

Bury Council

Climate Action Plan

2022/23

Updated March 2023

Bury
Council

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Introduction

In 2019, Bury Council declared a Climate Emergency in response to undeniable scientific findings that humans are having a negative impact upon the planet. In response, the Council has produced a Climate Action Strategy and Action Plan, outlining our principal aims and focus areas to reach our goal of carbon neutrality by 2038 (or sooner).

Climate change is a long lasting and universal problem that will affect everyone and those most impacted will be our most vulnerable residents. A recent survey by The Woodland Trust showed that one in three young people in Britain are scared (33%), sad (34%) or pessimistic (34%) about climate change, with 28% feeling “overwhelmed”. Our young people and future generations will have to deal with our legacy, and we owe it to them to take the drastic action required.

We acknowledge that climate change and its associated environmental issues cover a wide range of topics and therefore our [Climate Action Strategy](#) identified 9 priority areas:-

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

To make suitable progress in each of these areas it is vital that we work together and encourage everyone to get involved.

There are actions everyone can take, and the aim of this document is to encourage positive change that will reduce our impact on both the local environment and the global system.

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.

Aims and Objectives

The overall aim of this Action Plan and the Climate Action Strategy is to achieve carbon neutrality by 2038 (or sooner). This target of carbon neutrality applies to the entire borough, not just 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 offset. This document also 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. Establish networks of communication with various internal and external stakeholders to increase collaboration.
4. 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 is taking place and to highlight where more focus is needed so limited resources can be targeted.

The Council's Climate Action Team has spent the past year creating internal and external networks and dozens of connections to gather information about what climate action is taking place across Bury.

Governance

Climate Action Board

We now have an established Climate Action Board (CAB) which includes representatives from organisations and groups from across Bury and the Board reports into the Team Bury structure, highlighting the importance that this issue is being given by the Council.

The CAB meets quarterly and provides the Council an opportunity to update external stakeholders on project progress. It also provides a space to learn more about what other organisations are doing to help promote action and drive forward sustainability. A key topic is chosen for each meeting so a more detailed discussion can take place.

Cross Departmental Council Meetings

Quarterly internal meetings now take place, 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 sustainability into their work.

Metrics and Measurability

Key Performance Indicators

In the 2021/22 Climate Action Plan we included several Key Performance Indicators (KPIs) to measure success and track our performance.

This report is produced on an annual basis, and we will update and refine the report as we progress. Since last year we have reviewed the KPIs used in this report and refined them as some data is not available on an annual basis. Where new metrics have been added, data has been provided for previous years to show consistency with the start of the Action Plan.

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 KPI's included this year will not have been affected by the work of the Climate Action Strategy, as the data is from 2020/21, which is the latest available data. However, it is important that we begin tracking where our emissions are currently at, so we can manage their trajectory.

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

Measures	2019 Data	2020 Data	Change (%)
Borough-wide GHG Emissions¹			
Total Carbon Emissions (kt CO ₂ e)	937	838	Improved-10.55%
Industry Total Carbon Emissions (kt CO ₂ e)	86	74	Improved- 13.95%
Commercial Total Carbon Emissions (kt CO ₂ e)	57	49	Improved- 6.8%
Residential Total Carbon Emissions (kt CO ₂ e)	285	274	Improved- 3.86%
Transport Total Carbon Emissions (kt CO ₂ e)	422	361	Improved- 14.45%
Why have we included this...? Our goal to be carbon neutral by 2038 is for the entire borough, not just the Council, meaning we			

¹ <https://www.gov.uk/government/statistics/uk-local-authority-and-regional-greenhouse-gas-emissions-national-statistics-2005-to-2020>

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.

Direction of travel

The most recent data is from 2020 and a decrease was found in all reported sections compared to 2019 (pre pandemic). This was to be expected given the COVID-19 pandemic and multiple lockdowns reducing travel and building use.

Measures	2020/21 Data	2021/22 Data	Change (%)
Council Specific GHG Emissions			
Council Operations Carbon Emissions (t of CO ₂ e)	13715	11007	Improved 20%*
Why have we included this...?			
We keep track of the Council's operational emissions and publish an annual report on these. It is important to measure the progress in relation to the emissions the council can control and to lead by example.			
Direction of travel			
*The data for 2021/22 does not include academy schools, yet the 2020/21 data does. The removal of academies accounted for 9% of the improvement from our baseline emissions.			

Measures		2020 Data	2021 Data	Change (%)
Air Quality²				
Nitrogen Dioxide (NO ₂) Annual Concentrations (µg/m ³)	Whitefield	19	20	Worsened- 5.26%
	Prestwich	n/a	33	n/a
	Radcliffe	20	22	Worsened - 10%
Particulate Matter (PM ₁₀) Annual Concentrations (µg/m ³)	Whitefield	16	15	Improved- 6.25%
	Prestwich	n/a	17.5	n/a
	Radcliffe	18	17	Improved- 5.56%
Why have we included this...?				

² <https://www.bury.gov.uk/index.aspx?articleid=16540>

NO₂ and PM₁₀ 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

There was an increase in nitrogen dioxide (NO₂) levels between 2020 (during pandemic) and 2021. This was unsurprising given the changes in travel that occurred during the COVID-19 pandemic. A small decrease in particulate matter (PM₁₀) was recorded, and this will be monitored over the coming years to see if this is a sustaining pattern. All measured concentrations were within the national limit values, but we are aware that there we are predicted to have problems meeting national limit values for nitrogen dioxide in some areas of our borough and any level of particulate pollution has the potential to cause negative health impacts. It is therefore vitally important that we move away from reliance upon our cars and choose active travel/public transport as the low carbon, low pollution, healthier modes of travel.

Measures	2019 Data	2020 Data	Change (%)
Borough-wide Energy Consumption³ and Generation⁴			
Domestic Total Consumption (GWh)	286	301	Worsened- 5.24%
Non-Domestic Total Consumption (GWh)	334	290	Improved- 13.17%
Renewable energy: Installed Capacity (MW)	15.3	15.5	Improved- 1.31%
Why have we included this...?			
<p>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.</p>			
Direction of travel			
<p>Domestic energy consumption increased between 2019 and 2020 while non-domestic energy consumption decreased. An unsurprising finding given the move towards working from home during the pandemic. It is positive to note that there was an overall reduction in the total domestic and non-domestic consumption from 620 GWh to 591 GWh It will be interesting to see if these</p>			

³ <https://www.gov.uk/government/statistical-data-sets/regional-and-local-authority-electricity-consumption-statistics>

⁴ <https://www.gov.uk/government/statistics/regional-renewable-statistics>

trajectories are maintained over the coming years, however, these findings greatly emphasise the importance of engaging with residents to encourage people to invest in energy efficient appliances; increase the sustainability of their homes by installing insulation and renewable heat-generation; and reduce electricity consumption where possible.

Measures	Data	Data Year	Data	Data Year	Change (%)
Travel					
Publicly Available Electric Vehicle Charge Points ⁵	17	2021 (Jan)	23	2022 (Jan)	Improved-35.29%
Total Number of Registered Electric Vehicles in Bury ⁶	791	2021 (Q4)	958	2022 (Q3)	Improved-21.1%
Total Number of Privately Registered Cars in Bury ⁷	83,300	2021 (Q3)	83,500	2022 (Q3)	No significant change
Why have we included this...?					
<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>					
Direction of travel					
<p>The number of electric vehicle charge points has slightly increased since 2020 which is good to see, especially given how rapidly electric vehicle usage is increasing within Bury. Reducing the use of cars with internal combustion engines will improve air quality and reduce emissions which are both important goals of the Council.</p>					

⁵ <https://www.gov.uk/government/statistics/electric-vehicle-charging-device-statistics-april-2022>

⁶ <https://www.gov.uk/government/statistical-data-sets/vehicle-licensing-statistics-data-tables> - VEH0132

⁷ <https://www.gov.uk/government/statistical-data-sets/vehicle-licensing-statistics-data-tables> - VEH0105

Measures	2018/19 Data	2019/20 Data	Change (%)
Percentage of Adults Who Go Walking or Cycling (at Least 3x per Week) for any Purpose ⁸	43	43.2	No significant change
<p>Why have we included this...?</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>Direction of travel</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. There was a slight increase in 2019/20 and we imagine this will continue to increase as we install more active travel infrastructure across Bury and people become more confident on Bury's improved roads.</p>			

⁸ <https://www.gov.uk/government/statistical-data-sets/walking-and-cycling-statistics-cw>

Measures	2020/21 Data	2021/22 Data	Change
Waste			
Total Tonnage of Household Waste Collected	65220	61855	Improved - 5% reduction
% of Household Waste Recycled	56.45%	56.33%	No significant change
Municipal waste diverted from landfill	98.3%	98.2%	No significant change
Why have we included this...?			
With this indicator we are looking at our impact on waste and consumption. We are hoping we can move people to buy less, waste less and recycle more.			
Direction of travel			
There has been a significant reduction in the amount of household waste collected, however this could be a result of the pandemic as more people have returned to their workplaces and business, they will have produced less waste at home. As with last year most waste is still diverted from landfill as Greater Manchester sends its waste to an Energy from Waste facility.			

2021/22 Climate Actions

Climate change continues to be discussed widely across local, regional, and national governing bodies. With the UK hosting COP26 in Glasgow in November 2021, the British public have become more engaged in climate change and environmental issues and by the end of 2021, 85% of the British public were concerned about climate change⁹.

Over the past year the UK Government has published its [Net Zero Strategy](#) setting out policies and plans to reach net zero in the UK by 2050. The [Climate Change Committee's progress report](#) for the past year has highlighted the necessity for greater emphasis placed on action to meet the policy ambition. Emissions have gradually been rising as the UK recovers from the COVID-19 pandemic.

At a more regional level, the GMCA have continued to progress its [Five-Year Environment Plan](#), started the implementation of its [retrofitGM](#) scheme to improve domestic energy efficiency with the introduction of the Your Home Better initiative, held its annual Green Summit and is continuing to work with public transport companies to simplify systems, encourage use and improve air quality.





Bury's progress on Climate Action



The table below contains all the actions identified in the first Council Climate Action Plan published in 2021. In the table we are demonstrating where progress has or hasn't been made. Some actions have been struck through to show that we are removing them from the action plan. All these actions have been collated in Appendix 3, including a reason for their removal.





⁹ <https://www.ipsos.com/en-uk/high-levels-concern-about-climate-change-scepticism-whether-britons-will-change-behaviours>



PA1. Energy Supply


Climate actions that Bury Council have focused on include:

No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
E.1	Working with Electricity Northwest Ltd to install future electrical infrastructure	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Worked with ENWL and GMCA to complete our Local Area Energy Plan (LAEP) 	<ul style="list-style-type: none"> Decarbonisation is going to require more reliance on electrical infrastructure as we move away from gas.
E.3	Working with our educational facilities to grow the technical skillset required to deliver renewable heat and energy systems	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> Bury college is represented on the Climate Action Board. The GMCA are developing a Green Skills Strategy 	<ul style="list-style-type: none"> Skilled workers are required to meet the demands on the energy sector to meet our carbon neutrality targets.
E.4	Developing the Go Neutral project to better understand our options around renewable energy generation	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> Considering the use of "Go Neutral" for installation of solar PV on schools. This has included working with GMCA to produce a guidance document for schools. 	<ul style="list-style-type: none"> Generating renewable energy helps to reduce the amount of fossil fuels that are required for our energy needs.
E.5	Delivering local exemplar projects demonstrating	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> Six Town Housing were successful in bidding for the Social Housing 	<ul style="list-style-type: none"> Exemplar projects help to demonstrate new technologies

	renewable heat and energy systems in Six Town Housing properties			Maintained	Decarbonisation Fund (SHDF). As part of this project 100 properties on the Chesham Estate will have solar panels installed in 2022/23.	and encourage their uptake.
E.6	Retrofit Council-owned assets with renewable heat and energy systems.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Progressed the decarbonisation of 7 buildings in 2021. Asset rationalisation process underway to reduce the number of council buildings. We will then establish the condition of buildings the council will keep and understand what measure are needed to decarbonise them. 	<ul style="list-style-type: none"> Reduces the amount of energy required to heat and power the Council's buildings.
E.7	Procure the Council's electricity from renewable sources.	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> In 2021 32% of energy used by the council came from renewable sources. This will increase to 40% from 2022/23 under a new electricity contract. A contract sourced from 100% renewables was investigated but increased costs significantly. 	<ul style="list-style-type: none"> Procuring from renewable energy sources reduces demand on fossil fuels and drives investment in solar, wind, and hydro.




E.8	Incorporating considerations around carbon-neutrality into Council decision-making processes	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> All Cabinet Reports now require the author to consider the Carbon Impact of the proposal. 	<ul style="list-style-type: none"> Making carbon impact a part of every Council decision helps to ensure the Council is reducing its emissions in everything it does.
E.9	Produce an annual greenhouse gas (GHG) report on emissions relating to Council operations.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> 2021/22 has been published on the Council's website. 	<ul style="list-style-type: none"> Tracks the Council's GHG emissions showcasing where more work is needed to reduce Council related emissions.
E.10	Setting measurable indicators to monitor progress towards our 2038 carbon-neutral target	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> The Climate Action Plan sets out KPI's related to Climate Action. 	<ul style="list-style-type: none"> Measurable indicators will enable the Council to be able to focus its efforts and monitor its performance against our 2038 carbon-neutral target.
E.11	Aligning all Council plans and policies with our 2038 carbon-neutral target	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Climate Change needs to be a consideration in everything the Council does.


<p>E.12</p>	<p>Investigate the feasibility of renewable energy systems (hydro, solar, wind) generation.</p>	<p>Early Stages</p>	<p>Early Stages</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • Awaiting the rationalisation of the Council's estate to understand what buildings we will keep, then we can explore options to participate with the GMCA's Go Neutral project. • In early stages of working with GMCA to look at possible options for wind and hydro power 	<ul style="list-style-type: none"> • Generating renewable energy locally reduces transmission loss across the network and utilises our local natural resources.
<p>E.13</p>	<p>Work with our business community to increase the number of service providers that can deliver new renewable heat and energy systems.</p>	<p>Early Stages</p>	<p>Early Stages</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • Liaising with the Growth Company to provide support to businesses. • A scheme called Bee Net Zero has been launched to engage with business on tackling carbon emissions. • GMCA project - "Your Home Better" will stimulate local low/zero carbon markets 	<ul style="list-style-type: none"> • More service providers are required to ensure we can future-proof demand.


<p>E.14</p>	<p>Work with local communities to provide more information on options available relating to renewable heat and energy systems.</p>	<p>Early Stages</p>	<p>Early Stages</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • GMCA developed a “Retrofit Taskforce” to help communities to switch to renewable heat • “Your Home Better” service launched for the ‘able to pay’ market • 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. 	<ul style="list-style-type: none"> • To reach carbon neutrality every property in the borough needs to be retrofitted and decarbonise.
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PA2. Homes, Workplaces & Public Buildings



Climate actions that Bury Council are focusing on include:



No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
B.1	Developing across Greater Manchester innovative ways of financing and delivering domestic retrofitting	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Your Home Better have an arrangement with Manchester Credit Union to help finance retrofitting measures. GMCA has entered into a partnership with the Green Finance Institute to consider options such as community bonds. 	<ul style="list-style-type: none"> Need to address barriers to retrofitting to support residents to reduce the energy demand of their homes.
B.2	Promoting the financial benefits of energy-efficient domestic retrofitting to increase buyer demand	Not yet Started	Early Stages	 Progressed	<ul style="list-style-type: none"> Your Home Better have produced a communication campaign to promote their services. 	<ul style="list-style-type: none"> Need to address barriers to retrofitting to support residents to reduce the energy demand of their homes.
B.3	Developing incentives that will encourage private landlords to retrofit their properties with low carbon heat	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Working with GMCA we have promoted schemes such as the Green Homes Grant, which helps landlords to make their properties more efficient. 	<ul style="list-style-type: none"> Need to encourage and incentivise landlords to introduce renewable heat and energy systems on their properties.



	and renewable energy systems				<ul style="list-style-type: none"> Greater Manchester have introduced a Good Landlords Scheme, which will provide additional enforcement capacity. 	
B.4	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.	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Following public consultation in Summer/Autumn 2021, the Places for Everyone Joint Plan was submitted to government for independent examination in February 2022. The submitted plan includes a draft policy requirement for new development to be net zero carbon by 2038, in order to progress toward the Greater Manchester Target of carbon neutrality by 2038 in Policy JP-S2 Carbon and Energy. The plan also includes draft policies which cover sustainable drainage systems and 	<ul style="list-style-type: none"> New developments need to be carbon neutral to ensure focus on older developments that need retrofitting.


					<p>electric vehicle charging infrastructure.</p> <ul style="list-style-type: none"> • Work on the plan to continue through to 2023. • GMCA have created a Truly Affordable 	
B.5	Explore utilising a nationally recognised carbon-neutral housing standard such as Passivhaus	Not yet Started	Early Stages	 Progressed	<ul style="list-style-type: none"> • There are a number of potential standards available for carbon neutral developments and retrofits and further discussions are required nationally and across GM. • The same outcome should be achieved under PFE and local plans and therefore it doesn't seem appropriate for the council to choose one standard over others. • The UK Green Building Council is providing leadership in this area and producing advice and guidance to support housing developers. 	<ul style="list-style-type: none"> • Building to a carbon neutral standard would mean achieving the very best in efficiency and reducing energy requirements.


<p>B.6</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"> Established a Joint Commissioning Partnership with Registered Providers across the borough to ensure carbon neutrality is front and centre of new Council homes. Working in partnership with GMCA and GM housing providers to deliver SHDF retrofit projects and sharing knowledge. 	<ul style="list-style-type: none"> To reach carbon neutrality every property in the borough needs to have good levels of fabric efficiency and to decarbonise.
<p>B.8</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>Complete</p>	 <p>Progressed</p>	<ul style="list-style-type: none"> A GM-wide stock survey on behalf of the GMCA has been completed Six Town Housing have completed a stock survey on Bury Council housing. 	<ul style="list-style-type: none"> Different areas require different energy systems and data is required to influence decision-making.
<p>B.9</p>	<p>Upgrading Local Authority housing stock to carbon-neutral standard as part of pilot schemes</p>	<p>Early Stages</p>	<p>Ongoing</p>	 <p>Progressed</p>	<ul style="list-style-type: none"> Successful bid to the Social Housing Decarbonisation Fund (SHDF), which will enable progress on the decarbonisation of 100 Six Town Homes. £993k grant secured to deliver fabric first retrofit works on the Chesham Estate 	<ul style="list-style-type: none"> To reach carbon neutrality every property in the borough needs to be retrofitted and decarbonised.

					<ul style="list-style-type: none"> • Furthermore, ambitious bid to be made for the Next Wave of SHDF grant funding to deliver another 250+ fabric first retrofit homes on the Chesham Estate 	
B.10	Improving the carbon literacy of our residents, businesses, and council employees	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> • Climate Change e-learning course introduced for Bury Council employees in August 2022. By the end of February 2023 746 employees had completed the course. • Electricity Northwest Ltd (ENWL) offering Carbon Literacy to community groups • One of the community Climate Action Fund winners, the Asian Development Association of Bury (ADAB) has been delivering climate awareness training to residents in Bury. 	<ul style="list-style-type: none"> • Raising awareness of Climate Change helps to educate people on how they can make decisions to reduce their emissions.
B.11	Collaborating with and encouraging all relevant	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> • Climate Action Board established which includes a variety of 	<ul style="list-style-type: none"> • All organisations, groups, and businesses in Bury

	partners to move towards carbon-neutrality				stakeholders from across Bury. Internal meetings established to encourage Council departments to incorporate sustainability.	need to assess their building stock in order to achieve carbon neutrality.
B.12	Developing a Scheme Delivery Framework so that when funding opportunities arise, we can be bid-ready in a timely manner	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> Procurement of retrofit supply chain through Procure Plus to deliver the SHDF projects. Retrofit staff and Installers procured through procurement frameworks. 	<ul style="list-style-type: none"> All organisations, groups, and businesses in Bury need to assess their building stock to achieve carbon neutrality.
B.13	Design and implement a planned programme to energy audit and decarbonise all Bury Council's corporate buildings and local schools	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> Asset rationalisation process underway to reduce the number of council buildings and establish the condition of buildings that will remain council assets. Work ongoing with schools to assist in decarbonisation, The Council is working with the GMCA to produce Heat Decarbonisation Plan feasibility studies and 	<ul style="list-style-type: none"> All Bury Council's buildings need to be decarbonised and have energy efficiency improved to reduce demands.



					has completed 2 on local primary schools.	
B.14	Working with Six Town Housing to implement Greater Manchester's Landlords Combined Climate Strategy	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All organisations, groups, and businesses in Bury need to assess their building and housing stock to achieve carbon neutrality.
B.15	Developing a plan to bring all currently built public and privately rented housing into carbon-neutrality by 2038 and SAP C rating by 2025	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> 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 Published our Local Area Energy Plan (LAEP), which aims to define the extent of the transformation needed across Bury and provide a robust evidence base and plan to help engage businesses and citizens in accelerating towards our carbon neutral goal. The Council has an officer enforcing the Minimum Energy 	<ul style="list-style-type: none"> Increasing the SAP rating means the building is more energy/thermally efficiency and therefore requires less energy.



					<p>Efficiency Standards (MEES), which requires landlords to provide properties that have a minimum and Energy Performance Certificate (EPC) of an E. The officer is working with landlords to support them to improve their properties energy efficiency and will adopt enforcement as a last resort.</p>	
B.16	<p>Working with our business community to develop a robust network of service providers that can deliver energy-efficiency upgrades</p>	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> • The Council's business team works with the Business Growth Hub and Green Growth Hub to identify and collate providers that deliver these services. • Held a green business event in the summer where local businesses were exposed to companies delivering renewable heat and energy systems. • Your Home Better initiative works with local providers. 	<ul style="list-style-type: none"> • A network of energy efficiency specialist providers is required in order to meet the demand that is required to reach carbon neutrality.




<p>B.17</p>	<p>Providing more information to residents regarding energy efficiency, grants and schemes as they become available and planned Council initiatives</p>	<p>Discussion Stage</p>	<p>Early Stages</p>	<p> Progressed</p>	<ul style="list-style-type: none"> • Information available to residents but more work needed on communications. • Advertising on our website the Octopus Boiler Upgrade Scheme and ECO4 flex scheme. • A direct mailout regarding the Octopus Scheme will be targeted at 2038 households in Bury through 2023. 	<ul style="list-style-type: none"> • Residents need to be encouraged to improve the efficiency of their homes.
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PA3. Travel



Climate actions that Bury Council are focusing on include:



No.	Action	2020/21 Position	21/22 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"> 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. 	<ul style="list-style-type: none"> Multi-modal options make it easier to people to adopt low carbon travel.
T.2	Using the licensing regime to require all taxis and private hire vehicles to be electric by 2029	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> The Council adopted stage 2 of the Minimum Licensing Standards on the 24 November 2021. This requires licensed 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"> For all new to licence vehicles – with immediate effect 	<ul style="list-style-type: none"> Taxis do a proportionately large number of journeys. Reducing the emissions from these vehicles can have a significant reduction in carbon emissions and improvement in air quality.



					<ul style="list-style-type: none"> ○ For existing fleets – to begin transitioning as soon as the policy is in place and to complete transitioning by 1 April 2024* ○ To note the strong ambition to move existing fleets to Zero Emission as soon as possible 	
T.3	Ensuring all buses become Ultra Low Emission Vehicles (ULEVs)	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> • The Council is working with TfGM to support the move to ULEV buses. • Greater Manchester secured £35.73 million to introduce 170 green buses to the region. 	<ul style="list-style-type: none"> • Buses are large vehicles that produce a lot of emissions. Upgrading them to ULEVs will significantly reduce carbon emissions and improve air quality.
T.4	Where feasible, giving priority to public transport over other motor traffic to promote	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> • The Council have commissioned WSP to produce a boroughwide transport strategy, which will include ways to 	<ul style="list-style-type: none"> • Multi-modal options make it easier to people to adopt low carbon travel.




	sustainable orbital inter-town travel				prioritise low carbon travel. The strategy is due to be published in 2023.	
T.5	Providing more flexible and affordable payment and ticketing options	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Helping to incentivise people to take public transport and other modal means of low carbon travel.
T.6	Replacing Bury's Bus Rail interchange to provide a modern and user-friendly facility	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> Early discussions regarding the incorporation of our carbon neutral goals into the design of the new interchange 	<ul style="list-style-type: none"> Helping to incentivise people to take public transport and other modal means of low carbon travel.
T.7	Implementing the GM Clean Air Plan and associated Clean Air Zone (CAZ)	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Tackling Air Quality will also help to reduce carbon emissions by encouraging active travel, public transport and the adoption of zero emission vehicles.




					<p>Government regarding some more work that is needed to finalise proposals</p> <ul style="list-style-type: none"> • Participatory engagement approach delivered via early stakeholder engagement 	
T.8	Developing a plan to reduce freight emissions and support a modal shift toward increased efficiency and alternative fuels for HGVs	Discussion Stage	Discussion Stage	 <p>Maintained</p>	<ul style="list-style-type: none"> • The Council has trialled Hydrotreated Vegetable Oil (HVO) fuel as an alternative for refuse collection vehicles (RCVs), however costs are currently prohibitive. • Clean air financial support scheme used to upgrade HGVs to low emission vehicles. 	<ul style="list-style-type: none"> • Freight vehicles are large and therefore produce a lot of emissions. Reducing the emissions of these vehicles will significantly lower carbon emissions from travel overall.
T.9	Promoting the implementation of the GM wide bike-sharing programme which will include e-bikes	Early Stages	Early Stages	 <p>Maintained</p>	<ul style="list-style-type: none"> • The Bee Bikes network is currently in Manchester Centre, Salford and Trafford. • The Council is pushing for inclusion of e-bikes in Bury as soon as possible. • Although not part of the GM scheme, bike 	<ul style="list-style-type: none"> • Multi-modal options make it easier for people to adopt low carbon travel.

					libraries have been introduced into Radcliffe, Bury Centre and Clarence Park. These offer the opportunity to borrow a bike for free for a period of time.	
T.10	Aiming to reduce associated emissions from aviation at Manchester Airport	Not started	Early Stages	 Progressed	<ul style="list-style-type: none"> Manchester Airport has unveiled plans to become the first UK airport with a direct supply of low carbon hydrogen fuel. 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. 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. 	<ul style="list-style-type: none"> Aviation produces a significant amount of carbon emissions. This will have to be reduced to tackle runaway climate change.
T.11	Developing and promoting active	Early Stages	Early Stages		<ul style="list-style-type: none"> Trial Low Traffic Neighbourhood (LTN) 	<ul style="list-style-type: none"> Road vehicles are one of our biggest sources of

	travel and the 15-minute neighbourhood concept as part of the proposed neighbourhood and town-centre regeneration schemes to create thriving and sustainable spaces			Maintained	<p>implemented at Garside Hey.</p> <ul style="list-style-type: none"> • More LTNs planned at Fishpool, and Pimhole. • The Council have commissioned WSP to produce a boroughwide transport strategy, which will include ways to include LTNs. The strategy is due to be published in 2023. • Discussions re town centre regeneration schemes to ensure that our carbon neutral targets are fully integrated into the plans and proposals. 	emissions. Need to encourage people to use low carbon transport.
T.12	Developing exemplar projects where priority is given to cyclists and pedestrians rather than to motor vehicles	Ongoing	Ongoing	 <p>Maintained</p>	<ul style="list-style-type: none"> • Trial LTN implemented at Garside Hey. • More LTNs planned at Fishpool, and Pimhole. • Cyclops junction installed at Angouleme way. 	<ul style="list-style-type: none"> • Road vehicles are one of our biggest sources of emissions. Need to encourage people to use low carbon transport.
T.13	Improve walking and cycling infrastructure and provide routes for people to feel safer whilst	Early Stages	Early Stages	 <p>Maintained</p>	<ul style="list-style-type: none"> • 6 Mayor Challenge Fund (MCF) active travel schemes are due to be completed in 2023, such as Bury, 	<ul style="list-style-type: none"> • Reduction in cars on the road/emissions associated with cars required.

	walking and cycling.				Radcliffe and Ramsbottom town centres are to benefit from City Region Sustainable Transport Settlement (CRSTS) funded 'Streets for All' work in 2022-27.	
T.14	Developing an e-car club across Bury	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Pilot scheme implemented in Prestwich and Bury Town Centre in partnership with Enterprise and TfGM. Expanded Car Club offer being considered alongside TfGM in 2023. 	<ul style="list-style-type: none"> Moving towards car sharing instead of car ownership reduces cars on the road.
T.15	Grow the electric vehicle charging infrastructure (EVCI) enabling wider rollout of electric vehicles.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> Procurement exercise underway, following Cabinet approval, to appoint a supplier to install EVCI under a concessionary agreement. 3 locations in Bury identified for the installation of Taxi Rapid Charge Hubs. This infrastructure is due to be installed in Spring by TfGM. 	<ul style="list-style-type: none"> Electric vehicles are a more sustainable option to traditional Internal Combustion Engine (ICE) cars. Producing less carbon emissions and less air pollution.



T.16	Decarbonising the council fleet	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> • Since January Bury Council have ordered 94 vehicles. Of these, 13 are electric vans and the remaining vehicles will have diesel Euro 6 engines. The new Euro 6 engines will result in a 14.8% reduction in the carbon emissions from the heavy good vehicles in our fleet • The Council has also run a trial of HVO (hydrotreated vegetable oil) fuel and found it to perform the same as diesel. HVO is reported to have reduced carbon emissions compared to diesel. Unfortunately, it is not financially viable for the Council to use this fuel at this time. 	<ul style="list-style-type: none"> • Reduction in vehicles on the road/emissions associated with vehicles required.
T.17	Encourage home working, where possible and reduce road travel.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> • Council have adopted an agile working policy. 	<ul style="list-style-type: none"> • Reduction in cars on the road/emissions associated with cars required.
T.18	Working with schools to increase active travel and reduce	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> • Chesham Primary and Guardian Angels RC Primary have moved into the consultation 	<ul style="list-style-type: none"> • Younger people are most vulnerable to pollution, therefore less road vehicles




	travel-associated carbon emissions				phase for installing school streets	reduces the potential health impacts.
T.19	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"> The NHS are represented on our Climate Action Board. More progress is required on shared messages about the health-related issues of Climate Change. Northwest Public Health and Sustainability Collaborative established with Bury representation 	<ul style="list-style-type: none"> Pollution associated the air pollution as well as health benefits of active travel need to be communicated to encourage action.
T.20	Work with businesses to encourage more sustainable travel.	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> The Council's provides advice to business on sustainable travel. Including referral to TfGM to access support. The Growth Company's Bee Net Zero scheme offers advice on sustainable travel. 	<ul style="list-style-type: none"> All businesses and organisations across the borough need to get involved to reduce emissions associated with cars.
T.21	Reduce Council staff and Councillor use of cars and reduce	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> We are reviewing our approach to mileage for council staff. 	<ul style="list-style-type: none"> Reduction in cars on the road/emissions associated with cars required.



	travel where possible				<ul style="list-style-type: none"> • Corporate membership to the Enterprise Car Club has been secured to allow elected members and Council staff to use the vehicles for work related trips. • Agile working introduced and virtual meetings now standard. 	
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PA4. Consumption & Waste



Climate actions that Bury Council are focusing on include:



No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
C.1	Increasing the life of products by facilitating more outlets for servicing and repair	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> 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. There are 3 reuse shops in Greater Manchester, which sell these items. An eBay shop is also in place. 	<ul style="list-style-type: none"> Increasing the life of products helps to prevent new raw materials being extracted and processed as well as reducing waste.
C.2	Increasing recycling rates with a wider range of materials collected for recycling	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> There is a campaign in place for the next 2 years to increase the amount of waste collected for recycling A small Waste Electrical and Electronic Equipment (WEEE) amnesty trial was held 	<ul style="list-style-type: none"> Need to move towards a more circular economy where fewer things are thrown away to reduce energy requirements.


					in October 2022 where small WEEE was collected from households during their normal recycling collection.	
C.3	Reduce food and garden waste going for disposal.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> We are encouraging people to waste less food (Love Food Hate Waste campaign) and adopt home composting. In partnership with Recycle for Greater Manchester we are looking to increase the percentage of unavoidable food and garden waste that is recycled. 	<ul style="list-style-type: none"> Reduce waste to reduce energy requirements and use of resources.
C.4	Eliminate single use plastic within Council operations where feasible.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> Working with GMCA to address single use plastics in Council operations. 	<ul style="list-style-type: none"> Reduce waste to reduce energy requirements and use of resources.
C.5	Increasing the number of sustainable businesses in Bury	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> The Council's Business Team works with the Green Growth Hub to support sustainable businesses in Bury. 	<ul style="list-style-type: none"> Industry produces a lot of GHG emissions. Moving to sustainable businesses will

					<ul style="list-style-type: none"> • 68 Green Tech companies engaged within Bury.10 have signed up to the Green Economy Marketplace, which is a procurement portal for green tech companies https://greeneconomy.co.uk/marketplace • 7 Bury Companies that have achieved Carbon savings projects with a total carbon saving of 171t CO2e 	<p>reduce these emissions.</p> <ul style="list-style-type: none"> • More sustainable businesses will make it easier for everyone to be more sustainable.
C.6	Working with local businesses to improve waste reduction	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> • Commercial Waste Officer recruited in January 2022 to work with local businesses to promote and encourage waste reduction and recycling. 	<ul style="list-style-type: none"> • Reduce waste to reduce energy requirements.
C.7	Tackling the issue of fly tipping within our local communities	Discussion Stage	Ongoing	 Progressed	<ul style="list-style-type: none"> • Two dedicated fly tipping Officers hired to tackle the issue. Since introduced in July 2021 the team have (up to October 2022) issued: <ul style="list-style-type: none"> ○ 43 fly tipping Fixed Penalty Notices (FPNs) ○ 30 littering FPNs 	<ul style="list-style-type: none"> • Encourage more sustainable methods of disposal to create safer and healthier environments.

					<ul style="list-style-type: none"> ○ 2 commercial duty of car FPNs ○ Introduced FPNs for householders' duty of care ○ 6 successful prosecutions. ● Trained up volunteer groups to gather evidence to support fly tipping prosecutions. 	
C.8	Incorporating sustainability into our procurement strategy.	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> ● 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 businesses. ● The Council is in the early stages of reviewing its procurement strategy. 	<ul style="list-style-type: none"> ● Council procurement should encourage local production to shorten geographical distances required.
C.9	Utilise local producers within Council procurement decisions.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> ● The Council has a Social Value Policy. This requires commissioners and procurers to include social value considerations when we 	<ul style="list-style-type: none"> ● Local producers have lower transport miles which requires less energy.




					procure. Part of this includes supporting local producers	
C.10	Improve awareness of zero-waste choices within our local communities.	Discussion Stage	Ongoing	 Progressed	<ul style="list-style-type: none"> In partnership with GMCA we are promoting the Reuse hubs across Greater Manchester. 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. Website promotes reuse when bulky waste collections are ordered. Ramsbottom has been awarded plastic free status and Prestwich is currently working towards it. 	<ul style="list-style-type: none"> Reduce waste to reduce energy requirements.
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"> As part of priority 4 of the GM Sustainable, Consumption and Production (SCP) Plan a community climate change impact awareness course is in 	<ul style="list-style-type: none"> Reusing items rather than wasting them reduces energy consumption.




					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 developed with stakeholders to promote the benefits of moving to a sustainable lifestyle.	
C.12	Promoting local businesses that are demonstrating good environmental practices	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> The Council works with the Growth Company to provide case studies of good environmental practice Promotion of the Healthy Catering Award within businesses. 	<ul style="list-style-type: none"> Reduce waste to reduce energy requirements.
C.13	Working with local schools to reduce waste	Discussion Stage	Ongoing	 Progressed	<ul style="list-style-type: none"> Recycle for GM has an Education and Learning offer to educate and engage with students on waste and recycling. Plans to promote recycling and provide 	<ul style="list-style-type: none"> Reduce waste to reduce energy requirements.




					education support across schools in Bury.	
C.14	Carrying out research into the role of consumption related emissions and establishing priorities to reduce these	Discussion Stage	Ongoing	 Progressed	<ul style="list-style-type: none"> Work at the Greater Manchester level to look at how the 10 local authorities tackle their scope 3 emissions. 	<ul style="list-style-type: none"> 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.



PA5: Food


Climate action across Bury in 2021/22 included:

No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
F.1	Promoting a plant rich diet which will reduce overall meat and dairy consumption	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> The Bury Food Strategy and the Bury Good Food Charter have identified this as a key aim and incorporate where possible within messaging e.g. More Veg, better meat. 	<ul style="list-style-type: none"> The meat and dairy industry are responsible for significant amounts of Carbon emissions.
F.2	Promoting diets with lower-energy intensity e.g., buying local produce and seasonal goods or buying from more sustainable farms	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> Bury Food Strategy and the Bury Food Charter identify this as a key aim to work towards. The Bury Catering Service achieved the prestigious Food for Life Served Here award (Dec 2022). 	<ul style="list-style-type: none"> Buying locally and seasonally helps to reduce carbon emissions and helps to prevent food waste.
F.3	Increase awareness of food sustainability by working with local businesses.	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Bury joined the Sustainable Food places network in 2021 and in 2022 won the Sustainable Food Places bronze award. 	<ul style="list-style-type: none"> Local businesses need to be aware and engaged with these goals as well as residents and corporations.

					<ul style="list-style-type: none"> The Bury Food Strategy, the Bury Good Food Charter and the Bury Catering Award identify this as a key aim to work towards. 	
F.4	Improve our community's knowledge of healthy/sustainable food and alternative diets.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Part of the Bury Good Food Charter and promoted via the Bury Food Partnership e.g., Bury Adult Learning Service cooking courses in the community, and wider public facing events such as cooking demos at Bury Market. 	<ul style="list-style-type: none"> Alternatives diets and sustainable food can reduce energy required from things such as meat, food imports and out of season food production.
F.5	Make refilling water bottles as easy as possible across the borough, reducing single-use plastic.	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Over 50 sites across Bury offer water refill stations according to Refill.org More work required in the Radcliffe area. 	<ul style="list-style-type: none"> Tap water requires less energy to produce and transport compared to bottled water. Reduces the use of single use plastic.
F.6	Enabling new local "Grow your own" projects	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Several Incredible Edible sites established across Bury. New community orchards have been established. Several environmental groups are developing 	<ul style="list-style-type: none"> Growing food locally reduces associated food miles and encourages greater awareness of food availability.




					“grow your own” projects. Some of these have been supported by the Community Climate Action Fund.	
F.7	Providing more allotments to grow local food	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> • New food growing schemes have recently commenced and community orchards have been established. • Corporate rationalisation currently ongoing assessing land and assets. 	<ul style="list-style-type: none"> • Reducing food miles, reduces energy required to transport.
F.8	Reduce food miles by supporting local independent food outlets.	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> • Bury Food Charter established encouraging action. • Bury Catering Award incorporates calls to reduce food miles. 	<ul style="list-style-type: none"> • Reducing food miles, reduces energy required to transport.
F.9	Implementing a sustainable procurement catering plan across the Council	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> • The catering team are in discussions to progress the procurement of local and sustainable food, through the YPO framework. • The Council’s catering team are reviewing their product shopping list to ensure they meet the Food for Life 	<ul style="list-style-type: none"> • Using YPO will ensure that local suppliers are used at the best value to the Council. • The YPO framework also has local, smaller suppliers which will reduce the impact on carbon.




					<p>accreditation, which supports sustainable local food purchases.</p> <ul style="list-style-type: none"> Working towards the Green Kitchen Standard: https://www.foodforlife.org.uk/catering/green-kitchen-standard 	
F.10	Working with schools to increase awareness of food sources and sustainability	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Alternatives diets and sustainable food can reduce energy required from things such as meat, food imports and out of season food production.
F.11	Work with established food bank/pantry networks to reduce food waste.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Ongoing work with the Bury Community Support Network regarding strengthening sector relationships, and methods of sourcing/redistributing food e.g., FareShare, Neighbourly and the B.C.S.N WhatsApp group 	<ul style="list-style-type: none"> Food waste needs to be reduced/redistributed to reduce associated required energy.



					<ul style="list-style-type: none"> 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 https://theburydirectory.co.uk/a-path-to-pantry. 	
F.12	Working with our local agricultural sector to help reduce impacts upon the planet	Not Started	Not Started	 Not Actioned Yet	<ul style="list-style-type: none"> More needs to be done to identify and work with local producers both within Bury and our neighbouring boroughs. 	<ul style="list-style-type: none"> Agricultural emissions are sizable, and we need to work with local producers to encourage action where possible.



PA6: Natural Environment


Climate action across Bury in 2021/22 included:





No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
N.1	Having bid-ready projects relating to urban-greening initiatives	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> As town-centre strategies are redeveloped, new projects are likely to be identified GMCA have released the GM Green Spaces fund. 12 Bury Organisations applied for the first round and 2 were successful. 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better connected with nature.
N.2	Reducing water and energy use associated with the green spaces	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> The council is installing water meters, which will help to address water use in different areas. 	<ul style="list-style-type: none"> Water and energy reductions required.
N.3	Doubling tree cover on council owned land	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Work has been done with City of Trees to plant around 26,000 trees across the borough. This includes whips, standards, and community orchards. 	<ul style="list-style-type: none"> Greater biodiversity. Increased natural capture of Carbon Emissions Provide natural cooling.

					<ul style="list-style-type: none"> • More planting has been planned for 2023. The aim is to have as much community involvement as possible 	
N.4	Protect existing trees, hedgerows and peatlands throughout the borough	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> • Important trees are protected with Tree Protection Orders. • Hedges have protection via Hedgerow Regulations. • Peatland restoration at Holcombe has been undertaken by Moors for the Future and National Trust. 	<ul style="list-style-type: none"> • Protecting sources of natural carbon capture, reduces carbon emissions. • These natural assets provide habitat and help to maintain biodiversity
N.5	Producing a Green and Blue Infrastructure (GBI) Strategy that will demonstrate how we will protect, enhance, and develop our existing natural environment and greenspace	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> • A review has begun of Bury's Greenspace Strategy. • GBI will be covered by policies in the Borough Local Plan. • The GMCA is carrying out a Local Nature Recovery Strategy pilot and aim to publish later in 2023. 	<ul style="list-style-type: none"> • Local green spaces encourage healthier lives better connected with nature.
N.6	Enhance natural capital by	Early Stages	Ongoing		<ul style="list-style-type: none"> • GMCA have released the GM Green Spaces 	<ul style="list-style-type: none"> • Local green spaces encourage healthier

	protecting and expanding our green spaces.			Progressed	<p>fund. 2 Bury Organisations have been successful and awarded funding.</p> <ul style="list-style-type: none"> Lancashire Wildlife Trust has hired a permanent officer to head the volunteer days and management of the projects. A new officer on the countryside teams has been hired to assist volunteers with managing green spaces 	lives better connected with nature.
N.7	Maintain our Green Flag parks	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> 12 Green Flag parks currently being maintained, and improvements are being actioned where required. 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better connected with nature.
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"> Incredible Edible have introduced beehives to Philips Park 	<ul style="list-style-type: none"> Beekeeping encourages biodiversity across our green spaces.

<p>N.8</p>	<p>Encouraging local communities to further connect with our natural environments</p>	<p>Ongoing</p>	<p>Ongoing</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • Ongoing engagement between the Parks team and local communities. • A new officer on the countryside teams has been hired to assist volunteers with managing green spaces • City of Trees projects are on-going across Bury as well as other local action groups championing action and engagement. • Organisations now offer Green Social Prescribing such as Lancashire Wildlife Trust in Philips Park. • GMCA have released the GM Green Spaces fund. 2 Bury Organisations have been successful and awarded funding in phase 1. 	<ul style="list-style-type: none"> • Local green spaces encourage healthier lives better connected with nature.
<p>N.9</p>	<p>Managing Council owned land and road verges to increase</p>	<p>Ongoing</p>	<p>Ongoing</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • Work has taken place to reduce grass cutting over the years, and investigation into 	<ul style="list-style-type: none"> • Increasing biodiversity and encouraging nature to flourish is a part




	biodiversity, including pesticide reduction and increased planting of wildflowers				composting green waste is being conducted to reduce the use of herbicide.	of the climate agenda.
N.10	Work via the Places for Everyone Strategy so that new developments incorporate biodiversity net gain.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> • Following public consultation in Summer/Autumn 2021, the Places for Everyone Joint Plan was submitted to government for independent examination in February 2022. • The submitted plan includes a policy requirement for development to achieve a measurable net gain for biodiversity of no less than 10% in line with the GMCA Biodiversity Net Gain Guidance for Greater Manchester (February 2021). 	<ul style="list-style-type: none"> • Sustainability along with biodiversity and nature need to be incorporated into future planning.




					Work on the plan to continue through to 2023.	
N.11	Engaging with the public more around local decisions relating to green spaces	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> City of Trees projects are on-going across Bury as well as other local action groups championing action and engagement. 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better connected with nature.
N.11	Investigating the potential of rewilding and how best to incorporate	Not started	Not started	 Not Actioned Yet	<ul style="list-style-type: none"> Currently not feasible on most of Council assets. Further investigation required on how private landowners can be supported to rewild. 	<ul style="list-style-type: none"> Increasing biodiversity and encouraging nature to flourish is a part of the climate agenda.
N.12	Working with schools to better use green spaces to promote biodiversity	Not started	Early Stages	 Progressed	<ul style="list-style-type: none"> The Council supports City of Trees who works with schools to educate on better uses of green spaces. Whitefield Environmental Forum is working specifically with schools to increase tree cover as a result of receiving Community Climate Action Funding. 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better connected with nature.
N.13	Investigating how best to promote and improve our blue infrastructure	Not started	Discussion Stage	 Progressed	<ul style="list-style-type: none"> Water safety is being covered and an action plan is being produced. Actions already taking 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better





					<p>place include canoeing at Burrs, and partnership with the Irwell Catchment.</p> <ul style="list-style-type: none"> • LIDO improvements collaborating with anglers to address issues with blue/green algae. 	<p>connected with nature.</p>
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PA7. Green Economy, Skills & Education

Climate actions that Bury Council are focusing on include:

No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
S.1	Supporting and promoting the Green Growth Company to support local businesses to decarbonise	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> The Council's business team has close connection to the Growth Company to support businesses to decarbonise. Bury Means Green Business breakfast event held on the 16th June 2022. 	<ul style="list-style-type: none"> Industry produces a lot of GHG emissions and therefore businesses require support to decarbonise their operations.
S.2	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"> The GMCA are developing a Green Skills Strategy 	<ul style="list-style-type: none"> To be able to carry out the necessary things to reduce our carbon footprint we need to have a skilled labour force in place ready to complete this work.
S.3	Working closely with universities and local industry	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> In 2022 the Energy Innovation Agency (EIA) was established. The EIA partners with 	<ul style="list-style-type: none"> Current practices and technology can only take us so far to carbon neutrality, we



	to promote innovation				GMCA, industry and universities to explore innovative ways of reducing carbon.	will need to innovate too.
S.4	Further exploring collaborative actions with the public sector such as the NHS, Fire and Police to reduce carbon emissions through commissioning and procurement	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> The Climate Action Board has been established, which brings these organisations together. 	<ul style="list-style-type: none"> Economies of scale can be realised by working together on this agenda.
S.5	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"> Many of the initiatives already mentioned in this plan will help to stimulate demand, such as: <ul style="list-style-type: none"> Your Homes Better Social housing decarbonisation fund (SHDF) Work on decarbonising the Council Estate 	<ul style="list-style-type: none"> Stimulating demand will help give businesses the confidence to invest and grow in this area.
S.6	Promoting the decarbonisation	Not started	Discussion Stage		<ul style="list-style-type: none"> Early discussions with the rest of the GM authorities on this issue. 	<ul style="list-style-type: none"> Divestment from fossil fuels helps to remove support for




	of the Council's pension fund			Progressed		carbon intensive industries.
S.7	Increasing awareness of a circular/sharing economy by working with voluntary, community and social enterprise organisations	Not started	Discussion Stage	 Progressed	<ul style="list-style-type: none"> The Council supported the Big Fandango to create a clothing reuse, repair, and recycle project. 	<ul style="list-style-type: none"> A circular/sharing economy makes the most out of our resources and prevents waste.
S.8	Promoting energy efficiency and carbon neutrality to local businesses	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Growth Company's Bee Net Zero scheme supports businesses. 	<ul style="list-style-type: none"> All businesses, groups and organisations need to assess their operations to reduce energy use where possible.
S.9	Provide guidance and information to local businesses, encouraging the move towards more sustainable operations.	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Liaising with the GM Green Growth Company to provide support to companies. 	<ul style="list-style-type: none"> All businesses, groups and organisations need to assess their operations to reduce energy use where possible.
S.10	Developing pilot projects that showcase energy efficient retrofitting and	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> The work being completed by Six Town Housing using SHDF funding will provide projects that showcase 	<ul style="list-style-type: none"> Pilot projects will help to demonstrate what is possible and encourage new businesses.



	renewable heating systems to grow our low carbon business sector				energy efficient retrofitting using a Bury based business.	
S.11	Divesting Council funds away from fossil fuels and investing in renewable energy projects	Not started	Not started	 Not Actioned Yet	<ul style="list-style-type: none"> Under investigation. 	<ul style="list-style-type: none"> Council budgets and finances need to encourage greater action on carbon reduction by using financial pressure.

PA8. Environmental Justice

Climate actions that Bury Council are focusing on include:

No.	Action	2020/21 Position	21/22 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	Early Stages	 Maintained	<ul style="list-style-type: none"> Bury's Climate team attend the NW Public Health and Sustainability Collaborative which includes public health and local authority partners from across the northwest. Terms of Reference for this group include developing understanding of the health impacts of climate change and sharing best practice in relation to how we address these impacts. 	<ul style="list-style-type: none"> Ensures that we take suitable action to protect our most vulnerable residents from the impacts of a changing climate
J.2	Liaise with partners and neighbourhood structures to improve	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Fuel Poverty Group established with relevant stakeholders 	<ul style="list-style-type: none"> Improving the efficiency of vulnerable peoples' homes will reduce


	identification of fuel poor households.					fuel poverty in the area.
J.3	Developing new partnerships to reach out to more fuel poor residents	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Fuel Poverty Group established with relevant stakeholders 	<ul style="list-style-type: none"> Improving the efficiency of vulnerable peoples' homes will reduce fuel poverty in the area.
J.4	Improve awareness amongst frontline Council Officers', helping them identify signs of fuel poverty and the systems for referring these.	Ongoing	Ongoing	 Maintained	<ul style="list-style-type: none"> As part of the Council's Poverty Strategy a Fuel Poverty Subgroup has been established with relevant stakeholders Training is being offered by National Energy Action Home Improvement Officers and the Staying Well team have been made aware of assistance available. Investigating the introduction of an energy referral form for frontline workers 	<ul style="list-style-type: none"> Improving the efficiency of vulnerable peoples' homes will reduce fuel poverty in the area.
J.5	Targeting energy efficiency schemes to reduce fuel bills of vulnerable	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Winter wellbeing and fuel poverty events attended by Council Officers to promote 	<ul style="list-style-type: none"> Improving the efficiency of vulnerable peoples' homes will reduce



	people or the fuel poor				available energy schemes.	fuel poverty in the area.
J.6	Continuously reviewing and improving how we involve citizens in our existing decision-making processes and ensure that voices of the most vulnerable communities are represented	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> Community Neighbourhoods established to increase collaboration. Improvements to comms and engagement ongoing. Climate Action Bury were awarded Community Climate Action Funding to develop an online climate hub, to increase engagement on climate action. 	<ul style="list-style-type: none"> Enables local communities to get more engaged in climate action work.
J.7	Identify neighbourhoods lacking in green infrastructure, accessible green space and/or biodiversity.	Not started	Early Stages	 Progressed	<ul style="list-style-type: none"> The Council is supporting groups to apply for the Greater Manchester Green Spaces Fund, which is aimed at providing money to increase green spaces. The fund is specifically aimed at areas that are lacking in available green space currently. 2 Bury Organisations have been successful 	<ul style="list-style-type: none"> Local green spaces encourage healthier lives better connected with nature.




					and awarded funding in the first phase of funding.	
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PA9. Climate Resilience & Adaptation




Climate actions that Bury Council are focusing on include:




No.	Action	2020/21 Position	21/22 Progress	Direction of Travel	Details	Impact on Climate Change
R.1	Working with utility providers to better understand our critical infrastructure and how we can protect it against the risks of climate change	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> GMCA are developing a GM wide integrated water management plan with United Utilities and the Environment Agency this year. 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"> Failure of the national electricity transmission network. Regional failure of the electricity network. Failure of gas supply infrastructure. 	<ul style="list-style-type: none"> Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes. Part of this will require protecting our critical infrastructure.

<p>R.2</p>	<p>Continue developing the Strategic Flood Risk Assessment (SFRA) to identify critical gaps and solution</p>	<p>Early Stages</p>	<p>Early Stages</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • A SFRA for the City Region has been prepared by the GMCA 	<ul style="list-style-type: none"> • Flooding is one of the most likely local detrimental effects of Climate change on Bury, therefore we need to anticipate, prevent, and adapt to its effects.
<p>R.3</p>	<p>Gaining a better understanding of extreme weather impacts in Bury</p>	<p>Discussion Stage</p>	<p>Discussion Stage</p>	 <p>Maintained</p>	<ul style="list-style-type: none"> • Emergency flood plans in place. • NW Public Health and Sustainability Collaborative working to understand the potential health implications of extreme weather. • There is a GM risk group in place that has produced plans to respond to climate related extreme weather impacts. • A public facing community risk register is available GM Prepared - Community Risk Register (gmemergencyplanning.org.uk) 	<ul style="list-style-type: none"> • Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.

R.4	Incorporating adaptation within our plans and strategies	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> The Council is addressing what is included in our current emergency plans. Further exploration/discussion needed. There is a GM resilience strategy Greater Manchester Resilience Strategy 2020-2030 (greatermanchester-ca.gov.uk) 	<ul style="list-style-type: none"> Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.
R.5	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	Discussion Stage	 Maintained	<ul style="list-style-type: none"> The Environment Agency has flood risk maps available on their website. 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. 	<ul style="list-style-type: none"> Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes. The changes will affect communities disproportionately and we need to prevent this inequality as much as possible.
R.6	Investigating potential SuDS	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> No net increase in surface water run-off is 	<ul style="list-style-type: none"> SUDS are a way of reducing, or at least

	(sustainable drainage systems) projects to reduce runoff and therefore potential flooding in the borough			Maintained	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.	avoiding increasing the impact of climate change.
R.7	Progressing the building of the Radcliffe and Redvales flood defence scheme that will remove over 800 properties from Flood Risk Zone 3	Early Stages	Complete	 Progressed	<ul style="list-style-type: none"> The scheme is now complete. 	<ul style="list-style-type: none"> 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.
R.8	Educating and preparing our residents, businesses, and public sector partners, encouraging change in behaviours, operations and services that can support	Early Stages	Early Stages	 Maintained	<ul style="list-style-type: none"> Further exploration needed. 	<ul style="list-style-type: none"> Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.

	adaptation and resilience to climate change					
R.9	Ensuring that all council services are adaptable to a changing climate	Early Stages	Early Stages	 Maintained	Business continuity plans in place for all services.	<ul style="list-style-type: none"> Climate change is already happening due to human made greenhouse gas emissions. We need to become resilient and adapt to future changes.
R.10	Keeping up to date with carbon offsetting opportunities and consider the practicality and reliability of using these means to meet our target	Discussion Stage	Discussion Stage	 Maintained	<ul style="list-style-type: none"> This is being explored via the GM environment fund. 	<ul style="list-style-type: none"> It is going to be very difficult for the Council to achieve Carbon Neutrality by 2038 without some form of off-setting.
R.11	Require that any impacts on carbon targets are identified in all formal reports to senior management and cabinet members	Early Stages	Ongoing	 Progressed	<ul style="list-style-type: none"> Introduced a section in all Council formal reports for climate/carbon impacts. Need to educate report authors and monitor the impact of this measure and implement improvements where needed. 	<ul style="list-style-type: none"> To ensure all significant Council decisions are in line with the 2038 carbon neutral target.

R.12	Working with rural landowners in Bury to reduce flood risk further down stream	Not started	Not started	 Maintained	<ul style="list-style-type: none"> • Work hasn't started yet. 	<ul style="list-style-type: none"> • Natural flood management is an effective way to reduce flooding risk and increase biodiversity.
R.13	Working with local action groups to deliver community action and resilience	Discussion Stage	Early Stages	 Progressed	<ul style="list-style-type: none"> • We distributed 100k of community climate action funding to community groups. Many of which are now delivering climate actions which will improve resilience. More information can be found in the community engagement section. 	<ul style="list-style-type: none"> • Local communities can make big improvements to resilience by taking up climate action.
R.14	Where necessary, acknowledging and incorporating carbon offsetting in a timely manner to ensure the 2038 target is reached	Not started	Not started	 Maintained	<ul style="list-style-type: none"> • This has yet to be actively explored 	<ul style="list-style-type: none"> • It is going to be very difficult for the Council to achieve Carbon Neutrality by 2038 without some form of off-setting.

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.

Over the past year, we have launched several new networks and held several events to increase the community's awareness of environmental issues. Environmental Forums are in place in Prestwich and Whitefield and the Council is working with these groups to help set up Environmental Forums in the remaining neighbourhoods.

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.

We recognise that to do this we need to engage with as many people as possible and promote climate action. Below is a list of activities and events we have commenced in the past year to encourage engagement.

Engagement activities during 2021/22 include:

- Awarded the £100,000 [Community Climate Action Fund](#) to 12 community groups.
- Established an Internal Cross-Departmental Climate Meeting with representatives from several departments to raise awareness and increase knowledge sharing and disseminate information.
- Established the Climate Action Board with representatives from local action groups, partnering organisations and local businesses included to increase communication around climate action.
- Started producing an internal monthly climate action newsletter to increase communication and awareness of the climate agenda.
- Increased engagement with young people to capture their voices and held a listening event in November 2021 as well as a [Schools Climate Conference](#) in July 2022. There is also youth representation on the Climate Action Board.
- Held two Bury Means Green Business events to encourage local businesses to become more sustainable.
- Created a carbon literacy training module for Council Officers.
- Participated in the [GM Green Summit](#) in October 2021.
- Worked with EON to promote the Green Homes Grant in local neighbourhoods across Bury.
- Worked with the Bury Food Partnership Board to reach new local groups and embed climate action within the Council's food and nutrition work.

What have Bury's local groups and organisations achieved this year?

There is a lot of action ongoing across Bury around climate action and we are unable to capture and report everything taking place. Below we have included lots of projects and actions that have taken place over 2021/22 and would encourage local groups to get in contact with the Council's Climate Team to flag the work that you are doing so we can also promote it to wider communities.

Local Businesses

- Flora not Fauna, Village Greens, and Plentiful providing zero waste options in Bury Town Centre, Prestwich and Ramsbottom.
- The Growth Company provided environmental support to dozens of Bury's businesses.

Bury's Institutions

- The Met Theatre is implementing a sustainability policy and action plan.
- Bury Market have been awarded £20 million to improve the building, including energy efficiency measures and creating a recycling hub.

Local Schools / Young People

- Bury Youth Cabinet, including its Climate Cabinet have continued to push the environmental agenda and are included in the Climate Action Board.
- Over a dozen schools in Bury are registered eco schools.
- Greenmount Primary School built a uniform swap shop to reduce textile waste.
- Chesham Primary, and Guardian Angels Roman Catholic Primary School have applied to install school streets.

Local Community Groups

- Big Fandango created a clothing reuse, repair, and recycle project.
- The Creative Living Centre are promoting climate awareness and encouraging its users to be more sustainable through active travel and food growing.
- The Enterprise Centre are installing solar panels
- ADAB are promoting awareness of environmental issues across Bury East.
- Bury Climate Action Group in partnership with Small Creative Things have created a digital Bury Climate Hub and will hold in-person creative engagement events across Bury.
- Growing Together Radcliffe brings together many groups including environmental ones such as

Corrie Gardeners and the Manchester Bury Bolton Canal Society to promote environmental issues.

- Friends of Clarence Park have created a green hub in the park with cookery lessons, food growing and general engagement.
- The Sunnywood Project have created an interactive nature trail and “Take Root” project.
- Friends of Chesham Woods are enhancing the ecosystem services in the brooms around the Wood.
- Prestwich Environmental Forum have launched a bid to achieve “Plastic Free” status for the area.
- Adaptations are being made to The Barn in Philips Park to make it more energy efficient and reduce energy demand.
- Lancashire Wildlife Trust are working with volunteers to protect and enhance biodiversity in the park
- Whitefield Environmental Forum are planting trees across the neighbourhood.

Where is more action required?

As we have shown in this document there is already a lot going on across Bury to tackle climate change, but we need to go further, do more, and act more courageously if we are to have any chance of averting a climate disaster.

Specific areas where we need to focus more attention include:

- Local renewable energy generation.
- Domestic retrofitting for energy efficiency and installing low carbon heating.
- Alternative modes of transport including walking, cycling, and public transport.
- Encouraging more sustainable consumption patterns.
- Developing green skills to future-proof for new and upcoming technologies.
- Tree-planting and greater biodiversity.

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 \(gmintegratedcare.org.uk\)](#)
- Six Town Housing are committed to the delivery Bury Council's Climate Action Strategy and Plan

and have developed a bespoke action plan based on the Greater Manchester Landlords Climate Change Strategy.

Conclusion

This is the first annual update of the Bury Climate Action plan, and progress has been made in some critical areas probably most importantly total boroughwide carbon emissions have reduced as demonstrated in the Key Performance Indicators.

The caveat to this is that the data is from a time that was influenced by a global pandemic, which significantly affected how we lived our lives. Therefore, it is difficult to make any strong conclusions about these results and we will have to wait to see if these improvements are sustained in future reports.

Bury is in the preliminary stages of its climate action journey and therefore progress is naturally slow. However, there have been some real areas to celebrate, in particular the 12 groups who won the Community Climate Action funding. This funding has been used to conduct a range of varied and effective climate projects, helping to provide a base for climate action in our communities. We need to build on this start to continue to support and increase action in our neighbourhoods.

We established The Climate Action Board, which provides a governance structure for our climate action and ensures that we are taking a partnership approach. This will help us to increase the impact and move us

closer to achieving our boroughwide carbon neutral target.

Using Public Sector Decarbonisation Scheme funding we have made a start in improving the energy efficiency of our buildings including increasing renewable generation and we will be introducing our first electric vehicles into our fleet.

The Council's Climate Change e-learning has been introduced and been made mandatory for all staff, which aims to increase understanding and engagement and we have included climate impacts into cabinet reports, to require the impacts on carbon emissions to be considered.

Our partners are making progress too, which gives us the opportunity for working together to achieve our carbon neutral target.

Despite this ongoing work and progress, we need to be honest and realistic about the amount of change that still needs to happen. We are nowhere near where we need to be to achieve carbon neutrality by 2038. We still live in a world, country and borough that is dependent on fossil fuels. The longer it takes for us to dramatically reduce our carbon emissions the more we contribute to the increasing temperature of the world and the associated damage this will cause.

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’.
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](#)
- [Ofgem – Domestic Renewable Heat Incentive](#)
- [Carbon Trust - Renewable Energy Guide](#)
- [Centre for Sustainable Energy – Renewable Energy](#)
- [Home Building – Renewable Energy](#)

PA2. Homes, Workplaces & Public Buildings

Individual actions you can get involved with:

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

Useful links:

- [Energy Savings Trust – Home Improvement Projects](#)
- [Quick Tips to Save Energy](#)
- [Carbon Co-op](#)
- [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.
- Use 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](#)
- [Road Safety and Traffic Calming – Bury Council](#)
- [Cycling – Visit Bury](#)
- [Walk Ride GM](#)
- [National Cycle Network - Sustrans](#)
- [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:

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

PA7. Green Economy, Skills & Education

Individual actions you can get involved with:

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

Useful links:

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

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](#)
- [Flood Map - FoE](#)
- [The Flood Hub](#)

Appendix 3: Removed Actions

Action	Priority action area	Reason for Removal
Working with all relevant partners to develop business models that make renewable energy more attractive	Energy Supply	This item was covered in other actions
Work with businesses to discourage employee use of private vehicles	Travel	This item was covered in other actions
Encouraging re-manufacturing - where items are returned to the original manufacturer to be restored	Consumption & Waste	The Council does not have the ability to influence this action sufficiently.
Communicating with the public more about recycling and the options around waste reduction	Consumption & Waste	This item was covered in other actions
Encouraging diets that include fish	Food	This item was covered in other actions

from sustainable sources		
Planting 3 million trees within 5 years	Natural Environment	This is a Greater Manchester target. Another Bury specific target is included in the action plan.
Increase urban green spaces by having bid-ready projects prepared.	Natural Environment	This item was covered in other actions
Work with our local colleges to develop the technical skills needed to drive forward the green agenda.	Green Economy, Skills & Education	This item was covered in other actions
Work with local commercial and industrial sectors to better understand their energy use, providing guidance to help them to become more sustainable.	Green Economy, Skills and Education	This item was covered in other actions
Incorporate sustainability and carbon neutrality into the Council's procurement process.	Green Economy, Skills & Education	This item was covered in other actions
Promoting businesses that	Green Economy, Skills & Education	This item was covered in other actions

address the climate emergency to create and expand “green collar” jobs		
Better educating our residents and local communities around the risks posed from flooding, overheating and other climate-related issues	Environmental Justice	This item was covered in other actions
Utilising our township and neighbourhood structures to help identify fuel poverty issues	Environmental Justice	This item was covered in other actions
Designing and delivering effective schemes to remove fuel poverty	Environmental Justice	This item was covered in other actions