

Climate Change and Green Futures Strategy 2023-27 Change Table

APPENDIX 6

Policy Section	Suggested Change	Reason for Change
Whole document	Formatted from landscape to portrait.	Feedback from public consultation. To make the document easier to read online and whilst reading on a mobile phone or tablet.
Whole document 2021/22 data	All 2021/22 data has been updated to 2022/23 data where required .	To reflect most current data.
Section 1	Change to image 1.	Revised to more up to date collection of images from 2023 showing flooding and storm damage in Broxtowe.
Section 1 Why do we need a Climate Change strategy?	<p>Current text: The world is getting warmer! On the 19 July 2022, the UK recorded its hottest ever temperature of 40.3°C with the summer of 2022 being the fourth hottest on record.</p> <p>Suggested text: Why does the Council need a Climate Change strategy?</p> <p>The world is getting warmer! ‘The year 2023 has been confirmed as the world’s hottest year on record driven by human caused climate change and boosted by the natural El Nino weather event... sea surface temperatures have also smashed previous highs.’ (Source: BBC News Science and Environment: 2023 confirmed as world’s hottest year on record.).</p>	<p>Section 1</p> <p>Update the section to reflect current position.</p>

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	<p>On the 19 July 2022, the UK recorded its hottest ever temperature of 40.3°C with the summer of 2022 being the fourth hottest on record.</p> <p>2023 has been reported by the Met Office as provisionally the second warmest year on record for the UK according to mean temperatures. Eight of the twelve months of the year were warmer than average with June and September being particularly warm compared to average. June was the hottest on record for the UK by a wide margin and September was joint hottest with temperatures peaking at 33.5°C on 10 September, only the fifth time for this to happen since observation records have begun. 2023 also saw 11% more rain than average with some parts of the UK recording a third more rainfall than normal. December's temperature was 1.6°C above average, although not high enough to trouble the record. (Source: Met Office).</p>	
Section 1	New image added illustrating physical impacts of climate change modelled for England.	Additional information for the reader.
Section 1 Table 2	<p>Current text: Broxtowe Borough Council Environment Business Plan 2023-2026 Environment Objectives: Develop plans to reduce the Council's carbon emissions to net zero and start implementing them. Invest in the Council's parks and open spaces. Increase recycling and composting</p> <p>Suggested text: Broxtowe Borough Council Environment Business Plan 2024-2027 Environment Objectives:</p>	Text updated to reflect revised Environmental objectives of the BBC Council Environment Business Plan.

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	<p>Reduce carbon emissions and improve air quality Continue to invest in our parks and open spaces Reduce the amount of waste disposed of in the black-lidded bin and increase recycling and composting</p>	
Section 1	<p>Current text:</p> <p>“A greener, safer, healthier Broxtowe where everyone prospers”.</p> <p>To achieve this vision, the corporate plan has a number of key strategic aims for priority areas. The strategic aim for the Environment is:</p> <p>‘The environment in Broxtowe will be protected and enhanced for future generations’.</p> <p>The strategic aim will be delivered through the following three key priorities:</p> <p>Develop plans to reduce our carbon emissions to zero and start implementing them. Invest in our parks and open spaces. Increase recycling and composting.</p> <p>Suggested text:</p> <p>“Protect the environment for the future”</p>	Revised in accordance with the new Corporate Plan 2023-2028

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	<p>The strategic aim will be delivered through the following three key priorities:</p> <p>Reduce carbon emissions and improve air quality Continue to invest in our parks and open spaces Reduce the amount of waste disposed of in the black-lidded bin and increase recycling and composting</p>	
<p>Section 1 The need to move to net zero at pace</p>	<p>New Image added Image 2: Physical Impacts of Climate Change modelled for England</p>	<p>Additional information for the reader.</p>
<p>Section 2</p>	<p>Current text:</p> <p>Carbon Dioxide Hydrofluorocarbons Methane Nitrous Oxide Perfluorocarbons Sulphur Hexafluoride</p> <p>Suggested text: Chemical symbols added to greenhouse gases listed</p> <p>Carbon Dioxide (CO₂) Hydrofluorocarbons (HFCs) Methane (CH₄) Nitrous Oxide (N₂O) Perfluorocarbons (PFCS) Sulphur Hexafluoride (SF₆)</p>	<p>For completion</p>
<p>Section 2</p>	<p>Current text:</p>	<p>Required as part of update</p>

Policy Section	Suggested Change	Reason for Change
Where are we now?	<p>In 2020/21 the Council achieved a 12% reduction in its emissions, a further 3% reduction in 2021/22 (a positive result given that the Council had come out of COVID restrictions and it was fully expected that emission levels would have risen)</p> <p>Key Points: Carbon reduction of 3% compared to the previous year Just over half of the Council's own operation emissions come from gas usage Fleet emissions account for 27% of the overall emissions</p> <p>Suggested text:</p> <p>Since the recalculated baseline in 2018/19 the Council has achieved an overall reduction of 36% in its emissions.</p> <p>Key points for 2022/23</p> <p>Carbon reductions of 1% compared to the previous year 2021/22. 44% of the Council's own operation emissions come from gas usage. Fleet emissions account for 34% of the overall total emissions.</p>	
Section 3	<p>Current text: As of 2022/22, actions undertaken from the original Climate Change and Green Futures programme have</p>	Required as part of update

Policy Section	Suggested Change	Reason for Change
	<p>resulted in a 16% reduction in carbon emissions against the recalculated 2018/19 baseline.</p> <p>The cross cutting actions achieved to support this reduction include:</p> <ul style="list-style-type: none"> •Introduction of further Electric Vehicles (3.5 tonne vans) bring the total to 9, saving approximately 2 tonnes of carbon per year, per vehicle. •New car lease scheme (August 2021) introduced, promoting low emission/EV cars for employees. •Creation of pocket parks including Ghost House Lane, Inham Nook, Chilwell – September 2022. •Mini Orchard planted at Grove Avenue Allotments in February/March 2021. •Bee-line at Leyton Crescent was planted November 2021. •3,000 trees planted across the Borough in 2022/23 and 134,618 since the start of the tree planting programme in 2008. •The launch of Green Rewards in October 2021 with over 2,700 registered users to date •100% renewable electricity energy tariff. •Additional employee resourced for recycling and climate change. <p>Suggested text: List of achievements updated with 2022/23 and 2023/24 and new image of litter picking as part of the Youth Climate Social Action Week at Hemlock Stone added.</p> <p>As of 2022/23, actions undertaken from the original Climate Change and Green Futures programme have</p>	

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	<p>resulted in a 36% reduction in carbon emissions against the recalculated 2018/19 baseline.</p> <p>The cross cutting actions achieved to support this reduction over the past few years include: 100% renewable electricity energy tariff. Introduction of further Electric Vehicles (3.5 tonne vans) bringing the total to 9, saving approximately 2 tonnes of carbon per year, per vehicle.</p> <p>Mini Orchard planted at Grove Avenue Allotments in February/March 2021. Bee-line at Leyton Crescent, planted November 2021. New car lease scheme (August 2021) introduced, promoting low emission/EV cars for employees.</p> <p>Creation of pocket parks including Ghost House Lane, Inham Nook, Chilwell – September 2022.</p> <p>3,000 trees planted across the Borough in 2022/23 with over 134,000 planted since the start of the tree planting programme in 2008.</p> <p>These achievements have continued into 2023/24 and include: Over 2,700 registered resident users, avoiding 286 tonnes CO₂e in total so far on the Green Rewards engagement app. Additional employees resourced for recycling and climate change.</p>	

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	<p>Local Authority Delivery (LAD) Phase 3 successfully implemented with over 60 properties identified as eligible with over 65 measures implemented with solar PV, external wall insulation and loft insulation being the top three measures (as of September 2023).</p> <p>Hosting several sessions as part of the Youth Climate Social Action Week, October 2023 including:</p> <p>Practical conservation day – clearing Rhododendron and bulb planting at Bramcote Hills Park. Litter pick around Ilkeston Road Recreation Ground and the Hemlock Stone (Image 5) – 22 people total. Final day discussion with Councillors on climate change and actions all can take to make a difference.</p>	
Section 3	Broxtowe Borough's carbon footprint 2021 carbon data provided replacing 2020 data	Required as part of update
Section 3	Graphs 2 and 3 updated with 2021 data	Required as part of update
Section 3	Climate Change and Green Futures Timeline updated	Required as part of update
Section 4	Governance Strategies list of strategic documents amended with full document titles	For completion
Section 5	<p>Current text: After the publication of this refreshed strategy, the document will go out for public consultation to enable greater stakeholder input, to help inform future iterations of the strategy. It will also help to identify any issues or concerns that have not been previously addressed.</p> <p>Suggested text: The refreshed Climate Change and Green Futures strategy went out for public consultation during the</p>	Text has been added explaining the public consultation and recommendations from this. Required as part of update

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	<p>summer of 2023. Members of the public were invited to comment on the document via:</p> <p>On line survey Paper copy In person focus groups</p> <p>A total of 294 participants took part with feedback, comments and strategy suggestions all being reviewed, analysed and incorporated (where feasible) into this version of the document.</p> <p>Four key recommendations were highlighted as part of the consultation process:</p> <p>Changes to the strategy:</p> <p>Changes to recycling This was the most commented subject of the Strategy throughout the public consultation in particular the multiple challenges that are preventing people across the Borough from recycling the correct items. Challenges identified included unreliable kerbside collections and limited items being collected. This has been addressed under Theme Six: Recycling and Resources.</p> <p>Stakeholder engagement. The consultation identified that the Strategy does not detail what different stakeholders can specifically do to help support the actions of the Council and reduce carbon emissions. This has been addressed by adding a</p>	

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	<p>new section to this document, Section Seven: The Role of Stakeholders.</p> <p>Measuring success. People want to see more information on how the Council plan to measure the success of the actions put into place and notifications of when goals are achieved. This has been addressed in Section Six: Carbon Management Plan.</p> <p>Format of the strategy</p> <p>Participants reported that they found the Strategy document difficult to read online via laptop, computer or mobile devices due to it being landscape. As a result, this document is now in portrait.</p> <p>Increasing climate change education in Broxtowe Borough Council</p> <p>The consultation findings recommended that the Council implement education schemes that target specific groups of people. This was a result of the varied perceptions of climate change observed from the consultation responses. This will be addressed via a range of different methods including workshops, Green Festivals, Green Rewards and communications.</p> <p>Improvements to research methods</p>	

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	<p>The level of engagement via the public consultation was lower than expected and in some cases those taking part had not read the full Strategy prior to responding to the questionnaire/attending the focus group. With this in mind, careful consideration has been given to the statistical significance of comments and suggestions made. Any future public consultations will look to encourage higher engagement numbers and consider making it compulsory for participants to read all documents before responding.</p>	
Section 6	<p>Current text: The Carbon Management Action Plan, found in the Appendix, sets out the time bound actions that will be delivered to reduce emissions and achieve the strategic aims within the climate strategy. Those actions include activities to address the Council's own carbon footprint as well as those aimed at influencing residents, the local community and businesses to work towards the same ambitions.</p> <p>The Climate Change and Green Futures Programme is the delivery vehicle by which the Carbon Management Plan is managed. The Plan will be reviewed regularly with the programme theme leads and during quarterly governance meetings.</p> <p>Suggested text: The Carbon Management Action Plan, found in the Appendix, sets out the time bound actions that will be delivered to reduce emissions and achieve the strategic</p>	Measures of success added in response to the public consultation.

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	<p>aims within this climate strategy. Those actions include activities to address the Council's own carbon footprint as well as those aimed at influencing residents, the local community and businesses to work towards the same ambitions.</p> <p>The Climate Change and Green Futures Programme is the delivery vehicle by which the Carbon Management Action Plan is managed. The Plan will be monitored and reviewed regularly with the programme theme leads and during quarterly governance meetings and updated as necessary.</p> <p>Success will be measured in a number of ways including:</p> <ul style="list-style-type: none"> • Completion of the actions set out in the Carbon Management Action Plan. • Reduction in the Council's CO₂e emissions. <p>External notification of progress will be via: The revised strategy being published on the Council website. Updated Carbon Management Action Plan published on the Council website. Council communications streams including email bulletins, press releases and social media posts.</p> <p>Progress to date Graph 5 illustrates progress to date against all of the current actions within the Carbon Management Action Plan 2023/24.</p>	<p>Added to reflect progress against actions</p>
Section 6	Measurement of success included and methods of external notification of success added:	Added in response to the public consultation.

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	<p>Success will be measured in a number of ways including: Completion of the actions set out, Reduction in the Council's CO2 emissions reported bi-annually.</p> <p>External notification of progress will be via: Revised Strategy being published. Updated Carbon Management Plan. Council communications streams including email bulletins, press releases, social media</p>	
Section 6	<p>New section added: Progress to date</p> <p>Graph 5 illustrates progress to date against all of the current actions within the Carbon Management Action Plan</p>	Added to provide a visual update.
Section 7	<p>New section added to include the role of stakeholders</p> <p>Climate Change necessitates collaborative actions from a variety of stakeholders.</p> <p>This new section, added in response to the feedback received during the 2023 public consultation, aims to support stakeholders, highlighting actions where they can make a difference. This is an area so many are keen to support but do not know where to start.</p> <p>Opportunities for involvement:</p>	Added in response to the public consultation.

Policy Section	Suggested Change	Reason for Change
	<p>Sign up to the free climate change engagement app (Green Rewards) and join a network of over 2,700 Broxtowe residents who have already saved over 280 tonnes CO2e. The app encourage small lifestyle changes that achieve carbon emission reductions with the chance for participants to win prizes at an individual and Ward level whilst also offering exclusive discounts across Nottingham https://notts.greenrewards.co.uk/</p> <p>Keep up to date with the latest Climate Change news by signing up to our Environment bulletin via Email Me https://www.broxtowe.gov.uk/about-the-council/communications-web-social-media/email-me/</p> <p>Visit our dedicated Climate Change webpages https://www.broxtowe.gov.uk/for-you/climate-change/ Contact the Council's Climate Change Manager for advice, help, support or suggestions for inclusion in this document by emailing environment@broxtowe.gov.uk</p> <p>Visit the team in person and other Climate Change related organisations at the Council's Green Festivals.</p> <p>Consult with Nottingham Energy Partnership who can provide advice and guidance on energy saving at home. https://www.nottenergy.com/what-we-offer</p> <p>Contact with the UK Business Climate Hub https://businessclimatehub.uk/</p>	
Section 8 (was section 7)	Current text:	Amended as the strategy themes are not 'new' for this version

Policy Section	Suggested Change	Reason for Change
	<p>A review of the strategic themes has been undertaken as part of the Climate Change Strategy refresh. The review resulted in the creation of ten strategic themes, which enhance and widen the scope from the original topic areas. These revised themes provide the appropriate governance and overview needed to ensure an appropriate direction of travel supporting a carbon neutral and net zero commitment.</p> <p>The table below shows the original and revised strategic themes. There are ten themes within this Climate Change and Green Futures Strategy as listed below, each one is addressed in detail in the following section of the strategy.</p> <p>Suggested text:</p> <p>Section title amended to ‘Themes’ and themes listed rather than in a table.</p> <p>There are ten themes within this Climate Change and Green Futures Strategy as listed below, each one is addressed in detail the following section of the strategy.</p> <p>Climate Strategy Transport and Travel Energy and Water Built Environment Core Strategy and Planning Recycling and Resources Natural Environment</p>	

Policy Section	Suggested Change	Reason for Change
	Communities Business and Supply Chain Communications	
Theme One Adaptation and climate resilience	<p>Current text: Planning for climate mitigation and adaptation is not only necessary on the macro scale but also at the local level. Extreme weather conditions have the ability to impact directly on the services provided by the Council. Increased risk of grass fires, or heat exposure to employees all issues which will undoubtedly need to be included in service planning in the future.</p> <p>To build service resilience, a number of emerging strategies are being created. This includes the inclusion of drought and disease resistant.</p> <p>Suggested text: Planning for climate mitigation and adaptation is not only necessary on the macro scale but also at the local level. Extreme weather conditions have the ability to impact directly on the services provided by the Council and have done over the past few years. This has been observed over the past four months with eight storms hitting the UK so far this autumn/winter 2023/24 causing significant disruption to the Borough threatening lives and damaging properties from gale force winds and flooding. Increased risk of grass fires, or heat exposure are just some of the issues which will undoubtedly need to be included in service planning in the future.</p>	Required as part of progress update reporting

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	To build service resilience, a number of emerging strategies are being created. This includes blocked drain reporting to Nottinghamshire County Council and the inclusion of drought and disease resistant trees.	
Theme Two	<p>Current text: Broxtowe Borough Council Fleet Based on 2021/22 carbon footprint data, the Council's fleet contribute 27% (832 tCO₂e) to the Council's overall carbon emissions. A sustainable fleet is one that considers a combination of electrification, alternative fuels along with operational and driving efficiencies. Electrification of the fleet The majority of transport emissions arise from the refuse and cleaning fleet (graph4). Decarbonising the fleet, using methods such as electrification or alternative low emission fuels, is a priority for the Council. A transition to electrification across the fleet is currently cost prohibitive. However, progress is being made to facilitate this through methods such as installation of shared charging facilities across the D2N2 network, which will provide a greater driving range for council vehicles across Nottinghamshire.</p> <p>Suggested text: Broxtowe Borough Council fleet Based on 2022/23 carbon footprint data, the Council's fleet contribute 34% (818 tCO₂e) to the Council's overall carbon emissions. A sustainable fleet is one that considers a combination of electrification, alternative fuels along with operational and driving efficiencies. The Council will continue to review appropriate opportunities for operating a diverse fleet of vehicles and</p>	Required as part of progress update reporting

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	<p>plant to ensure the most cost effective lifecycle and incorporating carbon emission efficiency.</p> <p>The Council will train its employees in the most fuel efficient driving techniques. This will achieve additional benefits through reduced wear and tear and lifecycle extension.</p> <p>Electrification of the fleet</p> <p>The majority of transport emissions arise from the refuse and cleaning fleet (graph 6). Decarbonising the fleet, using methods such as electrification or alternative low emissions fuels, is a priority for the Council. In 2022, a desk top study was undertaken to understand the financial implication of electrifying the Council fleet. Estimated at over £18 million, the cost to transition is currently cost prohibitive.</p> <p>However, progress is being made to facilitate this through methods such as installation of shared charging facilities across the D2N2 network, which will provide a greater driving range for council vehicles across Nottinghamshire.</p> <p>The Council's first Electric Vehicle Infrastructure (EVI) Strategy has been written to be taken to Cabinet for approval by summer 2024. The Strategy's aim is to ensure access to a reliable EV chargepoint network across Broxtowe for residents, businesses and visitors. The implementation of this Strategy will also support the decarbonisation of transport and travel within the Borough. Within this new strategy an action plan will be implemented to ensure progress is made in accordance to the Council's commitments.</p>	

Policy Section	Suggested Change	Reason for Change
Theme Two	<p>Suggested new text: Hydrotreated Vegetable Oil (HVO) In recent years the UK has seen a growth in the number of vehicles moving from diesel fuel to more sustainable, lower emissions alternatives, such as Hydrotreated Vegetable Oil (HVO) in a bid to become net zero. HVO is a renewable fuel produced from plant-based oils and although the fuel is not a zero emissions one, it has a much lower carbon footprint compared to traditional diesel.</p> <p>In October 2023, Cabinet agreed to the transition from diesel to HVO for the Council's vehicle fleet. This will result in significant carbon savings, which will support the Council's ambition to become carbon neutral by the end of 2027. The transition process is currently being programmed and it is expected that the fleet will move to HVO in early 2024.</p> <p>Based on fuel usage for 2022/23, the total tCO₂e savings each year for Broxtowe Council would be in the region of 629 tCO₂e. This represents a 77% reduction in transport carbon emissions and an overall reduction of 26% in the Council's total carbon emissions.</p>	Required as part of progress update reporting
Theme Two	<p>Current text: Business mileage. Business mileage undertaken by Council employees and Members falls under Scope 3 emission reporting. Graph 5 shows carbon emissions arising from business travel. The Council will continue to promote the use of low emission vehicles to employees along with improved</p>	Required as part of progress update reporting

Policy Section	Suggested Change	Reason for Change
	<p>journey planning to reduce their transport footprint emissions.</p> <p>Employee's commute to work also contributes to Scope 3 but as yet this data is still to be benchmarked, but will be established within the coming year.</p> <p>Suggested text: Business mileage undertaken by Council employees and Members falls under Scope 3 emission reporting. Graph 7 shows carbon emissions arising from business travel. The Council will continue to promote the use of low emission vehicles to employees along with improved journey planning to reduce their transport footprint emissions. The use of video calls will continue along with hybrid working following the COVID pandemic. How employee's commute to work also contributes towards Scope 3, however these are not currently calculated. The baseline calculations for these and all other Scope 3 emissions has commenced in 2024 and will be reported on following completion.</p>	
Theme Two	<p>Current text: Sustainable travel options The Council will encourage residents to make sustainable choices regarding their travel arrangement by: Promoting public transport Encouraging car share. Working with external stakeholders to help expand the number of EV charging points across the Borough (both off and on street).</p> <p>Suggested text:</p>	Required as part of progress update reporting and in response to the public consultation.

Policy Section	Suggested Change	Reason for Change
	<p>The Council will encourage residents to make sustainable choices regarding their travel arrangement by:</p> <ul style="list-style-type: none"> Promoting public transport options and any discounts available by local providers. Encouraging car share. Working with external stakeholders to help expand the number of EV charging points across the Borough (both off and on street). Lobbying local public transport providers on network connectivity opportunities when opportunity arises in areas where provisions do not currently exist and/or as part of new developments. Incorporating cycle paths and bike storage in new developments 	
Theme Two	<p>Suggested additional text:</p> <p>Active travel</p> <p>Whilst the condition of roads and number of cycle lanes are the responsibility of Nottinghamshire County Council (NCC), Broxtowe Borough Council is able to work with and influence decisions taken by NCC. The Council can also review bike storage provision across the Borough and will ensure these continue to be part of design considerations going forwards.</p>	Theme Two
Theme Three	<p>Current text:</p> <p>Energy Management</p> <p>Energy management in buildings is an important area that will assist in achieving carbon neutrality and net zero. It is nevertheless challenging where buildings are old, or even listed and are therefore inherently energy inefficient.</p>	Required as part of progress update reporting

Policy Section	Suggested Change	Reason for Change
	<p>The more recent challenge is as a result of COVID, where working from home, or hybrid working have resulted in buildings, particularly offices, being underutilised.</p> <p>Understanding how energy can be saved, as well as it is used, are both key components regarding efficient and intelligent energy management. The principle of the 'fabric first' approach (ensuring the structure is as insulated as it can be), the way in which energy is purchased (acquiring energy from renewable/green energy sources) and determining peak usage trend through meter readings, are all key parts of energy management.</p> <p>There will be Decarbonisation plans for four of the Council's key assets; the Council Offices, Kimberley Depot; Bramcote Leisure Centre and Bramcote Crematorium. This information will help to support any potential decarbonisation funding bids the Council submits for these assets.</p> <p>Where possible the Council will look to promote measures to improve energy efficiency by offering advice and signposting the community with Broxtowe to relevant grants.</p> <p>Suggested text: Energy Management Energy management in buildings is an important area that will assist in achieving carbon neutrality and net zero. It is nevertheless challenging where buildings are</p>	

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	<p>old, or even listed and are therefore inherently energy inefficient.</p> <p>The more recent challenge is as a result of COVID, where working from home, or hybrid working have resulted in buildings, particularly offices, being underutilised. The Council is monitoring utilisation of the Council Offices and exploring options for energy savings and/or increased utilisation moving forwards.</p> <p>Understanding how energy can be saved, as well as how it is used, are both key components regarding efficient and intelligent energy management. The principle of the 'fabric first' approach (ensuring the structure is as insulated as it can be), the way in which energy is purchased (acquiring energy from renewable/green energy sources) and determining peak usage trends through meter readings, are all key parts of energy management.</p> <p>Decarbonisation plans for three of the Council's key assets: The Council Offices, Kimberley Depot and Bramcote Crematorium, have been commissioned for completion in 2024. This information will help to support any potential decarbonisation funding bids the Council submits for these assets and/or capital investment. Where possible the Council will promote measures to improve energy efficiency by offering advice and signposting the community within Broxtowe to relevant grants and trusted energy support services. Everyday</p>	

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	actions can be accessed via the Green Rewards engagement app for residents.	
Theme Three	<p>Current text: Water management Water is a valuable resource and its management is therefore a priority. The Council will explore opportunities to maximise water efficiency savings across its own estate as well as promoting positive behaviour habits for residents and businesses in order to reduce demand on supply.</p> <p>Suggested text: Text added to 'Water management'</p> <p>Water is a valuable resource and its management is therefore a priority. The Council will explore opportunities to maximise water efficiency savings across its own estate as well as promoting positive behaviour habits for residents and businesses in order to reduce demand on supply.</p> <p>In December 2023, thirteen Council properties were audited for water efficiency opportunities via the Severn Trent Green Recovery Project funded by the Water Services Regulation Authority (Ofwat). Any remedial works required were completed either during the site visit or have been programmed in for completion within the next six-months.</p> <p>The use of rain and greywater across the Council's own estate needs to be explored. Residents, businesses and</p>	Required as part of progress update reporting

Policy Section	Suggested Change	Reason for Change
	charities in the Borough can seek water saving advice from their water company as well as via Green Rewards platform.	
Theme Four Retrofit of existing private housing stock	Suggested new text: The University of Nottingham have been appointed to commence a fundamental piece of work during 2024, to understand the condition of the Council's housing stock and provide a roadmap to support its decarbonisation through retrofit.	Required as part of progress update reporting.
Theme Four Local Authority Delivery (LAD) funding	Suggested new text: As part of the LAD Phase 3 funding (as of September 2023), 44 properties have received energy saving measures such as solar PV, external wall insulation and loft insulation costing a total of £569,340.	Required as part of progress update reporting.
Theme Four	Suggested new text: Energy Company Obligation (ECO) Scheme Launched in September 2023, eligible households in Broxtowe can receive energy efficiency measures such as wall, loft and underfloor insulation, heating controls and low-carbon heating systems for free. These upgrades will help towards improving the property's energy performance, helping to reduce energy usage and significantly reducing heat loss. Residents are able to apply for further information and advice via email to retrofit@broxtowe.gov.uk or by calling E.ON and referencing Broxtowe Borough Council.	Required as part of progress update reporting.
Theme Four	Suggested new text: Social Housing Decarbonisation Fund (SHDF)	Required as part of progress update reporting

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	<p>In November 2023, planning permission was granted for the external wall insulation works to be undertaken on thirteen council owned properties in the Borough as part of the SHDF.</p> <p>The total expected energy savings from the project are 495,086kWh, this equates to 90tCO₂e Measures include: External wall insulation. Eaves extensions to roofs. New rainwater goods. New windows for certain properties. Damp proofing works.</p> <p>The Council will continue to seek funding in order to support residents retrofit measures and will communicate these opportunities via email bulletins, social media, webpage updates, guidance documents, case studies and any other means available.</p>	
Theme Five	<p>Current text: Local Plan Currently a review of the strategic plan for Nottinghamshire is being undertaken. The plan will outline the main policy aims, and key areas for development, across the wider Nottinghamshire area. This plan will then 'feed' into a revised Broxtowe Local Plan, within which there will be additional policies on sustainability and climate change.</p> <p>Suggested text: The Aligned Core Strategy is currently being reviewed and will result in the production of the Greater</p>	Required as part of progress update reporting

Policy Section	Suggested Change	Reason for Change
	<p>Nottingham Strategic Plan. The Strategic Plan will outline the main policy areas and identify key areas for development. It will also include policies relating to climate change and carbon reduction within new developments.</p> <p>Concurrently, work is being undertaken on a Climate Change and Renewable Energy SPD, which will assist homeowners and developers when considering these sustainable components and will outline the planning requirements associated with them. This document will be made available to all via the Council webpages including those dedicated to climate change.</p>	
Theme Six	<p>Current text: Round efficiencies</p> <p>The current collection rounds are now reaching capacity and need to be reviewed again to ensure that they are fit for purpose for the next four years.</p> <p>Suggested text: The current collection rounds are now reaching capacity and need to be reviewed again to ensure that they are fit for purpose for the next four years. The review will also need to incorporate mandated weekly food collections that will need to be implemented by October 2027.</p>	Required as part of progress update reporting.
Theme Six	<p>Current text: The kerbside recycling services provided by the Council are shown in table 6. The recyclables collected through</p>	Added in response to the public consultation

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	<p>kerbside streams are in accordance with countywide disposal contract.</p> <p>Suggested text: Items that can and cannot be recycled by residents in Broxtowe Borough are determined by the contract between Nottinghamshire County Council and Veolia. Broxtowe Borough Council are not able to change these items, however, following feedback received from the public consultation, measures aimed at helping residents have a clearer understanding of what can and cannot go in the kerbside recycling bins have been implemented during 2023 and will continue throughout 2024.</p> <p>Measures include: Revision of information provided on the Council's dedicated 'Waste and Recycling' webpages including a 'Recycling A-Z'. Revision and redesign of kerbside bin contamination tags. Waste and Recycling guidance via email bulletins and social media posts. Targeted engagement, including a newly designed dedicated recycling leaflet delivered to each household. Face to face engagement sessions for local groups and schools. Collaboration with Veolia to promote their educational tours of the Materials Recycling Facility (MRF). Promotion within Green Rewards platform.</p> <p>New text added:</p>	

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	<p>The Council has recognised this and created and recruited a Waste and Recycling Engagement Officer whose role is to support activities set to reverse the current declining trend.</p>	
Theme Six	<p>New figure added: Figure 5: Illustration to show the difference between linear, recycling and circular economies.</p>	To provide more information to the reader
Theme Seven	<p>Suggested new text: Tree Planting</p> <p>The Council's first Tree Management Strategy adopted in November 2023, sets out a proactive approach to managing trees. The aim is to enhance and safeguard the environment, establish green spaces and effectively mitigate against the impacts of climate change. The strategy is designed to be a framework for the management of trees owned and managed by Broxtowe Borough Council, detailing the guiding principles by which arboricultural decisions are influenced.</p> <p>The Council are responsible for trees on land such as the parks and open spaces. Trees growing from pavements or public highway verges are usually the responsibility of Nottinghamshire County Council Highways department. As part of it drive to address climate change and be responsible for its tree stock has planted over 134,000 since 2008, that's more than one for every resident in the Borough.</p>	Added as part of progress update

Policy Section	Suggested Change	Reason for Change
Theme Seven	<p>Suggested new text:</p> <p>Within the Borough there are also a number of urban habitats providing havens for wildlife. These include gardens, church yards, allotments, orchards, verges, school grounds and railway sidings. Many of these areas are post-industrial, brownfield sites supporting a rich and diverse ecosystem. These areas can be enhanced by the creation of log piles to encourage insects, the installation of bird and bat boxes, or by increasing the number of no mow areas.</p> <p>The Council is proactively looking for opportunities to increase biodiversity within the Borough by changing land management regimes and working with partner organisations.</p>	Added as part of progress update.
Theme Seven	<p>Suggested new section: Management</p> <p>The management of the blue and green infrastructure within the Borough needs to adapt in response to the changing climate. For example, the weed growing season has lengthened due to milder, wetter weather. Whilst weeds in the correct location can provide benefits to local wildlife, in particular insects and pollinators, those in locations that pose health and safety risks or can damage infrastructure such as pavements and roads require management. The Council uses a 'green on grey' approach for weed management and wherever possible uses manual methods such as sweeping to limit the spraying of Glyphosate. The quantity of Glyphosate</p>	Added in response to public consultation questions asked.

Policy Section	Suggested Change	Reason for Change
	<p>used is limited as much as possible and reviewed annually with opportunities continually identified to reduce this further. It is only used across the Borough where absolutely necessary.</p> <p>The use of compost (peat free, peat reduced or with peat) across the Borough is reviewed regularly with opportunities to reduce compost containing peat identified. Trees that are planted across the Borough are contained within peat free compost.</p>	
Theme Seven	<p>Text removed:</p> <p>The main air quality issue within the Borough arises from the M1 and the A52 roads. There is one Air Quality Management Area (AQMA) remaining in the Borough and this is located in Trowell.</p>	No longer applicable.
Theme Seven	<p>Suggested new section added:</p> <p>Agriculture</p> <p>Whilst agricultural activities only account for 1% of the Borough's emissions, it has been highlighted as an area of focus via the public consultation. An action to engage with local farmers is now part of the 2024/25 Carbon Management Action Plan.</p>	Added in response to public consultation.
Theme Eight	<p>Current text:</p> <p>Town/Parish Council's and local community groups Moving forward the Council needs to work more closely with Town and Parish Councils and other local stakeholders on the climate change agenda so they can: Align to the Council's carbon neutral and net zero ambitions.</p>	Added as part of progress update.

Policy Section	Suggested Change	Reason for Change
	<p>Understand what action or change is necessary and help support this</p> <p>Suggested new text: Town/Parish Council's and local community groups</p> <p>In 2023 the Council began to work more closely with Town and Parish Councils and other local stakeholders on the climate change agenda so they can: Align to the Council's carbon neutral and net zero ambitions. Understand what action or change is necessary and help support this.</p>	
Theme Eight	<p>Current text:</p> <p>Health and wellbeing The Council will develop a Green Social Prescribing model for the Borough which will enable residents to engage in nature-based interventions and activities to improve their mental health.</p> <p>Suggested text: In 2023 the Council began to develop a Green Social Prescribing model for the Borough which will enable residents to engage in nature-based interventions and activities to improve their mental health.</p>	Added as part of progress update.
Theme Nine	<p>Current text: Sustainability support for local business</p>	Added as part of progress update.

Policy Section	Suggested Change	Reason for Change
	<p>Businesses continue to feel the economic effects of rising energy bills, but there is also the challenge of prioritising sustainability, especially as the impact of climate change is being felt. The Council, together with local partners (for example both Nottinghamshire universities) will work together to provide small businesses with resources, access to events and support to help them on their carbon reduction journey and align with the Council's carbon neutral ambition.</p> <p>Suggested text:</p> <p>Businesses continue to feel the economic effects of rising energy bills, but there is also the challenge of prioritising sustainability, especially as the impact of climate change is being felt.</p> <p>The Council, together with local partners (for example both Nottinghamshire universities, Fast Followers (a two-year project to deliver an efficient, scalable route to net zero for Derby, Derbyshire, Nottingham and Nottinghamshire (D2N2) Local Energy Partners (LEP)) and Nottingham Energy Partnership) will work together to provide small businesses with resources, access to events and support to help them on their carbon reduction journey and align with the Council's carbon neutral ambition.</p> <p>The Council will also work with businesses to identify opportunities to support the creation of green jobs and skills within the local areas.</p>	

Policy Section	Suggested Change	Reason for Change
Theme Nine	<p>Suggested new text added: Sustainability and procurement The baseline calculations for Scope 3 are expected to be completed by the end of March 2024.</p>	Added as part of progress update.
Theme ten	<p>Current text: In 2022 there were four festivals covering each of Broxtowe Borough's town centres (Eastwood, Kimberley, Stapleford and Beeston). The events were interactive and families were able to participate in a variety of environmentally themes activities.</p> <p>Suggested text: In 2023/24 Broxtowe Borough Council held its largest Green Festival to date at Coronation Park, Eastwood (image 6). Over 30 stall holders attended, representing local charities, local businesses as well as national organisations. They were on hand to talk to members of the public about the work they were involved in to help tackle climate change whilst at the same time providing help and advice to those attending. The event was interactive and families were able to participate in a variety of environmentally themes activities.</p> <p>Following on from its success, the aim is to continue to develop these festivals across the borough, growing engagement and reach.</p>	Added as part of progress update