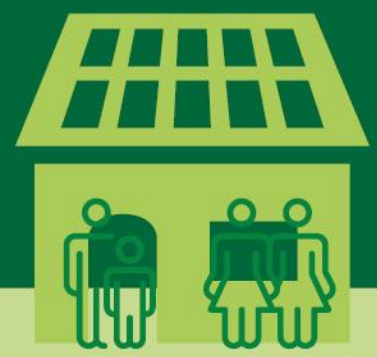




# Basingstoke and Deane Climate Emergency Action Plan - 2022 to 2023



This is the second update of Basingstoke and Deane Borough Council's Climate emergency Action Plan since it was adopted alongside the Climate Change and Air Quality Strategy in March 2021. The key aims of this strategy are to be a net zero council by 2025, in our own operational emissions, and to be a net zero carbon borough by 2030. Council and borough carbon emissions data are published separately on our website.

This update sets out overall progress against these overarching aims, as well as specific actions set out in the action plan. It is also an opportunity to add new actions, where relevant, or add specificity to existing actions, where additional work has allowed this.

New actions, or changes in existing actions, including timeframes, **are set out in red** to highlight differences from the previous iteration of the plan.

We expect to continue to add and develop actions throughout delivery against the high-level aspirations set out in the strategy.

## Areas of focus for the action plan:

Our approach to tackling the climate emergency commitments, both for our council operations and borough-wide emissions, will be focused in six main categories:

- **Action by all** – the need for everyone in the borough to contribute
- **Buildings** – tackling emissions from heating and powering our buildings
- **Transport** – tackling emissions from vehicles
- **Zero carbon electricity** – supporting the transition to a decarbonised electricity system
- **Waste and consumption** – reducing waste and consumption
- **The natural environment** – maximising the climate mitigation and adaptation qualities of the natural environment

Actions are categorised in these areas, as well as identifying if they address the target of the council being net zero by 2025, in our own operations, or achieving a net zero borough by 2030.

This sets out a planned timeframe of actions based on current evidence and plans, however, if short term opportunities are identified then these will also be implemented where possible. The council seeks to be as adaptable as possible in this fast-moving area, and it is recognised that more detailed work on specific actions will allow the inclusion of targets for completion.

## We need your help!

This is a council action plan and we are committed to doing all we can to tackle the climate emergency. However, we cannot do this alone.

Success in achieving our aspirations, particularly of a net zero borough by 2030, is contingent on the support and action of others within the borough. A number of actions set out here are looking to enable and inspire this corporate action.

## 1. Action by all:

Action number	Action	Emissions impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 update
1.1a	Embed climate change training and e-learning into induction process for all council staff and ensure staff receive ongoing training as required, in order to increase understand of climate change and actions required to address	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Complete	Ongoing work	HR  Climate Change and Sustainability Team	Completed courses Tracking staff commitments	New action to replace Action 1.1, recognising the need for ongoing training to staff on climate change and to ensure officer training is embedded into the staff and councillor induction process. The Climate Change and Sustainability team are also looking to develop wider training on climate change, e.g.: - Ensure training for all staff and councillors is included in induction and included as essential e-learning - Develop induction material on sustainable travel as a result of the staff travel plan review - Develop a series of ongoing staff development using in-house expertise and e-learning for different topics related to climate change - Develop a comms plan for increasing staff awareness on actions they can take at work and at home
1.3	Review and update internal staff policies to enable and promote sustainable working choices	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Review of key policies related to SWOW underway  Spring 2023	In Progress	HR  Climate Change and Sustainability Team	Reduction in 'grey fleet' or business mileage	The Smarter Ways of Working (SWOW) programme has now concluded and hybrid, flexible working is now normal practice. This has led to an approximate 1/5th reduction in travel to work.  The climate change team regularly reviews a forward plan of upcoming work, including relevant policies to ensure they are reviewed by the climate team.  A review of staff benefits is underway and expected to be completed in spring 2023.

1.4	Support for existing the Low Carbon Energy Group, or a suitable equivalent, made up of local experts, to challenge and support the council and the wider borough to carbon neutrality	<b>Council/ Borough:</b> Council Operations and Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£)  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Ongoing	To be actioned	<b>Economic Development</b>  <b>Climate Change and Sustainability team</b>	Number of meetings held	<p>No meetings were held this year and following the departure of the existing chair the council is reviewing the role of this group.</p> <p>This review will consider whether the Low Carbon Energy Group will remain a stand-alone group or be merged into to a new Place-shaping Board being set up as part of the work of the Economic Development Team.</p>
1.5	Support local residents and communities, including town and parish councils, to take local climate emergency action, and prepare for future impacts of climate change including provision of a toolkit to help plan and deliver local action and promotion of 'The Greening Campaign'	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Variable (40 – 200 tCO2e per community)	<b>Cost:</b> Low (£)  <b>Funding Source:</b> Climate Change budget  <b>Income Generation?:</b> No	<del>First communities signed up by Q4 2020</del>  Ongoing	In Progress	<b>Connected Communities Team</b>  <b>Communications</b>  <b>Climate Change and Sustainability Team</b>	No. of town/parish councils with climate emergency  No. of events or campaigns supported  CO2 savings per community	<p>A new climate toolkit was launched in November 2021 aimed at residents and community groups. Each toolkit provides climate positive actions that are 'easy wins' or 'make a big difference' to ensure there are actions that everyone can take. The residents' toolkit has received 585 unique visits and the community toolkit has had 82 unique visits hits since its launch.</p> <p>A survey was sent to all parish and town councils and community groups asking what support they required to enable action to address climate change. This has been further promoted by the Basingstoke and Deane Association of parish and town councils and Basingstoke Voluntary Action. Results are being considered on how best to support these groups, including provision of materials and networking opportunities.</p> <p>This specific work has supplemented the residents' survey, of a sample of residents across the borough, which also featured questions on climate change. Results have recently been circulated and will shape future potential research work, as required.</p> <p>Over the summer and autumn 2022 the climate change team have been attending community events to provide advice to residents on home energy efficiency grants.</p> <p>Green Week was also held from Saturday 24 September to Sunday 2 October with excellent engagement at events. For the first time, residents and attendees were asked to make a pledge to</p>

								<p>change behaviours that result in reduced personal emissions (as well as reduced costs). This resulted in 161 pledges, resulting in 30 tonnes of reduced carbon if enacted. This will be a useful baseline for monitoring engagement in future.</p> <p>The council is also proposing the creation of a new 'Green Team' to support residents through direct advice and support on energy saving and other sustainable issues.</p>
1.6	Update council climate change web pages and create a new sustainability identity and website to provide relevant local information and capture ideas from residents	<p><b>Council/Borough:</b> Borough-wide</p> <p><b>Emissions Reduction:</b> Low</p>	<p><b>Cost:</b> Low (£)</p> <p><b>Funding Source:</b> Climate Change budget</p> <p><b>Income Generation?:</b> No</p>	<p><del>Q1 2021</del></p> <p>Q4 2022-23</p>	In Progress	<p>Communications Team</p> <p>Climate Change and Sustainability team</p>	<p>New page website live</p> <p>Tracking actions/ideas received</p>	<p>The council website now hosts eight webpages dedicated to climate change work, including information about the work the council is doing, links to the strategy and action plan, a climate change toolkit and information on energy loans and grants, which has recently been updated to provide an easy one stop reference encouraging residents to make their homes more energy efficient.</p> <p>A separate website and new climate change identity are in development, aimed at reaching a wider audience and better engagement with local residents, community groups and businesses. This could include a forum to facilitate an exchange of ideas. The action and timescale have been updated to reflect this new engagement work.</p>
1.7	Investigate broader engagement and behavioural change methods for residents to take action throughout the borough, ensuring reflective representation.	<p><b>Council/Borough:</b> Borough-wide</p> <p><b>Emissions Reduction:</b> Medium</p>	<p><b>Cost:</b> Medium (££)</p> <p><b>Funding Source:</b> Internal resources (Staff time)</p> <p><b>Income Generation?:</b> No</p>	Q4 2022-23	In Progress	<p>Communications Team</p> <p>Policy Team</p> <p>Climate Change and Sustainability team</p>	<p>Actions included in next Action Plan</p>	<p>A new Climate Change Communications and Engagement Officer was recruited in April 2022.</p> <p>A Climate Change Communications Strategy has been developed, alongside a communications plan which sets out objectives to reach and build relationships with all audiences identified in the strategy, communicate relevant milestones, events and awareness days and establish a new identity for future climate change-focused communications.</p> <p>Work to develop new identity and website are underway.</p> <p>The timeframe has changed to reflect the new communications and engagement post.</p>

1.8	Convene summit for local businesses to understand issues and support development of their own actions	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Neutral	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> Possible (Low £)	TBC	To be actioned	<b>Economic Development</b>  <b>Climate Change and Sustainability team</b>	Summit held.  No of businesses in attendance and that make their own commitments	<p>The aspiration for a new Clean Growth role was unfilled, however the end of covid restrictions has meant that business networking has increased.</p> <p>The council has held business events with environmental focuses, including Basingstoke Borough Partnership, Basingstoke Going Green event and the Borough Business Matters event.</p> <p>The council continues to financially support and promote the North Hampshire Sustainable Business Network (SBN) which meets quarterly. Online meetings have been better attended than in person sessions and allow those that missed it to catch up on recordings. As such, this format will continue, with occasionally in person events.</p> <p>The role of a separate summit is being considered.</p>
1.9	Work with other business reps (e.g. FSB, BID, Chamber of Commerce, LEP) to develop net zero group for businesses for mutual challenge and support	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	TBC	To be actioned	<b>Economic Development</b>  <b>Climate Change and Sustainability team</b>	No. of businesses involved  Proportion of businesses represented	<p>As above, the council continues to support and promote the SBN, which is particularly catered to SMEs. The group provides support and challenge to attendees.</p> <p>A new Economic Development Manager is in post and is working with the climate change team to build on this work.</p>
1.10	Lobbying other organisations, including government, to work at pace to deliver reductions in emissions, including through consultation responses	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	<del>Commenced</del> and On-going	In Progress	<b>Policy and Performance Team</b>  <b>Climate Change and Sustainability team</b>	Log of consultation responses made referring to climate change	<p>The climate team regularly engage with Hampshire County Council through the Hampshire Climate Change Officers Group, Hampshire-wide plans for residential energy efficiency retrofit projects and sustainable transport including onstreet EV charging (see Action 3.12).</p> <p>Also, more specific engagement with Hampshire County Council on the Local Cycling and Walking Infrastructure Plan and the Local Transport Plan 4</p>

1.11	Promotion and delivery of Low Carbon across the South East (LoCASE) project – a scheme providing grant funding to SMEs to improve energy efficiency, reduce carbon, grow their low carbon business and develop innovative low carbon products or services.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> Internal and European Grant Funding  <b>Income Generation?:</b> No	Q3 2021 – Q2 2023	In Progress	<b>Economic Development</b>  <b>Climate Change and Sustainability team</b>	Businesses supported.  Modelled carbon reduction	Council continuing to promote scheme through multiple channels, including directly with businesses and community groups, as well as attending several events over summer and Autumn 2022. Thus far 3 businesses have completed the process fully and received funding, however, this compares very favourably to other Hampshire Authorities participating in the scheme, with others having no more than 1 business supported to date. There are many more businesses currently going through the application process. The scheme will continue to be pushed until it closes in mid-2023
1.12	Support and tools for businesses to understand climate change and take action to tackle this	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Ongoing	To be actioned	Climate Change and Sustainability team  Economic development	Businesses supported.  Feedback sought	New Action - alongside events and engagement above, this is expected to also include a toolkit, like that for residents and communities
1.13	Further consideration and communication of co-benefits of climate action, in order to increase desire to tack climate action, particularly from those who may not have a particular environmental concern	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Ongoing	To be actioned	Climate Change and Sustainability team  Communications		New action - to be included in the communication of projects as delivered. For example, these could include the health benefits of increased active travel or water conservation through more sustainable behaviours and management of the natural environment
1.14	Engaging with schools to drive engagement in events and increase awareness of possible action, including for parents	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	2023	To be actioned	Climate Change and Sustainability  Events	No. of positive school links Involvement in council initiatives e.g. Green Week	New action - not the education authority but aiming to increase links and reach out to involve more, e.g. Green Week

## 2. Buildings:

Action number	Action	Emissions impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 Update
2.3	Ensure office and council operational buildings are used as efficiently as possible, and fit for the future as we work more flexibly	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Medium (Estimated at c. 180tCO2e)	<b>Cost:</b> TBC  <b>Funding Source:</b> Existing budgets  <b>Income Generation?:</b> No	Q4 2021	Completed	<b>Property &amp; Assets</b>  <b>Climate Change and Sustainability team</b>	Office energy consumption  Office occupancy	Campus-based office staff have consolidated from two main buildings into one in early 2022, as a result of hybrid working and more efficient occupation of our office footprint. Expected to save around 75 tonnes of CO2 moving forward.
2.4	Undertake review of possible energy efficiency and reduction measures on council campus	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£50k)  <b>Funding Source:</b> Climate change reserve  <b>Income Generation?:</b> No	Q3 2022	Completed	<b>Property &amp; Assets</b>  <b>Climate Change and Sustainability team</b>	Audit undertaken	Audits of main office building undertaken and completed in September 2022 alongside other buildings, as per Action 2.5 below. Final reports/results due to be delivered by end of 2022, with next steps developed as per new action 2.21
2.5	Undertake audit of other council operational buildings to determine options to reduce energy consumption	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£50k)  <b>Funding Source:</b> Climate Change Reserve  <b>Income Generation?:</b> TBC	2022	Completed	<b>Property &amp; Assets</b>  <b>Climate Change and Sustainability team</b>	Audits undertaken	Audits of Aquadrome and Tadley facilities completed in early 2022. Results being analysed.  Audits on other council operational properties and sites undertaken at same time as office/campus audits during August & September 2022. Final reports/recommendations are to be received by end of 2022.

								New actions 2.20 & 2.21 established for future works
2.8	Work with development partners to ensure new council <b>commercial</b> building development to be as energy efficient as a possible	<b>Council/ Borough:</b> Council Operations and Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> High (£££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	In Progress	<b>Borough development</b>  <b>Climate Change and Sustainability team</b>	Energy efficiency ratings of new developments	Town centre masterplan is proposed for adoption by the end of 2022 with more detailed work expected to follow.
2.9	To include climate change mitigation and adaptation as a central theme within the Local Plan Update, being as aspirational as possible for the built environment, both domestic and non-domestic, within national planning framework	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High (Enabler)	<b>Cost:</b> None  <b>Funding Source:</b> Internal budgets  <b>Income Generation?:</b> TBC	2020 – 2024	In Progress	<b>Planning Policy</b>  <b>Climate Change and Sustainability team</b>	Local Plan Issues and Options consultation.  Policy development with Local Plan MAP – meetings held	Draft policies successfully discussed with external groups and presented to Economy, Planning and Housing Committee in early 2022.  Proposals for net zero carbon energy use for residential development, and ambitious policies for non-residential development discussed.  Preparation of draft plan ongoing for public consultation, now due to happen in 2023.
2.10	Use of Development Management service to improve energy efficiency and consider climate change in advance of updated planning guidance	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Commenced and on-going	Ongoing work	<b>Planning &amp; Development</b>  <b>Climate Change and Sustainability team</b>	Inclusion of informative on planning permissions granted and advice at pre-app stage	Current applications are required to meet the requirements in the existing Local Plan, however, additional measures are being investigated. Wherever the council has an opportunity to exert influence then higher standards are being sought



2.11	Promoting and encouraging implementation of a sustainability framework by the Manydown Development Vehicle (MDV LLP) which will evaluate and monitor delivery of its commitments and ensure new homes at Manydown North are well-built and designed to achieve high environmental standards including energy and water saving	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> High (£££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	2023 onwards	To be actioned	<b>Borough development</b>  <b>Climate Change and Sustainability team</b>	Adoption of high standards ahead of detailed planning application	Planning permission for Manydown North has now been granted. The joint venture delivery vehicle MDV LLP is working on the elements required to discharge the planning conditions and are responsible for delivery of the development site. Through involvement in the joint venture partnership board, the council continues to drive high environmental requirements
2.12	<del>Develop plan to</del> Support private landlords in meeting Minimum Energy Efficiency Standards (MEES). Appropriate enforcement action utilised where required	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Q2 2021	In Progress	<b>Environmental Health</b>  <b>Climate Change and Sustainability team</b>	Plan developed.  Ongoing monitoring of non-domestic EPC improvements	Grants available (see below) also available to landlords to improve the energy efficiency of their properties.  We are working with the Environment Centre, a local not-for-profit organisation, as part of the 'Raising Standards for Tenants' project

2.13	Promote and support existing energy efficiency improvement programmes e.g. ECO and local loan & grant programme	Council/ Borough: Borough-wide  Emissions Reduction: Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	Climate Change and Sustainability team  Communications	No. of ECO installations and estimated CO <sub>2</sub> reductions  No. of Loan/grants provided	Council has only provided one grant this year, because eligibility overlaps with better opportunities (see Action 2.14 and 2.15).  End of ECO3 scheme saw influx of 11 installations under Local Authority Flex, approved by the council.  Council now working on finalising approach to new ECO4 scheme with view to promoting wider to residents and overlapping with other funding streams
2.14	Support delivery of the new government Green Homes Grant (GHG) within the borough including promotion via available channels	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Q4 2020	Completed	Climate Change and Sustainability team	No. of GHG vouchers provided within borough (if available)	The Green Homes Grant voucher release scheme has now closed and ran from September 2020 to 31 March 2021.  164 measures were installed in the borough under the voucher scheme, of which 37 were installed in low income. Details of types of measures installed in the borough are not available, but over the whole scheme, 68% of measures were insulation, such as loft or pitched roof insulation, 25% were provision of low carbon heating and 7% were secondary measures such as heating controls, glazing or draught-proofing.  Other grants schemes have been adopted under the Green Homes Grants banner and these will be captured under Action 2.13 moving forward

2.15	To support consortia bid for 'Sustainable Warmth', the latest round of Green Homes Grant funding. If successful, to promote within the borough and maximise reach among our residents	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Q1 2022 – Q1 2023	Completed	Climate Change and Sustainability team	No. of installations within the borough	<p>The Council continues to be part of the Warmer Homes consortium, led by Portsmouth City Council, which secured funding through the Sustainable Warmth funding competition, administered by the Government's Department for Business, Energy &amp; Industrial Strategy (BEIS). It aims to tackle fuel poverty by offering funding to improve the energy efficiency of qualifying homes.</p> <p>Under the first iteration of the scheme there were 50 installations in Basingstoke and Deane, totalling nearly £350,000 of investment and over 40t of carbon savings.</p> <p>The latest iteration of the scheme has recently launched and already received almost 80 applications.</p> <p>This will be captured in Action 2.13 moving forward</p>
2.16	Develop further plan for retrofit of domestic and commercial properties to reduce energy demand	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Q4 2022	In Progress	Climate Change and Sustainability team	Plan in place	<p>Council has not yet completed this this plan, focusing on delivering of available funding/schemes in the short term (see actions 2.13 - 2.15). Now engaging with Hampshire County Council on their proposal for a Hampshire-wide retrofit scheme, as well as with Housing Associations to consider collaboration there.</p> <p>A proposed new 'Green team' will also seek to support this area</p>

2.17	Promote and support rollout of low carbon heating, including investigating zero carbon hydrogen possibilities.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing  Further actions developed in 2021	In Progress	Climate Change and Sustainability team	No. of RHI installations in borough  Uptake of other grant schemes	<p>Low Carbon heating has been promoted as part of the GHG voucher and GHG LAD schemes above.</p> <p>Additionally, new resident/community toolkit (Action 1.5) provides further information on options for low carbon heating.</p> <p>Domestic RHI scheme closed in March 2022, with a slight lag in installations. Numbers publish in June 2022 showed 488 installations, a 23% increase on 2021.</p> <p>The Boiler Upgrade Scheme launched in April 2022 and the council is promoting this through various channels, however, data on uptake is not yet available at a local authority level.</p> <p>The council has also worked to promote local installers/companies where possible, including attending the opening of UK Heat Pumps showroom and having them as part of Green Week</p>
2.18	Work with Housing Associations to improve social housing stock	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Medium (££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	TBC	In Progress	Housing and Social Inclusion  Climate Change and Sustainability team	No. of HA retrofit installations.  EPC ratings of social housing	<p>Council is engaged with housing associations across the borough, particularly Sovereign and Vivid.</p> <p>A Members' Advisory Panel was recently held involving both to discuss their latest plans around decarbonising their stock and how we can work with them</p>

2.19	Develop strategy for improving energy efficiency of buildings that council leases out	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	Completed	<b>Property &amp; Assets</b>	Strategy developed  EPCs and DECs used to measure improvements	Council has adopted a Strategic Asset Management Plan from 2022/23 - 2025/26 which includes the key theme of decarbonisation across the council's property portfolio, including investment property, with improving sustainability a key aim of the plan.
2.20	Development of detailed design for decarbonisations works at Tadley Fitness Centre	<b>Council/ Borough:</b> Council emissions  <b>Emissions Reduction:</b> Medium - c. 200t CO1	<b>Cost:</b> High (££) c. £1m  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	2022 - 2024	To be actioned	<b>Property and Assets</b>  <b>Healthy Communities</b>	Plan for required works produced	New action - following audits of leisure facilities, more detailed design is required for decarbonisation of Tadley Health and Fitness centre
2.21	Operational property next steps - reviewing reports and capital works	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	<b>Property &amp; Assets</b>  <b>Climate Change and Sustainability team</b>	Plan for works produced	New action - following audits of operational buildings a plan for capital works will be set out for decarbonising buildings, seeking to dovetail this with existing works, and target the most cost-effective interventions
2.23	Work with partners to grow the workforce required to deliver necessary retrofitting and low-carbon heating (alongside renewable energy generation). To cover skills and training	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Enabler	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	<b>Economic Development</b>  Hampshire County Council/EM3/colleges  <b>Climate Change and Sustainability team</b>		New action - conversations with Hampshire County Council and local colleges, specifically Basingstoke College of Technology have already commenced.

### 3. Transport:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 Update
3.1	Undertake phased electrification of council fleet vehicles, when vehicles reach end of life and suitable ultra-low emissions alternative exists, including the trialling of new vehicles.	<b>Council/Borough:</b> Council Operations  <b>Emissions Reduction:</b> Medium (Up to 250tCO2e + NO2 and PM)	<b>Cost:</b> Very High (££££) c.£1m for current alternatives  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	Parks and Streetscene	Proportion of electric fleet  Reduction in fuel use & associated CO2e emissions	Three further electric vehicles have replaced conventionally powered cars for the CSPO team and were introduced in October. These will save in the region of two to three tonnes of CO2 per year and will provide lower running costs in the longer term due to the cost of fuel.  An alternative fuel trial is underway for the operations team's mowers, which commenced in May 2022. These reduce emissions by around 90% and the trial has recently been rolled out to other vehicles in the fleet.  Suitable vehicles to trial are being considered and there are several vehicles that are due to be replaced and where electric vehicles will be sought.
3.2	Increase chargepoints available on council sites for operational vehicles and staff, particularly required to enable electrification of operational vehicles	<b>Council/Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Medium (££) Up to £140k, depending on number installed  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Ongoing	Ongoing work	Sustainable Transport Officer  Facilities	No. of council chargepoints installed  Chargepoint utilisation	Additional charge points have been installed in Eastlands and Parklands car park for staff, and the public when not in use, as well as proposals to install further chargepoints in the council courtyard as a part of the re-allocation of spaces in this area. These will be available to staff, councillors and visitors. There are 13 registered staff members using the chargers on the campus

3.3	Review HR policies to consider reduction in staff travel and promotion of ultra-low emission vehicles being used wherever possible	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Carbon, NO2 and PM)	<b>Cost:</b> None (Staff time)  <b>Funding Source:</b> N/A  <b>Income Generation?:</b> No	Mid 2023	In Progress	HR  Climate Change and Sustainability Team	Reduction in 'grey fleet' mileage  No. of staff with EVs	<p>The wider pay and benefits review is underway and due to complete by Spring 2023.</p> <p>Following a Staff Travel Survey in autumn 2022, the Staff Travel Plan will be updated and part of this will include a review of travel related benefits, which will feed into the benefits review.</p> <p>A communications plan will be developed to promote sustainable travel, including use of ultra-low emissions vehicles.</p> <p>The provision of an electric car club (see Action 3.17) would also support the implementation of this action</p>
3.4	Survey staff commuting and update staff travel plan, including increase in flexible working	<b>Council/ Borough:</b> Council Operations & Borough-wide  <b>Emissions Reduction:</b> Low (Carbon, NO2 and PM)	<b>Cost:</b> None (Staff time)  <b>Funding Source:</b> N/A  <b>Income Generation?:</b> No	Summer 2022 - early 2023	In Progress	Climate Change and Sustainability Team	Reduction in commuting miles	<p>A Staff Travel Survey took place over four weeks in August and September 2022 with a 62% response rate. The results will be collated and will feed into an updated Staff Travel Plan in late autumn.</p> <p>Following the results of the Staff Travel Survey the travel action plan is being updated and an internal communications plan will be developed to promote sustainable travel.</p>

3.5	Work with waste services provider to increase efficiency throughout contract and continue to reduce emissions where possible	<b>Council/Borough:</b> Council Operations  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Ongoing	Ongoing work	<b>Waste Team</b>  <b>Climate Change and Sustainability Team</b>	Waste fleet mileage/fuel consumption and associated CO <sub>2</sub> emissions	<p>Emissions from the fleet of refuse collection vehicles as part of the waste contract reduced by 180tCO<sub>2e</sub> compared to 20/21, or a 19% reduction.</p> <p>There have been ongoing operational issues with the waste collection service, including the suspension of the garden waste service, which is expected to be the main driver for the reduction.</p> <p>However, Serco, the waste collection contractor, is continuing to implement measures such as route optimisation and driver monitoring and training to reduce emissions. Discussions are underway about other options to reduce emissions from the waste fleet</p> <p>Discussions are underway about other options to reduce emissions from the fleet of refuse collection vehicles</p>
3.6	Development of a Mass Rapid Transit network as a strategic public transport route	<b>Council/Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> High (£££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	<del>By 2030. Blueprint to be complete by late 2021</del> TBC	In Progress	<b>Hampshire County Council</b>	Completion of blueprint	<p>Work on the development of a high-quality network of routes has continued by Hampshire County Council, and it is expected that consultation on the proposed approach will be undertaken during the course of 2022/23. This will provide further detail on routes and the type of services expected, ahead of more detailed work on the specifics of the routes and junction designs.</p>



3.7	Undertake study of walking and cycling alongside Hampshire County Council and their Local Cycling and Walking Infrastructure Plan, currently in development, in order to provide for and promote active transport.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Medium (££) Dependent on schemes identified  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Study to be complete by Q3 2022	In Progress	Hampshire County Council  Climate Change and Sustainability Team	LCWIP in place  Increased prevalence in walking/cycling	A draft Local Cycling and Walking Infrastructure Plan was published in the summer for consultation and a detailed response provided to support the approach taken. A funding bid was submitted in late Summer to support the provision of a high quality link between the town centre and Manydown North (also benefitting Winklebury and the leisure park). Routes outlined in the Local Cycling and Walking Infrastructure Plan will be secured through future allocations in the Local Plan Update in addition to the submission of further funding bids as opportunities arise, in conjunction with Hampshire County Council.
3.8	Work with Stagecoach/public transport providers to electrify fleet – work to secure inward investment/funding	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> High (£££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	Hampshire County Council / Stagecoach	No. of electric buses in use in borough	As the fleet was updated in 2019, it is not expected that this will be replaced in the short / medium term. However, should opportunities arise to support an electrified fleet, this will be afforded to the operator. It is envisaged that in time, this toe of matter will be considered through the public transport strategy document being prepared by Hampshire County Council.
3.9	Review parking provision and rates, in order to promote lower emission vehicles into the town centre over more polluting vehicles	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	Climate Change and Sustainability Team	Parking strategy work being undertaken as a part of work on Central Basingstoke	A draft Parking Strategy was considered by Cabinet in October and subject to public consultation. This outlined a future approach to managing car parks, as well as supporting measures such as increased electric vehicle charging and is intended to support both the town centre masterplan and the Local Cycling and Walking Infrastructure Plan.

3.10	Investigate mobility options within the town centre, such as e-scooters and bike hire	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Initial study by Q4 2021	In Progress	Climate Change and Sustainability Team	Decision made on suitability  No. available / usage	Discussions have been held with operators to understand the opportunities available. Reference is also made to this in the draft Parking Strategy.
3.11	Review taxi and private hire vehicle licensing to consider zero emission capable vehicles only	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	Licensing Team	No. of zero emission capable taxis/private hire vehicles licensed in borough	Discussions ongoing with the trade to understand existing barriers and how the council can support the transition.
3.12	Continue to rollout public EV chargepoints and encourage private sector rollout in other destinations	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Medium (££)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing. Feathers Yard 'hub' now complete	Ongoing work	Climate Change and Sustainability Team  Hampshire County Council	No. of public EV chargepoints in borough  No. of EVs registered in borough	Additional charge points are currently being installed in Jibbs Meadow in Bramley and Anchor Court in Kingsclere, in addition to community centres in Rucstall, Popley Fields and Rooksdown. Detailed work has been undertaken with Hampshire County Council to assess the potential location of EV chargers in on-street locations across the borough and Basingstoke and Deane Borough Council funding is to be provided to ensure this action is progressed. It is currently being developed into a funding bid to the Government with roll-out expected to commence in early 2023.

3.13	Develop plan to educate and promote switch to electric vehicles, for both private users and commercial fleets, including electric vehicle event in the town centre	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Q3 2021	In Progress	Climate Change and Sustainability Team	No. of EVs registered in borough	Two promotional events were held as a part of Green Week in Basingstoke, which saw several electric vehicles displayed in the town centre for members of the public to view, speak to officers and representatives from each car manufacture. It is proposed to develop an electric car club initiative in the borough, which will provide the opportunity for those without access to a car to hire these, as well as becoming more familiar with electric vehicles. There are 1,133 full electric vehicles in the borough, in addition to 711 hybrid cars and a further 14 vans and 19 motorcycles. In terms of EVs, this represents an increase of 61% increase from March 2020.
3.14	Work with infrastructure providers and business community to facilitate wider shift to more flexible working and reduced road commuting.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	Climate Change and Sustainability Team / Hampshire County Council	Monitoring traffic flows in borough	Traffic flows have increased above 20/21 levels as a result of the return to normal, post pandemic. However, the roll out of improvements to alternative modes will support a gradual modal shift. Alongside this, a significant change has taken place in respect of hybrid working, and this has resulted in fewer peak hour trips and commuting, particularly on certain days of the week.
3.15	Running an anti-idling campaign to tackle the issue of engine idling. Will focus on education and prevention but will also use enforcement powers as necessary.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	Ongoing work	Environmental Health Team	No. of Fixed Penalty Notices issued	The borough council continues to support the anti-idling campaign and supports Hampshire County Council in working with schools to promote the initiative in terms of parental drop offs to the school gate.

3.16	Develop EV charging plan, with initial focus on Basingstoke town but to then expand to wider borough	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Summer 2022	Completed	Climate Change and Sustainability Team	Plan in place	This is being progressed through a number of actions associated with EV charging, albeit not specifically in terms of a strategy, the need for which has been superseded. Action to be removed.
3.17	Develop the provision of an electric car club in Basingstoke, including the provision of pool cars for the Borough Council	<b>Council/ Borough:</b> Council and Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Medium (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	2023	In Progress	Climate Change and Sustainability Team	No of EV cars provided and usage	Newly introduced item

#### 4. Zero carbon electricity:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 Update
4.2	Review suitability of council buildings/land for installation of renewable electricity generation	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High	<b>Cost:</b> Low (£) Minimal cost to review – projects would need to be scoped subsequently  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	By late 2022	In Progress	<b>Property Team</b>  <b>Investments Team?</b>  <b>Climate Change and Sustainability Team</b>	No. of sites identified  Installed renewable capacity	Initial focus on looking at council operational buildings as part of energy audits undertaken (actions 2.4 & 2.5) with results due to be received and analysed late 2022/early 2023.
4.3	Engage with strategic infrastructure providers National Grid and SSE Networks to ensure borough is supporting national decarbonisation efforts and has sufficient capacity and investment for shift to low carbon electricity and electrification of heat and transport.	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> None (Staff time)  <b>Funding Source:</b> N/A  <b>Income Generation?:</b> No	Ongoing	Ongoing work	<b>Climate Change and Sustainability Team</b>  <b>Planning Policy</b>  <b>Borough Development</b>		This action is ongoing. Discussions are underway with Hampshire County Council about ensuring a joined-up approach with neighbouring authorities.

4.4	Investigate potential to participate in energy innovation schemes as part of transition to smarter more flexible energy system	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> TBC	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	Ongoing	Ongoing work		Participation/involvement in schemes	No local opportunities identified at this stage, however, will continue to scan for opportunities.
4.5	Promote local and community energy projects where applicable, including development of toolkit and guidance	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Toolkit developed by Q2 2021	Ongoing work	Climate Change and Sustainability Team	No. of community energy groups  No./capacity of installations	Community Energy South's Pathways project has now launched with Hampshire County Council as they promote and support community energy roll out across Hampshire, providing mentoring for community groups and helping them access funding. Test source community energy is set up and Loddon community energy is in the process of incorporating. Test source has 3 projects with one at contract stage. The council is considering how best to support community energy more tangibly, as part of wider consideration of renewable energy in the development.  The Hampshire County Council Solar Together scheme (first phase) had 130 offers, 98 acceptances, an acceptance rate of 76%. Phase 2 has recently closed with 1,561 registrations, almost twice as many as Phase 1.  Residential grant schemes (see actions 2.13, 2.14 and 2.15) also support the installation of solar PV, which has

								<p>been one of the more popular measures, with nearly 50 installations for low income households living in the least efficient properties.</p> <p>Further studies are also now being considered to further support local renewable energy and the role community energy can play in supporting this.</p>
4.6	Enable renewable energy generation through policies in the Local Plan Update	<p><b>Council/Borough:</b> Borough-wide</p> <p><b>Emissions Reduction:</b> Low (Enabler)</p>	<p><b>Cost:</b> None (Staff time)</p> <p><b>Funding Source:</b> N/A</p> <p><b>Income Generation?:</b> No</p>	2020-2024	In Progress	<p>Planning Policy Team</p> <p>Climate Change and Sustainability Team</p>	<p>Total installed renewable capacity</p> <p>% of demand met by renewables</p>	<p>As per Action 2.9, this action is linked to the Local Plan Update process. An evidence base on low carbon policies also included a study on renewable energy potential in the borough. Draft policies successfully discussed with external groups and presented to Economy, Planning and Housing Committee in early 2022.</p> <p>However, consultation on the draft plan has now been delayed until Autumn 2023 given work required on other areas.</p>

## 5. Waste and consumption:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 Update
5.1	Review and update Procurement Strategy and processes to consider whole life carbon footprint of goods and reduce this in our procurement decisions	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress	<b>Procurement Team</b>  <b>Climate Change and Sustainability Team</b>	Updated strategy  Reduction in Scope 3 emissions	A procurement checklist is being developed to provide guidance to budget holders at Basingstoke and Deane Borough Council (Basingstoke and Deane Borough Council) in order that budget spend is in line with the Climate Change and Air Quality Strategy.  Consideration being given to how climate change can be included more formally in procurement/tenders
5.2	Provide internal training on sustainable procurement to embed the above	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Ongoing	In Progress	<b>Procurement Team</b>  <b>Climate Change and Sustainability Team</b>	Tracking climate change/carbon footprint as inclusion in tenders	To be completed once the Procurement guidance is in place.
5.3	Reduce paper consumption, going paper-free for members.	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Q2 2021	Ongoing work	<b>Democratic Services</b>  <b>Climate Change and Sustainability Team</b>	Paper purchasing rates	Council agendas/papers remain printed, although discussions are ongoing with group leaders to encourage those that don't need printed papers for accessibility reasons to switch.  Rates on paper consumption are being collated following the return to office.



5.4	Eliminate single-use plastics in council vending machines	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£) <b>Funding Source:</b>  <b>Income Generation?:</b> No	Q1 2021	Completed	<b>Waste services team</b>  <b>Climate Change team</b>	Zero single-use plastics present	No vending machines now present as part of office consolidation
5.5	Undertake estimate/analysis of Scope 3 emissions from council activities	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> Low (£) <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	By Q1 2023	In Progress	<b>Procurement Team</b>  <b>Climate Change and Sustainability Team</b>	Scope 3 emissions included in next council carbon footprint and action plan	Study not yet undertaken, until guidance in place to address emissions arising from council contracts and procurement. Once Action 5.1 enacted this will be important in monitoring success
5.6	Work with Hampshire County Council to reduce waste generation and increase recycling rates through education programmes	<b>Council/ Borough:</b> Borough- wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	<b>Waste services team</b>  <b>Hampshire County Council</b>	Waste tonnage rates  Recycling tonnage rates	The tonnage has decreased slightly over the last year by over 700 tonnes. From 10,829 to 10,106 tonnes. Unaudited recycling rate for 21/22: 21.34% Unaudited compost rate for 21/22: not including garden waste. 19.78% of recyclables collected are disposed of as contamination (non-recyclable items). There have been education and awareness programmes via social media, and a borough-wide leaflet and a county-wide radio campaign is planned for the end of this year. The Waste team are also running a stall for green week in 2 weeks, with advice on recycling and reducing food waste.

5.7	Work with Hampshire County Council to tackle food waste, including education programmes such as Love Food, Hate Waste, alongside consideration of food waste collection	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	<b>Waste services team</b>  <b>Hampshire County Council</b>	Food waste reduction, where measurable	Hampshire County Council have launched their Hampshire Kitchen Heroes which we are promoting. A video is also planned for education in schools for next year. The climate team have recruited 3 more food waste champions who have just completed their training with Hampshire County Council, which is now online and easier to access. There has not been another report on rates of food waste by Hampshire County Council, although research from Wrap indicated that over Covid rates reduced, as people were spending more time at home, and has then started to increase again following relaxation in restrictions.
5.8	Promote 'buy local' to reduce goods mileage and support local businesses, including via a local e-commerce platform	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> Low (£)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	Ongoing work	<b>Economic Development</b>  <b>Climate Change and Sustainability team</b>	Traffic and purchases via local e-commerce platform  'Borough Basket' website now operational	The Borough Basket online platform has grown to list 71 local businesses, attract 2,000 users and reach 120K people on social media. Welcome Back funding enabled it to evolve into a monthly outdoor street market during warmer months from July 2021, and this Christmas the Borough Basket Street market will take over an empty unit in Festival Place

5.9	Support for refill and repair shops to reduce single-use waste	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	TBC	In Progress		No. of available shops/facilities	There are 5 refill centres (3 shops and 2 stalls) and 3 repair cafes in the borough. These were invited to participate in Green Week, especially the zero-waste market.
5.10	Investigate how to develop estimates for carbon footprint of residents' diets, to shape education on lower carbon lifestyle	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> TBC  <b>Funding Source:</b> Staff time  <b>Income Generation?:</b> No	2022	To be actioned		Future inclusion of diet emissions within footprint and actions to address	<p>Community carbon calculator tool is effective, however, more suitable for providing support to town and parish councils and community groups, who can focus attention more effectively on action that reduce emissions from consumption.</p> <p>Action to support individuals and groups take action, and education on a lower carbon lifestyle is covered in Section 1.</p>

## 6. The natural environment:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	Nov 2022 Update
6.1	Continue to effectively manage existing council-owned green spaces and natural environment	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High (c. 2000 tCO2e per year)	<b>Cost:</b> TBC  <b>Funding Source:</b> Existing budgets  <b>Income Generation?:</b> TBC	Ongoing	Ongoing work	<b>Natural Environment Team</b>  <b>Parks and Streetscene</b>	Area of owned/managed green space.  Habitat types  Carbon sequestration values	Council-owned land continues to play an important role in absorbing carbon and reducing our net emissions, alongside wider biodiversity and social benefits.
6.2	Improve accuracy of data on council green space ownership and use this to refine calculations for carbon absorption rates	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low (Enabler)	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Q4 2022	In Progress	<b>Natural Environment Team</b>  <b>Climate Change and Sustainability Team</b>	Data granularity	Initial lack of success in finding suitable consultant to undertake work, however, this was commissioned in October 2022 and so results are expected over Winter, to look at council land and that managed on behalf of others.
6.3	Identify suitable green spaces and enhance management to improve carbon lock up, whether through change in management approach or conversion in use	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Medium	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Q4 2022	In Progress	<b>Natural Environment Team</b>  <b>Climate Change and Sustainability Team</b>	Habitat types & quality  Changes in carbon absorption rate	Study identified in 6.2 is also due to set out options for the council to improve carbon sequestration rates on council-owned land, and that which the council manages on behalf of others.  Some potential land has been identified and results are expected over winter.

6.4	Work with suppliers and contract providers to utilise local, natural offset as a last resort after carbon reduction, in support of procurement practices	<b>Council/ Borough:</b> Council Operations & Borough-wide  <b>Emissions Reduction:</b> Variable	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	TBC – in tandem with procurement strategy	To be actioned	All  Climate change and Sustainability team	Tracking carbon footprint of suppliers – reduced Scope 3 emissions	To be progressed once Action 5.1 and 5.5 undertaken. Links to the hierarchy set out in recent Cabinet decision on council approach to offsetting.
6.5	Local Plan Update to include strong policies to maintain, preserve and enhance trees, hedgerows and green space across the borough	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High (Enabler)	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	2020-2024	In Progress	Planning Policy	Total natural coverage and habitat types in the borough	<p>As per Action 2.9, this action is linked to the Local Plan Update process. Draft policies successfully discussed with external groups and presented to Economy, Planning and Housing Committee in early 2022. including tackling the ecological emergency as a key aspect.</p> <p>However, consultation on the draft plan has now been delayed until Autumn 2023 given work required on other areas.</p>
6.6	Work with our local landowners to investigate and establish a community / regional authentic offset programme which businesses and communities can be a part of. Creating a mix of new commercial and community resource woodlands and green spaces across the borough. Also	<b>Council/ Borough:</b> Borough-wide  <b>Emissions Reduction:</b> High	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	Complete investigation by Q4 2023	In Progress	Property Services  Natural Environment Team	<p>Programme in place</p> <p>Reduced net emissions for the borough</p>	<p>As per recent Cabinet decision, reducing emissions and improving carbon sequestration on council land remains the priority, however, there is also an appetite to increase availability of verified local nature-based schemes.</p> <p>The study being undertaken under Action 6.2 &amp; 6.3 is expected to provide further options on this, and conversations are underway with companies that are part of the Woodland Carbon Code.</p>

	utilise proposition to tackle nitrates issue, affecting development in the borough							
6.7	Develop more robust resilience/adaptation plan, maximising the benefits of the natural environment in this area	<b>Council/Borough:</b> Council Operations & Borough-wide  <b>Emissions Reduction:</b> None	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	2024	To be actioned	TBC	Plan in place	No specific plan developed.  Evidence base work for Local Plan completed during 2022, although broader work on the Local Plan Update now delayed.  Consideration to resilience and adaptation given on a project-by-project basis in council major projects, such as Town Centre redevelopment

## Archived/completed actions:

Action number	Action	Emissions Impact	Indicative cost	Responsibility	KPI/ measure of progress	Final Update
1.1	Develop new e-learning module for all council staff, to increase awareness of climate change and personal actions to address, both at work and in home life	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Low	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	HR  Climate Change and Sustainability Team	Completed courses Tracking staff commitments	Course completed and rolled out in Jan 2021.  Completed by nearly 70% of staff.  This training will also be highlighted in training material for new (and existing) councillors.
1.2	Climate change impact included in report templates, to embed in decision-making criteria	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Variable	<b>Cost:</b> None  <b>Funding Source:</b> Internal resources (Staff time)  <b>Income Generation?:</b> No	Democratic Services  Climate Change and Sustainability team	Decisions with positive impact CO2 savings, where available	Climate change implications now considered in all decision reports.  Positive changes have been introduced in over 20 cases as a result of review of documents by the climate change team.
2.1	Procuring renewable energy (electricity and green gas) through our existing LASER framework for the new contract, to power and heat our operational buildings, for which we are responsible for utility contracts	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High (700 tCO2e for electricity)	<b>Cost:</b> Low Uplift  <b>Funding Source:</b> Existing budgets  <b>Income Generation?:</b> No	Procurement  Facilities  Climate Change team	Commencement of new supply contract  CO2 reduction	Contract commenced 1 October 2020.  Over 320 tCO2 reduction based on market-based emissions reporting based on only 6 months.

2.2	Work with contract provider to cost and explore powering leisure facilities using renewable energy	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High (300 tCO <sub>2</sub> e for electricity)	<b>Cost:</b> TBC  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> TBC	<b>Borough development</b>  <b>Procurement</b>  <b>Climate Change and Sustainability team</b>	Agreement reached  Measured CO <sub>2</sub> reduction	Contract provider procures REGO-backed renewable energy for leisure supply contract.  260 tCO <sub>2</sub> saving this year based on market-based emissions reporting. Wider audits as part of Action 2.5.
2.7	Install LED lighting in Eastlands council car park (as demo project for wider rollout)	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> Medium (c. 28.5 tCO <sub>2</sub> e per year)	<b>Cost:</b> High (£100k)  <b>Funding Source:</b> TBC  <b>Income Generation?:</b> No	<b>Facilities</b>  <b>Property &amp; Assets</b>  <b>Climate Change and Sustainability team</b>	Reduced electricity consumption and CO <sub>2</sub>	Work completed in early 2021 with handover in March 2021.  Modelled savings of 90% compared to previous baseline, although this is with the staff car park getting minimum use.  c.19 tCO <sub>2</sub> savings realised over 10 months.  Modelled savings of nearly 170,000 kWh of electricity during 21/22 - 90% compared to baseline.
4.1	Switch to renewable electricity as part of energy supply contract, for our operational buildings	<b>Council/ Borough:</b> Council Operations  <b>Emissions Reduction:</b> High (700 tCO <sub>2</sub> e)	<b>Cost:</b> Low uplift  <b>Funding Source:</b> Existing budget  <b>Income Generation?:</b> No	<b>Facilities Team</b>  <b>Climate Change and Sustainability Team</b>	CO <sub>2</sub> reduction in annual reporting	Contract commenced 1 October 2021.  320 tCO <sub>2</sub> reduction based on market-based emissions reporting