



Basingstoke & Deane Climate Emergency Action Plan – 2020-21



This Action Plan sets out specific actions to deliver against the aspirations and principles set out in the Climate Change and Air Quality Strategy.

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.

This is the first Action Plan developed by the borough to tackle the Climate Emergency. As such, some of these actions are already well-developed whereas others are longer term actions, to support the transition to a net zero borough by 2030. This action plan will be reviewed, and progress reported on, annually. 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 6 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	Council emissions	Borough-wide emissions	Emissions reduction	Indicative cost	Timescale	KPI/ measure of progress
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	✓		Low	None	Complete	Completed courses Tracking staff commitments
1.2	Climate change impact included in report templates, to embed in decision-making criteria	✓		Variable	None	Complete	Decisions with positive impact CO ₂ savings, where available
1.3	Review and update internal staff policies to enable and promote sustainable working choices	✓		Low	None	Review during mid 2021	Reduction in 'grey fleet' or business mileage
1.4	Support for existing Low Carbon Energy Group, made up of local experts, to challenge and support the council and the wider borough to carbon neutrality	✓	✓	Enabler	Low	In hand	Number of meetings held
1.5	Support local communities, including town and parish councils, to take local Climate Emergency action, including provision of a toolkit to help plan and deliver local action and promotion of 'The Greening Campaign'		✓	Variable 40 – 200 tCO _{2e} per community	Low	First communities signed up by Q4 2020	No. of town/parish councils with Climate Emergency No. of events or campaigns supported CO ₂ savings per community
1.6	Update council climate change web pages to provide relevant local information and capture ideas from residents		✓	Low	Low	Q1 2021	New page live Tracking actions/ideas received

1.7	Investigate broader engagement and behavioural change methods for residents to take action throughout the borough		✓	Medium	Medium	Q4 2021	Actions included in next Action Plan
1.8	Convene summit for local businesses to understand issues and support development of their own actions		✓	Neutral	Low	TBC	Summit held. No of businesses in attendance and that make their own commitments
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		✓	Enabler	Low	TBC	No. of businesses involved Proportion of businesses represented
1.10	Lobbying other organisations, including government, to work at pace to deliver reductions in emissions, including through consultation responses		✓	Medium	Low	Commenced and on-going	Log of consultation responses made referring to climate change

2. Buildings:

Action number	Action	Council emissions	Borough-wide emissions	Emissions reduction	Indicative Cost	Timescale	KPI/ measure of progress
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	✓		High 700 tCO _{2e} for electricity	Low uplift	Complete	Commencement of new supply contract CO ₂ reduction
2.2	Work with contract provider to cost and explore powering leisure facilities using renewable energy	✓		High 300 tCO _{2e} for electricity	TBC	Q1 2021 – 2023	Agreement reached Measured CO ₂ reduction
2.3	Ensure office and council operational buildings are used as efficiently as possible, and fit for the future as we work more flexibly	✓		Medium Estimated at c. 180tCO _{2e}	TBC	Q2 2021	Office energy consumption Office occupancy
2.4	Undertake review of possible energy efficiency and reduction measures on council campus	✓		Enabler	TBC	TBC	Audit undertaken
2.5	Undertake audit of other council operational buildings to determine options to reduce energy consumption	✓		Enabler	TBC	2021	Audit undertaken
2.7	Install LED lighting in Eastlands council car park (as demo project for wider rollout)	✓		Medium c. 28.5 tCO _{2e} per year	£100k	By Q2 2021	Reduced electricity consumption and CO ₂
2.8	Work with development partners to ensure new council building development to be as energy efficient as a possible	✓	✓	High	High	Ongoing	Energy efficiency ratings of new developments

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		✓	Enabler - High	None	2020 – 2024	Local Plan Issues and Options consultation. Policy development with Local Plan MAP – meetings held
2.10	Use of Development Management service to improve energy efficiency and consider climate change in advance of updated planning guidance		✓	Low	Low	Commenced and on-going	Inclusion of informative on planning permissions granted and advice at pre-app stage
2.11	Promoting and encouraging implementation of the 'Manydown Standard' within the Manydown development partnership to ensure new homes at Manydown North are well-built and designed to achieve high environmental standards including energy and water saving		✓	High	High	2023 onwards	Adoption of high standards ahead of detailed planning application
2.12	Develop plan to support private landlords in meeting Minimum Energy Efficiency Standards (MEES). Appropriate enforcement action utilised where required		✓	Medium	Low	Q2 2021	Plan developed. Ongoing monitoring of non-domestic EPC improvements
2.13	Promote and support existing energy efficiency improvement programmes e.g. ECO and local loan & grant programme		✓	Medium	Low	Q4 2020	No. of ECO installations and estimated CO ₂ reductions No. of Loan/grants provided
2.14	Support delivery of the new government Green Homes Grant within the borough including promotion via available channels		✓	Medium	Low	Q4 2020	No. of GHG vouchers provided within borough (if available)

2.15	Develop further strategy for retrofit of domestic and commercial properties to reduce energy demand		✓	High	TBC	Q4 2021	
2.16	Promote and support rollout of low carbon heating, including investigating zero carbon hydrogen possibilities.		✓	High	TBC	Ongoing Further actions developed in 2021	No. of RHI installations in borough Uptake of other grant schemes
2.17	Work with Housing Associations to improve social housing stock		✓	Medium	Medium	TBC	No. of HA retrofit installations. EPC ratings of social housing
2.18	Develop strategy for improving energy efficiency of buildings that council leases out		✓	Medium	TBC	TBC	Strategy developed EPCs and DEC's used to measure improvements

3. Transport:

Action number	Action	Council emissions	Borough-wide emissions	Emissions reduction	Cost	Timescale	KPI/ measure of progress
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.	✓		Medium Up to 250tCO _{2e} + NO ₂ and PM	c.£1m for current alternatives	Ongoing	Proportion of electric fleet Reduction in fuel use & associated CO _{2e} emissions
3.2	Increase chargepoints available on council sites for operational vehicles and staff, particularly required to enable electrification of operational vehicles	✓		Enabler	Up to £140k, depending on number installed	Ongoing	No. of council chargepoints installed Chargepoint utilisation
3.3	Review HR policies to consider reduction in staff travel and promotion of ultra-low emission vehicles being used wherever possible	✓		Low Carbon, NO ₂ and PM	None	Mid 2021	Reduction in 'grey fleet' mileage No. of staff with EVs
3.4	Survey staff commuting and update staff travel plan, including increase in flexible working	✓	✓	Low Carbon, NO ₂ and PM	None	Mid 2021	Reduction in commuting miles
3.5	Work with waste services provider to increase efficiency throughout contract and continue to reduce emissions where possible	✓		High	TBC	Ongoing	Waste fleet mileage/fuel consumption and associated CO ₂ emissions
3.6	Development of a Mass Rapid Transit network as a strategic public transport route		✓	High	High	By 2030. Blueprint to be complete by Spring 2021	Completion of blueprint

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.		✓	Medium	Medium and dependent on schemes identified	Study to be complete by TBC	LCWIP in place Increased prevalence in walking/cycling
3.8	Work with Stagecoach/public transport providers to electrify fleet – work to secure inward investment/funding		✓	Low	High	TBC	No. of electric buses in use in borough
3.9	Review parking provision and rates, in order to promote lower emission vehicles into the town centre over more polluting vehicles		✓	Low	Low	TBC	Parking strategy work being undertaken as a part of work on Central Basingstoke
3.10	Investigate mobility options within the town centre, such as e-scooters and bike hire		✓	Low	Low	Initial study by Q4 2021	Decision made on suitability No. available / usage
3.11	Review taxi and private hire vehicle licensing to consider zero emission capable vehicles only		✓	Medium	Low	TBC	No. of zero emission capable taxis/private hire vehicles licensed in borough
3.12	Continue to rollout public EV chargepoints and encourage private sector rollout in other destinations		✓	Enabler	Medium	Ongoing. Feathers Yard 'hub' now complete	No. of public EV chargepoints in borough No. of EVs registered in borough
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		✓	Medium	Low	Q3 2021	No. of EVs registered in borough
3.14	Work with infrastructure providers and business community to facilitate wider		✓	Medium	Low	Ongoing	Monitoring traffic flows in borough

	shift to more flexible working and reduced road commuting.						
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.		✓	Low	Low	TBC	No. of Fixed Penalty Notices issued

4. Zero carbon electricity:

Action number	Action	Council emissions	Borough-wide emissions	Emissions reduction	Indicative Cost	Timescale	KPI/ measure of progress
4.1	Switch to renewable electricity as part of energy supply contract, for our operational buildings	✓		High 700 tCO _{2e}	Low uplift	Complete	CO ₂ reduction in annual reporting
4.2	Review suitability of council buildings/land for installation of renewable electricity generation	✓		High	Minimal cost to review – projects would need to be scoped subsequently	By mid 2021	No. of sites identified Installed renewable capacity
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.		✓	Enabler	None	Q4 2020	
4.4	Investigate potential to participate in energy innovation schemes as part of transition to smarter more flexible energy system		✓	TBC	TBC	Ongoing	Participation/involvement in schemes
4.5	Promote local and community energy projects where applicable, including development of toolkit and guidance		✓	Medium	Low	Toolkit developed by Q2 2021	No. of community energy groups No./capacity of installations
4.6	Enable renewable energy generation through policies in the Local Plan Update		✓	Enabler	None	2020-2023	Total installed renewable capacity % of demand met by renewables

5. Waste and consumption:

Action number	Action	Council emissions	Borough-wide emissions	Emissions reduction	Indicative Cost	Timescale	KPI/ measure of progress
5.1	Review and update Procurement Strategy and processes to consider whole life carbon footprint of goods and reduce this in our procurement decisions	✓		High	TBC	2021	Updated strategy Reduction in Scope 3 emissions
5.2	Provide internal training on sustainable procurement to embed the above	✓		Low	None	Ongoing	Tracking climate change/carbon footprint as inclusion in tenders
5.3	Reduce paper consumption, going paper-free for members.	✓		Low	None	Q2 2021	Paper purchasing rates
5.4	Eliminate single-use plastics in council vending machines	✓		Low	Low	Q1 2021	Zero single-use plastics present
5.5	Undertake estimate/analysis of Scope 3 emissions from council activities	✓		Enabler	Low	By Q4 2021	Scope 3 emissions included in next council carbon footprint and action plan
5.5	Work with Hampshire County Council to reduce waste generation and increase recycling rates through education programmes		✓	High	TBC	Ongoing	Waste tonnage rates Recycling tonnage rates
5.6	Work with HCC to tackle food waste, including education programmes such as Love Food, Hate Waste, alongside consideration of food waste collection		✓	High	TBC	Ongoing	Food waste reduction, where measurable
5.7	Promote 'buy local' to reduce goods mileage and support local businesses, including via a local e-commerce platform		✓	Low	Low	TBC 'Borough Basket'	Traffic and purchases via local e-commerce platform

						website now operational	
5.8	Support for refill and repair shops to reduce single-use waste		✓	Low	TBC	TBC	No. of available shops/facilities
5.9	Investigate how to develop estimates for carbon footprint of residents' diets, to shape education on lower carbon lifestyle		✓	Enabler	TBC	TBC	Future inclusion of diet emissions within footprint and actions to address

6. The Natural environment:

Action number	Action	Council emissions	Borough-wide emissions	Emissions reduction	Indicative Cost	Timescale	KPI/ measure of progress
6.1	Continue to effectively manage existing council-owned green spaces and natural environment	✓		High c. 2000 tCO _{2e} per year	Existing	Ongoing	Area of owned/managed green space. Habitat types Carbon sequestration values
6.2	Improve accuracy of data on council green space ownership and use this to refine calculations for carbon absorption rates	✓		Enabler	TBC	Q2 2021	Data granularity
6.3	Identify suitable green spaces and enhance management to improve carbon lock up, whether through change in management approach or conversion in use	✓		Medium	TBC	Ongoing	Habitat types & quality Changes in carbon absorption rate
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	✓	✓	Variable	None	2021 – in tandem with procurement strategy	Tracking carbon footprint of suppliers – reduced Scope 3 emissions
6.5	Local Plan Update to include strong policies to maintain, preserve and enhance trees, hedgerows and green space across the borough		✓	Enabler - High	None	2020-2023	Total natural coverage and habitat types in the borough
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 the		✓	High	TBC	Complete investigation by Q4 2021	Programme in place Reduced net emissions for the borough

	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	✓	✓	None	TBC	2021	Plan in place