared messages about the health-related issues of Climate Change.</li> <li>• Northwest Public Health and Sustainability Collaborative established with Bury representation</li> </ul>	<ul style="list-style-type: none"> <li>• Problems associated with air pollution along with the health benefits of active travel need to be communicated to encourage action.</li> </ul>
<b>T.20</b>	Work with businesses to encourage more sustainable travel.	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> <li>• The Council's provides advice to business on sustainable travel. Including referral to TfGM to access support.</li> <li>• The Growth Company's Bee Net Zero scheme</li> </ul>	<ul style="list-style-type: none"> <li>• All businesses and organisations across the borough need to get involved to reduce emissions associated with cars.</li> </ul>

					offers advice on sustainable travel.	
<b>T.21</b>	Reduce Council staff and Councillor use of cars and reduce travel where possible	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Council's car use policy has been amended to make eligibility for Priority and Approved Car User status based upon an assessment of the requirements of the role, rather than the amount of mileage undertaken. This removes potential incentives for employees to undertake high mileage to be eligible for a lump sum and a town centre car parking pass. This will help reduce overall mileage undertaken.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in cars on the road/emissions associated with cars required.</li> </ul>



## PA4. Consumption & Waste




Climate actions that Bury Council are focusing on include:

No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
C.1	Increasing the life of products by facilitating more outlets for servicing and repair	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The Re-use hub takes peoples unwanted items from across GM Household Waste and Recycling Centres and repurpose/upcycles the furniture, electrical equipment, and bikes.</li> <li>There are 3 reuse shops in Greater Manchester, which sell these items. An eBay shop is also in place.</li> </ul>	<ul style="list-style-type: none"> <li>Increasing the life of products helps to prevent new raw materials being extracted and processed as well as reducing waste.</li> </ul>
C.2	Increasing recycling rates with a wider range of materials collected for recycling	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>A campaign has been taking place over the last 2 years to increase the amount of waste collected for recycling.</li> </ul>	<ul style="list-style-type: none"> <li>Need to move towards a more circular economy where fewer things are thrown away to reduce energy requirements.</li> </ul>




C.3	Reduce food and garden waste going for disposal.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>We are encouraging people to waste less food (Love Food Hate Waste campaign) and adopt home composting.</li> <li>In partnership with Recycle for Greater Manchester we are looking to increase the percentage of unavoidable food and garden waste that is recycled.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements and use of resources.</li> </ul>
C.4	Eliminate single use plastic within Council operations where feasible.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Working with GMCA to address single use plastics in Council operations.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements and use of resources.</li> </ul>
C.5	Increasing the number of sustainable businesses in Bury	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The Council's Business Team works with the Green Growth Hub to support sustainable businesses in Bury.</li> <li>68 Green Tech companies engaged within Bury. 10 have signed up to the Green Economy Marketplace, which is a procurement portal for green tech</li> </ul>	<ul style="list-style-type: none"> <li>Industry produces a lot of GHG emissions. Moving to sustainable businesses will reduce these emissions.</li> <li>More sustainable businesses will make it easier for everyone to be more sustainable.</li> </ul>



					<p>companies <a href="https://greenconomy.co.uk/marketplace">https://greenconomy.co.uk/marketplace</a></p> <ul style="list-style-type: none"> <li>7 Bury Companies that have achieved Carbon savings projects with a total carbon saving of 171t CO2e</li> </ul>	
<b>C.6</b>	Working with local businesses to improve waste reduction	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Commercial Waste Officer recruited in January 2022 to work with local businesses to promote and encourage waste reduction and recycling.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements.</li> </ul>
<b>C.7</b>	Tackling the issue of fly tipping within our local communities	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>91 Fixed Penalty notices have been issued for fly tipping and 65 for littering.</li> <li>15 prosecutions have been taken forward.</li> <li>Collaborative work between officers and the Waste Management Enforcement officers.</li> <li>Social media campaign to be launched this year to send anti-fly tipping messages.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage more sustainable methods of disposal to create safer and healthier environments.</li> </ul>

C.8	Incorporating sustainability into our procurement strategy.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Council has a Social Value Policy. This requires commissioners and procurers to include social value considerations in the process. This includes asking bidders to demonstrate their sustainability.</li> <li>The Council has a new Procurement Strategy, which references the Climate Action Strategy and Action Plan.</li> </ul>	<ul style="list-style-type: none"> <li>Council procurement should encourage local production to shorten geographical distances required.</li> </ul>
C.9	Utilise local producers within Council procurement decisions.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Council has a Social Value Policy. This requires commissioners and procurers to include social value considerations when we procure. Part of this includes supporting local producers</li> </ul>	<ul style="list-style-type: none"> <li>Local producers have lower transport miles which requires less energy.</li> </ul>
C.10	Improve awareness of zero-waste choices within our	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>In partnership with GMCA we are promoting the Reuse hubs across Greater Manchester.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements.</li> </ul>


	local communities.				<ul style="list-style-type: none"> <li>• A review of the bulky waste collections will be undertaken to make it easier to arrange a bulky waste collection service and where possible, reuse the items collected.</li> <li>• Website promotes reuse when bulky waste collections are ordered.</li> <li>• Ramsbottom and Prestwich have been awarded plastic free status.</li> </ul>	
C.11	Promote the concept of "whole-life impact" of products in our local communities	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• As part of priority 4 of the <a href="#">GM Sustainable, Consumption and Production (SCP) Plan</a> a community climate change impact awareness course is in development to help people make more informed choices when buying products. This will be held on the GM Green City website. The website will be supported by a Communications Plan</li> </ul>	<ul style="list-style-type: none"> <li>• Reusing items rather than wasting them reduces energy consumption.</li> </ul>



					developed with stakeholders to promote the benefits of moving to a sustainable lifestyle.	
<b>C.12</b>	Promoting local businesses that are demonstrating good environmental practices	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council works with the Growth Company to provide case studies of good environmental practice.</li> <li>Promotion of the Healthy Catering Guide within businesses.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements.</li> </ul>
<b>C.13</b>	Working with local schools to reduce waste	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Recycle for GM has an Education and Learning offer to educate and engage with students on waste and recycling.</li> </ul>	<ul style="list-style-type: none"> <li>Reduce waste to reduce energy requirements.</li> </ul>
<b>C.14</b>	Carrying out research into the role of consumption related emissions and establishing priorities to reduce these	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Work at the Greater Manchester level to look at how the 10 local authorities tackle their scope 3 emissions.</li> <li>The Council included emissions for working from home for the first time in its annual GHG emissions report.</li> </ul>	<ul style="list-style-type: none"> <li>Keeping better track of our emissions from consumption of goods often referred to as Scope 3 Emissions will give us a better idea of how to approach and reduce them.</li> </ul>

## PA5: Food


Bury was awarded the prestigious Sustainable Food Places Bronze award (led by the Soil Association, Food Matters and Sustain) (June 2022). The award recognises the work of Bury Food Partnerships to promote healthy, sustainable, and local food and to tackle some of today's greatest social challenges: from food poverty and diet-related ill-health to the disappearance of family farms and the loss of independent food retailers. <https://www.burytimes.co.uk/news/20206917.bury-wins-sustainable-food-places-award/>. For further information about the work of the Bury Food Partnership please see the following link: <https://theburydirectory.co.uk/bury-food-partnership>. Bury Food Partnership is now actively working toward the Silver Sustainable Food Places award in 2024.

### Climate action across Bury in 2021/22 included:





No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
F.1	Promoting a plant rich diet which will reduce overall meat and dairy consumption	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>The Bury Food Strategy and the Bury Good Food Charter have identified this as a key aim and incorporate where possible within messaging using the framing of more veg, better meat, and by promoting plant-based options.</li> <li>Bury Schools Catering Service ensure that there is a dedicated plant-based menu available, as well as</li> </ul>	<ul style="list-style-type: none"> <li>The meat and dairy industry are responsible for significant amounts of Carbon emissions.</li> </ul>

					ensuring that over 50% of the menu items on the regular menu are plant based.	
<b>F.2</b>	Promoting diets with lower-energy intensity e.g., buying local produce and seasonal goods or buying from more sustainable farms	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• Bury Food Strategy and the Bury Food Charter identify this as a key aim to work towards.</li> <li>• Bury procurement frameworks have been implemented promoting locally sourced food.</li> <li>• The Bury Schools Catering Service are now actively working towards achieving the Food for Life Served Here silver award, and the Green Kitchen Standard</li> </ul>	<ul style="list-style-type: none"> <li>• Buying locally and seasonally helps to reduce carbon emissions and helps to prevent food waste.</li> </ul>
<b>F.3</b>	Increase awareness of food sustainability by working with local businesses.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• The Bury Food Strategy, the Bury Good Food Charter and the Bury Catering Award identify this as a key aim to work towards.</li> <li>• The Bury Healthy Catering Award has been adapted to the Healthier &amp; Sustainable Catering Guide for local</li> </ul>	<ul style="list-style-type: none"> <li>• Local businesses need to be aware and engaged with these goals as well as residents and corporations.</li> </ul>



					<p>food businesses (Nov 2023).</p> <ul style="list-style-type: none"> <li>• Bury Market was launched as a Healthy Start destination (2023). Promoting Healthy Start at the market supports our local families, and the local economy. · Bury is held in high regard as an example of connecting, supporting, and celebrating communities and businesses through food.</li> <li>• Bury Food Partnership was chosen out of a possible 80 plus food partnerships to highlight at the Sustainable Food Places Day of Action at Westminster to 40+ cross party MPs (June 2023)</li> </ul>	
<b>F.4</b>	Improve our community's knowledge of healthy/sustainable food and alternative diets.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• Part of the Bury Good Food Charter and promoted via the Bury Food Partnership e.g., Bury Adult Learning Service cooking courses</li> </ul>	<ul style="list-style-type: none"> <li>• Alternatives diets and sustainable food can reduce energy required from things such as meat, food imports and out of</li> </ul>

					<p>in the community, and wider public facing events such as cooking demos at Bury Market.</p> <ul style="list-style-type: none"> <li>• The Schools Catering Service provide skills development for all catering staff, this is to improve the quality of the offer, but to improve cooking skills within the community as Bury Council's Schools Catering employ over 280 people.</li> <li>• Bury Market was launched as a Healthy Start destination (2023). Bringing together this valuable nutritional scheme with our fantastic local market is we hope beneficial to everyone involved, as part of our work in promoting good food for all in Bury.</li> </ul>	<p>season food production.</p>
<b>F.5</b>	Make refilling water bottles as	Early Stages	Early Stages	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>• Over 50 sites across Bury offer water refill</li> </ul>	<ul style="list-style-type: none"> <li>• Tap water requires less energy to</li> </ul>



	easy as possible across the borough, reducing single-use plastic.				stations according to Refill.org. <ul style="list-style-type: none"> <li>• More work required in the Radcliffe area.</li> </ul>	produce and transport compared to bottled water. <ul style="list-style-type: none"> <li>• Reduces the use of single use plastic.</li> </ul>
<b>F.6</b>	Enabling new local “Grow your own” projects	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• Several Incredible Edible sites established across Bury.</li> <li>• Community orchards continue to operate</li> </ul>	<ul style="list-style-type: none"> <li>• Growing food locally reduces associated food miles and encourages greater awareness of food availability.</li> </ul>
<b>F.7</b>	Providing more allotments to grow local food	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• New food growing schemes are supported.</li> </ul>	<ul style="list-style-type: none"> <li>• Reducing food miles, reduces energy required to transport.</li> </ul>
<b>F.8</b>	Reduce food miles by supporting local independent food outlets.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• Bury Food Charter established and this encouraging this action.</li> <li>• Bury Healthy Catering guidance promotes buying locally. to reduce food miles.</li> </ul>	<ul style="list-style-type: none"> <li>• Reducing food miles, reduces energy required to transport.</li> </ul>
<b>F.9</b>	Implementing a sustainable procurement catering plan across the Council	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• Bury Schools Catering provides 16,000 healthy and sustainable meals every school day. The Service reviewed their product shopping list to ensure they meet the Food for Life bronze accreditation (2022),</li> </ul>	<ul style="list-style-type: none"> <li>• Reducing food miles, reduces energy required to transport.</li> </ul>

					<p>which supports sustainable local food purchases and are now working towards the Food for Life Silver accreditation (2023), and the Green Kitchen Standard.</p> <ul style="list-style-type: none"> <li>• The Schools Catering Service have appointed local suppliers for the procurement of local and sustainable food through the YPO framework.</li> <li>• The local economy has been impacted positively as we have been able to drive business to local suppliers. The distance of delivery for all our schools has been reduced from over 50 miles away to less than 10.</li> <li>• Bury has scored highly on Sustains “Every Mouthful Counts Report (2023)” and has been used as a case study of</li> </ul>	
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					<p>best practice to other LA's.</p> <ul style="list-style-type: none"> <li>To enhance our local food system further Bury Food Partnership have been successful in our application to participate in the global Food Trails Cascade learning programme (Nov 2023).</li> </ul>	
<b>F.10</b>	Working with schools to increase awareness of food sources and sustainability	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>A new kitchen management system has been developed and is being implemented across Bury's schools. The system promotes sustainable food/alternative diets and reduce food waste.</li> </ul>	<ul style="list-style-type: none"> <li>Alternatives diets and sustainable food can reduce energy required to provide our food by reducing emissions resulting from meat production, food imports and out of season food production.</li> </ul>
<b>F.11</b>	Work with established food bank/pantry networks to reduce food waste.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Ongoing work with the Bury Community Support Network (BCSN), regarding strengthening sector relationships, and methods of sourcing/redistributing food e.g., FareShare,</li> </ul>	<ul style="list-style-type: none"> <li>Food waste needs to be reduced/redistributed to reduce associated required energy.</li> </ul>



					<p>Neighbourly and the BCSN WhatsApp group.</p> <ul style="list-style-type: none"> <li>• In support of increasing access to affordable fresh food, an innovative film has been created looking at the transition from food bank to food pantry <a href="https://theburydirectory.co.uk/a-path-to-pantry">https://theburydirectory.co.uk/a-path-to-pantry</a>.</li> <li>• Successful application to Sustain for a Good Food Enterprise grant to explore sustainable food models with members of the BCSN (May 2023).</li> <li>• Cost of Living grants have supported community groups to meet the needs of their communities, such as the formation of Friends of Clarence Park Community Recipe Book, and the Kitchen Kit Giveaway event (Oct 2023).</li> </ul>	
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<p><b>F.12</b></p>	<p>Working with our local agricultural sector to help reduce impacts upon the planet</p>	<p>Not Started</p>	<p>Not Started</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>• More needs to be done to identify and work with local producers both within Bury and our neighbouring boroughs.</li> </ul>	<ul style="list-style-type: none"> <li>• Agricultural emissions are sizable, and we need to work with local producers to encourage action where possible.</li> </ul>
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## PA6: Natural Environment



Climate action across Bury in 2021/22 included:




No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
N.1	Having bid-ready projects relating to urban-greening initiatives	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>In the first 3 rounds of Green Spaces Funding 4 organisations in Bury were successful</li> </ul>	<ul style="list-style-type: none"> <li>Local green spaces encourage healthier lives better connected with nature.</li> </ul>
N.2	Reducing water and energy use associated with the green spaces	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council is installing water meters, which will help to address water use in different areas. The first meters are due to be installed in 2024.</li> </ul>	<ul style="list-style-type: none"> <li>Water and energy reductions required.</li> </ul>
N.3	Doubling tree cover on council owned land	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council has planted 2,647 whips (young trees) as part of its woodland creation activities.</li> <li>The Council has planted 191 standard trees.</li> <li>It is important to note that due to tree maintenance and tree disease. Trees will have to be felled as well, so</li> </ul>	<ul style="list-style-type: none"> <li>Greater biodiversity.</li> <li>Increased natural capture of Carbon Emissions</li> <li>Provide natural cooling.</li> </ul>


					<p>we need big increases to achieve our aims.</p> <ul style="list-style-type: none"> <li>The Council is working with City of Trees to establish an Urban Forestry Hub in Barnfield Park.</li> </ul>	
<b>N.4</b>	Protect existing trees, hedgerows, and peatlands throughout the borough	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Important trees are protected with Tree Protection Orders.</li> <li>Hedges have protection via Hedgerow Regulations.</li> </ul>	<ul style="list-style-type: none"> <li>Protecting sources of natural carbon capture, reduces carbon emissions.</li> <li>These natural assets provide habitat and help to maintain biodiversity</li> </ul>
<b>N.5</b>	Producing a Green and Blue Infrastructure (GBI) Strategy that will demonstrate how we will protect, enhance, and develop our existing natural environment and greenspace	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>GBI will be covered by policies in the Borough Local Plan.</li> <li>The GMCA has produced a Local Nature Recovery Strategy (LNRS), and this will be revised as a statutory LNRS in 2024</li> <li>The Council are publishing their biodiversity strategy following a consultation in 2024.</li> </ul>	<ul style="list-style-type: none"> <li>Local green spaces encourage healthier lives better connected with nature.</li> </ul>

N.6	Enhance natural capital by protecting and expanding our green spaces.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• Work that has been completed through the green spaces fund, will help to expand, or improve green spaces.</li> <li>• The Council will continue to explore options for expanding green spaces.</li> </ul>	<ul style="list-style-type: none"> <li>• Local green spaces encourage healthier lives better connected with nature.</li> </ul>
N.7	Maintain our Green Flag parks	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• The Council now has 14 Green Flag Sites, including 13 parks and 1 cemetery.</li> </ul>	<ul style="list-style-type: none"> <li>• Local green spaces encourage healthier lives better connected with nature.</li> </ul>
N.8	Encouraging beekeeping where appropriate within the borough and implementing practices to support	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• Incredible Edible have introduced beehives to Philips Park.</li> </ul>	<ul style="list-style-type: none"> <li>• Beekeeping encourages biodiversity across our green spaces.</li> </ul>
N.9	Encouraging local communities to further connect with our natural environments	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• Ongoing engagement between the Parks team and local communities.</li> <li>• A new officer on the countryside teams has been hired to assist volunteers with managing green spaces.</li> </ul>	<ul style="list-style-type: none"> <li>• Local green spaces encourage healthier lives better connected with nature.</li> </ul>





					<ul style="list-style-type: none"> <li>• City of Trees projects are on-going across Bury as well as other local action groups championing action and engagement.</li> <li>• Organisations offer Green Social Prescribing such as Lancashire Wildlife Trust in Philips Park.</li> </ul>	
<b>N.10</b>	Managing Council owned land and road verges to increase biodiversity, including pesticide reduction and increased planting of wildflowers.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• Work has taken place to reduce grass cutting over the years, and investigation into composting green waste is being conducted to reduce the use of herbicide.</li> </ul>	<ul style="list-style-type: none"> <li>• Increasing biodiversity and encouraging nature to flourish is a part of the climate agenda.</li> </ul>
<b>N.11</b>	Work via the Places for Everyone Strategy so that new developments incorporate	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>• The Places for Everyone spatial plan includes a policy requirement for development to achieve a measurable net gain for biodiversity of no less than 10% in line with the</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainability along with biodiversity and nature need to be incorporated into future planning.</li> </ul>




	biodiversity net gain.				national mandatory system. <ul style="list-style-type: none"> <li>National requirements come into effect in February 2024.</li> </ul>	
<b>N.12</b>	Engaging with the public more around local decisions relating to green spaces	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>City of Trees projects are on-going across Bury as well as other local action groups championing action and engagement.</li> </ul>	<ul style="list-style-type: none"> <li>Local green spaces encourage healthier lives better connected with nature.</li> </ul>
<b>N.13</b>	Investigating the potential of rewilding and how best to incorporate	Not started	Early Stages	 Progressed	<ul style="list-style-type: none"> <li>Some Council owned greenspaces receive minimal maintenance Further investigation required on how private landowners can be supported to rewild.</li> </ul>	<ul style="list-style-type: none"> <li>Increasing biodiversity and encouraging nature to flourish is a part of the climate agenda.</li> </ul>
<b>N.14</b>	Working with schools to better use green spaces to promote biodiversity	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council supports City of Trees who works with schools to educate on better uses of green spaces.</li> <li>Whitefield Environmental Forum is working specifically with schools to increase tree cover.</li> </ul>	<ul style="list-style-type: none"> <li>Local green spaces encourage healthier lives better connected with nature.</li> </ul>




<p><b>N.15</b></p>	<p>Investigating how best to promote and improve our blue infrastructure</p>	<p>Discussion Stages</p>	<p>Early Stages</p>	<p> Progressed</p>	<ul style="list-style-type: none"> <li>• The Environment Agency and United Utilities are producing a joint plan. The Irwell Catchment Partnership, which seeks to implement the European Water Framework Directive.</li> <li>• Water safety is being covered and an action plan is being produced. Actions already taking place include canoeing at Burrs, and partnership with the Irwell Catchment.</li> </ul>	<ul style="list-style-type: none"> <li>• Local green spaces encourage healthier lives better connected with nature.</li> </ul>
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## PA7. Green Economy, Skills & Education

Climate actions that Bury Council are focusing on include:

No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
S.1	Supporting and promoting the Growth Company to support local businesses to decarbonise	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council's business team has a close connection to the Growth Company to support businesses to decarbonise.</li> </ul>	<ul style="list-style-type: none"> <li>Industry produces a lot of GHG emissions and therefore businesses require support to decarbonise their operations.</li> </ul>
S.2	Work with our business community to increase the number of service providers that can deliver new renewable heat and energy systems, and create a network that can deliver energy-efficiency upgrades	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Liaising with the Growth Company to provide support to businesses.</li> <li>A scheme called Bee Net Zero has been launched to engage with business on tackling carbon emissions.</li> <li>GMCA project - "Your Home Better" will stimulate local low/zero carbon markets.</li> <li>The Council's business team works with the Business Growth Hub</li> </ul>	<ul style="list-style-type: none"> <li>More service providers are required to ensure we can future-proof demand.</li> <li>A network of energy efficiency specialist providers is required to meet the demand that is required to reach carbon neutrality.</li> </ul>

					and Green Growth Hub to identify and collate providers that deliver these services.	
<b>S.3</b>	Developing a Skills Strategy Audit to identify priority areas for green jobs as well as where technical skills need further developing	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> <li>The GMCA are developing a Green Skills Strategy</li> </ul>	<ul style="list-style-type: none"> <li>To be able to carry out the necessary actions to reduce our carbon footprint we need to have a skilled labour force in place ready to complete the necessary work.</li> </ul>
<b>S.4</b>	Working closely with universities and local industry to promote innovation	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>In 2022 the Energy Innovation Agency (EIA) was established. The EIA partners with GMCA, industry and universities to explore innovative ways of reducing carbon.</li> </ul>	<ul style="list-style-type: none"> <li>Current practices and technology can only take us so far to carbon neutrality, we will need to innovate too.</li> </ul>
<b>S.5</b>	Further exploring collaborative actions with the public sector such as the NHS, Fire and Police to reduce carbon emissions through	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> <li>The Climate Action Board has been established, which brings these organisations together.</li> </ul>	<ul style="list-style-type: none"> <li>Economies of scale can be realised by working together on this agenda.</li> </ul>

	commissioning and procurement					
<b>S.6</b>	Stimulating local demand for renewable energy and other green solutions within the business sector	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>• Many of the initiatives already mentioned in this plan will help to stimulate demand, such as:             <ul style="list-style-type: none"> <li>• Your Homes Better</li> <li>• Social housing decarbonisation fund (SHDF)</li> <li>• Work on decarbonising the Council Estate</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Stimulating demand will help give businesses the confidence to invest and grow in this area.</li> </ul>
<b>S.7</b>	Promoting the decarbonisation of the Council's pension fund	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> <li>• No progress made.</li> </ul>	<ul style="list-style-type: none"> <li>• Divestment from fossil fuels helps to remove support for carbon intensive industries.</li> </ul>
<b>S.8</b>	Increasing awareness of a circular/sharing economy by working with voluntary, community and social enterprise organisations	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> <li>• No progress made.</li> </ul>	<ul style="list-style-type: none"> <li>• A circular/sharing economy makes the most out of our resources and prevents waste.</li> </ul>


<b>S.9</b>	Promoting energy efficiency and carbon neutrality to local businesses	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Growth Company's Bee Net Zero scheme supports businesses.</li> </ul>	<ul style="list-style-type: none"> <li>All businesses, groups and organisations need to assess their operations to reduce energy use where possible.</li> </ul>
<b>S.10</b>	Developing pilot projects that showcase energy efficient retrofitting and renewable heating systems to grow our low carbon business sector	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The work being completed by Six Town Housing using SHDF funding will provide projects that showcase energy efficient retrofitting using a Bury based business.</li> </ul>	<ul style="list-style-type: none"> <li>Pilot projects will help to demonstrate what is possible and encourage new businesses.</li> </ul>
<b>S.11</b>	Divesting Council funds away from fossil fuels and investing in renewable energy projects	Not Started	Not Started	 Maintained	<ul style="list-style-type: none"> <li>Under investigation but is exceedingly difficult considering the Council's current financial position.</li> </ul>	<ul style="list-style-type: none"> <li>Council budgets and finances need to encourage greater action on carbon reduction by using financial pressure.</li> </ul>
<b>S.12</b>	Working with our educational facilities to grow the technical skillset required to deliver renewable heat	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Bury College is represented on the Climate Action Board.</li> <li>The GMCA are developing a Green Skills Strategy</li> </ul>	<ul style="list-style-type: none"> <li>Skilled workers are required to meet the demands on the energy sector to meet our carbon neutrality targets.</li> </ul>





	and energy systems					
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## PA8. Environmental Justice

Climate actions that Bury Council are focusing on include:



No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
J.1	Working with the NHS to address health inequalities and working towards reducing the potential impacts of climate change on those already suffering	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Bury's Climate team attend the NW Public Health and Sustainability Collaborative which aims to develop understanding of the health impacts of climate change and sharing best practice in relation to how we address these impacts.</li> <li>Bury Council Climate Change Adaptation and Resilience Working Group established and initial; work carried out to establish our baseline re existing strategies, procedures, and experience.</li> </ul>	<ul style="list-style-type: none"> <li>Ensures that we take suitable action to protect our most vulnerable residents from the impacts of a changing climate</li> </ul>


<b>J.2</b>	Liaise with partners and neighbourhood structures to improve identification of fuel poor households.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>Fuel Poverty Group established with relevant stakeholders</li> </ul>	<ul style="list-style-type: none"> <li>Improving the energy efficiency of vulnerable peoples' homes will reduce fuel poverty in the area.</li> </ul>
<b>J.3</b>	Improve awareness amongst frontline Council Officers,' helping them identify signs of fuel poverty and the systems for referring these.	Ongoing	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>As part of the Council's Poverty Strategy a Fuel Poverty Subgroup has been established with relevant stakeholders</li> <li>National Energy Action are offering training.</li> <li>Investigating the introduction of an energy referral form for frontline workers</li> </ul>	<ul style="list-style-type: none"> <li>Improving the energy efficiency of vulnerable peoples' homes will reduce fuel poverty in the area.</li> </ul>
<b>J.4</b>	Targeting energy efficiency schemes to reduce fuel bills of vulnerable people or the fuel poor	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Winter wellbeing and fuel poverty events attended by Council Officers to promote available energy schemes.</li> </ul>	<ul style="list-style-type: none"> <li>Improving the energy efficiency of vulnerable peoples' homes will reduce fuel poverty in the area.</li> </ul>
<b>J.5</b>	Continuously reviewing and improving how we involve citizens in our existing	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>There is now a communications working group reporting to the Climate Action Board.</li> </ul>	<ul style="list-style-type: none"> <li>Enables local communities to get more engaged in climate action work.</li> </ul>


	decision-making processes and ensure that voices of the most vulnerable communities are represented				<ul style="list-style-type: none"> <li>Climate Action Bury were awarded Community Climate Action Funding to develop an online climate hub, to increase engagement on climate action.</li> </ul>	
<b>J.6</b>	Identify neighbourhoods lacking in green infrastructure, accessible green space and/or biodiversity.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>The Council is producing a Biodiversity strategy.</li> <li>GMCA are producing a Local Nature Recovery Strategy (LNRS).</li> <li>More work is needed to improve those areas lacking in green space.</li> </ul>	<ul style="list-style-type: none"> <li>Local green spaces encourage healthier lives better connected with nature.</li> </ul>


## PA9. Climate Resilience & Adaptation



Climate actions that Bury Council are focusing on include:

No.	Action	2021/22 Position	22/23 Progress	Direction of Travel	Details	Impact on Climate Change
R.1	Collaborating with and encouraging all relevant partners to move towards carbon-neutrality	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>We have held our first full year of Climate Action Board meetings and have established two working groups. One looking at communications and one looking at adaptation.</li> <li>In February 2023, the Climate Action Team hosted the Team Bury away day event showcasing climate action across partners and our community groups.</li> </ul>	<ul style="list-style-type: none"> <li>All organisations, groups, and businesses in Bury need to assess their building stock to achieve carbon neutrality.</li> </ul>
R.2	Working with utility providers to better understand our critical infrastructure and how we can	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>GMCA are developing a GM wide integrated water management plan with United Utilities and the Environment Agency this year.</li> </ul>	<ul style="list-style-type: none"> <li>Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient</li> </ul>




	protect it against the risks of climate change				<ul style="list-style-type: none"> <li>Greater Manchester has representation at the National Capital Group that looked at the wider picture of national utilities, this includes assessing national risks to utilities. Including: <ul style="list-style-type: none"> <li>Failure of the national electricity transmission network.</li> <li>Regional failure of the electricity network.</li> <li>Failure of gas supply infrastructure.</li> </ul> </li> </ul>	<p>and adapt to future changes.</p> <ul style="list-style-type: none"> <li>Part of this will require protecting our critical infrastructure.</li> </ul>
<b>R.3</b>	Gaining a better understanding of extreme weather impacts in Bury	Discussion Stage	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>Emergency flood plans in place.</li> <li>NW Public Health and Sustainability Collaborative working to understand the potential health implications of extreme weather.</li> <li>There is a GM risk group in place that has produced plans to respond to climate related extreme weather impacts.</li> </ul>	<ul style="list-style-type: none"> <li>Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.</li> </ul>



					<ul style="list-style-type: none"> <li>• A public facing community risk register is available <a href="#">GM Prepared - Community Risk Register (gmemergencyplanning.org.uk)</a>.</li> <li>• Bury Council Climate Change Adaptation and Resilience Working Group has been established and initial work carried out to establish our baseline re existing data, strategies, procedures, and plans. This will be used to establish where our vulnerabilities lie.</li> </ul>	
<b>R.4</b>	Incorporating adaptation within our plans and strategies	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> <li>• The Council is addressing what is included in our current emergency plans.</li> <li>• There is a GM resilience strategy <a href="#">Greater Manchester Resilience Strategy 2020-2030 (greatermanchester-ca.gov.uk)</a></li> <li>• Bury Council Climate Change Adaptation and</li> </ul>	<ul style="list-style-type: none"> <li>• Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.</li> </ul>

					Resilience Working Group has been established to develop an adaptation and resilience plan which will include how we will incorporate adaptation and resilience in our strategies.	
<b>R.5</b>	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	Ongoing	 Progressed	<ul style="list-style-type: none"> <li>• The Environment Agency has flood risk maps available on their website.</li> <li>• Greater Manchester Resilience is working with Bury VCFA to set up a process that would effectively activate the local voluntary organisations and volunteers who are well placed to support the identification of vulnerable persons.</li> <li>• Bury Council Climate Change Adaptation and Resilience Working Group is now established. This group is currently gathering baseline data which will</li> </ul>	<ul style="list-style-type: none"> <li>• Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.</li> <li>• The changes will affect communities disproportionately and we need to prevent this inequality as much as possible.</li> </ul>

					be used to assess where vulnerable people are at risk to the impacts of climate change.	
<b>R.6</b>	Investigating potential SuDS (sustainable drainage systems) projects to reduce runoff and therefore potential flooding in the borough	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>No net increase in surface water run-off is now a common requirement of new developments. The Council is also developing a number of SuDS projects following the first to be implemented on Prestwich High Street.</li> </ul>	<ul style="list-style-type: none"> <li>SuDS are a way of reducing, or at least avoiding increasing the impact of climate change.</li> </ul>
<b>R.7</b>	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	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>Bury Council Climate Change Adaptation and Resilience Working Group has been established to develop our adaptation and resilience action plan. The action plan will outline how we will raise awareness and communicate actions required by our communities to support resilience to climate change.</li> </ul>	<ul style="list-style-type: none"> <li>Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.</li> </ul>



<p><b>R.8</b></p>	<p>Ensuring that all council services are adaptable to a changing climate</p>	<p>Early Stages</p>	<p>Early Stages</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>• Business continuity plans in place for all services.</li> <li>• Bury Council Climate Change Adaptation and Resilience Working Group is now established. This group is currently gathering baseline data which will be used to assess where vulnerable people are at risk to the impacts of climate change and how council activity can help to mitigate these impacts.</li> </ul>	<ul style="list-style-type: none"> <li>• Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.</li> </ul>
<p><b>R.9</b></p>	<p>Keeping up to date with carbon offsetting opportunities and consider the practicality and reliability of using these means to meet our target.</p>	<p>Discussion Stage</p>	<p>Discussion Stage</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>• This is being explored via the GM environment fund.</li> </ul>	<ul style="list-style-type: none"> <li>• It is going to be very difficult for the Council to achieve Carbon Neutrality by 2038 without some form of off-setting.</li> </ul>
<p><b>R.10</b></p>	<p>Working with rural landowners in Bury to reduce</p>	<p>Not started</p>	<p>Not started</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> <li>• Work has not started yet.</li> </ul>	<ul style="list-style-type: none"> <li>• Natural flood management is an effective way to reduce flooding risk</li> </ul>

	flood risk further down stream					and increase biodiversity.
<b>R.11</b>	Working with local action groups to deliver community action and resilience	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> <li>There are lots of different community groups taking part in their own way and the Council continues to work with these groups where possible.</li> </ul>	<ul style="list-style-type: none"> <li>Local communities can make big improvements to resilience by taking up climate action.</li> </ul>
<b>R.12</b>	Progressing the building of the Radcliffe and Redvales flood defence scheme that will remove over 800 properties from Flood Risk Zone 3	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> <li>The Scheme is very close to completion.</li> </ul>	<ul style="list-style-type: none"> <li>Flooding is one of the most likely local detrimental effects of Climate change on Bury, therefore we need to prevent and adapt to its effects.</li> </ul>

## Completed Actions

These are the actions from last year's Climate Action Plan, which are now complete.

Action No. In 2022 Action plan	Action	Details
E.10	Setting measurable indicators to monitor progress towards our 2038 carbon-neutral target	At the beginning of this document there is a set of KPI's
E.11	Aligning all Council plans and policies with our 2038 carbon-neutral target	Carbon Neutrality is a central part of the Let's Do It strategy and is a focus of the Team Bury partnership. This helps to ensure that is a part of all the Council's plans and policies.
R.2	Continue developing the Strategic Flood Risk Assessment (SFRA) to identify critical gaps and solution	A SFRA for the City Region has been prepared by the GMCA <a href="#">Greater Manchester Level 2 Hybrid Strategic Flood Risk Assessment</a>

## Community Engagement

Engaging on climate action is a part of the Council's wider drive towards greater engagement with the local communities and neighbourhoods in Bury. We are fortunate to have a whole host of different community-led action groups and networks.

For us to achieve our goal of carbon neutrality we need to encourage as many people as possible to join us on our journey to 2038. This means encouraging residents, businesses, local groups, and partnering organisations to do all they can to also reduce their impact.

One way the Council is addressing this problem is to have a Climate Action Board, with membership from a diverse range of organisations and community groups across Bury.

We recognise that there is much more that needs to be done to improve our community engagement.

## Partnership working

The Council realises it cannot achieve the borough's target of being carbon neutral by 2038 without the assistance of its partners. One of our priorities of our first Climate Action Plan was to establish a Climate Action Board to help us achieve more across our partners and across the community. This board has been established and is meeting on a regular basis.

Our partners are working hard on their own commitments to tackle climate change, which is demonstrated by their own associated strategies and plans listed below:

- Greater Manchester Combined Authority (GMCA) has the 5 year Environment Plan [Five-Year Environment Plan - Greater Manchester Combined Authority \(greatermanchester-ca.gov.uk\)](#)
- GMCA and Greater Manchester Fire and Rescue Service have a combined Environment Sustainability Plan [Environmental Sustainability - Greater Manchester Combined Authority \(greatermanchester-ca.gov.uk\)](#)
- NHS Greater Manchester Integrated Care have their Green Plan 2022/2025 [gm-green-plan-2022-final-v1.pdf \(gmintegratedcare.org.uk\)](#)

## Conclusion

The Council continues to make progress since it declared a climate emergency in 2019. As can be seen from the different action tables and the KPI's at the beginning of the document there are areas where the Council is making improvements, which will contribute to reducing carbon emissions. This is supported by the data in the table for overall boroughwide GHG emissions, where if you discount the carbon reductions caused by the measures to control the Covid 19 pandemic in 2020, there appears to be a downward trend. This is positive even though it is very difficult to establish how much the actions the Council is taking are helping to reduce emissions.

There is more progress in some priority action areas compared to others. There has been particular progress in food, where the Bury Food Partnership continues to have a positive effect on how we approach food in the borough. Being awarded the Sustainable Food Places Bronze Award is a great achievement and demonstrates Bury's commitment to reducing food-based carbon emissions.

There have been positive steps in transport including TfGM taking control of the buses and introducing the Bee Network App<sup>11</sup>. There are lots of active travel and shared mobility initiatives that when in place will help to give people more options about how they travel around Bury, encouraging them to use low carbon methods.

Community organisations in Bury have done very well out of the Green Spaces Fund<sup>12</sup>, with several successful projects that will help to improve the natural environment. There have also been advancements at a policy level for the natural environment with the Local Nature Recovery Strategy<sup>13</sup> from the GMCA and Bury's own Biodiversity Strategy, which will be published later in 2024.

There is less progress in some of the other priority action areas for example with energy, we are not seeing the numbers of retrofit and air source heat pump adoption that we really need to see an impact on emissions from our homes and buildings.

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<sup>11</sup> [Download the Bee Network app | Bee Network | Powered by TfGM](#)

<sup>12</sup> [Green Spaces Fund Projects in Bury | Greater Manchester Environment Fund \(gmenvfund.org\)](#)

<sup>13</sup> [Our plan for nature recovery - Greater Manchester Combined Authority \(greatermanchester-ca.gov.uk\)](#)

Although there has been substantial progress made by Six Town Housing using the Social Housing Decarbonisation Fund (SHDF).

It is important to acknowledge that the Council can only do so much by itself and for there to be considerable progress in certain areas, Council actions need to be supported by government policy and potentially funding as well.

As with last year's Climate Action Plan update it is important to be realistic and honest about the scale of the challenge. We are still nowhere near where we need to be to achieve carbon neutrality by 2038 and more importantly keep our emissions in line with the target to limit the global temperature increase to 1.5C. Rather than getting downhearted by this statement, it is another reminder that we need to redouble our efforts and keep pushing for emissions reductions in every area. This can be only achieved if we continue to work together and support everyone's efforts to make a difference.

## Appendix 1: Key Words and Definitions

Term	Definition
Carbon emissions	Carbon dioxide that planes, cars, factories, etc. produce and are known to be harmful to the environment.
Carbon neutrality	Carbon neutrality means having a balance between emitting carbon and absorbing carbon from the atmosphere in carbon sinks.
Circular/sharing economy	The circular economy is a model of production and consumption, which involves sharing, leasing, reusing, repairing, refurbishing, and recycling existing materials and products as long as possible.
Climate emergency	A situation in which urgent action is required to reduce or halt climate change and avoid potentially irreversible environmental damage resulting from it.
COP26	For nearly three decades the UN has been bringing together almost every country on earth for global climate summits – called COPs – which stands for ‘Conference of the Parties.’
GMCA	Greater Manchester Combined Authority
Greenhouse gas	Gases that trap heat in the atmosphere such as carbon dioxide and methane.
Net Zero	A target of completely nullifying the amount of greenhouse gases produced by human activity, to be achieved by reducing emissions and implementing methods of absorbing carbon dioxide from the atmosphere.
Nitrogen dioxide	A gas occurring commonly as an air pollutant,
Particulate matter	A complex mixture of extremely small particles and liquid droplets. Particle pollution is made up of a number of components, including acids (such as nitrates and sulfates), organic chemicals, metals, and soil or dust particles.



## Appendix 2: Get Involved

### PA1. Energy Supply

#### Individual actions you can get involved with:

- 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.

#### Useful links:

- [Energy Savings Trust](#)
- [Carbon Trust - Renewable Energy Guide](#)
- [Home Building – Renewable Energy](#)
- [The Voice of the Community Energy Sector | Community Energy England](#)

### PA2. Homes, Workplaces & Public Buildings

#### Individual actions you can get involved with:

- Retrofitting your house to reduce energy demand and increase comfort.
- Upgrading to a low carbon heat source if your gas boiler is at the end of its life.
- Changing habits and reducing energy usage.
- Reducing water and energy consumption.

#### Useful links:

- [Energy Savings Trust – Home Improvement Projects](#)
- [Quick Tips to Save Energy](#)
- [Feel the Benefit - Greater Manchester Combined Authority \(greatermanchester-ca.gov.uk\)](#)
- [Carbon Co-op](#)
- [Apply for the Boiler Upgrade Scheme: Overview - GOV.UK \(www.gov.uk\)](#)
- [YOUR HOME BETTER](#)

### PA3. Travel

#### Individual actions you can get involved with:

- Leave the car at home.
- Use public transport.
- Walk or cycle.
- Car share.
- Join a car club.
- 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.

#### Useful links:

- [TfGM Active Travel](#)
- [Walk Ride GM](#)
- [National Cycle Network - Sustrans](#)
- [Journey planner | Cycling UK](#)
- [Zapmap – Electric vehicle charging points](#)
- [Enterprise Car Club - Automated Daily & Hourly Car Rental across the UK](#)

### PA4. Consumption & Waste

#### Individual actions you can get involved with:

- Avoid producing waste in the first place i.e., reusable bottles for water, use local refill shops, 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.
- Write to your local supermarket asking them to reduce their plastic use.
- Prioritise buying second-hand clothing over new clothing.
- Aim to avoid single use plastic when shopping.

### Useful links:

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

## PA5: Food

### Individual actions you can get involved with:

- Adopt a diet with reduced meat and dairy consumption.
- Buy locally and seasonally.
- Start growing vegetables in your garden.
- Get involved with local community gardens and orchards.

### Useful links:

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

## PA6: Natural Environment

### Individual actions you can get involved with:

- 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 chemical pesticides.

### Useful links:

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

## PA7. Green Economy, Skills & Education

### Individual actions you can get involved with:

- Shop locally.
- Support businesses that are trying to improve their carbon footprint.
- Engage with Council services to improve decision making.

### Useful links:

- [Bury Means Business](#)
- [Net Zero | The Growth Company](#)
- [Circular economy: definition, importance and benefits | Topics | European Parliament \(europa.eu\)](#)

## PA8. Environmental Justice

### Individual actions you can get involved with:

- Work with your local communities to help us identify individuals at risk or requiring further support.
- **Useful links:**
- [What is fuel poverty?](#)
- [Environmental Justice Foundation](#)
- [ClientEarth – What is environmental justice?](#)

## PA9. Climate Resilience & Adaptation

### Individual actions you can get involved with:

- 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.

### Useful links:

- [Climate Change – Met office](#)
- [Check the long term flood risk for an area in England - GOV.UK \(www.gov.uk\)](#)
- [The Flood Hub](#)

## Appendix 3: Removed Actions

Action	Priority action area	Reason for Removal
Delivering local exemplar projects demonstrating renewable heat and energy systems in Six Town Housing properties	PA1. Energy Supply	Combined with B.8, which will achieve the same outcomes.
Explore utilising a nationally recognised carbon-neutral housing standard such as Passivhaus	PA2. Homes, Workplaces & Public Buildings	This can be covered by B.4, and it was felt it is not the Council's place to select the standard.
Provide guidance and information to local businesses, encouraging the move towards more sustainable operations	PA7. Green Economy, Skills & Education	Combined with S.8
Developing new partnerships to reach out to more fuel poor residents	PA8. Environmental Justice	Action J.2 delivers the same outcome.
Require that any impacts on carbon targets are identified in all formal reports to senior management and cabinet members	PA9. Climate Resilience & Adaptation	Action E.5 delivers the same outcome.
Where necessary, acknowledging and incorporating carbon offsetting in a timely manner to ensure the 2038 target is reached	PA9. Climate Resilience & Adaptation	Action R.10 delivers the same outcome.