

BROXBOURNE BOROUGH COUNCIL

SUSTAINABILITY STRATEGY AND ACTION PLAN 2021 – 2025

Action Tracker – February 2023

Successful delivery is unachievable or has not yet started	Delivery is in doubt or not on schedule	Some issues but delivery is probable	Delivery is on track	Delivery is complete
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A SUSTAINABLE COUNCIL

This priority concerns reduction of the Council's own carbon footprint, and setting an example for others in the Borough. The objectives are:

1. Reduce the carbon footprint of Council buildings
2. Reduce the use of petrol and diesel by the Council and minimise emissions
3. Consider sustainability in use of materials and procurement decisions

Objective 1: Reduce the carbon footprint of Council buildings						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG Status
1.1 Undertake Carbon Emissions assessment to develop baseline figures for Scope 1 and Scope 2 emissions.	Sustainability Officer	Initial assessment by 31 October 2021	£25k budget agreed.	The carbon baseline tender was awarded to GEP Environmental Ltd in April 2022. Consumption data of the Council's assets relating to Scope 1 and 2 emissions, as well as business travel were collated and modelled to provide a baseline emissions figure, enabling options to be developed on how the Council	The Carbon Emissions baseline was calculated with the Council producing 2,092.28 tonnes of CO2 in 2019/20. Report going to Cabinet in March 2023.	

				can reach net zero carbon emissions. An action plan is being finalised and will be presented to Cabinet.		
1.2 Undertake audit of carbon emissions per year to measure against baseline figure and track progress against reaching carbon net zero.	Sustainability Officer	Audit conducted Results publicised	Existing	New objective.	2020/21 figure of Scope 1 and Scop2 emissions is 1,469.88 tonnes of CO2 (was 1,712.52 in 2019/20).	
1.3 Secure funding for decarbonisation audits at Council sites.	Director of Place Community Development Manager Sustainability Officer Facilities Manager	Funding secured. Audits commissioned and delivered Action Plans agreed	External Funding S106 Capital programme	New objective.	Report going to Cabinet in March 2023.	
1.4 Establish multi-disciplinary carbon net zero officer group.	Director of Place	Group established	Existing	New objective.	To be established in March 2023.	
1.5 Undertake feasibility assessments to determine the viability of installing renewables across the estate.	Sustainability Officer Facilities Manager	Feasibility study undertaken		New objective.	Dependent on report to Cabinet in March 2023.	
1.6 Increase proportion of gas and electricity supply that are from sustainable sources.	Procurement Officer	At renewal of current energy supplier contract, increase proportion of gas and	Could increase the proportion from sustainable sources but it	The gas and electric contract through the Laser framework expires in September	A benchmarking exercise is being undertaken with	

		<p>electricity that has to be from sustainable sources. [Contract via Laser consortium ends in September 2024].</p> <p>Currently 30.7% of electricity is from sustainable sources.</p> <p>Feasibility study for increased use of Bio-mass boiler at Laura Trott Leisure Centre.</p>	could cost more than the current deal.	2024. The Council can procure more greener electricity through this but the financial implications will need to be explored.	the other Hertfordshire Authorities to look at other frameworks in terms of what they offer and a meeting was held with Laser to discuss green basket options.	
1.7 Reduce waste and increase recycling from Council offices and leisure centres.	<p>Facilities Manager</p> <p>Leisure Centre Manager</p> <p>Strategy and Business Manager for Sport</p>	<p>Higher percentage of waste recycled.</p> <p>Baseline data set in March 2021.</p>	£15k capital for standardising bins / recycling points across all Council facilities.	<p>New bins installed at Bishops College and The Spotlight. This includes both internal and external bins.</p> <p>Leisure sites are awaiting the outcome of the review by the Facilities Manager of the internal recycling bins. Rollout at Leisure Sites will follow.</p> <p>Paper and cardboard</p>	<p>No further developments at CPGC.</p> <p>Rollout at Leisure Centre sites will follow once the review by the Facilities Manager has been completed. This will commence in April 2023</p>	

				recycling is now being undertaken at CPGC.		
1.8 Create Green Wall on the Monarchs Way external wall of the Pavilions Shopping Centre.	Director of Environmental Services Head of Community Infrastructure and Regeneration	Green Wall installed	S106 funding will be requested once a project has been developed.	Fee proposal agreed by Cabinet. Green Wall is part of the LUF bid submitted in July 2022.	Green Wall is part of the successful LUF bid. Options for best location to be reviewed.	
1.9 Deliver programme of climate change training for staff.	Community Development Manager Sustainability Officer Personnel	Climate change e-learning package to be rolled out by Spring 2023	Existing	New objective.	E-learning package being reviewed ahead of roll-out to staff. HCCSP video training shared with Members.	
1.10 Reduce energy usage and waste at Council offices.	Sustainability Officer Communications Manager	Ongoing articles in Staff News in 2023 on how officers can take practical steps to reduce energy consumption and waste	Existing	New objective based on report that went to Environmental Sustainability Panel in October 2022.	Several articles shared in November / December. Will be ongoing throughout the year.	

Objective 2: Reduce the use of petrol and diesel by the Council and minimise emissions						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG Status
2.1 Develop and implement a staff travel plan to reduce car journeys by staff. This may include more use of online conferencing, setting up car sharing and providing bicycles for journeys in-borough – pool bikes for any officer to use, and bicycles allocated to officers in certain roles.	Treasury Insurance Risk Manager Parking Manager Personnel Manager, Sports Development Officer	Undertake review of home working arrangements	Possible capital expenditure for creation of quiet zones for online meetings in Council offices; and for purchase of bikes/e-bikes.	The home working survey did not yield a comprehensive response. However, as a matter of practice most staff have adopted a hybrid model of working.	The option of home working is available to most staff within operational constraints. No further actions are planned at this stage.	
		Reduction in car mileage claims by staff		Although the rate of mileage in private cars on Council business has increased in the current financial year compared to 2020/21 and 2021/22, indications are that we will see a reduction of around 46% compared to pre-pandemic levels (2019/20).	There has been a significant reduction in business mileage claimed. Pre pandemic (19/20) this stood at 38,891 miles. 17,248 miles (20/21) and 17,639 miles (21/22) were claimed in subsequent years. In the year to date (Apr 22 – Jan 23) 12,895 business miles were claimed. The downward trend continues and is likely to be	

					sustained as hybrid working and remote technology options become more embedded.	
		Switch from car to bicycle for growing proportion of in-Borough journeys by officers		Active / Green Travel Survey to be sent to managers and staff in October to collect data on travel patterns and barriers to greener travel to and from work.	Data has been collected and analysed. 121 staff members took part in the survey. Report produced. Recommendations to be considered by CMT in February.	
		Car share scheme in operation		Dependent on above.	Dependent on above.	
		Increase in the number of people traveling by greener modes of transport and/or better perception of these modes of transport by January 2024 measured by staff travel survey.		New objective.	Will be measured in January 2024.	

<p>2.2 Increase proportion of Council fleet journeys, including pool cars, made in electric or hydrogen powered vehicles.</p>	<p>Treasury Insurance Risk Manager Director of Environmental Services</p>	<p>a) Financially viable timetable for replacement of vehicles in place by January 2022 b) Annual reduction in use of fossil fuels by Council fleet c) Electric charging points or hydrogen fuelling points installed for fleet use as required</p>	<p>Capital programme – allocation would be required for fuelling or charging points and for higher upfront costs of vehicles. Depot relocation may influence timescale.</p>	<p>a) Pure electric pool cars have been in place for over a year. It is anticipated that the pool car fleet will go fully electric from 2023/24 when the remaining diesels are returned to the lease company. b) BEST use trackers on fleet vehicles to ensure correct routes taken so no excess mileage, and use dashcams, so supervisors do not need to travel out to site. c) There are no plans to change the fleet used by BEST in advance of depot relocation due to the cost of the infrastructure (EV charging and sub station).</p>	<p>a) The pool car fleet will comprise of 3 electric vehicles and 1 diesel in 2023/24. This will be a reduction of 2 diesel vehicles from the fleet compared to 2022/23. b) No further updates. c) No further updates.</p>	
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2.3 Maximise fuel efficiency and minimise emissions from Council vehicles running on fossil fuels.	Director of Environmental Services	Council vehicles follow procedures to maximise fuel efficiency in operation, avoiding idling if possible for example. Ensure the Council's commercial vehicles are all Euro 6 compliant by 1 March 2021, with smaller vehicles (vans, etc) compliant by 26 October 2021.	Capital requirement to replace vehicles.	No further actions are planned for converting depot fleet vehicles from diesel until BEST have relocated to a new depot, which has appropriate infrastructure for EV charging and the required sub-station to power EV charges.	There are no plans to change from a diesel refuse fleet until the Council (BEST) have moved depot, due to the cost of infrastructure for charging, sub-station, etc.	
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Objective 3: Consider sustainability in use of materials and procurement decisions						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
3.1 Reduce office paper usage by greater use of technology and development to sustained home working.	All heads of service Communications Manager	Reduction in amount of paper purchased. In 2019/20 a total of £17,733 was spent across the Council.	Existing	Spend on paper in 2020/21 was £4k. 2021/22 figures not yet available.	£9,860 spent on paper in 2021/22. Increase compared to 2020/21 as a result of the return to working in the office. New software (Concerto) for Property and	

					Facilities will allow compliance works to be managed online to save paper.	
3.2 Purchase locally produced goods where possible and in compliance with financial regulations to secure value for money. Include a scoring criteria for locality/distance/environmental sustainability within the evaluation model for procurement of goods and services.	Assistant Director (Resources) Procurement Officer	<ul style="list-style-type: none"> a) Local providers of goods and services purchased by the Council identified by March 2021 and circulated to purchasing managers b) Evidence of purchases made from new local suppliers c) Explore 'inclusive growth' concept of social value in procurement 	Existing	<p>Changes to the contract standing thresholds now request that at least one local supplier be invited to quote / tender where applicable. A formal method of measuring that this is done needs to be worked up and how the Council manage how local suppliers are selected to ensure equality. Work is being done jointly through the Supply Hertfordshire procurement group to look at this.</p> <p>A procurement strategy is also being developed which will look at and specify clearly how social value and sustainability</p>	Changes to the contract standing thresholds now request that at least one local supplier be invited to quote / tender where applicable. A formal method of measuring that this is done needs to be worked up and how the Council manage how local suppliers are selected to ensure equality. Work is being done jointly through the Supply Hertfordshire procurement group to look at this.	

				will be incorporated into tendering and evaluations.	A procurement strategy is also being developed which will look at and specify clearly how social value and sustainability will be incorporated into tendering and evaluations. It is hoped a draft strategy will be ready by March 2023.	
3.3 Take account of sustainability in procurement of goods, including whole life and disposal costs, and favour renewable or recycled materials. . Include a scoring criteria for locality/distance/environmental sustainability within the evaluation model for procurement of goods and services.	Assistant Director (Resources) Procurement Officer Waste & Street Scene Manager	a) Procurement guidance and training modified for purchasing managers to ensure sustainability is taken into account, including whole life and disposal costs for goods, and sustainability practices of tenderers to	Existing	a) The procurement strategy being developed will look at how sustainability can be incorporated and measured in tenders. b) Moving to china rather than paper cups for meetings. The limited number of paper cups used are compostable. c) No developments.	a) The procurement strategy being developed will look at how sustainability can be incorporated and measured in tenders. b) c) – Farmers' market traders have been contacted and they have confirm that they are	

		<p>provide services.</p> <p>b) Evidence of sustainability taken into account in purchasing.</p> <p>c) Seek locally sourced market offerings e.g. Farmers Markets and other local producers.</p> <p>d) Subject to affordability, introduce requirements to purchase commodities from Fair Trade sources to all contracts to provide food and beverages at Council facilities</p>		<p>d) All coffee machines supplied with Fairtrade coffee.</p>	<p>unwilling to attend the markets, as it is not viable to attend due to the volume of footfall.</p> <p>d)</p>	
<p>3.4 Increase use of environmentally friendly cleaning products in Council buildings, subject to sanitisation requirements arising from COVID-19 epidemic.</p>	<p>Facilities Manager, Leisure Centres Manager, Strategy and Business Manager (Sport)</p>	<p>Subject to affordability, evidence of increased use of cleaning products that do not contain environmentally harmful</p>	<p>Existing</p>	<p>Tersano installed which reduces the use of a significant percentage of cleaning chemicals.</p> <p>The Leisure Sites continue to look at</p>	<p>The current cost of environmentally friendly cleaning products continues to be a barrier.</p>	

		<p>ingredients such as bleach.</p>		<p>introducing environmentally friendly chemicals but have to balance the cost.</p> <p>Clenzair active air filtration systems installed at Laura Trott Leisure Centre and John Warner Sports Centre. This system kills viruses and bacteria without the need to disinfect using traditional methods. The new active filtration system can neutralize a virus or bacteria suspended in the air or on any surface in the room. In addition to neutralizing both surface and airborne bacteria, viruses including COVID-19, MRSA, Bird Flu, Swine Flu, SARS and Ebola.</p>	<p>New Tersano system installed at Bishops College to reduce chemical use and promote environmentally friendly cleaning.</p>	
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A GREENER BROXBOURNE

This priority deals with protecting and enhancing the Borough's environment, tackling air pollution and providing more greenery to help offset carbon emissions and add to the enjoyment of residents. The objectives are:

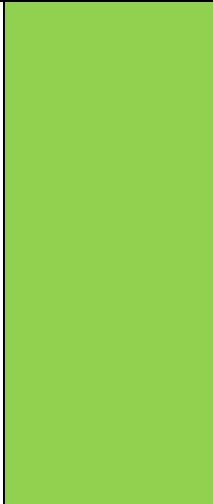
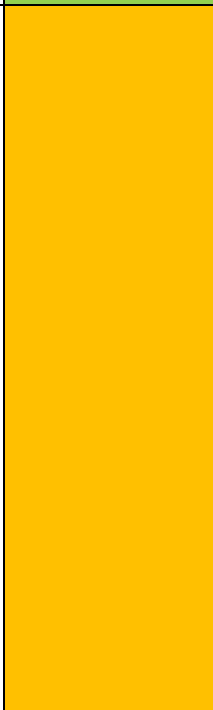
4. Take action to improve air quality
5. Protect and enhance biodiversity
6. Carry out a tree and greenery planting programme

Objective 4: Take action to improve air quality						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
4.1 Implement an Air Quality Management Plan for the Borough's four Air Quality Management Areas.	Head of Environmental Health and Licencing	a) Complete Air Quality Management Plan for the Borough's Air Quality Management Areas (AQMA). b) Milestones in the Plan are met.	Government funding is being sought for improvement works.	Environmental Health are currently reviewing the air quality measures in place around the Borough. The draft Air Quality Action Plan produced by Bureau Veritas is expected in late 2022.	Environmental Health are continuing to develop the Council's Air Quality Action plan assisted by consultants (Bureau Veritas).	
4.2 Implement road junction improvements on the A10 as described in the Infrastructure Delivery Plan in the new Local Plan.	Head of Community Infrastructure and Regeneration Hertfordshire County Council	Junction improvements completed within 3-5 years at: a) A10 with A121 and B198, Waltham Cross	Subject to availability of s106 funding, possible Growth Deal funding, other sources of external funding and project	HCC are waiting on a fee proposal from WSP to develop a Strategic Outline Business Case (SOBC) for the project.	Agreed to contribute £150k to enable HCC to proceed with a SOBC for a Major Road Network bid to the Department for Transport.	

		<p>b) A10 and College Rd, Cheshunt</p> <p>c) A10 and Church Lane, Cheshunt</p>	management capacity.		Work continues to deadline for SOBC – Summer 2023.	
4.3 In the programme to increase the number of trees in the Borough (see Objective 6) give priority to areas affected by poor air quality.	Director of Environmental Services	Evidence of planting on Council land near areas of poor air quality, e.g. parts of Waltham Cross.	A budget for tree planting has been established.	Funding for the next phase of tree planting for the winter of 2022/23 is currently being confirmed.	<p>Since 2020 4,475 trees have been planted.</p> <p>During the Winter of 2022/23 a further 2,048 trees will be planted, meaning that 6,525 trees will have been planted by the end of 2022/23.</p> <p>A further 5,000 additional trees (whips) will be planted during 2023/24, which will achieve the corporate target of planting over 10,000 trees.</p>	
4.4 Continue to monitor air pollution regularly and take appropriate action on the results in	Head of Environmental Health and Licencing	<p>a) Monthly air pollution monitoring.</p> <p>b) Annual return to DEFRA.</p>	Existing	On-going.	Ongoing regular tube sampling to monitor Air	

accordance with guidance from DEFRA.					Quality on the District.	
4.5 Ensure that up-to-date warnings about poor air quality are available to residents.	Head of Environmental Health and Licencing, Communications Manager	Link to air quality alerts is made available via the Council's website (in place). Increase number of residents subscribing to air quality alerts (36 as of 10/22)	Existing	On-going.	There are regular text alerts. Still continuing to raise the profile of this service via Communications.	
4.6 Reduce idling outside schools.	Head of Environmental Health and Licencing	Deliver anti-idling programmes at schools within the Borough, including with HCC and around Clean Air Day	Existing	New objective	Partnership working with HCC and a school near an AQMA to encourage parents to switch off their engines when not in use (not to idle).	
4.7 Participate in Clean Air Day, to promote awareness of air pollution and encourage residents to join the Council in taking action to reduce it.	Communications Manager, Head of Environmental Health and Licencing	Greater engagement with Social Media	Existing	Clean Air Day – event held on 16 June 2022 at St Mary's High School to advise parents on the effects of idling. Accompanied by social media campaign before and after.	The Council will support Clean Air Day in June 2023.	

Objective 5: Protect and enhance biodiversity						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
<p>5.1 Implement the new Local Plan, including commitments to minimise the impact of developments on current wildlife habitats and to enhance biodiversity.</p> <p>Check the extent to which new developments are adopting the toughest Building Regulation water efficiency target of 110 litres per household per day and for non-residential development to achieve a rating of BREEAM (Building Research Establishment Environmental Assessment Method) excellent for water efficiency.</p>	<p>Assistant Director of Place, Head of the Broxbourne Development Programme.</p>	<p>Evidence that biodiversity net gain is considered in determination of all planning applications and in Council's own plans for new footpaths and cycle paths. Policy NEB1 states "Development proposals should result in net gains to biodiversity wherever possible."</p> <p>Evidence of work with developers to include environmental sustainability concepts in new developments e.g. solar panels, electric car charging points, on-site recycling facilities, cycle storage, cool roofs and pavements, permeable road surfaces etc.</p>	<p>Existing</p>	<p>Local Plan Policy NEB1 adopted; considering potential for a strategic approach to habitat enrichment at Council-owned informal open spaces.</p>	<p>Local Plan policy is being applied to relevant planning applications. Developments are being refused in instances where biodiversity Net Gain has not been maximised.</p> <p>Options for additional sustainability guidance are being considered.</p>	

<p>5.2 Continue environmental stewardship programme in Cheshunt Park.</p>	<p>Green Spaces Manager</p>	<p>a) Continued grazing by a traditional breed of Longhorn cattle b) Continued grassland management and hedge restoration</p>	<p>Existing</p>	<p>Extension for 2022 confirmed. A large area of the grass, fencing and hedgerows were damaged following the grassland fire in July 2022. Replacement fencing and hedgerow planting will be required.</p>	<p>Extension until May 2028 confirmed.</p>	
<p>5.3 Continue land management to support bees and other pollinators.</p>	<p>Green Spaces Manager</p>	<p>a) Increased habitats for bees and other pollinators b) Increase plantings to attract pollinators c) Minimise use of pesticides, avoiding neonicotinoids completely. d) Beehives introduced to at least one park or open space. e) Explore potential for cemeteries to act as havens for wildlife.</p>	<p>Beehives may require funding</p>	<p>a) Report not expected until Autumn 2022. b) Majority of planting at Cedars/Barclay Park survived the exceptionally dry summer. Any replacement planting will be undertaken in the winter. c) No change d) Replacement Beehives are doing well at Cedars. e) Not yet started.</p>	<p>a) Report not expected until Spring 2023. b) Majority of planting at Cedars/Barclay Park survived the exceptionally dry summer. Any replacement planting will be undertaken in the winter. c) No change d) Replacement Beehives are doing well at Cedars.</p>	

					e) Not yet started.	
5.4 Provide information to residents about local flora and fauna to encourage them to support protection of local biodiversity.	Green Spaces Manager, Communications Manager, Community Development Manager, Herts & Middlesex Wildlife Trust, Lee Valley Regional Park Authority	a) Information available on Council website by October 2021 along with social media posts. b) Walk leaders identify natural features of interest when leading guided walks.	Existing	Information added to website. Article appeared in <i>Our Broxbourne</i> (Summer 2021). Walk leaders have been trained to point out natural points of interest. Events held in September 2022 in Cheshunt and Broxbourne as part of Great Big Green Week.	No further developments.	
5.5 Provide advice to residents on how they can support biodiversity in their own gardens.	Green Spaces Manager, Communications Manager,	Information available on Council website by October 2021, and a feature in <i>Our Broxbourne summer 2021</i> issue.	Existing	100 packets of seeds given away as part of campaign. Seeds chosen to support pollinators. Information published on importance of wild pollinators. Broxbourne in Bloom contained category for gardens that champion sustainability.	Plans to repeat this initiative in Spring 2023.	

5.6 Encourage composting by residents.	Green Spaces Manager, Communications Manager,	Information available on Council website, social media channels and in <i>Our Broxbourne magazine</i>	Existing	Composting article in winter 2022 edition of <i>Our Broxbourne</i> .	No further developments.	
5.7 Review potential to expand introduction of retrofitted Sustainable Urban Drainage Systems (SUDS) on Council land to reduce surface water flooding, improve water quality and enhance the amenity and biodiversity value of the environment.	Assistant Director (Place)	Establish mechanisms for review in conjunction with Hertfordshire Climate Change and Sustainability Partnership water sub-group and neighbouring authorities. Delivery of SUDS where appropriate on Council land subject to affordability.	Existing Joint procurement with other Hertfordshire authorities	Conversations taking place with HCC on site-by-site basis.	No further developments.	
5.8 Development of sustainability checklist as part of planning application validation.	Assistant Director (Place) DM Manager	To be in place by Spring 2023.	Existing	New objective.	In development.	
5.9 Follow best practice in addressing urban heat island impacts in town centres.	Sustainability Officer	Follow best practice guidance in undertaking any town centre greening and resurfacing projects to address the UHI	Existing	New objective taken from Hoddesdon Town Centre Strategy.	To be developed by new Sustainability Officer in 2023.	

Objective 6: Carry out a tree and greenery planting programme						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
6.1 Submit a bid for funding from the Government's Urban Tree Challenge Fund (UTCf).	Green Spaces Manager	Bid submitted by end of June 2020.	Existing	Two new bids submitted to UTCf in 2022/23 and one bid submitted to Local Authority Treescapes Fund through a joint Countywide bid with HCC (pending outcome).	Both bids successful and planting being carried out in January 2023.	
6.2 Implement a tree and greenery planting programme to achieve a significant increase in green cover in the Borough.	Green Spaces Manager	<p>A net increase of 10,000 trees on Council land by 2024 and an improvement in quality and diversity of young trees.</p> <p>All trees planted to be of local provenance where possible.</p> <p>Use of environmentally friendly methods to protect young trees that limits use of plastic and minimises waste.</p>	£60k funding from s.106	<p>Phase 4 (Winter 2022) - 2,024 trees to be planted (subject to budget).</p> <p>First phase of Queen's Green Canopy to be two mature trees at Cedars Park and Jubilee Gardens, planted in February 2022.</p>	<p>Since 2020 4,475 trees have been planted.</p> <p>During the Winter of 2022 a further 2,048 trees will be planted, meaning that 6,525 trees will have been planted by end of 2022/23.</p> <p>A further 5,000 additional trees (whips) will be planted during 2023/24, which</p>	

					will achieve the corporate target of planting over 10,000 trees.	
6.3 Engage with local public sector and charitable landowners and with schools to encourage planting of trees and greenery on their land, and provide advice if required.	Green Spaces Manager Community Development Manager Sustainability Officer.	Evidence of more trees and greenery planted by others in the Borough.	Existing	During 2022, two trees were planted to celebrate the Queen's Green Canopy. One tree was planted in Cedars Park and a second was planted in the Spinning Wheel. Broxbourne has signed up to be part of the HCC Tree Giveaway which will give 100,000 trees to Hertfordshire residents and businesses.	Broxbourne was part of the HCC Tree Giveaway which will give 100,000 trees to Hertfordshire residents and businesses. All of Broxbourne's phase one trees were allocated and distributed to residents.	
6.4 Add colour to town centres, parks and roundabouts by planting more flowers and flowering shrubs.	Green Spaces Manager	Develop planting programme to improve visual evidence of flowers and flowering shrubs from spring 2022 onwards.	Environmental Sustainability budget subject to business case approval from Panel.	Four new beds created at Barclay Park. Second phase of planting at Cedars Park. Round bed at Whit Hern Park replanted.	During 2022, four new beds were created at Barclay Park to introduce more colour, interest and biodiversity into the park. The second phase of	

					<p>planting at Cedars Park took place in 2022 to improve the visual appearance of the park.</p> <p>Seasonal bulbs were planted at both of the above locations during the Autumn of 2022.</p> <p>Further planting took place at Whit Hern Park with the circular bed being replanted with additional mixed plants.</p> <p>Further improvements to parks and other high footfall areas will take place during the Spring of 2023.</p>	
6.5 Deliver the new open spaces set out within the Local Plan.	Head of Broxbourne Development Programme and later,	Masterplan for Newgatestreet	Existing	New objective	Masterplan for Newgatestreet Road	

	Green Spaces Manager	Road communal green. Application for major parkland areas at Rosedale Park			communal green approved and implementation expected in 2022/23. Pre-app stage for major parkland areas at Rosedale Park.	
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SUPPORTING ACTION BY BUSINESSES AND RESIDENTS

This priority is about encouraging and supporting others in the Borough – businesses, organisations and residents – to become sustainable. As community leader, the Council is well placed to identify opportunities, to promote the importance of making changes and to advice on practicalities. The objectives are:

7. Reduce residents’ reliance on petrol and diesel vehicles for travel within the Borough
8. Reduce waste and increase recycling
9. Encourage residents further in improving their local environment and adopting a sustainable lifestyle
10. Encourage local businesses to become more sustainable and to develop their resilience to climate risks
11. Work with partners to protect water sustainability

Objective 7: Reduce residents’ reliance on petrol and diesel vehicles for travel within the Borough						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
7.1 Implement the Broxbourne Local Walking and Cycling Infrastructure Plan.	Assistant Director of Place Head of the Broxbourne Development Programme and Head of Community Infrastructure and Regeneration Hertfordshire County Council	Increase parking facilities for bicycles in Town Centres by March 2021;	Subject to S106 funding Hertfordshire County Council and central government grants Other external funding sources including Lee Valley Regional Park Authority, Sustrans, and Highways England.	Complete. Thirty three new bike racks installed borough-wide. Additional cycling facilities planned in Waltham Cross town centre as part of the proposed public realm improvement project.	Following the Council’s success in securing LUF funding, the full WXTC public realm improvement scheme can proceed. Target date for completion is Spring 2025.	
		Improve access to the Lee Valley Regional Park for walkers and cyclists in		Discussions to be had with the Lee Valley Regional Park to install	A specific project to be developed.	

		the Cheshunt Station area by June 2021		cycle parking facilities within their car park area east of the railway line in Windmill Lane, Cheshunt.		
		Work with Highways England to deliver a new shared path adjacent to the New River from the M25 to Church Lane, Wormley by end of 2022;		National Highways has agreed to fund the construction of the New River shared path from the M25 to Church Lane, Wormley. (Estimated circa £2.25m). Some preparatory works started in March 2022.	The contract has been awarded and is starting on site in February 2023 and programmed to be finished in July/August 2023.	
		Construct a section of the New River shared path in Essex Road as part of the Essex Road/New River Project by end of March 2021		Complete.	Complete.	
		Develop designs for the continuation of the New River shared path from Church Lane, Wormley to Rye House Station by end of 2021		Section next to the Broxbourne School designed and built in June 2021. Fee proposal for the design of next sections under discussion with consultants. The Council was notified in March	Funding to be identified for the designs north of Church Lane Wormley.	

				2022 that HCC's bid for this work, under the Government's Active Travel Fund, was unsuccessful. Alternative funding to be identified.		
		Consult stakeholders on an initial business case to build a new rail station in Park Lane, Waltham Cross in January 2021		No further update.	First Meeting with Network Rail scheduled for February 2023 to take forward the business case for the new station.	
		Construct a new footway/cycleway bridge over the railway in Park Lane. Waltham Cross, including a possible rail station, linking the employment areas to the town centre and residential areas by end of 2025 subject to available funding		Not yet started.	As above.	

<p>7.2 Help create a network of rapid charging points for electric vehicles.</p>	<p>Communications Manager Parking Services Manager Assistant Director of Place</p>	<p>a) A network of 100 rapid charging points for electric vehicles across the Borough, sufficient to meet the needs of residents who cannot charge vehicles at home. b) Incorporation of electric vehicle home charging points into new developments. c) Work with businesses to increase the number of EV charging points in town centres.</p>	<p>Bid to be made to Office for Zero Emission Vehicle (OZEV) grants</p>	<p>HCC has confirmed that its current position is for districts and boroughs to lead the implementation of on-street charging points in their areas, in accordance with the emerging county-wide policy and subject to approval by the County Council. A set of criteria for siting these charging points has been drafted which are out for consultation with districts. Principles include location and use of existing street furniture.</p> <p>27 EV Chargers have been installed in 9 car parks as of September 2022 funded by grants totalling £246,280 from OZEV.</p> <p>b) Actively requiring EV</p>	<p>HCC's position is that District and Borough councils should lead the roll out in their district. Broxbourne Council, and other districts in Hertfordshire do not share this view. County-wide meeting to be held on 2 February to further discuss the matter.</p>	
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				charging points on all developments in accordance with Local Plan policy TM4.		
7.3 Promote walking and cycling to school and to work, especially in the town centres.	Community Safety Manager Hertfordshire County Council Communications Manager	All schools to have dedicated travel plan to promote safer and sustainable travel Support schools to determine multi-agency parking enforcement plan to prevent dangerous parking near schools at start and end of school day if situation becomes very problematic.	Existing	As part of a Parking Feasibility Study taking place in September, parking arrangements outside 11 schools will be reviewed.	Graduate trainee is working alongside Community Safety Manager and Communications Manager on a multi-agency parking outside schools campaign for 2023.	
	Sport Development Officer	Deliver programme of school cycling projects to increase the number of children in years 1 and 2 that can cycle in Waltham Cross. Measured by the number of in/competent riders at base level and then again at the end of programme to check for improvement	External funding	After school cycle clubs will be launched in schools in Waltham Cross as part of Cycle to School Week (3-7 October). Separate social media campaign launched alongside this to encourage more children to cycle to school.	Winter programme delivered. 46 children benefitted from the programme so far, with 24 recorded initially as non-riders, who are now confident riders. There were 240 attendances. Funding application submitted to Sport England via the Together Fund to	

					fund two additional schools from April.	
	Sport Development Officer	Deliver holiday cycle camps to increase the number of children age 8-16 that can cycle in Broxbourne. Measured by the number of in/competent riders at base level and then again at the end of programme to check for improvement.	External funding	New objective.	Funding Application submitted to Hertfordshire Community Foundation to deliver a cycle programme at Easter 2023. Venue and delivery partner secured.	
	Sport Development Officer	Develop and deliver cycling proficiency programme for adults	External funding	Three adult learn to ride sessions in May. The sessions provided one-to-one training for 11 people.	Identifying funding and opportunities to deliver further training in 2023/24.	
	Head of Infrastructure and Regeneration	Increase provision of bike racks in town centres.	Existing	Thirty three new bike racks installed borough-wide. Additional cycling facilities planned in Waltham Cross town centre as part of the proposed public realm improvement project	Following the Council's success in securing LUF funding the full WXTC public realm improvement scheme can proceed. Target date for completion is Spring 2025	

<p>7.4 Lobby to improve public transport in the Borough and promote the use of low emission buses.</p>	<p>Head of the Broxbourne Development Programme Planning Policy Manager</p>	<p>Lobbying undertaken for bus routes to major housing developments and stations, for new train stations at Wormley and Park Plaza, and for low emission buses.</p>	<p>Existing</p>	<p>Initial approach made to Aviva. S106 funding contributions required to 'pump prime' new routes. Shuttle buses connecting Waltham Cross and Theobalds Stations to the Sunset Studios site will be introduced when the studios becomes operational in 2026. It is proposed to introduce a new public bus route between Brookfield and Waltham Cross Station, linking through Cheshunt Lakeside.</p>	<p>Strategic Outline Business Case complete for both Park Lane and Turnford. Lobbying in early stages. DfT confirmed support for the project. Support from the Train Operation Company and Network Rail is critical, so the next step is to identify their requirements and ensure they are met, to give the project more chance of funding and getting onto the Rail Network Enhancement Pipeline in Control Period 7 (2024-2029).</p>	
<p>7.5 Develop low carbon taxi options.</p>	<p>Licensing HCCSP</p>	<p>Work with HCCSP Transport sub-group to explore options to develop electric and low-carbon taxi provision</p>	<p>To be determined</p>	<p>New objective.</p>	<p>To be explored in 2023/24.</p>	

Objective 8: Reduce waste and increase recycling						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
8.1 Continue public information campaigns to promote waste minimisation and recycling.	Communications Manager Waste & Street Scene Manager	Household recycling rate reduces gap with average for Hertfordshire.	Existing	In March 2022 the Council had stands at Waltham Cross and Hoddesdon markets to promote Food Waste Action week and encourage food waste recycling e.g. take it out of the black bin. A new Preventing Food Waste leaflet is being finalised.	The Council's waste team work closely with the Council's Communications Team to send out regular recycling messaging via the website and social media. The Council's Preventing Food Waste leaflet was distributed to households via the December 2022 edition of Our Broxbourne as a centrefold pull-out. The leaflet provided residents with useful tips on reducing avoidable food waste and the importance of removing any remaining food waste from the residual waste stream.	

<p>8.2 Provide information on recycling and green waste collection along with the Council Tax bill to households moving into the Borough.</p>	<p>Waste & Street Scene Manager, Head of Finance, Council Tax Manager</p>		<p>Approximately £1k for double sided colour 15 insert</p>	<p>In April 2022, the Council updated the A to Z Recycling Guide (recycling made easy, get the most out of your recycling services in Broxbourne) which was published on the website. The new guide includes references, with QR codes to the Herts Reusable Nappy Scheme and Herts Sustainable Periods information pages.</p>	<p>To be progressed.</p>	
<p>8.3 Investigate, and develop, ways of minimising household waste for example, recycling textiles, and small WEEE.</p>	<p>Waste & Street Scene Manager Sustainability Officer</p>		<p>New routes for diverting household waste may require additional funding.</p>	<p>In July 2022, the Council's Waste and Recycling Service Policy (which now incorporates recycling collection information for flats sites) was approved. The foreword on this was completely rewritten to focus</p>	<p>New signage to be installed at Recycling Points in 2023/24.</p>	

				<p>more on environmental sustainability, encouraging focus on resource consumption, and to reduce unnecessary waste i.e. prevention and reuse options being just as important as recycling.</p> <p>New signage for recycling points being finalised.</p> <p>A Men's Shed initiative is now in situ at Cedars Park, which offers making and mending opportunities. A second Men's Shed is being considered at Wormley.</p>		
8.4 Encourage schools to increase recycling, and to address waste minimisation,	Waste & Street Scene Manager Broxbourne Association of	Increased uptake of recycling collections by schools.	Existing Herts Waste Partnership - Waste Aware Group	Schools across the Borough were invited to engage with the Council to share their current environmental	The Broxbourne School presented to the Environmental Sustainability Panel in October	

reuse and recycling through the school curriculum.	Secondary School Heads Broxbourne Youth Council Sustainability Officer.			initiatives, and present these to the Environmental Sustainability Panel. John Warner School representatives presented in July 2022.	2022 and were linked to the Waste and Street Scene Manager to review their recycling. The Rivers Educational Support Centre and Hertford Regional College (HRC) will present at Panel meetings in 2023.	
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Objective 9: Engage residents further in improving their local environment and adopting a sustainable lifestyle						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
9.1 Provide community leadership on promoting sustainable lifestyles	Director of Place Sustainability Officer Communications Manager	Develop '10 Pledges' initiative to illustrate what the Council is doing and to get others to commit to reducing their carbon footprint and/or improving biodiversity.	Existing	New objective.	To be developed upon recruitment of new Sustainability Officer.	
9.2 Participate in and promote future rounds of the Hertfordshire	Sustainability Officer	Solar Together scheme promoted to residents.	Existing	New objective.	Next round is likely to be in Autumn 2023.	

Solar Together initiative.	Community Development Manager Communications Manager						
9.3 Explore feasibility of installing solar canopies at town centre car parks.	Sustainability Officer Planning Policy Manager	Feasibility study completed.	External funding	New objective taken from Hoddesdon Town Centre Strategy.	Dependent on Hoddesdon Town Centre Strategy being approved.		
9.4 Increase allotment usage and promotion of the benefits of working an allotment.	Green Spaces Manager	Increase in allotment usage.	Additional funding required if a new site has to be cleared and facilities installed.	Works to create a new allotment site at Church Lane, Wormley is in progress with a view to the site being operational during 2023.	Alternative locations for re-location are being considered.		
9.5 Provide information on the Council's website to assist residents adopt a more sustainable lifestyle.	Communications Manager Sustainability Officer.	Calendar of initiatives produced and promoted by social media. Website updated	Existing	Ongoing promotion of a series of sustainability related initiatives and events as per the agreed programme. A dedicated Sustainability section is now available on the Council's website. This includes information regarding Biodiversity, Carbon Emissions,	Ongoing promotion of a series of sustainability related initiatives and events as per the agreed programme.		

				<p>Waste and Recycling, Water Sustainability and Sustainable Travel.</p> <p>Active travel routes for each Council leisure facility added to its webpage.</p>		
<p>9.6 Help low income households access Government grants for energy efficiency improvements to their homes.</p>	<p>Community Development Manager Sustainability Officer.</p>	<p>a) Participation in and promotion of LAD2, Sustainable Warmth (LAD3 HUG1), HUG2 and ECO4 schemes</p> <p>b) Number of households assisted or advised on accessing these grants.</p>	<p>External funding</p>	<p>LAD2 funding (£253,000) is being allocated to eligible applicants across the Borough. There were 52 referrals for LAD2 funding as of September 2022.</p> <p>£307,302 secured in January 2022 from the Sustainable Warmth Fund (LAD3) for Broxbourne. Awaiting eligibility criteria and referral routes.</p> <p>Residents which have enquired about LAD2 funding and are eligible will be rolled onto the Sustainable</p>	<p>Sustainable Warmth application process closed in December 2022. £154,794 spent on measures in Broxbourne as of 31 December 2022.</p> <p>ECO4 project with EON due to go live in March 2023 focussing initially on Waltham Cross, Rosedale and Bury Green.</p>	

				<p>Warmth Fund (LAD3/HUG1)</p> <p>The Inter Authority Agreement for Sustainable Warmth has now been approved, and social media campaigns and targeted marketing can begin to be distributed.</p>		
<p>9.7 Development of Community Gardens to increase environmental awareness, biodiversity and to provide opportunities for volunteering and emotional wellbeing.</p>	<p>Community Development Manager, External Partners</p>	<p>Two community gardens established by December 2021 at Hoddesdon (Peace Cottage) and Rosedale (Rosedale Community Church).</p>	<p>External funding bids by community partners</p>	<p>Community Garden at Rosedale Community Church formally opened on 3 June 2022.</p> <p>B3Living proposing new community garden at Juniper Close. Business case submitted to Council.</p> <p>Peace Cottage - Gardening projects taking place. Permaculture course running from July to November 2022.</p> <p>Shirley Close – B3Living developed community garden.</p>	<p>Community Garden projects now established.</p>	

				Hosts a weekly wellbeing gardening and coffee event every Wednesday and Saturday.		
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Objective 10: Encourage businesses to become more sustainable and to develop their resilience to climate risks.						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
10.1 Organise an annual event on sustainability for local businesses, to learn about reducing energy usage, sustainable procurement, home working etc.	Economic Development Manager, Sustainability Officer.	Annual event held virtually	Existing	An event is in the planning stage to be held at the Theobalds Enterprise Centre in March 2023.	A Financial sustainability event is being held on 23 February 2023 at the Spotlight with Innovate UK Edge, Manufacturing Growth Programme and Innovate UK A4i.	
10.2 Promote take-up of grants currently available for Hertfordshire businesses from Low Carbon Workspaces.	Economic Development Manager	Take-up promoted at business events and on Council website.	Existing	The scheme is now running until 30 June 2023, so funds will need to be allocated by mid-late April 2023. The new grant for Herts businesses is a maximum of £6,750 to cover	For Broxbourne businesses <ul style="list-style-type: none"> • 10 grants have been awarded. • £40,283.33 of funding in total has been 	

				<p>45% of the funded project.</p> <p>Example Eligible projects include:</p> <ul style="list-style-type: none"> •Lighting Systems •Renewal Energy systems •Equipment Upgrades •Heating and Cooling Upgrades •Waste Management •Building Fabric Improvements <p>For Broxbourne businesses</p> <ul style="list-style-type: none"> • 10 grants have been awarded. • £42,533.33 of funding in total has been awarded. 	<p>awarded / allocated.</p> <ul style="list-style-type: none"> • One bid pending 	
10.3 Encourage large developments in the Borough to employ local people and use local supply chains.	Economic Development Manager	<p>a) Number of people employed in Borough</p> <p>b) Number of apprenticeships</p> <p>c) Number of local businesses supporting large developments</p>	Existing	New objective.	Digital signage to go up in Waltham Cross to promote the jobs specifically at Sunset Studios to promote the jobs to local residents this is due to be installed in second	

					<p>quarter of the year.</p> <p>A supplementary Planning Document SPD is being worked on by the Economic Development Manager and Planning Policy Manager. This document will give clear expectations from the Council to employ local people and use local supply chains.</p>	
10.4 Sponsor an annual award at the SME Hertfordshire Business Awards for sustainability in business.	Economic Development Manager	Award offered in 2020.	Existing	<p>2022 Winner was JPA workspaces from St Albans.</p> <p>2023 Inspire Green Award is sponsored. It is being promoted to Broxbourne businesses.</p>	Annual award sponsored and local businesses are being encouraged to enter via business newsletter and social media.	
10.5 Encourage larger businesses in the Borough to develop plans to reduce petrol and diesel vehicle use.	Economic Development Manager	Evidence of guidance provided to local businesses.	Existing	Outreach via the Council social media platforms regarding EV charging point availability has been shared;	Opportunities continue to be promoted via social media and through the business newsletter.	

				<p>these are also listed on the Sustainability section on the Broxbourne website.</p> <p>Working with Eastern New Energy (ENE) to offer businesses a free vehicle fleet audit. ENE opportunities are being promoted in the business newsletter of the Council, these audits are free to all businesses.</p>	<p>The Grant scheme with Eastern New Energy (ENE) is now closed as it was funded through European Regional Development Funding (ERDF).</p>	
10.6 Explore viability of scheme to recognise shops that sell produce that is sustainably produced and packaged and is local, organic, animal-friendly and fairly traded (LOAF).	Sustainability Officer,	Feasibility of scheme to be explored by December 2023.	Existing	To be explored as part of the HCCSP Behavioural Change Sub-group's initiatives to encourage citizens to make sustainable choices in everyday life.	To be developed in 2023 by new Sustainability Officer.	

Objective 11: Work with partners to protect water sustainability						
Task	Responsibility	Target	Resourcing	Programme update – Summer 2022	Programme update – Spring 2023	RAG status
11.1 Assess and reduce water consumption on Council facilities.	Sustainability Officer Community Development Manager Facilities Manager	Assessment completed by Spring 2023 Reductions per annum from 2023/24 onwards	Existing	New objective.	Water consumption data acquired. Work to be done on compiling and analysing usage.	
11.2 Raise awareness of water consumption to schools.	HCCSP Thames Water Community Development Manager	Facilitate water company engagement with schools to provide education on the value of water saving.	Existing	New objective.	To be developed during 2023 in partnership with HCCSP.	
11.3 Raise awareness of water consumption to residents.	HCCSP Community Development Manager Sustainability Officer Communications Manager	Promote countywide initiatives to raise awareness of water consumption and waste to residents	Existing	New objective.	To be developed during 2023 in partnership with HCCSP.	
11.4 Facilitate reduction in water consumption in social housing.	Community Development Manager	Local authorities to facilitate contact between water companies and housing associations in	Existing	New objective.	To be developed in 2023.	

	Sustainability Officer	support of the installation of water saving devices				
11.5 Enable improvements in water efficiency and flood mitigation through the planning system.	Assistant Director (Place) Planning Manager (Policy & Projects) Planning Manager (Development Management)	<p>Maximise use of Building Regulation legislation by making planning policy provision to:</p> <ul style="list-style-type: none"> - Ensure all new developments and extensions to existing properties use Part G option for 110 litres per capita per household as consumption target. <p>Require developers to utilise the 'Fittings' methodology rather than the 'Calculator' method.</p> <p>Commit to consult water and sewerage undertakers at planning stage for all major developments of ten homes or more.</p> <p>Review current performance in applying the sequential test for flooding from all sources, both in the development of local plans and when assessing planning applications</p>	Existing	New objective.	Ongoing.	

11.6 Consider guidance for new developments include water recycling systems, such as water butts.	Assistant Director (Place) Senior Urban Designer	To be considered as part of Design Code and Guidance.	Existing	New objective.	To be developed in 2023.	
11.7 Consider guidance that new developments are located at least 8m from surface waterbodies.	Assistant Director (Place) Senior Urban Designer	To be considered as part of Design Code and Guidance.	Existing	New objective.	To be developed in 2023.	
11.8 Surface Water Drainage.	Assistant Director (Place)	<p>Ensure that appropriate professional expertise is brought to bear in decision making on all planning applications where there are surface water drainage implications.</p> <p>Ensure the submission of drainage plans at an early stage in the planning approval process, and that the whole development is carried out in accordance with the approved plans.</p> <p>(Jenkins Review)</p>	Existing	New objective.	<p>Assessment of Surface Water Drainage within planning applications is the responsibility of the County Council as the Lead Local Flood Authority. However, due to resourcing issues within that service, independent private sector expertise is currently bought in by Broxbourne, the cost of which is covered by the planning applicant</p>	

11.9 Development of Catchment Partnerships.	Community Development Manager Sustainability Officer	Engage Catchment Partnerships to identify collaboration opportunities to improve water quality and mitigate flood risk.	Existing	New objective.	Ongoing during 2023. Will also tie in with work by the HCCSP Water and Adaptation subgroups and actions within the Government's Environmental Improvement Plan.	
11.10 Water Fountains.	Head of Infrastructure and Regeneration Sustainability Officer	Develop proposal for installation of public water drinking fountains in town centres and parks.	Existing	New objective.	Meeting held in Autumn 2022. No further development.	
11.11 Reduce flood risks.	Sustainability Officer HCCSP	Engage with Environment Agency to facilitate and promote training and awareness raising for planning colleagues around flood risk.	Existing	New objective.	To be developed in 2023.	