

Burnley Climate Change Progress Updates 2022-23

Action Plan 2022- 2026

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
Theme 1 - Vehicle Emissions					
Objective 1A – reduce greenhouse gas emissions from vehicles					
i - provide new electric vehicle charging infrastructure	Explore further opportunities to increase the electric charging infrastructure on all existing council car parks in the town centre and at other facilities	Streetscene	Ongoing	Complete a review of the car park portfolio and identify opportunities for installation Monitor and report on the additional number of chargers installed	EXISTING BURNLEY BOROUGH COUNCIL RELATED PUBLIC PROVISION: RAPID charge points at Council Car Parks are: Centenary Way CP: 2 charge points, 4 served spaces King Street CP: 2 charge points, 4 served spaces Successful funding bid to On-Street Residential Chargepoint Scheme (ORCS), with Department of Transport. The project will deliver 21 fast charge points at 8 car park locations. BBC PUBLIC PROVISION IN THE PIPELINE: The ORCS Project aims to deliver FAST (7kw) charge points as follows: <u>Padiham:</u>

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					<p>Town Hall CP: 3 charge points, 6 served spaces Clitheroe Street CP: 3 charge points, 6 served spaces Hambledon St CP: 2 charge points, 4 served spaces <u>Burnley:</u> Bank Parade CP: 3 charge points, 6 served spaces Centenary Way CP: 3 charge points, 6 served spaces Sutcliffe St CP: 3 charge points, 6 served spaces Arthur St CP: 2 charge points, 4 served spaces Elm St CP: 2 charge points, 4 served spaces <u>TOTALS:</u> 21 charge points, 42 served spaces One fully accessible EV space at each location.</p> <p>There is an additional project to install two charge points at Pioneer Place by the end of the year.</p> <p>Between April 2022 and April 2023, Burnley saw a 17.2% increase in chargers of all speeds increasing from 29 to 34,</p>

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	Work with Lancashire County Council to explore opportunities for the provision of electric charging infrastructure on the borough's highways	Streetscene	Ongoing	Monitor and report on the additional number of chargers installed	and a 37.5% increase in rapid chargers, increasing from 8 to 11. As a result of LCC's work with BPChargemaster (now known as bpPULSE) Electric Vehicle charging bays have been installed throughout the county. In Burnley, there have been 4 x F7 (7kWh) chargers added (8 bays) at Kingsway, and 1 x Rapid (50kWh) charger (1 bay) at Ribble Street, Padiham.
	Explore ways to improve charging infrastructure for existing development - in particular private housing without off street parking. Identify grant opportunities	Electric Vehicle Working Group	Ongoing	Monitor and report on the schemes developed during the life of the strategy	See above update
	Develop and Implement the Electric Vehicle Charging Strategy	Streetscene	Ongoing	Strategy approved and actions implemented	EV strategy draft completed. Will continue to monitor through updates to the climate change strategy.

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ii - require charging infrastructure through new developments	Implement planning policies for all developments requiring and supporting the provision of ULEV charging points. (Policy IC3 and NE5)	Planning Service	Ongoing	Monitor annually the number of charging points installed on new residential and commercial developments	<p>Burnley's Local Plan supports and encourages the adoption of Electric Vehicles and their associated infrastructure through Policy NE5, and Policy IC3 and Appendix 9: Car Parking Standards.</p> <p>Planning services request EV points as standard on all major housing developments on the detached plots – no formal monitoring at present.</p> <p>Planning services encourage EV points on all minor developments.</p> <p>All major applications that have been determined since 2022 have included EV charge points.</p> <p>E.g., Barratt housing development (FUL/2021/0273 Approved 13 Oct 2022) exceeded the policy requirement for EV charging points.</p>
iii - limit vehicle emissions from new developments requiring planning permission	Apply planning policies for new developments requiring planning permission to limit emissions from vehicles (including Policy NE5 and the Air Quality Management: Protecting Health	Planning Service	Ongoing		The Council is required to designate an air quality management area (AQMA) in any area which does not meet or is not likely to meet one or more of the objectives. To date (March 2022) no AQMAs have been designated within the

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	<p>and Addressing Climate Change SPD.)</p> <p>Update Validation Checklist to reflect new information</p>	<p>Planning Service</p>	<p>March 2022</p>	<p>Validation checklist amended and in operation</p>	<p>Borough of Burnley. However, the Council have identified two areas within the Borough which are at risk of exceeding air quality objectives and the Council is closely monitoring results here to determine if an AQMA will be needed. The Air Quality Management: Protecting Health and Addressing Climate Change SPD was adopted on 8 December 2020. All schemes will have applied the policies in some way, but the larger schemes require specific measures to be looked at.</p> <p>One recent example is the Barratt housing development (FUL/2021/0273 Approved 13 Oct 2022) which was accompanied by a specific air quality assessment. It required a contribution towards an upgrade to the nearby junction to assist with traffic flow and one to improve bus stops. It also exceeded the policy requirement for EV charging points.</p> <p>Validation checklist updates in progress. Due to be completed by April 2024.</p>

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	requirements and advise applicants accordingly				
iv - reduce vehicle emissions from existing development	Facilitate hybrid working for council staff	Human Resources, Policy and Engagement	Ongoing	Monitor and record the percentage of time employees are working from home	Hybrid working in operation with a 3-day office, 2-day home working agreement.
	Work with the Highways Authority and Highways England to support junction improvements on key transport networks	Economy and Growth	Ongoing	Report on planned and implemented improvements	Implemented – Padiham Road realignment as part of Town Centre Project (completed summer 2022) and Rossendale Road Junction improvements (completed August 2021).
	Produce an annual Air Quality Monitoring Plan and implement DEFRA recommendations.	Environmental Health	Annually	Air Quality Plan produced; recommendations implemented	Air Quality Plan is produced annually. Refer to '2022 Air Quality Annual Status Report' for details. Successful traffic management project completed in 2022 on Burnley Road, Padiham as part of the £2m 'Padiham Public Realm Improvement Scheme' which comprised the removal of the traffic lights to improve traffic-flow.

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	Keep up to date on any additional air quality requirements within the proposed Environment Act.	Environmental Health	Ongoing		Stricter requirements are being introduced regarding particulate matter. Under the Environment Act 2021, the government has set two ambitious, legally binding targets to reduce concentrations of PM2.5: an annual mean concentration target for PM2.5 of 10 µg/m ³ across England by 2040 and an average population exposure reduction target of 35% in 2040, compared to a 2018 baseline. Informative campaign being run by Environmental Health to assist people with domestic improvements, rather than penalty fines, whilst continuing to investigate and take enforcement action upon any reported offences.
	Implement Euro 6 vehicles standards across the borough's taxi fleet	Licensing	December 2023	Monitor percentage of compliance	The EV taxi piece has been delayed, due to external factors including vehicle supply, ongoing energy crisis, and downturn in the economy.
	Investigate options to promote and incentivise the use of Electric and Hybrid vehicles for the taxi fleet	Licensing	Ongoing	Monitor number of vehicles recorded annually	Some promotional work is planned with drivers as part of the contract to install the chargers. 29 out of 349 vehicles in the taxi fleet are hybrids (increase from

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					3 hybrids in 2019). Currently no fully electric vehicles.
v - replace existing council vehicles and machinery with electric alternatives	<p>Investigate and develop proposals for green alternatives to waste collection operations to inform the future procurement of the waste collection contract</p> <p>Burnley Leisure to replace golf ball collectors, 3G pitch tractor and school van with electric alternative</p>	<p>Streetscene</p> <p>Burnley Leisure</p>	<p>June 2025</p> <p>Ongoing</p>	<p>Options assessed and evaluated, Tender exercise undertaken, Contractor appointed.</p> <p>Introduction of electric alternatives</p>	<p>Contract due for renewal in 2025. To inform future procurement options an electric bin truck was sourced and deployed for a week during 2022. The truck performed well and completed all rounds as tasked, with 35% battery life remaining. This indicates that a switch to electric vehicles is possible and the current technology is sufficient for this to take place. The cost of electric RCVS is currently making this solution cost prohibitive at £400,000 per RCV. Will be kept under review.</p> <p>Current action kept under review. Due to the nature of some of the activities, such as vehicles with refrigeration, the technology for these vehicles is not a viable option at present.</p>

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	<p>Keep under review the Council's grey fleet of operational vehicles and look at introducing new electric vehicles for officer use as required, exploring cross unit work</p> <p>Where there are no alternatives to diesel vehicles for Council operations, reduce the lease period to allow for movement to electric as soon as practically possible once the technology is</p>	<p>All units</p> <p>Green Spaces and Amenities</p>	<p>Ongoing</p> <p>Ongoing</p>	<p>Introduction of new electric vehicles</p> <p>As leases are renewed increase electric vehicle usage</p>	<p>The 3G pitch tractor is 2 years old and will be replaced with an electric alternative at the end of contract (another 2 years). Electric van lease being considered, delayed due to the need for a charging point which is currently being looked into.</p> <p>Survey sent to each department to compile a list of EV vehicles, petrol/diesel vehicles, and grey fleet across the council. Results showed: <u>Total EVs:</u> 5 electric cars, 6 electric vans, 1 ATV, 3 e-bikes, 1 hybrid car. <u>Total petrol/ diesel:</u> 0 petrol, Diesel - 8 vans, 1 small van, 1 road sweeper, 29 plant machinery <u>Total Grey Fleet:</u> 86</p> <p>Green Spaces plan for vehicle and machinery replacements includes costed options for EV equivalents where available and will be included in future bids for capital funding.</p>

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	<p>available and the business case is viable</p> <p>Replace parks equipment with electric alternatives as they become available</p> <p>Investigate the option to introduce an Electric Car Leasing Scheme for Council employees to encourage staff to switch to electric vehicles</p>	<p>Green Spaces and Amenities</p> <p>Finance and Property/Human Resources</p>	<p>Ongoing</p> <p>December 2022</p>	<p>Increase over time the amount of electric equipment in operation</p> <p>Appraisal carried out and recommendations made</p>	<p>Streetscene purchased electric ride-on Scrubber Drier in April 2023, replacing current petrol one. It was purchased from a local Burnley company.</p> <p>All small horticultural machinery is now electric. Also reduced the amount of vehicles needed through no mow areas – reduced number of tractors from 4 to 3, and ride-on mowers from 7 to 4. Also got rid of 2 vans and acquired 3 electric bikes.</p> <p>This scheme has been put on hold due to complications over the financing. The work will be picked up again in 2023 and concluded.</p>
Objective 1B - support and improve sustainable transport provision					
i - ensure new development is sustainably located appropriate to its nature and scale	Implement Local Plan policies requiring and supporting sustainable locations and travel (Policy SP4, IC1 and IC2)	Planning service	Ongoing		The Local Plan (Sustainable Travel Policy SP4 and IC1) aims to provide employment and new housing close to local services to reduce the need to travel, improve public transport infrastructure and usage, and ensure

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	Ensure that maximum benefit is achieved through developer contributions on new development to contribute to sustainable transport methods	Planning service/Green Spaces and Amenities	Ongoing	Monitor S106 agreements and amounts received and spent	<p>new development is accessible by public transport, walking and cycling.</p> <p>As reported in the AMR, in 2021/22 there were two schemes that met the threshold to provide a Travel Plan and did so (FUL/2021/0135 and FUL/2021/0029).</p> <p>An outline application for employment development (OUT/2020/0366) will provide £300,000 to improve the frequency of bus services at Accrington Road, Hapton.</p> <p>The Barratt housing development (FUL/2021/0273 Approved 13 Oct 2022) was accompanied by a specific air quality assessment. It required a contribution towards an upgrade to the nearby junction to assist with traffic flow and one to improve bus stops.</p>
ii - improve the footpath, cycling and riding	Work with partners to implement the Lancashire Cycling and Walking Improvement Plan	Green Spaces and Amenities, Planning Policy	Ongoing	Funding awards received	The Burnley & Pendle LCWIP is still in development, proposals have been submitted to LCC. The network plan and

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infrastructure and its use	(LCWIP) seeking opportunities to develop better links to sustainable transport infrastructure and identify funding opportunities for new projects				<p>draft report will be prepared for consultation by June.</p> <p>£50m Levelling Up Fund has been secured for East Lancashire including Burnley. The bid focuses on three themes:</p> <p><u>Liveable Neighbourhoods</u> – making residential areas safer for walking and cycling and making neighbourhoods more attractive by connecting places through greener walking and cycling routes.</p> <p><u>Public Transport Service Improvements</u> – upgrading public transport facilities, and reducing journey times to work, training and education.</p> <p><u>Active Travel</u> – improving walking and cycling facilities, connecting residential areas with places of employment, shops and leisure facilities - all helping to improve the health and well-being of local people.</p> <p>Also working on the cycling network for Burnley, Greenspaces are currently replacing 14 cycling network signs. A</p>

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	Maximise funding for sustainable transport links through planning obligations attached to planning permissions	Green Spaces and Amenities/ Planning Services	Ongoing	Monitor S106 agreements, amounts received and spent	map with cycling routes will be accessible via a QR code. Application OUT/2020/0366 approved Sept. 2022. £300k public transport improvements Application FUL/2021/0273 approved October 2022. £70k for road junction improvements and £20k bus stop improvements.
	Implement Local Plan policies requiring and supporting the use and provision of sustainable travel (Policy SP4, IC1 and IC2)	Planning Services	Ongoing	Monitor the location of new housing development.	Application FUL/2021/0264 approved March 2022. Improvements to pedestrian road crossing secured through condition. Application FUL/2022/0023 approved August 2022. Improvements to pedestrian road crossing secured through condition. Application FUL/2021/0135 approved August 2021. Footpath link secured through condition.

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	Input into Lancashire County Council plans including the local transport plan and cycling and walking strategies	Planning Services/Green Spaces and Amenities	Ongoing	Plans updated and adopted	As reported in the AMR , in 2021/22 there were two schemes that met the threshold to provide a Travel Plan and did so (FUL/2021/0135 and FUL/2021/0029). Involved through LCWIP. 'Beat the street' initiative is being run again in 2023 by Burnley Borough Council and partners, to encourage people to walk or cycle more, with the chance to win prizes.
iii. increase the use of public transport services in favour of the car	Work with the Economic Recovery and Growth Board to lobby for increased train services on the Blackburn-Burnley-Manchester line.	Economy and Growth	Ongoing		Network Rail commenced feasibility studies in February 2023 to investigate journey time improvements and increased capacity.
	Work with neighbouring local authorities, Lancashire County Council, and the Lancashire Enterprise Partnership, to	Economy and Growth	Ongoing		Work has been cancelled. Remove action from plan.

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	promote electrification of the rail line from Preston, through Pennine Lancashire, into West Yorkshire and Greater Manchester, as an alternative to the M62 and Northern Powerhouse Rail Corridors				
Theme 2 - Emissions from use and occupation of buildings					
Objective 2 - achieve higher standards of energy efficiency in new and existing buildings					
i - support and encourage high energy efficient standards in new buildings	Implement Local Plan policies encouraging high standards of energy efficiency in new buildings	Planning Service	Ongoing	Monitor renewable energy installations for major developments	Major applications that have gone beyond current building regulation requirements: <u>Calico Schemes</u> FUL/2022/0023 FUL/2021/0659 <u>Residential Schemes</u> FUL/2021/0273 FUL/2021/0274 Ful/2020/0321 FUL/2021/0135 BREEAM very good rating for non-residential buildings

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	Review Developer Contributions SPD to take account of increased construction costs due to proposed uplift in national building regulations, biodiversity net gain and any other new statutory requirements	Planning Service	March 2023	Review undertaken and SPD amended	Employment development at Accrington Road (OUT/2020/0366). SPD in place will be reviewed as appropriate
ii - implement national changes to the building regulations and the future homes standard	Implement changes to Building Regulations as they are introduced. Communicate and provide advice on the changes to applicants and stakeholders	Building Control Service	Expected: - B Regs 2022 - Future Homes Standard 2025	Timescales depend on implementation date of national changes	Building Control have been enforcing revised part L guidance on all new schemes submitted since 15th June 2022. Prior to the changes being enacted local agents and architects were provided with an LABC approved guidance document on how to show practical compliance with the enhanced thermal efficiency standards. On site, builders are being introduced to the new standards as schemes covered by the revised regulations come on-line. From

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					June 2023 all developments will comply with these standards.
iii – promote, facilitate, and enforce higher energy efficiency standards in the private rented sector	Complete the Minimum Energy Efficiency Programme (MEES) in the private rented sector and ensure all properties are achieving at least an EPC rating of E	Housing Service	Ongoing	All private rented sector properties have an EPC rating of at least E. Enforcement action is taken against all those properties that do not comply	Project completed between September 2021 and March 2022. 3,235 domestic properties identified as having an F or G EPC. 362 domestic properties identified as being privately rented with an F or G EPC. 441 owners sent a letter. 182 properties have been improved to an EPC of E or above (as of April 2022). 102 properties exempt from EPC requirements due to being family homes/ RSL/ owner occupied. 1 owner served with £5000 penalty notice. 45 remaining open cases under review.
	Incorporate housing legislation on MEES into the housing disrepair service	Housing Service	July 2022	All officers trained and standards implemented into work programme	Completed/ implemented. Procedures in place to check the BEIS database and EPC register periodically for any privately rented properties with a recently lodged EPC of F or G.
	Review the code of practice for Landlord Accreditation to explore	Housing Service	April 2023	Code reviewed and updated	Reviewed 26/01/23. Code will be revised so that to meet Gold Standard

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	<p>options to increase the level of energy efficiency required</p> <p>Consult on and redesignate selective licensing areas where appropriate to continue to improve the standard of properties in the private rented sector</p>	Housing Service	March 2022	<p>March 2022 - Burnley Wood, Leyland Road</p> <p>November 2024 - Gannow, Queensgate, Trinity and Daneshouse</p>	<p>Accreditation, the property must be EPC C or above.</p> <p>The Burnley Wood with Healey Wood and Leyland Road selective licensing areas were consulted upon and submitted to the Secretary of State for confirmation. The Secretary of State confirmed the areas which came into force in July 2022.</p> <p>The Gannow, Queensgate, Trinity and Daneshouse with Stonelyholme selective licensing areas are now in their 3rd year and are due to end in November 2024. The interim report for these areas is published on the Council's website.</p>
	<p>Keep the ward analysis programme under annual review to assess whether any new licensing areas require further investigation based on data</p>	Housing Service	Ongoing	Carry out annual review	<p>Building Research Establishment have been appointed to complete a Borough wide stock modelling exercise. This modelling exercise is due to complete by the end of June 2023.</p>

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iv – promote and facilitate higher energy efficiency standards in owner occupied properties	Working through the Cosy Homes in Lancashire partnership promote energy efficiency improvements to owner occupiers throughout the borough	Housing Service - Home Improvement Agency	Ongoing	Monitor annually the number of homes in the borough that have taken up measures through CHiL.	<p>Through the CHiL partnership we secured £27.25 million across Lancashire to install large scale energy efficiency improvements to properties. For Burnley, this funding helped 358 properties with 606 measures installed.</p> <p>The Council through the CHiL partnership are currently delivering Home Upgrade Grant round 1 (HUG 1). Targeting properties that do not have a gas supply.</p> <p>Affordable Warmth Scheme: 3 boiler replacements with an additional 16 committed for completion. 7 boiler Services have been completed. 2 draught proofing measures completed. 2 floor coverings completed. 67 winter packs given out. 48 CO2 monitors given out 31 properties have had LED bulbs fitted. 2 heaters given out for emergencies. Central heating due to be installed in 10 properties which currently have no central heating.</p>

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	Introduce a Residential Extensions SPD (Design Guide) to inform planning applications and permissions	Planning Service	July 2022	Design guide in operation	<p>Heating Rebate Grants Grant offered by the Council to replace an inefficient or broken central heating system, or for installing a heating system for the first time. Owner occupiers living in the borough of Burnley can receive £400 for a property that already has gas central heating. If the property has never had a central heating system, there is a grant of £1000 towards the cost of central heating. For the financial year to 2022/23: 80 residents received a £400 grant and 10 residents a £1000 grant.</p> <p>Completed, design guide introduced in October 2022.</p>
v – work in partnership with register housing providers to	Work with housing association partners to maximise the funding available through the Green Homes Grant and other funding	Housing Service/Register Providers – Calico Housing Association	Ongoing	Monitor level of funding received, and properties improved	Calico are in the process of developing their Sustainability and Environment Strategy. Burnley College consultants did the impact mapping. They've set their

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maximise the energy efficiency of their existing dwellings	<p>streams to contribute to retrofit programmes for their stock</p> <p>Work with housing association developer partners to facilitate and promote the move to carbon ready and carbon zero homes on new affordable housing developments</p>	Housing Services/Registered Providers - Calico Housing Association	Ongoing	Number of homes developed at net zero and carbon ready	<p>objectives and mapped projects, with a net zero target of 2040. Currently investigating decarbonisation and retrofitting, biodiversity with their green team, waste management, and fleet.</p> <p>For Calico Homes new build properties are achieving an EPC A. Ongoing programme of work to raise all existing assets to EPC C, in line with the Future Homes Standard 2025.</p>
vi - ensure the council's property portfolio has high energy efficiency standards	Produce individual building surveys to assess scope for improving EPC ratings of properties owned by the Council	Property Services/Liberata	September 2022	Review of EPC ratings and improvements implemented	EPCs or Heat Decarbonisation Plans (HDPs) have been carried out on all operational buildings, and non-operational buildings as appropriate. HDPs and energy audits have taken place at some locations to identify areas for energy efficiency improvements. Tender exercise for costings of improvements is planned before the next Public Sector Decarbonisation Scheme funding

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	Implement new measures to ensure the efficient use of crematorium services	Green Spaces and Amenities	July 2022	Policy introduced and operational	becomes available – expected in Autumn 2023. Re-roofing and improved insulation to crematorium has been undertaken. More efficient heating system in operation.
	Record and track energy usage across the Council’s business operations and establish a baseline to monitoring progress	Audit	June 2022	Process in place and baseline established	Using the LGA Greenhouse Gas Accounting Tool, baseline has been established and council's carbon budget has been produced. Council's emissions will be recorded and monitored annually to ensure council is staying on track with their carbon budget. Emissions data will be used to identify highest areas of emissions within the council and target key areas of work needed to reach net zero.
	Carry out a desk top study and structural surveys where appropriate to assess the suitability of roof structures for	Liberata	September 2022	Study produced and surveys done with options identified	Ties into work being done with Heat Decarbonisation Plans (HDPs). Currently awaiting report on feasibility of locations and costs for PV panels. LED lighting has

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	the installation of Solar Panels on Council owned buildings				been completed at the Town Hall, looking to expand this across the council's property portfolio.
vii - ensure projects supported by the council promote high energy efficiency standards	Work with operators to review café leases to include climate change initiatives and methods of operation focusing on waste management, supply chains and use of materials	Green Spaces and Amenities	Ongoing	Lease updated as reviewed	Currently specifying that any repairs and maintenance must be the most energy efficient options, not the cheapest e.g., replace old lights with LEDs, and when appliances need replacing, use most energy efficient options available. All leisure hospitality sites have embedded sustainable waste management throughout, waste oil is collected and recycled for biofuel, and waste food is collected for composting and fertiliser. Plastic packaging is kept to a minimum, no plastic is used for takeaways. First in the UK to begin using 'ButterflyCups' that remove the need for straws or lids and are plastic-free, recyclable and biodegradable. Council park kiosks/cafes - Contracts specify no single-use plastics are to be used.

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	<p>Appoint a Sustainability Officer to co-ordinate the work of the Council, strengthen our work with partners and monitor our climate emergency commitments</p> <p>Carry out an independently accredited carbon literacy programme for all Council employees and appoint carbon champions</p>	<p>Human Resources/Housing Service</p> <p>All units</p>	<p>September 2022</p> <p>July 2022</p>	<p>Post filled and work programme agreed</p> <p>All employees trained and carbon champions appointed</p>	<p>Completed – Climate Change Officer appointed</p> <p>Achieved Bronze Award and working towards Silver Award with at least 15% of staff trained (aiming to achieve this by September 2023). Carbon champions appointed across service areas. All heads of service and senior managers have completed Carbon Literacy Training. Implementing a programme of Train the Trainer to roll out Carbon Literacy Training across the council through the carbon champions.</p>
viii - maximise the use of energy from renewable and low carbon sources and	Explore the options for the use of renewable energy suppliers for electricity and bio-diesel for vehicles and machinery where	Liberata/All units	End of March/ early April 2023	Review carried out and initial findings produced	Not changed yet, contract with Crown Commercial Frameworks up for renewal end of March 23. 10-15% of energy from CCF is from renewables currently. New energy packages are being launched end

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for council operations	electric alternatives are not available				<p>of Feb, considering best package for % of renewables and cost to start in April. Considering highest % of renewable energy possible.</p> <p>When Biodiesel was investigated with local suppliers, it was found to contain palm oil derivatives, which has biodiversity downsides and so requires further investigation.</p>
Theme 3 - Emissions from the use and manufacture of products and materials					
Objective 3A - reduce energy use in construction, manufacturing, and business operations					
i - encourage and promote the use of low energy equipment and materials	Work with the East Lancashire Chamber of Commerce and University of Central Lancashire to promote and deliver the Green Principles Grant Programme targeting SMEs to encourage the introduction of low carbon business operations.	Economy and Growth	Ongoing to March 2025	Grant programme fully allocated with examples of best practice identified	UK SPF funding agreed for East Lancs Chamber to deliver a Net Zero Decarbonisation Programme. This is a pan-Lancashire collaboration that will be delivered by East Lancashire Chamber and their Low Carbon Team in conjunction with UCLAN and the Advanced Manufacturing Research Centre (AMRC). This will provide a package of support to firms with the highest carbon footprint, analysing

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	Work with partners to support the development of the Low Carbon Accelerator Pilot.	Economy and Growth	March 2025	Best practice examples identified	environmental impact and will include initial analysis, baseline support, best practice support and in-depth decarbonisation planning and net zero future proofing covering interventions. Will support 150 businesses, resulting in 90 decarbonisation programmes. This is a support programme, not grants. Working with Chamber of Commerce to develop low carbon businesses accelerator/incubator. Initial concept and ideas developed, next step requires capital and revenue funding. Timescale delayed to 2025 subject to suitable funding being available.
	Work with the East Lancashire Chamber of Commerce Low Carbon Technologies Business Support and Skills Academy to promote carbon reduction operations and initiatives	Economy and Growth	Completed	Best practice examples identified	Completed December 2022 – funded for 12 months.

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	Work with Growth Lancashire to deliver a grant programme to incentivise investment in low energy equipment	Economy and Growth	Completed	Grant programme fully allocated with examples of best practice identified	The Community Renewal Fund Grant programme completed December 2022. Businesses were able to apply for grants for a range of business investments, which included low carbon investment.
	Encourage and support the reuse of existing buildings to accommodate new residential and employment uses	Planning Services/Economy and Growth	Ongoing		<p>The Council have worked pro-actively with developers and partners to reuse and repurpose a range of vacant buildings for current uses.</p> <p>The Council is delivering a number of programmes to actively support the re-use of existing buildings. In Padiham Town Centre, the Council has brought back into use 8 vacant or underutilised retail buildings for retail, office and residential use. The upper floor of Padiham Town Hall has been re-purposed into high quality managed offices and co-workspaces.</p> <p>In Burnley Town Centre the Council is working with property owners to bring</p>

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	Support and encourage the reuse of demolition material through local plan policies	Planning Services/Economy and Growth	Ongoing		<p>vacant and under-utilised premises back into use for retail, offices, residential and cultural uses. The Council has acquired a heritage building for re-use as a cultural hub and artists studios.</p> <p>The Council is currently investing over £12m in bringing the derelict Newtown Mill back into use for the expansion of the University of Central Lancashire.</p> <p>In progress – limited control regarding demolition</p>
ii – maximise the number of empty homes brought back in to use	Return a minimum of 90 empty homes back in to use through direct intervention from the Council	Housing Services	Ongoing	Number of homes brought back in to use – target 90 per year	106 properties were brought back in to use in 2022, and 12 acquisitions were made.
	Work with Calico to deliver future phases of their empty homes programme assisting with communication and compulsory purchase	Housing Services/Registered Providers	Ongoing	Number of homes purchased and renovated each year	Calico have returned into use 35 empty homes this year making a total of 170 for the programme since 2019. 2023/24 phase is approved and in preparation to deal with 35 more empty properties.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
Objective 3B – increase recycling and the use of low embodied energy products					
i - ensure high standards of energy efficiency in the Council's purchasing of equipment, materials and services	Require a carbon reduction statement in all tenders for works above £5,000	Legal and Democracy	Ongoing from March 2023	Tender documents amended and issued as standard	This action has been included in the new Procurement Strategy that was approved in Feb 2023. It is being implemented this year with suppliers, where appropriate.
ii - Promote and facilitate an increase in recycling and reusing of products and materials	Carry out a pro-active communications programme for "Reduce, Reuse, Recycle" to positively promote changes in behaviour	Streetscene	December 2022	% of waste recycled	<p>Figures from NI 192 - Percentage household waste sent for reuse, recycling or composting</p> <p>2019/20 = 32.2%</p> <p>2020/21 = 33.3%</p> <p>2021/22 = 32.2%</p> <p>2022/23 = Not yet available</p> <p>Comms strategy due to be updated when new Government Waste Strategy is published.</p> <p>A reduced charge for bulky items was introduced during 2022 which saw the amount of bulky waste collection increase by approximately 50%. Since the trial, Burnley's Bulky waste charge</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	<p>Maximise recycling through the household waste collection service by the introduction of more extra capacity bins</p> <p>Review leisure centres and sports facilities to assess options for improved recycling facilities</p>	<p>Streetscene</p> <p>Burnley Leisure</p>	<p>Ongoing</p> <p>March 2023</p>	<p>Monitor the increase in the provision of larger recycling bins. % of waste recycled</p> <p>More recycled material introduced into business operations</p>	<p>has been kept low at only £15 to encourage the use of this service.</p> <p>A review will be carried out later in the year following the publication of the Government Waste Strategy.</p> <p>Recycling being enforced at all facilities. Aiming to use local companies for procurement where possible to reduce emissions.</p>
Theme 4 - Renewable energy					
Objective 4 - increase renewable energy capacity and provision					
i - support and encourage renewable energy provision	Implement Local Plan policies supporting renewable energy provision in new development and supporting stand-alone new renewable energy infrastructure	Planning Services	Ongoing	Number of renewable energy schemes with approval	In 2021, operational and consented renewable energy installations in Burnley had a capacity of 36.1MW. 16MW of this is produced by the Coal Clough wind farm, Long Causeway, Burnley where 24 x 0.4MW turbines

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
					<p>were replaced by 8 x 2MW turbines in 2015. The number of homes powered equivalent using renewable energy is 20,987 (full breakdown in Authority Monitoring Report). This is equivalent to 49.3% of the Boroughs total housing stock being powered by renewable energy.</p> <p>In 2021/2022 no new planning permissions were granted for stand-alone renewable energy projects. It should be noted that many small-scale and domestic renewal energy projects do not require planning permission.</p>
ii – include renewable energy provision in council funded or supported projects	<p>Introduce climate change actions as a standing item at all future partnership board meetings with the waste contract provider</p> <p>Review the specification for the renovation of empty homes to assess the options for including renewable energy products</p>	<p>Streetscene</p> <p>Housing Services</p>	<p>July 2022</p> <p>April 2022</p>	<p>Recorded as a standing item on all agendas</p> <p>Specification reviewed and updated as appropriate</p>	<p>Completed – this has been done</p> <p>Completed: Appointed retrofit assessor who recommends specification for each property under the programme. Achieved an EPC B on a Victorian terrace.</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	iii – work in partnership with housing providers and landlords to introduce renewable energy in their existing dwellings	Housing Services	Ongoing	Number of properties with renewable energy products installed	Ongoing – investigate any incentives for landlords to improve energy efficiency. The housing service is currently working with Warwick University on a piece of work investigating how to best incentivise the private rented sector to retrofit properties.
Theme 5 – Enhance the natural environment					
Objective 5 – protect and increase trees, woodland, meadowland and habitats					
	i - protect trees on development sites or where appropriate require replacement	Planning Service	Ongoing		The Local Plan sets a monitoring indicator for Policy NE2 of the amount of protected open space lost to development. This is measured once planning permission has been granted and the scheme is under construction. 0.033 Hectares of protected open space were lost to development in 2021/22 for COU/2020/0239 - Change of use of land from open space to residential curtilage, at land to the rear of 31-39 Lydgate.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	Introduced new tree preservation orders for suitable trees	Planning Service	Ongoing	Number of additional tree preservation orders issued	<p>Public Open spaces provided under Policy HS4 (for new housing developments) that were approved and completed after 31 July 2018 will also be protected under Policy NE2. No such schemes were completed in 2021/22.</p> <p>NE4 covers the number of approvals for the felling of trees protected by a TPO. The total number of approvals for the felling of trees protected by a TPO in 2021/22 was three.</p> <p>There have been three TPO's made since Feb 2022 two have been confirmed.</p>
ii - maintain trees on council land	The Council to implement the Tree Management Policy	Green Spaces and Amenities	Ongoing	Policy implemented, reviewed and adapted	<p>In place – recently updated, on website. Revising woodland management plan - proposed that over the next 2 years, by April 2025, management plans are developed for 18 Council owned woodlands.</p> <p>Actively managing Ash dieback – Assistant Tree Officer and an apprentice post have been introduced to help work on this project. At risk locations surveyed</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
					and monitored with Red, Amber, Green dots added to trees, amber and red are felled and used for playground woodchips.
iii protect designated sites, and maintain priority habitats and ecological networks	Implement Local Plan Policy NE1 Implement new biodiversity duties in 2021 Environment Act	Planning Services All Units	Ongoing Relevant provisions of Act not yet in force – expected winter 2023	No development approved within or adversely affecting the integrity of national or international sites of county level biological heritage sites. Presence of ecological networks, priority habitats and protected species appropriately addressed in all planning approvals. Statutory net gain for biodiversity incorporated into approvals from 2023/4	As of March 2022, no development has been approved within or adversely affecting the integrity of national or international sites or county level biological heritage sites. Monitoring Biodiversity Net Gain (BNG) target, awaiting further regulations and guidance regarding formal introduction. The planning team consult Greater Manchester Ecology Unit and currently aiming for 10% net gain on all major developments as a starting point,

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
					together with the requirements in Local Plan policy NE1.
iv - require planting of new trees and shrubs on land not in Council ownership	Work with partners to implement the Pennine Lancashire Treescapè programme (PLanT)	Green Spaces and Amenities	September 2022	By September 2022 16,000 trees planted.	18,500 woodland trees planted in 2022, beating the target of 16,000 and creating 45 micro woodlands in Burnley. 9,000 due to be planted in 2023. 'Beat the Streets' initiative will invite participants to plant trees in Autumn 2023 to create 'mini forests'. Trees for Burnley volunteer group plant on council grounds and do a big plant each month of between 500-1000 trees.
	Work with partners to progress the Community Forest initiative and encourage tree planting on private owned land	Green Spaces and Amenities	Ongoing	% of the borough with tree cover	Around 8% of the borough has tree cover currently.
	Implement planning policies requiring landscaping schemes, new and replacement trees and planting to mitigate against	Planning Service	Ongoing		Landscaping schemes form part of most new developments and have a number of benefits – public amenity, ecology and absorption of pollution. An outline permission (OUT/2021/0443 – Barden

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	<p>vehicle emissions and other pollutant</p> <p>Work with the Ribble Rivers Trust to facilitate more tree planting along riverbanks</p>	Green Spaces and Amenities	March 2026	% of the borough with tree cover	<p>Lane) requires off-site woodland planting to mitigate against on-site tree loss and to protect the biodiversity network that is identified on the Policies Map of Burnley's Local Plan (adopted 2018) - see Policy NE1.</p> <p>Ongoing. Around 8% of the borough has tree cover currently.</p>
v – plant new trees and increase wildflower meadows across the borough	Review and implement the Council's rethinking Parks Programme	Green Spaces and Amenities	March 2026		<p>Urban park meadows, less mowing taking place to benefit biodiversity. The Council is managing areas of amenity grassland, which were frequently mown (10 times/year) as meadow, which means that they are cut only once or twice per year and where possible the hay crop is removed which helps to reduce fertility over time and increases biodiversity, reduces CO2 emissions, reduces labour costs and creates more interesting parkland landscapes.</p> <p>A total of 60.7 hectares of open spaces are managed as meadows. Most of which have been mapped.</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	<p>Continue to progress the Council's Meadow Management Programme to increase the areas covered by meadowland and semi natural environments to reduce the need for grass cutting</p> <p>Introduce sustainable forms of floral displays reducing the need for intensive management</p>	<p>Green Spaces and Amenities</p> <p>Green Spaces and Amenities</p>	<p>March 2026</p> <p>Ongoing</p>	<p>% of meadowland monitored and increased</p> <p>Number of displays introduced</p>	<p>83% of meadow locations were surveyed in 2023 and the quality of meadows categorised. Due to the first such survey, there is no comparative data. The next survey will be in 2025.</p> <p>Benefits biodiversity and pollinators. 75 floral meadows have been planted in locations around Burnley. These are non-native wildflowers which are colourful and provide for pollinators.</p>
vii - protect species, priority habitats and wider biodiversity	Protect habitats where possible and ensure that suitable sites are provided for habitat offsets where development results in habitat loss	Planning Services/Green Spaces and Amenities	Ongoing	Record net gain as part of the 2021 Environment Act duties (from 2024)	<p>Some examples. Not an exhaustive list: FUL/2022/0023 – for 61 dwellings for Calico at Kinross Street. Requires some ecology mitigation for on-site loss which is dealt with by condition that requires a scheme of off-setting to achieve net gain to be submitted, agreed and implemented (scheme agreed on Council land adjacent to the development site).</p> <p>An off-site ecology mitigation contribution of £31,590 is required by a</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
					<p>S106 Agreement for Barratts development at Rosendale Road (FUL/2021/0273) – to be used “to enhance grassland habitats suitable for priority breeding farmland birds”.</p> <p>Routinely request Electric Vehicle Charging Points on new developments and porous surfaces to reduce emissions and flood risk.</p> <p>Other local plan policies.</p> <p>SP5 – requires energy efficiency</p> <p>IC3 – EV chargers</p> <p>Climate change policies CC1-CC5</p>
Theme 6 - Flood Risk					
Objective 6A - limit the impacts of flood risk on and from new development					
i - require new developments to be safe from flooding and to not cause or exacerbate	Implement Local Plan policies requiring and supporting the provision of Sustainable Urban Drainage Systems (SUDs)	Planning Services	Ongoing		SUDs are always encouraged in line with the drainage hierarchy. All major applications on greenfield sites will have SUDs.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
flooding issues elsewhere	Maintain and update strategic flood risk assessments as necessary	Planning Services	Ongoing		In progress. This action will be progressed when the council is in receipt of updated flood plans from the Environment Agency.
Objective 6B - protect existing properties and infrastructure from flooding and improve resilience					
i - protect existing properties from current and future flood risk	Support and implement schemes which protect and prepare existing properties for current and future flood risk	Economy and Growth/Housing Services	Ongoing	Action Government schemes as they are made available	40 residential flood grants were paid in 2016/17. 28 residential flood grants in 2020/2021. 5 business flood resilience grants in 2020-21 11 business flood recovery grants in 2020-21 39 business flood resilience grants in 2016-17 37 business flood recovery grants in 2016-17
	Support businesses at risk of flooding to implement strategies and technologies to protect their properties	Economy and Growth/Housing Services	Ongoing	Action Government schemes as they are made available	The Environment Agency, Burnley Borough Council and partners have been working together to develop an ongoing Flood Risk Management Scheme for Padiham, since the 2015 flood. The

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	Encourage greater sign up to Flood Alerts and Emergency Weather Notifications	Policy and Engagement	Ongoing with annual review	More households and businesses engaged	<p>scheme will benefit approx. 150 homes, businesses, public buildings and key infrastructure in central Padiham. It will manage flood risk from the River Calder, Green Brook and surface water. The defences will consist of flood walls and earth embankments. The work will also include additional environmental, biodiversity and amenity improvements. The council advertises the EA Flood Hub information on our website and provides ongoing advice on how to sign up to EA flood alerts. Additional advice during flood events is posted on our website and social media.</p> <p>Ongoing – Information available on the Council website, link to Environment Agency flood risk maps and link to sign up for flood alerts. The Council issue information on social media when there is an amber alert or weather warning. The EA Flood Hub forum provides flooding resilience advice and support.</p>

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	Improve and keep under review information available on the Council's website and social media platforms	Policy and Engagement	Ongoing with annual review	Website updated with annual review undertaken	This is available on the Council's website, and any EA updates are shared. Ongoing - Information is available on the Council's website about what to do before and after flooding. Links to flood maps and alerts are also included.
ii – ensure the Council and partners have an effective emergency planning response	Keep emergency plan under review to ensure it remains flexible to the potential challenges faced by climate change and maximise its effectiveness when deployed.	Streetscene	Ongoing	Annual review undertaken	The Council are part of the Lancashire Resilience Forum and severe weather (includes flooding) is an LRF thematic group. Any flood events are responded to in accordance with our statutory resilience and Emergency Planning requirements.
Theme 7 – Communication and stakeholder engagement					
Objective 7A – adopt an effective communications strategy					
i – Develop a communications plan	Develop a Climate Emergency Communications Plan to provide information and advice to	Policy and Engagement/Housing and DC	In progress	Plan in progress, due to be completed and adopted by the end of 2023	Communications Plan in draft form and due for completion by July 2023.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
	residents, businesses and stakeholders				
Objective 7B – engage with stakeholders					
ii – engage young people	Devise a programme of engagement with the Burnley Youth Forum to establish long term engagement with young people	Policy and Engagement/Housing and DC	December 2022		Initial contact has been made with a variety of youth organisations, this action will be progressed during 2023/24. Information about UK Schools Sustainability Network (UKSSN) circulated to external contacts to encourage any uptake from Burnley schools.
	Explore the opportunities to work with schools and educational facilities on promoting climate change messages	Policy and Engagement/Housing and DC	Ongoing	Engage with youth through social media plan – include targeted posts to youth audience on social media.	This action will be progressed during 2023/24.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
iii – promote best practice and innovation	Seek opportunities through the Council’s work programme to promote climate change awareness and promote best practice	Policy and Engagement/Housing and DC	Ongoing		The Council are currently engaged in a facilitating dialogue between academic, business and community sectors regarding the potential for geothermal energy in the borough.
	Work with Burnley Bondholders to promote examples of low carbon business operations and the development of innovative technologies	Economy and Growth	Ongoing		Green edition of ‘In Business Burnley’ magazine was published after COP26, highlighting low carbon businesses. Businesswise Solutions, a Bondholder, ran a green business event with advice on lowering business’ carbon footprints. Green/Energy Saving Champion category is included at the Above and Beyond Awards to promote and encourage green behaviours. Also, a new Environmental Excellence Award was introduced at the Burnley Business Awards in 2022.
iv – Influence Government and other key organisations to	Lobby Government where possible to provide the necessary statutory support and financial resources to implement the Climate Change Strategy	All units	Ongoing	Level of resources secured	In progress – as and when opportunities arise.

	Actions	Who will lead on this action?	Timescale for delivery	Outputs and milestones	Progress update
support our ambitions	Develop a programme of engagement with key stakeholders to establish and build on existing partnerships	Policy and Engagement	Ongoing	Number of active partnerships	Initial meetings have been held with East Lancashire Chamber of Commerce and Calico Homes. This action will be progressed during 2023/24.

