

Climate Change and Air Quality Strategy – Action Plan – Issue #2

Revision History			
Issue	Description	Date	Link
1	First issue	Aug-22	Issue 1
2	Update covering Sep. '22 to Sep. '23	Jan-24	Issue 2

Main Document Reference										
Chapter	Section	Sub-section	Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Governance and Management			1. Continued engagement with central government on air quality and greenhouse gas emissions issues.	Short	Inform & Influence	Response issued to DEFRA consultation on revised national Air Quality Strategy	Apr-23			
Governance and Management			2. Explore carbon offsetting fund and low carbon energy generation investment options.	Medium	Financial / Regulatory Role	Initial research into options conducted	Jan. – March 2023			
Governance and Management			3. Establish and maintain interdepartmental working groups accountable for the delivery of actions.	Short	Direct Control	Six meetings of Domestic Retrofit Programme Board	Oct. '22 – Sep. '23	Improved collaboration and knowledge sharing between relevant services, oversight of multiple energy efficiency and residential distributed generation schemes.		
						Electric Vehicle Charging Infrastructure and Solar Car Port Programme Board / Working Group established	01/10/22 – present			
						Council Estate and Climate Change Board established	01/10/22 - present	Improved collaboration, planning and execution of energy efficiency and other climate change mitigation measures across the Council Estate		
						Fleet De-carbonisation Co-ordination Group established	June 2023 - present	Fleet De-carbonisation group established and work programme for 2023/24 agreed		
Governance and Management	Review and Update		4. Review and update the strategy and action plan so that they are fit for purpose for each carbon budget.	Short	Direct Control					
Governance and Management	Review and Update		5. Determine the most practicable means of assessing the Council's Scope 3 emissions.	Short	Direct Control					

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Governance and Management	Monitoring and Reporting	Council's Emissions	6. Monitor and report quarterly on emissions savings across Council operations	Short	Direct Control	Progress Report 2021-2022 published	24/10/2022			
						Action Plan Update 08/22 published	04/11/2022			
Governance and Management	Monitoring and Reporting	Council's Emissions	7. Improve data management and quality to better inform options for reducing emissions and performance monitoring.	Short	Direct Control	Automatic Meter Reading meter rollout	Ongoing	Installed on 73.5% of compatible electricity meters and 89% of gas meters.	Aug-23	
Governance and Management	Monitoring and Reporting	County-wide Emissions	8. Maintain and enhance effectiveness of outdoor air pollution monitoring.	Short	Direct Control	Defra Air Quality Grant bid to test new real time air quality monitoring sensors	Sept/Oct 2018	Successful bid outcome - £124,399 awarded	02/04/2019	
								Real time air quality monitoring sensor study completed	Dec-21	
						NO ₂ monitoring locations review	Annually every December	Review completed	Dec-22	
						Clean up our air initiative. Air quality toolkits developed with Ricardo and Spelthorne Borough Council.	22/23	Grant of £91,273 to fund air quality kits for all 16 community boards.	2022/23	
Governance and Management	Monitoring and Reporting	County-wide Emissions	9: Report annually on progress made against actions and reducing emissions.	Short	Direct Control	Progress Report 2021-2022 published	24/10/2022			
						Action Plan Update 08/22 published	04/11/2022			
						Submission of an Annual Status Report (ASR) to Defra	Jun-23			
The Council's Emissions to Air			10. Monitor the development of innovative solutions which could help reduce our emissions.	Short	Direct Control	Application for £320,076.24 submitted to the Local Electric Vehicle Infrastructure (LEVI) Fund for a modular system that incorporates solar PV, battery storage and EVCI technologies	17/06/2022	The bid was unsuccessful.		
						All vehicles in both North & South Waste are fitted with EDDI technology.	2022/23	Drivers are informed if they are braking too harshly, leading to more economical driving with reduced emissions.		
						Each month a league table is published with a "top 3" most economical drivers of refuse vehicles across North & South Waste.	2022/23	Encouragement of more economical driving with reduced emissions.		

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The Council's Emissions to Air			11. Review carbon offsetting options and develop a policy on their use.	Short	Direct Control	Initial research into carbon offsetting, within a planning context, has been undertaken.	Ongoing	Further research and policy development will feed into the Local Plan and related matters.		
The Council's Emissions to Air			12. Explore the potential for renewable energy generation projects on the council's land (e.g. a solar farm).	Medium	Direct Control	Engagement with two suppliers regarding the potential for solar car ports on Council car parks	June to August 2021	(13 systems could be installed on public car parks with a TIC of 2,675kWp). 428kWp system could potentially be installed at a Council operational site		
The Council's Emissions to Air			13. Implement a large scale tree planting programme across the estate.	Medium	Direct Control	Invitation to Quote for Woodland Creation and Maintenance at Billet Field published	18/10/2021	Contractor selected & Woodland creation at Billet Field completed (3450 trees)	Mar-22	~411 tCO ₂ e by 2122
						LATF funded community tree planting in Spade Oak Meadow and next to the public highway	08/01/2022	586 trees planted	Mar-22	
						Trees offered to schools and care homes as part of the Queen's Green Canopy		168 trees planted on Council owned sites	Mar-22	
						Tree planting by Chiltern Rangers on Council sites		1656 trees planted	Mar-22	
						Platinum Park Way tree planting	2022/23	4,038 trees planted along Platinum Park Way	Jan-23	
						New woodland created at Grange Farm, Hazlemere	Mar-23	14,700 trees planted	Mar-23	~1925 tCO ₂ e by 2123
						New woodland created at Bury Farm, Amersham	Mar-23	14,300 trees planted	Mar-23	~1914 tCO ₂ e by 2123
						New Woodland creation at Wing Wood with Forestry England	April 2023 – March 2024	110,000 trees planted to date	Apr-23	~10,984 tCO ₂ e by 2124
The Council's Emissions to Air			14. Explore the potential for blue and green infrastructure improvement projects (e.g. green roofs) across our estate.	Medium	Direct Control	LATF bid includes provision for tree planting at highways verge locations	29/06/2021	LATF funding secured (~£203k) to support tree planting and maintenance on highways verges and in community spaces	13/09/2021	
						Woodland creation at Grange Farm includes planned restoration of a pond within the site	2023/24	Restoration of blue infrastructure with associated localised bio-diversity and habitat benefits		
The Council's Emissions to Air	Behaviour		15. Embed climate change and air quality considerations in policy and decision making.	Medium	Direct Control	A section on "Climate Change & Sustainability" has been added as a reporting requirement for corporate reports	2022			

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The Council's Emissions to Air	Behaviour		16. Engage and inform staff and councillors how they can reduce emissions through simple changes to behaviour.	Short	Direct Control	Staff encouraged to 'waste less and save more' on Earth Day (22/04/22) (Together Now email)	20/04/2022			
						Staff encouraged to use the AWorld app (Together Now email)	11/05/2022			
						Staff encouraged to adopt emission reducing behaviour on Clean Air Day (Together Now email)	15/06/2022			
						Staff encouraged to use active travel modes for National Walking Month (Together Now email)	18/06/2022			
The Council's Emissions to Air	Behaviour			Short	Direct Control	Staff encouraged to go plastic free in July (Together Now email)	29/06/2022			
						Carbon Literacy Training delivered to 14 individuals	29 th – 30 th June 2022			(Individuals' carbon footprint reduced by 5-15%)
						Internal email reflecting on how Millie found plastic free July including top tips on how to reduce plastic waste (Together Newsletter)	08/03/2022			
						'High Wycombe Transport Strategy and Local Cycling and Walking Infrastructure Plan (LCWIP) consultation' item in Spotlight on PGS internal email	08/11/2022			
						Staff encouraged to cut down on their water use following the recent heatwaves, including top tips from Thames Water (Together Newsletter)	17/08/2022			
						Staff encouraged to think about Second Hand September to save money and help to protect the environment. (Together Newsletter)	25/08/2022			
						Internal email promoting the 15,000kg of carbon savings in the Summer Savings Challenge (Together Newsletter)	25/08/2022			
						Staff encouraged to participate in the Cycle to Work scheme as a way to save money, help the environment and look after your physical and mental health (Together Newsletter)	31/08/2022			
						'Second Hand September' (sustainable fashion) item; Staff blogs 'Geared up for cycling' and 'Sustainability and Rolling Oats in Together email	21/09/2022			
						'Tackling rising energy costs' item, and 'Save money and walk, scoot or cycle to school!' new item in Together email (features tips to save energy)	22/09/2022			

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						Staff blogs 'Geared up for cycling' and 'Sustainability and Rolling Oats' items; and news item on 'Get your veg on with Grow it, Cook it, Eat it' in Together email	28/09/2022			
						Carbon Literacy Training delivered to a further 14 individuals	Sep. 2022			
						'Staff blogs 'Geared up for cycling' and 'Sustainability and Rolling Oats' items in Together email	05/10/2022			
						'A promising start to our climate change strategy', 'Hundreds of Bucks homes to benefit from energy efficiency funding ', and 'Second Hand September' (sustainable fashion) items in Together email	12/10/2022			
						'This year's tree planting season begins soon', 'Green light for e-scooter trial until May 2024' and 'Our climate change innovations video', 'Berryfields to Buckingham Park Greenway opened', and 'Second Hand September' (sustainable fashion) items in Together email	19/10/2022			
						'Second Hand September' (sustainable fashion); and 'Upcycling opportunity for a young person' items in Together email	09/11/2022			
The Council's Emissions to Air	Behaviour		16. Engage and inform staff and councillors how they can reduce emissions through simple changes to behaviour.	Short	Direct Control	'Sustainable Christmas' and 'Sustainable fashion' items in Together email	09/11/2022			
						Two-part staff blog about sustainable fashion practices	Nov. – Dec. '22			
						Internal promotion of the Sustainable Warmth scheme and free insulation measures (Together Newsletter)	14/11/2022			
						Information on how staff can have a more sustainable (and cheaper) Christmas (Together Newsletter)	14/11/2022			
						Information on how staff can recycle their Christmas tree (Together Newsletter)	01/04/2023			
						Tips on how staff can save energy and save money (Together Newsletter)	08/02/2023			
						Internal promotion of the "Cycle to Work" scheme	Feb. 2023			
						A range of tips and competition to promote reduction of food waste during Food Waste Action Week	Mar-23			
						Internal email promoted two webinars in June 2023 about the cycle to work scheme	31/05/2023			
						Clean Air Day promoted to staff as a way of reducing emissions and benefiting mental health through walking	21/06/2023			

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						Tips on ways to reduce energy use (Together Newsletter)	28/06/2023			
						Staff Vlog about reducing single use plastic consumption	Jul-23			
						Internal promotion of the "Cycle to Work" scheme	Jul-23			
						Internal email included information about Buckinghamshire for Culture open weekend centred on sustainability and climate change	26/07/2023			
						Internal email promoting the Energy Doctor service helping households struggling with energy bills	23/08/2023			
						Internal email contained an advert for "Second hand September" encouraging staff to re-use and recycle	06/09/2023			
						Staff and their families encouraged to go back to school sustainably this September (Together Newsletter)	06/09/2023			
						Internal email advertising community fridges reducing food waste and giving a helping hand	27/09/2023			
The Council's Emissions to Air	The Council's Operational Estate	Buildings	17. Identify and implement renewable energy and energy efficiency measures across the operational estate, in line with the accommodation strategy and repair and renewal cycles.	Short	Direct Control	Sustainable Energy Measures Feasibility Assessment (SEMFA); surveys undertaken at six corporate sites (Aylesbury Day Opportunity Centre, Aylesbury Family Time Service, Burnham Day Opportunity Centre, Castlefield Family Centre, Chesham Library, Hazelmere Library.)	2022/23	Full range of measures assessed for financial and carbon savings, detailed analysis progressing for Solar PV & Battery installations at all sites.		
						Transition to cloud-based servers project	2021 – 2023	260 on-site computer services replaced with the Microsoft 'Azure' Cloud service	Aug-22	156 tCO2e per annum
						Seasonal closure of Walton Street Offices, Aylesbury and King George V Road, Amersham	28/12/22 - 30/12/22 (inclusive)			

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The Council's Emissions to Air	The Council's Operational Estate	Buildings	17. Identify and implement renewable energy and energy efficiency measures across the operational estate, in line with the accommodation strategy and repair and renewal cycles.	Short	Direct Control	Floors 7, 8, 11 and 12 have been closed at the Walton Street Offices in Aylesbury.	January 2023 – present	No electricity or heating usage on closed floors.		To be assessed after 12 month cycle.
The Council's Emissions to Air	The Council's Operational Estate	New Builds	18. Ensure Council new builds are as low carbon as practicable taking into account available budgets.	Short	Direct Control	Sustainability considerations during design & construction of Kingsbrook Secondary School. construction and operation.	2020-2022	Savings of 187 kgCO ₂ e/m ² of embodied carbon against typical educational building performance	Sep. 2022	
						Use of Energy Hierarchy design principles during design of Kingsbrook Secondary School including solar PV, high levels of insulation and air source heat pumps.	2020-2022	Annual saving of 69.9t CO ₂ e versus regulation "minimum" design.	Ongoing	69.9 tCO ₂ e / annum
The Council's Emissions to Air	The Council's Operational Estate	Street Lighting	19. Retrofit LEDs to remaining street lights by 2025 (subject to funding).	Short	Direct Control	LED retrofit work is ongoing.				
The Council's Emissions to Air	The Council's Operational Estate	Land	20. Conduct feasibility studies for the installation of solar car ports at appropriate parking sites.	Medium	Direct Control	Engagement with two suppliers regarding the potential for solar car ports on Council car parks	June - August 2021	(13 systems could be installed on public car parks with a TIC of 2,675kWp). 428kWp system could potentially be installed at a Council operational site		
						Application for £320,076.24 submitted to the Local Electric Vehicle Infrastructure (LEVI) Fund for a modular system	17/06/2022	The bid was unsuccessful.		
The Council's Emissions to Air	The Council's Operational Estate	Land	21. Enhance and support sustainable tree management practices.	Short	Direct Control					
The Council's Emissions to Air	Transport		22. Promote schemes which enable staff to purchase bikes and ULEVs.	Short	Direct Control	Together (internal email to all staff) includes an item on The Cycle to Work Scheme	02/03/2022	111 employees have used the scheme since May 2020 (N.B. in 2021 20.6% of all bikes purchased under the scheme were e bikes)	27/07/2022	
						Together internal email includes an item on 12 months of driving electric	13/04/2022			
						Together includes an item highlighting the benefits of securing an electric car via the car benefit scheme from CPC Drive/Tusker	06/07/2022	56% of all orders placed since Oct 18 have been for either electric or hybrid vehicles.	27/07/2022	
						Internal promotion of the "Cycle to Work" scheme	Feb. 2023			
						Internal email promoted two webinars in June 2023 about the cycle to work scheme	31/05/2023			
The Council's Emissions to Air	Transport		23. Introduce annual staff and councillor travel surveys.	Short	Direct Control	Surveys for staff and councillors have been developed, ready for further internal consultation.	January 2023 to present.			
The Council's Emissions to Air	Transport	Work Transport	24. Review the council's fleet and develop proposals to reduce emissions from its operation	Short	Direct Control	Defra Air Quality Grant Bid for upcycling and electrifying a Council refuse collection vehicle	08/10/2021	Successful bid outcome - £578,000 awarded	09/03/2022	

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						Installation of a new EVCP and replacement of a Peugeot Expert Combi 1.6 HDI MPV with a new Vauxhall Vivaro-e Life at Family Time Services High Wycombe	21/03/2022		21/03/2027	Over 5 years: 6.97 tonnes of CO ₂ e 62.36 kgs of CO 9.97 kgs of oxides of nitrogen (NO _x) 0.56 kgs of particulate matter
						All vehicles purchase in North & South Waste meet EURO 6 standards.	2022/23			
						Installation of a new EVCP at Family Time Services Aylesbury	07/06/2022			
						Contract awarded for upcycling of a refuse collection vehicle	Jun-23			10tCO ₂ e/annum from 2024
The Council's Emissions to Air	Transport	Work Transport	25. Explore the introduction or enhancement of logistics/fleet management equipment, additives and lubricants, eco-driving techniques, and alternative fuels to reduce fleet emissions and implement where practicable.	Short	Direct Control					
The Council's Emissions to Air	Transport	Commuting and Working from Home	26. Support staff and councillors to work from home (flexible working) where practical.	Short	Direct Control	Work Smart programme introduced – reducing the time 'any desk' employees must be in the office to 40% of their working week	01/11/21 - present			
Suppliers and Partners	Partners		27. Help communities identify, develop, and secure funding for projects addressing climate change and/or air quality.	Short	Enabling Change	Local Authority Treescapes Fund Round 2 secured £184,000 for tree planting projects including Dorneywood Scout Camp, Releaf Marlow, Longridge Activity Centre, Earthwatch, Buckingham Town Council, Princes Risborough Combined School and Transport for Bucks.	October 2022 – March 2023	LATF funding of £184,000 for tree planting 1456 trees planted	Mar-23	
						HS2 Tree Giveaway	April – November 2022	~1,000 trees planted across Buckinghamshire	Nov-22	
						Platinum Park Way Tree Planting	Winter 2022	4,000 trees planted long Platinum Park Way	Jan-23	
						Workshop delivered to town and parish councils at the BMKALC conference on grant funding	25/10/2022			
						The Council's Climate Change & Sustainability web pages were re-designed, updated and refreshed: https://www.buckinghamshire.gov.uk/environment/climate-change-and-sustainability/	Summer 2023			

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Suppliers and Partners	Partners	Schools and Academies	28. Support measures that reduce emissions to air in the Getting to School Strategy and forthcoming Home to School Strategy	Short	Enabling Change	Helping schools develop School Travel Plans	Ongoing	1st place in the Modeshift STARS league table for the country. 60 schools (24,688 students) with Modeshift STARS.	Dec. 2022	
						Helping children to learn to cycle (Bikeability training)	Ongoing (with funding from DfT)			
Suppliers and Partners	Partners	Schools and Academies	29. Develop a service that supports schools to address climate change and air quality issues.	Medium	Financial / Regulatory Role	Helped Stony Dean School explore the potential for electric vehicles	Sept / Oct 2021			
						Lease & PPA signed with Solar for Schools at Spinfield School, Marlow.	2022/23	122 solar panels installed with 50kWp generating capacity.		217t CO2 over 25 year life
Suppliers and Partners	Partners	The Council's Investment Estate	30. Endeavour to improve the energy performance of investment properties.	Long	Financial / Regulatory Role					
Suppliers and Partners	Suppliers		31. Produce and provide training on green procurement tools for purchasing decision-makers.	Medium	Direct Control					
Suppliers and Partners	Suppliers		32. Work with key suppliers to identify opportunities to reduce emissions from their products/services.	Short	Enabling Change	Considerations built into establishing a new highways maintenance contract that commences on 01/04/23	2021/22	Balfour Beatty awarded the contract	03/08/2022	
						Solar PV system installation at London Road East Depot in Amersham by Veolia		136 solar PV panels installed	17/03/2021	12.25 tonnes of CO2e per annum
						Engagement with Everyone Active re. introducing EV to their sites	25/05/2022	Everyone Active is investigating the potential to install EV charge points within their carparks		
						£345,386 PSDS scheme funding secured ^[25] to install water source heat pumps and 450 roof-mounted solar photovoltaic panels at the new Chiltern's Lifestyle Centre		Renewable energy technologies installed and Chilterns Lifestyle Centre opens	06/12/2021	~180 tonnes of CO2e per annum saved from ASHP technology. ~36.74 tonnes of CO2e per year saved from the solar PV installation.
						Buckinghamshire Council trials use of recycled plastic in carriageway resurfacing	10/11/2022			

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Suppliers and Partners	Suppliers	Gas and Electricity Supplies	33. Determine the additional carbon benefits which may be achieved by purchasing renewable energy.	Short	Direct Control	Following review of Council supply contract, 100% renewable electricity supply for 2022/23.	Sep-22	100% renewable electricity procured for corporate sites for supplies commencing on 01/10/22	01/10/2022	Over 1000 tonnes CO2e
Suppliers and Partners	Suppliers	South Buckinghamshire Waste Collection and Street Cleaning Contract	34. Use dust suppressant systems on vacuum sweepers to reduce airborne emissions of particulate matter from street cleaning.	Short	Financial / Regulatory Role	All 7 Vacuum sweepers in the Southern Waste Contract have dust suppression systems				
Suppliers and Partners	Suppliers	South Buckinghamshire Waste Collection and Street Cleaning Contract	35. Install electric vehicle charging infrastructure at waste collection depots by 2021 and commence use of hybrid plug-in electric vans and electric street sweepers by 2022.	Short	Financial / Regulatory Role	6 EV charging points have been installed at Amersham Depot				
						2 electric cage tippers introduced	Nov-20			
						1 electric cage tipper introduced	Autumn 2022			
						9 electric vans introduced	Spring 2021			
						2 electric vans introduced	Autumn 2022			
						13 hybrid vehicles introduced	Autumn 2020			
						Hybrid street sweepers introduced	2021			
Suppliers and Partners	Suppliers	South Buckinghamshire Waste Collection and Street Cleaning Contract	36. Implement telematics system to optimise driving behaviour to improve fuel efficiency and reduce emissions to air by 2022.	Short	Financial / Regulatory Role	New vehicles are automatically fitted with telematics systems	Ongoing			
Suppliers and Partners	Suppliers	South Buckinghamshire Waste Collection and Street Cleaning Contract	37. Trial an electric waste collection vehicle by 2023.	Short	Financial / Regulatory Role	Electric waste collection vehicle trial completed in 2023.	2023			
County-Wide			38. Consider emissions in future strategy development and grant funding decisions.	Short	Direct Control	Buckinghamshire Council adopts 5 year Electric Vehicle Action Plan	07/06/2022		2022-27	
						The Council's Local Travel Plan (5) will take account of commitments within the Climate Change & Air Quality Strategy	Ongoing			
						The draft vision for the Buckinghamshire Council Local Plan includes an objective "mitigating / adapting to climate change"	Ongoing		2025	

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County-Wide			39. Develop targets for the reduction of reactive airborne forms of nitrogen and particulate matter.	Short	Direct Control	Defra consultation on environmental targets which includes targets for PM2.5	16/03/2022	Submitted response to Defra		
County-Wide	Transportation		40. Reduce emissions from taxis and private hire vehicles.	Medium	Enabling Change	New Taxi Licencing Policy will come into effect on 6 th September.		Renewal licences only issued where vehicles comply with Euro 5 emissions standard. All newly licensed vehicles must meet Euro 6 emissions standards. Licences only issued to ultra-low or zero emission vehicles by 2030. Taxis that produce ultra-low or zero emissions will also be licensed for a longer period until they are fifteen years old	06/09/2021	
County-Wide	Transportation		41. Implement initiatives to reduce emissions from freight pursuant to achieving the objectives of the Freight Strategy.	Short	Inform & Influence					
County-Wide	Transportation		42. Improve infrastructure for active travel (such as walking and cycling) and electric vehicles.	Short	Direct Control	2020 ORCS bid application	2020	£105k awarded for 32 additional electric vehicle charge points which will be installed by Autumn 2021.	2021	
								New cycle route section linking Waddesdon and Aylesbury is officially opened	24/08/2021	
								OSRIC demonstrator project – induction pad and EV hire car made available in Liston Road Car Park, Marlow	27/09/2021	
								OSRIC demonstrator project – induction charging pad made available in Summers Road Car Park in Burnham	28/10/2021	
								Wendover cycleway improvements	Summer 2022	
								Active travel schemes in Aylesbury and Marlow made permanent	Apr-22	

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						Application for £2.47m submitted to the LEVI Fund for in-pavement, lamppost, and induction EVCI and a modularised solar car port with EVCI	17/06/2022			
						ORCS bid submitted for funding for an additional 64 chargepoints in 16 public car park locations	20/07/2022			
						Berryfields to Buckingham Park Greenway opens	12/10/2022			
						Extension of the e-scooter trial in Aylesbury, High Wycombe and Princes Risborough until May 2024	13/10/2022			
						Platinum Park Way improvements completed	Mar-23	Increased walking and cycling along the Emerald Way, improvements to health, air quality and congestion reductions	Mar-23	
County-Wide	Transportation		43. Assess the carbon emissions from proposed road schemes.	Short	Direct Control					
County-Wide	Transportation		44. Trial low emission forms of transport, such as electric buses, bikes and electric scooters.	Short	Direct Control	Extension of the electric scooter trial until May 2024	Mar-22	Monthly savings of ~28.9tCO2e	Summer 2023	~346.8 tCO2e saved over 12 months
						Completed the introduction of County's first e-bike rental scheme along the Waddesdon Greenway	Mar-21	Bikes were hired 3,552 times and covered a total distance of 33,995 kilometres	Dec-21	
						'Demand responsive transport' (DRT) bus service launched in the High Wycombe area	27/09/2022			

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County-Wide	Transportation		45. Investigate the feasibility of introducing Low Emission Zones.	Short	Direct Control	Marlow Low Emission Zone Study - Air Quality Assessment produced	Jul-21	A range of measures were considered but it was concluded that the introduction of a LEZ would most likely be too costly and not publicly acceptable to take forward for further investigation	Jan-22	
County-Wide	Transportation		46. Reduce unnecessary travel by encouraging regular home working patterns and supporting initiatives that facilitate remote working.	Short	Enabling Change	Work Smart programme introduced – reducing the time 'any desk' employees must be in the office to 40% of their working week	Oct. 2021 to present		Ongoing	
County-Wide	Transportation		47. Improve traffic management technology on the highway network where practicable to reduce congestion and support more efficient driving.	Long	Enabling Change	Bid to Department for Transport (DfT) to upgrade traffic signals at Stoke Road Gyratory to reduce congestion	07/05/2021	Successful bid outcome - £500,000 awarded	13/08/2021	
						Upgrades to Stoke Road Gyratory completed	October 2022 – March 2023	Reduced emissions due to improved traffic flows and reductions in congestion.		
County-Wide	Buildings and Developments		48. Work with neighbouring local authorities and England's Economic Heartland to reduce air pollution impacts from cross-border and major transport hub developments.	Short	Inform & Influence					
County-Wide	Buildings and Developments		49. Produce a Technical Advice Note (TAN) on addressing climate change in new developments.	Short	Direct Control	Sustainable Development TAN exploration	19/05/2021			
County-Wide	Buildings and Developments		50. Use opportunities coming out of revisions to national planning policy to enhance environmentally sustainable aspects of developments.	Short	Direct Control	Climate Response Team has responded to 30 planning consultations over from Oct. '22 to Sep. '23.		Robust conditioning applied to development applications using established and emerging climate change and sustainability policies within the local planning policy framework across Buckinghamshire.		
County-Wide	Buildings and Developments	Historic Environment	51. Explore means to protect heritage assets from, and use them to address, climate change and poor air quality.	Long	Enabling Change	Advice provided to Environmental Specialists with regard to accounting for embodied carbon within planning consultation requests.	2023			
County-Wide	Buildings and Developments	Housing	52. Support registered social housing providers' implementation of sustainable energy and climate change adaptation initiatives in their stock.	Long	Enabling Change	Fairhive have been successful in gaining funding from the Social Housing Decarbonisation Fund. They have received a total of £2.8 million to be spent over a period of two years, with 40 per cent of the funding to be spent during the first year. Fairhive have match-funded the SDHF monies, so the total contract over the two year period is around £8 million.	2023			

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County-Wide	Developments	Housing	52. Support registered social housing providers' implementation of sustainable energy and climate change adaptation initiatives in their stock.	Long	Change	L&Q have been successful with the Social Housing Decarbonisation Fund. They have been awarded a total of £27 million across all their housing stock to improve energy efficiency. L&Q will be contributing 60% of the funding to bring the budget for this work up to £60 million. This funding covers the two year period up to March 2025.	2023			
						Red Kite has been successful in making a bid to the Social Housing Decarbonisation Fund. This was announced in March 2023. A total of £4.2 million has been awarded to fund the work.	2023			
County-Wide	Buildings and Developments	Housing	53. Promote opportunities for residents to improve their homes to help them mitigate and/or adapt to climate change and poor air quality.	Short	Enabling Change	GHGLAD 1b Consortium bid submitted (led by Watford Borough Council)	2020	£1m awarded for energy performance retrofits to approx..100 properties (primarily park homes)		
						GHGLAD1B	April 2021 to June 2022	91 properties retrofitted with energy efficiency measures under GHGLAD1b	Aug-22	
						Green Homes Grant promoted via a press release	07/10/2022	Bucks Herald news item	07/10/2022	
						Bucks Solar Together launched and promoted	09/05/2022			
						Letters sent to 151.340 addresses regarding the Solar Together opportunity	23/05/2022	6,990 registrations to the scheme	11/07/2022	
						5,356 solar PV panels installed across Buckinghamshire through Solar Together Scheme.	2022/23	2.1MW of new low carbon generating capacity in Bucks.	2023	Up to 9,600 tCO2e over 25 years
						261 retrofit measures installed across 203 homes through the Sustainable Warmth Scheme.	2022/23		2023	Over 250tCO2e per annum
						New 'Energy Doctor' scheme using £1.9m from the UK Shared Prosperity Fund launched, providing advice on energy saving measures to qualifying households.	Aug. '23			
						£576k secured through HUG2 to upgrade 30 homes not connected to the gas grid with insulation, energy efficiency and low carbon heating measures.	2023 - 2025		2025	
Energy Doctors attended Community Action Days across Opportunity Bucks areas	Sep. to Oct. 2023									
County-Wide	Economy and Skills		54. Encourage the use of recycled, biodegradable, and/or recyclable materials in products.	Short	Inform & Influence	Bucks Zero Waste Map published that shows all the shops, recycling points and businesses in Buckinghamshire that can help people reduce their waste.	09/09/2020			

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County-Wide	Economy and Skills		55. Support the development of the green economy in Buckinghamshire.	Short	Enabling Change	Bucks Zero Waste Map published that shows all the shops, recycling points and businesses in Buckinghamshire that can help people reduce their waste.	09/09/2020			
County-Wide	Economy and Skills		56. Promote initiatives to reduce emissions from the private and third sector in Buckinghamshire.	Medium	Enabling Change	Defra Air Quality Grant bid to undertake a campaign with 30 large employers in Bucks to accelerate the mode shift to electric vehicles and e-bikes	14/10/2020	Successful bid outcome - £97,900 awarded	09/03/2021	
						Promotion of the following grant schemes to Community Boards:				
						Rural Community Development Fund	04/12/2020			
						The Greening Campaign	04/12/2020			
						HS2 Community and Environment Fund	05/03/2021			
						The Tree Council Branching Out Fund	08/10/2020			
						Funding for Woodland Creation	22/03/2021			
						Urban Tree Challenge Fund	30/06/2021			
						Veolia Environmental Trust Grants	16/08/2021			
						Gawcott Solar C.I.C.'s Bee Green Grant Fund	16/08/2021			
						Funding from Heart of Bucks	16/08/2021			

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County-Wide	Economy and Skills		56. Promote initiatives to reduce emissions from the private and third sector in Buckinghamshire.	Medium	Change	Bucks Solar Together advertised on the Low Carbon Workspaces website and promoted in an e-shot to businesses from Low Carbon Workspaces	26/05/2022			
						£250 vouchers offer to businesses by Visit Buckinghamshire to reduce their carbon footprint promoted in an e-shot	09/06/2022			
						Promotion of Clean Air Day Networking Lunch	10/06/2022			
						Clean Air Day Event held in conjunction with Bucks Business First, Global Action Plan and the University of Buckingham for local businesses	16/06/2022	Over 35 local business attended the event and were provided with an update on the support available for businesses adopting electric vehicles and creating low-carbon workspaces Since 2017 200 businesses in Buckinghamshire have been assisted by Low Carbon Workspaces scheme (with Buckinghamshire have been assisted by Low Carbon Workspaces scheme £589,546 in grant funding) leading to £394,337 energy cost savings per year.	16/06/2022	
						Low Carbon Workspaces has closed after allocating £3.3m in funding to over 900 projects across Beds, Hearts, Bucks, Berkshire & Northamptonshire.	2023	5,000 tCO2e per annum saved across 900 projects		5,000 tCO2e per annum

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County-Wide	Environment, Land and Water		57. Work with the Environment Agency and other partners to minimise the risk of flooding and improve community flood resilience.	Short	Direct Control	Projects ongoing with Environment Agency support and funding in Marlow (Newt Ditch) ^[66] , Pednornead End ^[67] (Chesham) and Willows estate in Aylesbury. Feasibility studies to determine if there are viable options for a business case in Sands (High Wycombe), Hughenden, (High Wycombe), West Marlow, Gawcott and Tingewick. Ongoing Natural Flood Management projects are ongoing in and around Buckingham, and Winslow areas.	Through 22/23 and forward until 2026			
County-Wide	Environment, Land and Water		58. Support the provision of advice and resources to encourage water saving.	Short	Inform & Influence	AWorld app promoted by the Council	22/04/2022	1.11m litres of water and 5346 kWhs of electricity have been saved so far as a result of environmentally friendly actions taken and recorded on the app.	Aug-22	14,466 kgs of CO2 saved to date
						'Buckinghamshire Council does its bit to save water during the hosepipe ban' press release	24/08/2022			
County-Wide	Health and Communications		59. Raise public awareness of climate change, and indoor and outdoor air quality.	Short	Inform & Influence	EOI Bid to the Greater South East Energy Hub to hold a COP26 transport decarbonisation event	27/08/2021	Bid successful - £28,500 secured to run an event at Lunaz's facility in Silverstone on 10/11/2021 which will be live-streamed	10/09/2021	
						COP26 event "Green Wheels in Motion" held promoting solutions for the decarbonisation of transport.	2021	'Green Wheels in Motion' event	10/11/2021	
						Defra Air Quality Grant bid includes a project to provide Community Boards and schools with materials (toolkits) to enable them to carry out campaigns and to raise awareness of local air quality issues.	08/10/2021	Successful bid outcome - £91,273 awarded.	09/03/2022	
						Social media campaign run during Earthday raising awareness of Council action on tree planting, EVCI, active travel and recycling.	22/04/2023	Over 25,000 impressions and 1,168 engagements across all platforms (Twitter, Facebook, Instagram).	Apr-23	

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County-Wide	Health and Communications		59. Raise public awareness of climate change, and indoor and outdoor air quality.	Short	Influence	Council Energy and Climate Change webpages updated	28/02/2022			
						Bucks' Climate Challenge webpage goes live	11/03/2022			
						Clean Air Day promoted in Together Now internal email	15/06/2022			
						Online video raises awareness of use of diffusion tubes for monitoring nitrogen dioxide concentrations	Oct-22			
						Online video promotes use of greener modes of transport	27/10/2022			
						Press release issued regarding COP27 and the Council's work to address climate change	16/11/2022			
County-Wide	Health and Communications		60. Encourage environmentally sustainable living via communications campaigns.	Short	Inform & Influence	Tree seed collection and germination at home encouraged via Council social media campaigns	Oct-21			
						New information on EV Charging published on the Council's website	22/12/2021			
						Bucks' Climate Challenge webpage goes live	11/03/2022			
						AWorld app promoted by the Council	22/04/2022	1.11m litres of water and 5346 kWhs of electricity have been saved so far as a result of environmentally friendly actions taken and recorded on the app.	Aug-22	14,466 kgs of CO2 saved to date
						'Save money, enjoy the weather, and walk, scoot or cycle to school!' press release				

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						'FoodCycle now offering free weekly meals to local residents' (press release)	26/07/2022			
						'Get your veg on with Grow It, Cook It, Eat It' press release	22/09/2022			
						Talk delivered at the BMKALC conference about nature based solutions to climate change highlighted the benefits of tree planting, and organic products and production methods	25/10/2022			
						Council produced online video promotes use of greener modes of transport	27/10/2022			