



Basingstoke and Deane Climate Emergency Action Plan 2023 to 2024



This is the third 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 progress against the 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	2023 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	<p>Council/Borough: Council Operations</p> <p>Emissions Reduction: Low</p>	<p>Cost: None</p> <p>Funding Source: Internal resources (Staff time)</p> <p>Income Generation?: No</p>	Ongoing	Ongoing work	HR Climate Change and Sustainability Team	<p>Completed courses</p> <p>Tracking staff commitments</p>	<p>Internal climate change e-learning course updated in October 2023. Previous course had been completed by 75% of staff. This has dropped since previous years due to staff churn, hence the need for a refresh.</p> <p>Training was provided to members in Nov 2022 and is due to be run again in late November 2023.</p> <p>A new induction process is currently under development with HR, with climate change materials prepared for inclusion in this.</p> <p>Wider internal engagement programme being finalised for launch in late 2023/early 2024.</p>
1.3	Review and update internal staff policies to enable and promote sustainable working choices	<p>Council/Borough: Council Operations</p> <p>Emissions Reduction: Low</p>	<p>Cost: None</p> <p>Funding Source: Internal resources (Staff time)</p> <p>Income Generation?: No</p>	Spring 2023	In Progress	HR Climate Change and Sustainability Team	<p>Reduction in 'grey fleet' or business mileage</p>	<p>Hybrid working remains the norm at the council. Review of benefits now undertaken, but further work to consider how this can impact working practices and reduce the need for travel for work.</p> <p>Action 3.17 to develop an electric car club, also used as pool cars, should also support a move to less work travel and reduce mileage.</p> <p>Further promotion of travel benefits planned, including pool bike available</p>

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	Council/ Borough: Council Operations and Borough-wide Emissions Reduction: Low (Enabler)	Cost: Low (£) Funding Source: Internal resources (Staff time) Income Generation?: No	Ongoing	Ongoing work	Economic Development Climate Change and Sustainability team	Number of meetings held	<p>Low Carbon Energy Group was part of the Basingstoke Area Strategic Partnership, which no longer meets. Alternative umbrella networks are now being explored.</p> <p>Separately, we have regular meetings with Greener Basingstoke (previously Basingstoke Transition Network) and Natural Basingstoke, to challenge us on our strategy and plans.</p> <p>We also have Basingstoke Area Sustainability group (BAS) of local active parish councils and climate change groups (such as Sustainable Silchester, Wilder Bramley) who meet every 2 months to share progress and learning, with a programme of talks and Q&A sessions from a variety of organisations. We also run goal setting and planning workshops, funding workshops, a thermal imaging workshop, and issue regular appropriate updates from local council/government initiatives</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'	<p>Council/Borough: Borough-wide</p> <p>Emissions Reduction: Variable (40 – 200 tCO2e per community)</p>	<p>Cost: Low (£)</p> <p>Funding Source: Climate Change budget</p> <p>Income Generation?: No</p>	Ongoing	Ongoing work	<p>Connected Communities Team</p> <p>Communications</p> <p>Climate Change and Sustainability Team</p>	<p>No. of town/parish councils with Climate Emergency or where the parish council supports a local group</p> <p>No. of events or campaigns supported</p> <p>CO2 savings per community</p>	<p>We now have 3 climate toolkits - one for individuals, one for communities, and one for businesses/SMEs.</p> <p>From the responses to the climate change group and parish council questionnaire, we have put together and run 2 goal setting and planning workshops for local groups/parish councils, as well as a funding workshop via BVA.</p> <p>We have grown the membership of the BAS (Basingstoke Area Sustainability) group to 17 parishes/groups, that now covers more areas where new groups are starting: e.g. Sustainable Baughurst, North Hants and Chineham Repair cafes, Bramley Greener Homes. We have bimonthly meetings with a relevant speaker (e.g. rainwater harvesting, retrofit, renewables in conservation areas etc).</p> <p>We are also working with Greener Basingstoke to encourage new members to set up new groups in their areas.</p> <p>Green Week 2023 was run w/c 10th June, and saw excellent engagement at various events, including schools who decorated a pledge tree for the climate pledges, performances by local sustainability artist Junk Jodie, new waste reduction champions running workshops for families in the Discovery Centre library, demos of upcycling and bike repairs from the Community Furniture Project, and repair cafe Makerspace both in empty units in Festival Place shopping centre.</p> <p>We also have recruited a new Green Team of 4 sustainability advisors trained as retrofit</p>
-----	---	--	--	---------	--------------	---	---	---

advisors and energy efficiency advisors and 1 supervisor to go out and about in the borough to engage with local residents and businesses, giving sustainability advice, signposting to grants, carrying out in home thermal imaging surveys

£19,000.00 of funding provided through the Strengthening Communities Grant to Calleva Energy, Loddon Community Energy and Test Source Community Energy to support them in promoting and delivering community energy projects.

Community Infrastructure Fund launched through which community organisations and parish and town councils can apply for up to £50,000 of funding to make physical improvements to their premises to improve the user and resident experience, increase income generation and reduce costs and make environmental improvements. Deadline for applications is October 1.

1.5a	To provide a high-performing Green Team service to engage with local residents and SMEs to promote carbon-saving behaviour change	Borough wide	Cost: High Funding source: council budget Income generation: potentially with EPCs or surveys	Launched August 2023 for a 2 year period	In Progress	Climate Change and Sustainability team	Feedback from residents and community groups, measures installed (e.g. energy saving measures). Also number of thermal energy surveys carried out	New action for 2023 - building on more general support in Action 1.5 Team launched, and already engaging with various forums and groups. Engagements are promoted on our website. The Green Team are developing much of our Local Energy Advice Demonstrator activity - thermal surveys and advice via a co-branded platform (see Action 2.16a)
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	Council/Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: Climate Change budget Income Generation?: No	Q1-2021 Q4 2022-23	Completed	Communications Team Climate Change and Sustainability team	New page website live Tracking actions/ideas received	New action to replace 1.6 with 1.6a Maintain and update climate change web pages, including on both the council's corporate website and its Sustainable Basingstoke identity, to provide relevant information to communities about climate action and how they can make a difference.
1.6a	Maintain and update climate change web pages, including on both the council's corporate website and its Sustainable Basingstoke identity, to provide relevant information to communities about climate action and how they can make a difference	Council/Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: Climate Change budget Income Generation?: No	Ongoing	Ongoing work	Communications Team Climate Change and Sustainability team	Tracking page visits and 'interactions' with pages and Sustainable Basingstoke	New action following the completion of action 1.6

1.7	Investigate broader engagement and behavioural change methods for residents to take action throughout the borough, ensuring reflective representation	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Medium (££) Funding Source: Internal resources (Staff time) Income Generation?: No	Q4 2022-23	In Progress	Communications Team Policy Team Climate Change and Sustainability team	Actions included in next Action Plan	<p>New Sustainable Website (www.sustainable-basingstoke.co.uk) has been launched, together with a Facebook page.</p> <p>We have launched a reusable cup scheme, branded with the Sustainable Basingstoke logo, which is running in a number of local independent cafes, as well as running a walking and cycling campaign in Spring/Summer 2023, extolling the health, cost and carbon benefits of active travel.</p> <p>The residents survey in 2022 had three climate change questions. The team are now planning launch further research/engagement with residents to investigate motivations and aid behaviour change.</p>
1.8	Convene summit Provide support for local businesses to understand issues and support development of their own actions	Council/ Borough: Borough-wide Emissions Reduction: Neutral	Cost: Low (£) Funding Source: TBC Income Generation?: Possible (Low £)	TBC	In Progress	Economic Development Climate Change and Sustainability team	Summit held. No. of businesses in attendance and that make their own commitments	<p>We continue to support the North Hampshire Sustainable Business Network (SBN), led by local business Carbon Footprint, and sit on the steering committee.</p> <p>We are also running a Climate Essentials pilot for 10 organisations (ends Spring 2024) to help them measure their emissions by scope, identify quick wins, produce a carbon emissions plan, and start to take carbon-reducing actions. These will then provide case studies which can help other organisations.</p> <p>The council also commissioned a solar capacity study of non-domestic rooftops in the borough to understand potential and provide an indication of viability for businesses, with the intention of overcoming an initial hurdle for them. We are in the process of emailing the reports out to the businesses (1700 buildings) and also have provided log ins for the 3 local community energy companies (Loddon, Calleva</p>

								and Test Source Community Energy) so they can help businesses who cannot/don't wish to raise the capital for an installation, if viable for the Community Energy model. The council is not expecting to run a specific event but are attending the Destination Basingstoke November Sustainability Expo.
1.9	Work with other business reps (e.g. FSB, Chamber of Commerce, LEP) to develop net zero group for businesses for mutual challenge and support	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: Low (£) Funding Source: TBC Income Generation?: No	TBC	To be actioned	Economic Development Climate Change and Sustainability team	No. of businesses involved Proportion of businesses represented	BDBC intend to support the Destination Basingstoke November Sustainability Expo. The Green Team and the Climate Change team will be attending with a stall. The council continues to support and promote the SBN, which is designed to target SME's and help them reduce carbon emissions and become more sustainable.
1.10	Lobbying other organisations, including government, to work at pace to deliver reductions in emissions, including through consultation responses	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: No	Commenced and On-going	In Progress	Policy and Performance Team Climate Change and Sustainability team	Log of consultation responses made referring to climate change	The council has responded to numerous consultations. Recently the Council has written to the government for additional support. on 1 September 2023 the council requested additional support to improve domestic properties in order to tackle fuel poverty and climate change On 4 September the Council also wrote to government to pledge further action and to match the ambition of local councils.

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	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: Internal and European Grant Funding Income Generation?: No	Q3 2021 – Q2 2023	Completed	Economic Development Climate Change and Sustainability team	Businesses supported. Modelled carbon reduction	LoCASE Project finished in Summer 2023. Overall, almost £120,000 was agreed to be provided to businesses within Basingstoke and Deane, albeit some payment was still outstanding as of November 2023
1.12	Support and tools for businesses to understand climate change and take action to tackle this	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: No	Ongoing	In Progress	Climate Change and Sustainability team Economic development	Businesses supported. Feedback sought	Business toolkit completed and on website. Climate Essentials Carbon Footprint measuring pilot launched Spring 2023 for 10 SMEs. Runs for 1 year, completion end March 2024. This will provide case studies that we will publish to help other businesses. In addition, the newly launched Green Team will be providing support to small businesses from November 2023
1.13	Further consideration and communication of co-benefits of climate action, in order to increase desire to tackle climate action, particularly from those who may not have a particular environmental concern	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: No	Ongoing	In Progress	Climate Change and Sustainability team Communications		Council launched a walking and cycling campaign in Spring/Summer 2023, extolling the health, cost and carbon benefits of active travel to trial messaging around co-benefits of action. Messaging of the Green team at launch has included focus on opportunity to save money by reducing energy consumption, alongside environmental benefits

1.14	Engaging with schools to drive engagement in events and increase awareness of possible action, including for parents	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: No	2023	In Progress	Climate Change and Sustainability Events	No. of positive school links Involvement in council initiatives e.g. Green Week	<p>We have engaged with the school department at HCC, to enable coordination of any activity across the councils. We have suggested the energy sparks scheme to the HCC Schools energy team. We also plan to produce a simple school signposting climate change toolkit on the website, as well as contacting all schools in the borough to encourage them to sign up to let's go zero schools programme, potentially looking at involving the green team, and investigating further support.</p> <p>We ran a schools letter to the future writing competition for Green Week in September 2022</p> <p>We have engaged with Hatch Warren infant school for Green Week 2023, who designed a pledge tree, and many children and parents came to the Green Market to pledge, and take part in the photo call.</p> <p>We also have built a strong link with our FE colleges: Queen Mary's College is taking part in our climate essentials programme, and we are continuing to engage with BCoT in this as well as retrofit and skills training</p>
------	--	---	--	------	-------------	---	--	---

2. Buildings:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	2023 Update
2.8	Work with development partners to ensure new council commercial building development to be as energy efficient as a possible	Council/ Borough: Council Operations and Borough-wide Emissions Reduction: High	Cost: High (£££) Funding Source: TBC Income Generation?: TBC	Ongoing	In Progress	Property & Regeneration Climate Change and Sustainability team	Energy efficiency ratings of new developments	No material updates. No commercial development during 2022/23
2.9	To include climate change mitigation and adaptation as a central theme within the Local Plan Update. Aspirations that all residential development will be net zero carbon in operation, have low embodied carbon, with high energy efficiency standards in non-residential development, being as aspirational as possible for the built environment, both domestic and non-domestic, within national planning framework	Council/ Borough: Borough-wide Emissions Reduction: High (Enabler)	Cost: None Funding Source: TBC Income Generation?: TBC	2020 – 2025	In Progress	Planning Policy Climate Change and Sustainability team	Local Plan Issues and Options consultation. Policy development with Local Plan MAP – meetings held	Draft policies are being prepared for formal public consultation (known as 'Regulation 18') in early 2024. Currently proposed policies are more ambitious than those presented to Economy, Planning and Housing Committee in early 2022, requiring residential development to be net zero carbon in operation. This will ensure highly energy efficient buildings, coupled with onsite energy generation, where possible.

2.10	Use of Development Management service to improve energy efficiency and consider climate change in advance of updated planning guidance	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Commenced and on-going	Ongoing work	Planning & Development Climate Change and Sustainability team	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	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: High (£££) Funding Source: TBC Income Generation?: TBC	2023 onwards	To be actioned	Property & Regeneration Climate Change and Sustainability team	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	Develop plan to support private landlords in meeting Minimum Energy Efficiency Standards (MEES). Appropriate enforcement action utilised where required	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Ongoing	Ongoing work	Environmental Health Climate Change and Sustainability team	Plan developed. Ongoing monitoring of non-domestic EPC improvements	£2,475 provided in landlord grants (see Action 2.13) issues in 2022/23 financial year. We are now seeking to review the effectiveness of the landlord grant Our Housing team uses Housing Orders rather than MEES in order to get work done, as it allows for a high monetary amount than MEES.

2.13	<p>Promote and support existing energy efficiency improvement programmes e.g. ECO and local loan & grant programme and the Sustainable Warmth programme delivering the Local Authority Delivery scheme and Home Upgrade Grant</p>	<p>Council/ Borough: Borough-wide</p> <p>Emissions Reduction: Medium</p>	<p>Cost: Low (£)</p> <p>Funding Source: TBC</p> <p>Income Generation?: TBC</p>	Ongoing	Ongoing work	<p>Climate Change and Sustainability team</p> <p>Communications</p>	<p>No. of ECO installations and estimated CO₂ reductions</p> <p>No. of Loan/grants provided</p>	<p>The council is working with a number of partners to offer support for residents to improve their energy efficiency.</p> <p>The primary opportunities have been through the Local Authority Delivery (LAD) scheme and the Home Upgrade Grant (HUG). The council is part of a consortium of other local authority partners to deliver the schemes, headed up by Portsmouth City Council.</p> <p>The LAD scheme has now ended with the final figures for LAD3 in Basingstoke and Deane: 128 measures completed at 81 properties. There are 145 active measures, with an additional 3 properties partially completed</p> <p>The Home Upgrade Grant (HUG) is now on phase 2. The final figures for HUG1 were 59 measures at 34 properties.</p> <p>The council have published their statement of intent for ECO4 Flex and Great British Insulation Scheme.</p> <p>The council are working with partners to administer the schemes and are looking to create an easy referral route for residents.</p>
2.16	<p>Provide support for retrofit of domestic and commercial properties to reduce energy demand</p>	<p>Council/ Borough: Borough-wide</p> <p>Emissions Reduction: High</p>	<p>Cost: TBC</p> <p>Funding Source: TBC</p> <p>Income Generation?: TBC</p>	Q4 2022	In Progress	Climate Change and Sustainability team	Plan in place	<p>The launch of the Green Team and the Local Energy Advice Demonstrator will be focused on supporting actions to reduce energy use and increase energy efficiency in buildings.</p> <p>The council continues to engage with Hampshire County Council and its partners, on a proposal for a Hampshire-wide retrofit scheme, as well as with Housing Associations to consider collaboration there.</p>

2.16a	Deliver Local Energy Advice Demonstrator project	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: £197k Funding Source: Government grant Income Generation?: TBC	Until March 2025	To be actioned	Climate Change and Sustainability team	KPIs as per LEAD project, including: No of residents provided with advice No. of home appraisals, surveys and assessments undertaken Actions taken as a result Modelled carbon savings	New Action Following successful award of grant funding the council will be delivering a project under the Local Energy Advice Demonstrator.
2.17	Promote and support rollout of low carbon heating, including investigating zero carbon hydrogen possibilities	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: 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	HUG1 had 11 air source heat pumps installed and 8 high retention storage heaters. Supported the opening of a heat pump showroom in Basingstoke and promoted renewable energy at Green Week in June 2023 LAD3 had 3 hybrid air-source heat pumps, and 2 air source heat pumps. The Boiler Upgrade Scheme has been running for over a year and is promoted on the council's energy efficiency loans and grants page. There is not data available on uptake of the scheme at a local authority level. The Green Team are now promoting low carbon heating as part of their work and the council will track this as part of participation in the Local Energy Advice Demonstrator project.

2.18	Work with Housing Associations to improve social housing stock	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Medium (££) Funding Source: TBC Income Generation?: No	TBC	In Progress	Housing and Social Inclusion Climate Change and Sustainability team	No. of HA retrofit installations. EPC ratings of social housing	Council is engaged with housing associations across the borough, particularly Sovereign and Vivid. During the last year Vivid have delivered 20 upgrades to the worst performing properties.
2.20	Development of detailed design for decarbonisations works at Tadley Fitness Centre	Council/ Borough: Council emissions Emissions Reduction: Medium - c. 200t CO1	Cost: High (££) c. £1m Funding Source: TBC Income Generation?: No	2022 - 2024	To be actioned	Property and Assets Healthy Communities	Plan for required works produced	Detailed design not yet produced, however, initial meetings with potential contractors have been undertaken, alongside site visits of similar schemes in nearby locations. Expect to tender for works based on design in Q2 2024
2.21	Operational property next steps - reviewing reports and capital works	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: TBC Funding Source: TBC Income Generation?: TBC	2027	In Progress	Property & Assets Climate Change and Sustainability team	Plan for works produced	A capital budget was approved in early 2023 of £0.5M each year from 2023/24 to 2026/27 based on the outcomes from the energy audits conducted in 2022. So far during 2023 some initial remedial works and quick wins have been undertaken, with modelled savings of XX tonnes of CO2e. Work is due to accelerate. Also exploring opportunity of installing solar on more council owned buildings

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	Council/ Borough: Borough-wide Emissions Reduction: Enabler	Cost: TBC Funding Source: TBC Income Generation?: TBC	TBC	In Progress	Economic Development HCC/EM3/colleges Climate Change and Sustainability team		<p>We have engaged with Trustmark (based locally), the government endorsed database for quality work within the home, to try to get more Trustmark-registered installers locally (none in the borough at present), ideally on their new Licence Plus.</p> <p>We are engaging with BCoT, HCC , the Retrofit Academy, and Net Zero Solutions to help augment the new BCoT Green Skills centre in Bordon to include insulation and retrofit training.</p> <p>Commitment from Manydown Development Company included in the draft S106 Employment and Skills Plan to promoting careers related to sustainable construction and identifying skills gaps and working with providers, such as BCoT, to develop training programmes which upskill local students with green energy skills and sustainability.</p>
------	--	--	---	-----	----------------	---	--	--

3. Transport:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	2023 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	<p>Council/ Borough: Council Operations</p> <p>Emissions Reduction: Medium (Up to 250tCO2e + NO2 and PM)</p>	<p>Cost: Very High (££££) c.£1m for current alternatives</p> <p>Funding Source: TBC</p> <p>Income Generation?: TBC</p>	Ongoing	Ongoing work	Parks and Streetscene	<p>Proportion of electric fleet</p> <p>Reduction in fuel use & associated CO2e emissions</p>	<p>Two electric vehicles purchased to replace conventionally powered small vans for the Operations Team and another is due to be purchased before 31 March 2024.</p> <p>Two other new electric vehicles purchased - a replacement van for the council's dog warden and one for the Green Team.</p> <p>The Operations Team continue to review the vehicle replacement programme annually to assist with identifying further suitable electric vehicles for the fleet.</p> <p>All ride on mowers are now powered with alternative HVO fuel. Following the successful trial of HVO in other vehicle types, 7 road sweepers, two tippers and one small van are now permanently powered with HVO fuel. Based on government conversion factors, using HVO can have up to 98% lower carbon emissions compared to diesel. An initial five vehicles were trialled using HVO, two sweepers, two tippers, and a small van. These five vehicles switching to HVO from diesel could save approximately 30 tCO2e per year. This trial has been extended to a further six sweeper vehicles that could lead to an additional saving of around 70 tCO2e annually.</p> <p>Overall, in 2022/23 moving to HVO has reduced carbon emissions by approximately 136 tCO2e compared to diesel.</p>

3.2	Increase chargepoints available on council sites for operational vehicles and staff, particularly required to enable electrification of operational vehicles	Council/ Borough: Council Operations Emissions Reduction: Low (Enabler)	Cost: Medium (££) Up to £140k, depending on number installed Funding Source: TBC Income Generation?: No	Ongoing	Ongoing work	Sustainable Transport Officer Facilities	No. of council chargepoints installed Chargepoint utilisation	Issues with installation of staff EV charging in Eastlands staff car park - planning permission now submitted for the re-location of these chargers which will significantly increase staff charging provision. At least 24 staff now own electric vehicles (up from 13 last year).
3.3	Review HR policies to consider reduction in staff travel and promotion of ultra-low emission vehicles being used wherever possible	Council/ Borough: Council Operations Emissions Reduction: Low (Carbon, NO2 and PM)	Cost: None (Staff time) Funding Source: N/A Income Generation?: No	Mid 2023	In Progress	HR Climate Change and Sustainability Team	Reduction in 'grey fleet' mileage No. of staff with EVs	Pay and benefits review undertaken for staff with core benefits pertaining to travel all being retained, such as cycle to work scheme and salary sacrifice for electric vehicles. Further work to be done on promoting benefits and increasing take-up of these benefits, linked to staff travel plan (Action 3.4). At least 24 staff now own electric vehicles (up from 13 last year). Work on electric car club (Action 3.17) will also support implementation of this action.
3.4	Survey staff commuting and update staff travel plan, including increase in flexible working	Council/ Borough: Council Operations & Borough-wide Emissions Reduction: Low (Carbon,	Cost: None (Staff time) Funding Source: N/A Income Generation?: No	Summer 2022 – early 2023 By mid-2024	In Progress	Climate Change and Sustainability Team	Reduction in commuting miles	Adoption of staff travel plan delayed and not yet complete. Due to be revised following staff pay and benefits review.

		NO2 and PM)						
3.5	Work with waste services provider to increase efficiency throughout contract and continue to reduce emissions where possible	Council/Borough: Council Operations Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: No	Ongoing	Ongoing work	Waste Team Climate Change and Sustainability Team	Waste fleet mileage/fuel consumption and associated CO ₂ emissions	Emissions from the council's waste contract with Serco have increased considerably in 22/23 compared to 21/22. This was primarily as a result of operational issues on the contract which meant additional crews/vehicles/rounds were deployed. Additionally, there was a significant increase in recycling tonnage, resulting in additional vehicle loads/strain and increased mileage to tipping locations .
3.6	Development of a Mass Rapid Transit network as a strategic public transport route	Council/Borough: Borough-wide Emissions Reduction: High	Cost: High (£££) Funding Source: TBC Income Generation?: TBC	By 2030. Blueprint to be complete by late 2021- TBC	In Progress	HCC	Completion of blueprint	Work is continuing with HCC who are working on plans. The council is awaiting further detail from them on future plans.
3.7	Undertake study of walking and cycling alongside HCC and their Local Cycling and Walking Infrastructure Plan, currently in development, in order to provide for and promote active transport	Council/Borough: Borough-wide Emissions Reduction: Medium	Cost: Medium (££) Dependent on schemes identified Funding Source: TBC Income Generation?: TBC	Study to be complete by Q3 2022	Completed	HCC Climate Change and Sustainability Team	LCWIP in place Increased prevalence in walking/cycling	Local Cycling and Walking Infrastructure Plan work now concluded, working with Hampshire County Council (HCC). The plan enables HCC to prioritise projects and make the most of any available grant funding. We are now supporting HCC financially to implement a number of schemes over the next few years, based on recommendations from this work.

3.8	Work with Stagecoach/public transport providers to electrify fleet – work to secure inward investment/funding	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: High (£££) Funding Source: TBC Income Generation?: TBC	TBC	In Progress	HCC / 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 type of matter will be considered through the public transport strategy document being prepared by HCC.
3.9	Review parking provision and rates, in order to promote lower emission vehicles into the town centre over more polluting vehicles	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	TBC	In Progress	Climate Change and Sustainability Team	Parking strategy work being undertaken as a part of work on Central Basingstoke	Parking Strategy now adopted.
3.10	Investigate mobility options within the town centre, such as e-scooters and bike hire	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Initial study by Q4 2021	In Progress	Climate Change and Sustainability Team	Decision made on suitability No. available / usage	Soft-market testing undertaken with several providers. Currently considering suitability of schemes for further investigation
3.11	Review taxi and private hire vehicle licensing to consider zero emission capable vehicles only	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Mid 2024	In Progress	Licensing Team	No. of zero emission capable taxis/private hire vehicles licensed in borough	Currently 9 hybrid and 6 EV private hire vehicles and council continues to engage with operators. Cost remains the biggest barrier, as well as access to chargepoints and reach of the EVs. The council is now working on a proposal for licensed taxi operators to support them in the transition to low carbon vehicles

3.12	Continue to rollout public EV chargepoints and encourage private sector rollout in other destinations	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: Medium (££) Funding Source: TBC Income Generation?: TBC	Ongoing. Feathers Yard 'hub' now complete	Ongoing work	Climate Change and Sustainability Team HCC	No. of public EV chargepoints in borough No. of EVs registered in borough	Council continues to roll-out electric vehicle chargers in the borough, including: <ul style="list-style-type: none"> • Courtyard of the Civic Offices, Basingstoke; • Rooksdown, Popley Fields and Rucstall community centres; and • Eastrop Park 1760 registered full battery EVs in Basingstoke and Deane by Q2 2023, compared to 1,158 by end of Q2 2022
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	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Q3 2021	In Progress	Climate Change and Sustainability Team	No. of EVs registered in borough	EV and Ebus event held in the town centre as part of Green Week 2023 The Green Team are also providing advice and guidance on electric vehicles as part of their remit. 1760 registered full battery EVs in Basingstoke and Deane by Q2 2023, compared to 1,158 by end of Q2 2022
3.14	Work with infrastructure providers and business community to facilitate wider shift to more flexible working and reduced road commuting	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Ongoing	Completed	Climate Change and Sustainability Team / HCC	Monitoring traffic flows in borough	Action closed. Business engagement picked up in 'Action by All' category

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	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: TBC Income Generation?: 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 HCC in working with schools to promote the initiative in terms of parental drop offs to the school gage.
3.16	Develop EV charging plan, with initial focus on Basingstoke town but to then expand to wider borough	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Autumn 2024	In Progress	Climate Change and Sustainability Team	Plan in place	EV charging plan/strategy work had initially been paused as a result of ongoing EV charging infrastructure work, however, work has now commenced on preparation of a strategy.
3.17	Develop the provision of an electric car club in Basingstoke , including the provision of pool cars for the borough council	Council/ Borough: Council and Borough-wide Emissions Reduction: Low (Enabler)	Cost: Medium(£) Funding Source: TBC Income Generation?: TBC	2025	In Progress	Climate Change and Sustainability Team	No of EV cars provided and usage	Initial soft-market testing completed this year. Further detailed options being considered.
3.18	Implementing LCWIP projects	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: Medium(£) Funding Source: TBC Income Generation?: TBC		In Progress	HCC		Newly introduced, following completion of Action 3.7, to implement

4. Zero carbon electricity:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	2023 Update
4.2	Review suitability of council buildings/land for installation of renewable electricity generation	Council/ Borough: Council Operations Emissions Reduction: High	Cost: Low (£) Minimal cost to review – projects would need to be scoped subsequently Funding Source: TBC Income Generation?: TBC	By late 2022	In Progress	Property Team Investments Team? Climate Change and Sustainability Team	No. of sites identified Installed renewable capacity	The council commissioned a solar capacity study of non-domestic rooftops in the borough to understand potential and provide an indication of viability for businesses, as outlined in Action 1.8. Combined with the results of the Tetrattech energy audits previously undertaken is being used to identify the opportunity on council buildings, including specifically for community buildings owed by the council. We have also received initial results of a renewable capacity study from Hampshire County Council, with final results expected soon. This will be used to understand potential across the borough and support the Local Plan
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	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: None (Staff time) Funding Source: N/A Income Generation?: No	Ongoing	Ongoing work	Climate Change and Sustainability Team Planning Policy Borough Development		The HCC/Southampton university renewable capacity plan is expected in October 2023, however, initial information suggests severe grid limitation capacity across the county.

4.4	Investigate potential to participate in energy innovation schemes as part of transition to smarter more flexible energy system	Council/ Borough: Borough-wide Emissions Reduction: TBC	Cost: TBC Funding Source: TBC Income Generation?: 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	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	Toolkit developed by Q2 2021	Ongoing work	Climate Change and Sustainability Team	No. of community energy groups No./capacity of installations	<p>We now have 3 community energy companies in the borough: Test Source, Loddon and Calleva. We have shared the AbSolar data with them to help get local projects off the ground.</p> <p>Also a total of £17,000 of grant funding has been awarded from our Strengthening Communities Grant to all 3 of the organisations to help fund the projects. Test Source is still at contract stage on a large site, with 2 sites in the pipeline, and has its first share offer ready to go.</p> <p>We are working with our property team to identify which sites we can offer for this purpose.</p> <p>Solar Together scheme phase 2 has now closed, with 278 accepted installs planned. Scheme 3 has now commenced.</p>

4.6	Enable renewable energy generation through policies in the Local Plan Update	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: None (Staff time) Funding Source: N/A Income Generation?: No	2020-2024	In Progress	Planning Policy Team Climate Change and Sustainability Team	Total installed renewable capacity % of demand met by renewables	<p>As per Action 2.9, proposed policies for public consultation on the Local Plan Update in early 2024 are now more ambitious than previous draft policies.</p> <p>Following the public 'Regulation 18' consultation, work is proposed to identify suitable areas for renewable energy generation, intending to utilise work undertaken by HCC.</p> <p>In addition the new National Planning Policy Framework (NPPF) guidelines for renewables have been released</p> <p>In 2021, 7.35% of electricity consumption was met by renewable energy generated in the borough.</p>
4.7	Deliver programme of solar photovoltaic (PV) panels on council-owned community buildings	Council/ Borough: Borough-wide Emissions Reduction: Low (Enabler)	Cost: £675,000 requested Funding Source: Council reserves Income Generation?: TBC	2024- 2027	In Progress	Property Services Climate Change and Sustainability Team	Installed Solar PV capacity Modelled carbon savings	<p>New Action As set out in the update Council Plan 2023-27.</p>

5. Waste and consumption:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	2023 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	Council/ Borough: Council Operations Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: TBC	TBC	In Progress	Procurement Team Climate Change and Sustainability Team	Updated strategy Reduction in Scope 3 emissions	An internal Sustainable Procurement SharePoint page has been set up. This includes a procurement assessment for staff to follow alongside sustainable purchasing guidance. There will soon be a mandated weighting of 5% for social value in procurements, which can include environment.
5.2	Provide internal training on sustainable procurement to embed the above	Council/ Borough: Council Operations Emissions Reduction: Low	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: No	Ongoing	In Progress	Procurement Team Climate Change and Sustainability Team	Tracking climate change/carbon footprint as inclusion in tenders	Upon publication of the Sustainable Procurement guidance informal training for procurement staff was carried out. The tool will be encouraged to other teams to use when beginning a procurement.
5.3	Reduce paper consumption, going paper-free for members	Council/ Borough: Council Operations Emissions Reduction: Low	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: No	Q2 2021	Ongoing work	Democratic Services Climate Change and Sustainability Team	Paper purchasing rates	The default is now for Councillors not to receive printed agendas/papers unless, requiring them to opt-in when required. Additionally, Council is moving towards e-signatures, reducing the need for additional printing and posting of legal documents.

5.5	Undertake estimate/analysis of Scope 3 emissions from council activities Consider embodied carbon of council projects and procurement	Council/ Borough: Council Operations Emissions Reduction: Low (Enabler)	Cost: Low (£) Funding Source: TBC Income Generation?: No	By Q2 2024	In Progress	Procurement Team Climate Change and Sustainability Team	Scope 3 emissions included in next council carbon footprint and action plan	Two of the council's largest scope 3 contracts (waste collection and managing the leisure facilities) are monitored as part of the council's operational emissions footprint. Full analysis of Scope 3 from the council has not yet been undertaken, although work is now underway to analyse spend on goods and contracts.
5.6	Work with Hampshire County Council to reduce waste generation and increase recycling rates through education programmes we need to lead - behaviour change efforts etc	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: TBC	Ongoing	Ongoing work	Waste services team HCC	Waste tonnage rates Recycling tonnage rates	Unaudited percentage of household waste recycled and composted 2022/23: 28.6% The waste team sent out a leaflet to all Basingstoke and Deane residents explaining what can be recycled as an education peice for all residents. UK Government are reviewing waste collection with the aim of increasing consistency of collections across the UK but this has been delayed.
5.7	Tackle food waste, including working with HCC, including education programmes such as Love Food, Hate Waste, alongside consideration of food waste collection, when the Government waste strategy is released	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: No	Ongoing	Ongoing work	Waste services team HCC	Food waste reduction, where measurable	We continue to educate on food waste and promote HCC initiatives. The new Green Team are including as part of their information provided to residents. We have also promoted the training HCC offer. We had 2 food waste champions on the green market and in the discovery centre for green week 2023, and we have invested in some resource (second had kids fridge freezer and some plastic fruit/veg/food) to increase engagement.

5.8	Promote 'buy local' to reduce goods mileage and support local businesses, including via a local e-commerce platform	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: Low (£) Funding Source: TBC Income Generation?: TBC	TBC	Ongoing work	Economic Development Climate Change and Sustainability team	Traffic and purchases via local e-commerce platform 'Borough Basket' website now operational	The Borough Basket is still running and recently moved over to the Love Basingstoke website which will give it some more coverage and there are about 60 local businesses on the platform. Businesses were asked if they wanted to remain on the Borough Basket when it transitioned to Love Basingstoke and those who did not respond were removed.
5.9	Support for refill and repair shops to reduce single-use waste	Council/ Borough: Borough-wide Emissions Reduction: Low	Cost: TBC Funding Source: TBC Income Generation?: TBC	TBC	Ongoing work		No. of available shops/facilities	<p>There are currently 5 repair cafes in the Borough: North Hants, Chineham, Overton, Makerspace, Sustainable Bourne Valley, and soon to be set up Baughurst. We are promoting these on the Sustainable Basingstoke website.</p> <p>In the borough there is one refill shop (Pueblo Pantry in Overton), one mobile shop (Triple O), and two more that operate online. The council have promoted these stalls, including throughout Green Week, but haven't given any specific support.</p> <p>The council supports the Community Furniture Project. They have received two Councillor Community Grant (total £1762.19) and the Strengthening Communities Grant (22/23 £9,954.50, 21/22 £14,600).</p> <p>There are a range of Men's Shed in the borough - these were promoted during green week.</p>

<p>5.10</p>	<p>Investigate how to develop estimates for residents' carbon footprint, to shape education on lower carbon lifestyle</p>	<p>Council/ Borough: Borough-wide</p> <p>Emissions Reduction: Low (Enabler)</p>	<p>Cost: TBC</p> <p>Funding Source: Staff time</p> <p>Income Generation?: No</p>	<p>2022</p>	<p>Completed</p>		<p>Future inclusion of diet emissions within footprint and actions to address</p>	<p>Tools such as the 'Impact community carbon calculator' have been used when working with parishes and groups, as well as shaping messaging for individuals. Action to support individuals and groups take action, and education on a lower carbon lifestyle is covered in Section 1. However, tool not used more formally for borough-wide emissions reporting.</p> <p>Personal carbon footprint calculators exist that include questions on diet and the impacts this has, such as the Carbon Footprint calculator and the WWF footprint calculator.</p>
--------------------	--	---	---	-------------	------------------	--	---	---

6. The natural environment:

Action number	Action	Emissions Impact	Indicative cost	Timescale	RAG status	Responsibility	KPI/ measure of progress	2023 Update
6.1	Continue to effectively manage existing council-owned green spaces and natural environment	Council/ Borough: Council Operations Emissions Reduction: High (c. 2000 tCO ₂ e per year)	Cost: TBC Funding Source: Existing budgets Income Generation?: TBC	Ongoing	Ongoing work	Natural Environment Team Parks and Streetscene	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	Council/ Borough: Council Operations Emissions Reduction: Low (Enabler)	Cost: TBC Funding Source: TBC Income Generation?: TBC	Q4 2022	Completed	Natural Environment Team Climate Change and Sustainability Team	Data granularity	Hampshire and Isle of Wight Wildlife Trust were commissioned to produce a Carbon Sequestration and Storage Assessment. The report produced a conservative estimate of carbon sequestration from BDBC land that is lower than previous estimates. This has now been factored into the council's net carbon footprint calculations
6.3	Identify suitable green spaces and enhance management to improve carbon lock up, whether through change in management approach or conversion in use	Council/ Borough: Council Operations Emissions Reduction: Medium	Cost: TBC Funding Source: TBC Income Generation?: TBC	Q4 2022	In Progress	Natural Environment Team Climate Change and Sustainability Team	Habitat types & quality Changes in carbon absorption rate	The Carbon Sequestration and Storage Assessment undertaken (Action 6.2) looked at the potential of additional sequestration in green spaces with implementation of habitat transitions. Several land areas were identified with opportunities to improve carbon sequestration. Work now commenced on planning for potential works and preparing for potential future grant funding.

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	Council/ Borough: Council Operations & Borough-wide Emissions Reduction: Variable	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: No	TBC	To be actioned	All Climate change and Sustainability team	Tracking carbon footprint of suppliers – reduced Scope 3 emissions	No local offsetting scheme established yet (Action 6.6) to refer to.
6.5	Local Plan Update to include strong policies to maintain, preserve and enhance trees, hedgerows and green space across the borough	Council/ Borough: Borough-wide Emissions Reduction: High (Enabler)	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: No	2020-2024	In Progress	Planning Policy	Total natural coverage and habitat types in the borough	Local Plan consultation is planned for early 2024 Cabinet decision made to undertake further work on the housing requirement and consultation on changes to NPPF. Draft updates have been discussed with external groups in April 2023. Adoption intended for Autumn 2025.
6.6	Work with our local land owners 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	Council/ Borough: Borough-wide Emissions Reduction: High	Cost: TBC Funding Source: TBC Income Generation?: TBC	Complete investigation by Q4 2024	In Progress	Property Services Natural Environment Team	Programme in place Reduced net emissions for the borough	No proposals yet developed, however, expected to be progressed following new Biodiversity Strategy and alongside opportunities created as a result of Biodiversity Net Gain requirements.

	the borough. Also 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 and utilising 'nature-based solutions'	Council/ Borough: Council Operations & Borough-wide Emissions Reduction: None	Cost: TBC Funding Source: TBC Income Generation?: TBC	2024	To be actioned	TBC	Plan in place	To be actioned. Consideration given as part of major projects and Local Plan Update but need for coherent plan remains, linking with nature-based solution. Emerging Biodiversity Strategy provides some additional focus.

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	Council/ Borough: Council Operations Emissions Reduction: Low	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: 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	Council/ Borough: Council Operations Emissions Reduction: Variable	Cost: None Funding Source: Internal resources (Staff time) Income Generation?: 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	Council/ Borough: Council Operations Emissions Reduction: High (700 tCO2e for electricity)	Cost: Low Uplift Funding Source: Existing budgets Income Generation?: 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. Over 220 tCO2 saved for 2021 - 2022. Lower savings than 21/22, due to lower electricity consumption.

2.2	Work with contract provider to cost and explore powering leisure facilities using renewable energy	Council/ Borough: Council Operations Emissions Reduction: High (300 tCO2e for electricity)	Cost: TBC Funding Source: TBC Income Generation?: TBC	Borough development Procurement Climate Change and Sustainability team	Agreement reached Measured CO2 reduction	Contract provider procures REGO-backed renewable energy for leisure supply contract. 260 tCO2 saving this year based on market-based emissions reporting. Wider audits as part of Action 2.5. 270 tCO2 saving in 21/22 as a result of renewable energy tariff for leisure facilities. Higher saving as a result of increased electricity use
2.3	Ensure office and council operational buildings are used as efficiently as possible, and fit for the future as we work more flexibly	Council/ Borough: Council Operations Emissions Reduction: Medium (Estimated at c. 180tCO2e)	Cost: TBC Funding Source: Existing budgets Income Generation?: No	Property & Assets Climate Change and Sustainability team	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 75t CO2 moving forward.
2.4	Undertake review of possible energy efficiency and reduction measures on council campus	Council/ Borough: Council Operations Emissions Reduction: Low (Enabler)	Cost: Low (£50k) Funding Source: Climate change reserve Income Generation?: No	Property & Assets Climate Change and Sustainability team	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	Council/ Borough: Council Operations Emissions Reduction: Low (Enabler)	Cost: Low (£50k) Funding Source: Climate Change Reserve Income Generation?: TBC	Property & Assets Climate Change and Sustainability team	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
-----	--	--	--	---	-------------------	---

2.7	Install LED lighting in Eastlands council car park (as demo project for wider rollout)	<p>Council/ Borough: Council Operations</p> <p>Emissions Reduction: Medium (c. 28.5 tCO₂e per year)</p>	<p>Cost: High (£100k)</p> <p>Funding Source: TBC</p> <p>Income Generation?: No</p>	<p>Facilities</p> <p>Property & Assets</p> <p>Climate Change and Sustainability team</p>	<p>Reduced electricity consumption and CO₂</p>	<p>Work completed in early 2021 with handover in March 2021.</p> <p>Modelled savings of 90% compared to previous baseline, although this is with the staff car park getting minimum use.</p> <p>c.19 tCO₂ savings realised over 10 months.</p> <p>Modelled savings of nearly 170,000 kWh of electricity during 21/22 - 90% compared to baseline.</p>
-----	--	--	---	--	---	---

<p>2.14</p>	<p>Support delivery of the new government Green Homes Grant (GHG) within the borough including promotion via available channels</p>	<p>Council/ Borough: Borough-wide</p> <p>Emissions Reduction: Medium</p>	<p>Cost: Low (£)</p> <p>Funding Source: TBC</p> <p>Income Generation?: No</p>	<p>Climate Change and Sustainability team</p>	<p>No. of GHG vouchers provided within borough (if available)</p>	<p>The Green Homes Grant voucher release scheme has now closed and ran from September 2020 to 31 March 2021. (See link in the Links tab)</p> <p>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.</p> <p>Other grants schemes have been adopted under the Green Homes Grants banner and these will be captured under Action 2.13 moving forward</p>
--------------------	---	--	--	---	---	--

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	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: Low (£) Funding Source: TBC Income Generation?: No	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 & 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>
2.19	Develop strategy for improving energy efficiency of buildings that council leases out	Council/ Borough: Borough-wide Emissions Reduction: Medium	Cost: TBC Funding Source: TBC Income Generation?: TBC	Property & Assets	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

4.1	Switch to renewable electricity as part of energy supply contract, for our operational buildings	Council/ Borough: Council Operations Emissions Reduction: High (700 tCO ₂ e)	Cost: Low uplift Funding Source: Existing budget Income Generation?: No	Facilities Team Climate Change and Sustainability Team	CO ₂ reduction in annual reporting	Contract commenced 1 October 2021. 320 tCO ₂ reduction based on market-based emissions reporting
5.4	Eliminate single-use plastics in council vending machines	Council/ Borough: Council Operations Emissions Reduction: Low	Cost: Low (£) Funding Source: Income Generation?: No	Waste services team Climate Change team	Zero single-use plastics present	No vending machines now present as part of office consolidation