

# **Climate Change and Air Quality Strategy – Action Plan**

---

Last updated: 08/22

---

A summary of the activity against the 60 actions in the Climate Change and Air Quality Strategy ('main document') is presented in Table 1.

**Table 1 Climate Change and Air Quality Strategy Actions.**

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
Governance and Management			1. Continued engagement with central government on air quality and greenhouse gas emissions issues.	Short	Inform & Influence	Response to Minimum Energy Efficiency Legislation consultation	Dec 2020			
						Defra consultation on environmental targets which includes targets for PM <sub>2.5</sub> <sup>1</sup>	16/03/22	Submitted response to Defra	27/06/22	
						Response to Defra's consultation on the Designation	06/06/22			

<sup>1</sup> For more information, please visit: <https://consult.defra.gov.uk/natural-environment-policy/consultation-on-environmental-targets/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						of the National Highways as a Relevant Public Authority				
						Response to Defra's consultation on the review of the Local Air Quality Management Policy Guidance	06/06/22			
Governance and Management			2. Explore carbon offsetting fund and low carbon energy generation investment options.	Medium	Financial / Regulatory Role					
Governance and Management			3. Establish and maintain interdepartmental working groups	Short	Direct Control	Domestic Retrofit Programme Board established	16/07/21			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			accountable for the delivery of actions.			EVCI <sup>2</sup> and Solar Car Port Programme Board / Working Group established	11/08/21			
						Council Estate and Climate Change Board established	04/01/22			
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					

<sup>2</sup> Electric Vehicle Charging Infrastructure

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
Governance and Management	Monitoring and Reporting	Council's Emissions	6. Monitor and report quarterly on emissions savings across Council operations	Short	Direct Control					
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 75% and 80% of the Council's gas and electricity supplies respectively.	Aug 2022	
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 <sup>3</sup>	02/04/19	

<sup>3</sup> For more information, please visit: <https://www.gov.uk/government/news/3-million-boost-for-innovative-local-air-quality-improvements--4>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
								Real time air quality monitoring sensor study completed <sup>4</sup>	Dec 2021	
						NO <sub>2</sub> monitoring locations review	Annually every December	Review completed <sup>5</sup>	Dec 2021	
Governance and Management	Monitoring and Reporting	County-wide Emissions	9: Report annually on progress made against actions and reducing emissions.	Short	Direct Control	Submission of an Annual Status Report <sup>6</sup> (ASR) to Defra detailing the actions the Council has taken in 2021 to improve air quality	30/06/22			
The Council's Emissions to Air			10. Monitor the development of innovative solutions which could help	Short	Direct Control	Application for £320,076.24 submitted to the Local	17/06/22			

<sup>4</sup> For more information, please visit: <https://www.southbucks.gov.uk/Review-and-Assessment>

<sup>5</sup> Maps showing the NO<sub>2</sub> diffusion tube monitoring locations can be found in the 2021 [Annual Status Report](#)

<sup>6</sup> The 2021 Annual Status Report is accessible via the following link: <https://www.buckinghamshire.gov.uk/environment/air-and-water-quality/air-quality-status-report-2021/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			reduce our emissions.			Electric Vehicle Infrastructure (LEVI) Fund for a modular system that incorporates solar PV, battery storage and EVCI technologies				
The Council's Emissions to Air			11. Review carbon offsetting options and develop a policy on their use.	Short	Direct Control					
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	17/06/21 07/07/21 11/08/21	(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		

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
The Council's Emissions to Air			13. Implement a large scale tree planting programme across the estate.	Medium	Direct Control	WCDPs <sup>7</sup> produced for Phase 1	12/08/21			
						Invitation to Quote for Woodland Creation and Maintenance at Billet Field published	18/10/21	Contractor selected <sup>8</sup> . Woodland creation at Billet Field completed (3450 trees)	March 2022	~411 tCO <sub>2</sub> e by 2122
						LATF funded community tree planting in Spade Oak Meadow <sup>9</sup> and next to the public highway	08/01//22	586 trees planted	March 2022	
						Trees offered to schools and care homes as		168 trees planted on Council owned sites	March 2022	

<sup>7</sup> Woodland Creation Design Plans

<sup>8</sup> For more information, please visit: <https://www.contractsfinder.service.gov.uk/notice/3e503a8a-0b7e-4800-91eb-1379aca2a01b?origin=SearchResults&p=1>

<sup>9</sup> Opportunity publicised by Releaf Marlow: <https://www.facebook.com/events/994278691152668/>



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						part of the Queen's Green Canopy  Tree planting by Chiltern Rangers on Council sites		1656 trees planted	March 2022	
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 <sup>10</sup> bid includes provision for tree planting at highways verge locations	29/06/21	LATF funding secured (~£203k) to support tree planting and maintenance on highways verges and in community spaces	13/09/21	
The Council's Emissions to Air	Behaviour		15. Embed climate change and air quality considerations in policy and decision making.	Medium	Direct Control	Climate Change and Air Quality Strategy formally adopted <sup>11</sup> .	19/10/21			

<sup>10</sup> Local Authority Treescaping Fund

<sup>11</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/together-for-buckinghamshire-together-for-our-planet/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Neighbourhood Services consider the environmental impacts of a contract to replace of cremators at Chilterns Crematorium	27/10/21	Guidance on the management of supplier contracts for environmental betterment draft provided	12/11/21	
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	Two Member Climate Change Awareness Training delivered (52 attendees)  Staff encouraged to 'waste less and save more' on Earth Day (22/04/22) (Together Now email)	28/04/22  20/04/22			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Staff encouraged to adopt emission reducing behaviour on Clean Air Day (Together Now email)	15/06/22			
						Staff encouraged to use active travel modes for National Walking Month (Together Now email)	18/06/22			
						Staff encouraged to use the AWorld app (Together Now email)	11/05/22			
						Staff encouraged to go plastic free	29/06/22			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						in July (Together Now email)				
						Carbon Literacy Training <sup>12</sup> delivered to 13 individuals	29 <sup>th</sup> – 30 <sup>th</sup> June 2022			(Individuals' carbon footprint reduced by 5-15%)
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	Commissioning of consultants to undertake a review of Council buildings to inform the production of a heat decarbonisation plans (HDPs)	Sept / Oct 2021			

<sup>12</sup> For more information on the Carbon Literacy Project, please visit: <https://carbonliteracy.com/organisation/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Taking forward an air source heat pump (ASHP) project with a £127,690 grant from the PSDS <sup>13</sup>	04/02/22 <sup>14</sup>			
						Taking forward an air source heat pump (ASHP) project at Aylesbury Lending Library with a £86,580 grant from the PSDS <sup>15</sup>	27/01/22 <sup>16</sup>			
						Application to the Public Sector Low	15/06/22	Application not successful due to the	15/08/22	

<sup>13</sup> Public Sector Decarbonisation Scheme (for more information, please visit: <https://www.gov.uk/government/collections/public-sector-decarbonisation-scheme>)

<sup>14</sup> Grant offer date

<sup>15</sup> Public Sector Decarbonisation Scheme (for more information, please visit: <https://www.gov.uk/government/collections/public-sector-decarbonisation-scheme>)

<sup>16</sup> Grant offer date

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Carbon Skills Fund (LCSF) for HDPs/detailed design plans for 7 sites		LCSF not being able to accommodate all bids		
						Transition to cloud-based servers project	2021 – 2022	260 on-site computer services replaced with the Microsoft 'Azure' Cloud service	Aug 2022	156 tCO2e per annum
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					
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					
The Council's Emissions to Air	The Council's Operational Estate	Land	20. Conduct feasibility studies for the installation of	Medium	Direct Control	Engagement with two suppliers	17/06/21 07/07/21 11/08/21	(13 systems could be installed on public car parks with a TIC of		

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			solar car ports at appropriate parking sites.			regarding the potential for solar car ports on Council car parks		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	17/06/22			
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	02/03/22	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)	27/07/22	

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Cycle to Work Scheme <sup>17</sup>				
						Together includes an item on 12 months of driving electric	13/04/22			
						Together includes an item highlighting the benefits of securing an electric car via the car benefit scheme from CPC Drive/Tusker	06/07/22	56% of all orders placed since Oct 18 have been for either electric or hybrid vehicles.	27/07/22	
The Council's Emissions to Air	Transport		23. Introduce annual staff and councillor travel surveys.	Short	Direct Control					

<sup>17</sup> 'The Cycle to Work Scheme opens this month! Save 25-39% on a new bike for work'. Webinar hosted by Cyclescheme (the Council's Cycle to Work partners) on Thursday 3 March at 11am.



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
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	08/10/21	Successful bid outcome - £578,000 awarded <sup>18</sup> .	09/03/22	
						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	21/03/22		21/03/27	Over 5 years: 6.97 tonnes of CO2e 62.36 kgs of CO <sup>19</sup> , 9.97 kgs of oxides of nitrogen (NOx) 0.56 kgs of particulate matter

<sup>18</sup> For more information, please visit: <https://www.gov.uk/government/news/116m-boost-for-local-authorities-to-tackle-air-pollution>; and <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-to-convert-first-refuse-vehicle-to-electric-thanks-to-government-grant/>

<sup>19</sup> Carbon monoxide

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Installation of a new EVCP at Family Time Services Aylesbury	07/06/22			
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	01/11/21			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						office to 40% of their working week				
Suppliers and Partners	Partners		27. Help communities identify, develop, and secure funding for projects addressing climate change and/or air quality.	Short	Enabling Change	LATF <sup>20</sup> bid includes projects led by Buckingham Canal Society, Transition Town Marlow, Haddenham Town Council, Hazelmere Parish Council, Buckland Parish Council, Sue Ryder Prayer Fellowship, and Chiltern Rangers C.I.C.	29/06/21	LATF funding secured (~£203k)	13/09/21	

<sup>20</sup> Local Authority Treescapes Fund

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
								817 trees planted	March 2022	
						Provided rural Community Energy Fund application support to Buckinghamshire Community Energy		Funding secured and Wendover Wharf Road Campus decarbonisation feasibility study completed. Recommended that ASHPs to be installed when boilers need to be replaced. Heat and hot water demand could be reduced by installing cavity wall, loft or roof insulation, and point of use (PoU) water heaters. Solar PV could provide as much as 450MWh of electricity	July 2022	
Suppliers and Partners	Partners	Schools and Academies	28. Support measures that reduce emissions to air in the Getting to School Strategy and	Short	Enabling Change	Helping schools develop School Travel Plans <sup>21</sup>	Ongoing	2nd place in the Modeshift STARS league table for the country, with a total of 64 accredited travel plans	July 2022	

<sup>21</sup> For more information, please visit: [School Travel Planning – Buckinghamshire Council](#)

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			forthcoming Home to School Strategy			Helping children to learn to cycle (Bikeability training)	Ongoing (with funding from DfT)	across the county. Three schools have also achieved platinum status.		
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			
Suppliers and Partners	Partners	The Council's Investment Estate	30. Endeavour to improve the energy performance of investment properties.	Long	Financial / Regulatory Role	New High Wycombe ambulance hub will include proposals for high levels of insulation, a heat pump and electric vehicle	20/07/21			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						charging points <sup>22</sup> .				
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	2021/2022	Balfour Beatty awarded the contract <sup>23</sup>	03/08/22	

<sup>22</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/green-light-for-new-high-wycombe-ambulance-hub-proposal/>

<sup>23</sup> For more information please visit: <https://www.buckinghamshire.gov.uk/news/council-announces-new-partner-to-continue-programme-of-highways-improvements/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Solar PV system installation at London Road East Depot in Amersham by Veolia		136 solar PV panels installed	17/03/21	12.25 tonnes of CO2e per annum
						Engagement with Everyone Active re. introducing EV to their sites	25/05/22	Everyone Active is investigating the potential to install EV charge points within their carparks		
						£345,386 PSDS scheme funding secured <sup>24</sup> to install water source heat		Renewable energy technologies installed and Chilterns Lifestyle Centre opens <sup>25</sup>	06/12/21	~180 tonnes of CO2e per annum saved from ASHP technology.

<sup>24</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/new-grant-to-boost-chilterns-lifestyle-centres-green-credentials/>

<sup>25</sup> For more information, please visit: <https://chilternslifestylecentre.com/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						pumps and 450 roof-mounted solar photovoltaic panels at the new <a href="#">Chiltern's Lifestyle Centre</a>				~36.74 tonnes of CO2e per year saved from the solar PV installation
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	Review of Council supply contract underway with a view to purchasing 'green energy' in 2022	Feb / March 2022	Commitment to procure 25% of the electricity we use at corporate sites from renewable sources for supplies commencing on 01/10/22 <sup>26</sup>	21/07/22	~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				

<sup>26</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-to-hit-25-renewable-electricity-target/>



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
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 2020			
						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			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
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				
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					
County-Wide			38. Consider emissions in future strategy development and grant funding decisions.	Short	Direct Control	(Tree Strategy currently under development)  (Electric Vehicle Charging Strategy		Buckinghamshire Electric Vehicle Action Plan adopted <sup>27</sup>	07/06/22	

<sup>27</sup> For more information, please visit: <https://buckinghamshire.moderngov.co.uk/ieListDocuments.aspx?CId=337&MeetingId=17440>; and <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-launches-ambitious-electric-vehicle-action-plan/#:~:text=The%20Action%20Plan%20covers%20a,across%20the%20county%20by%202027.>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						currently under development)				
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 PM <sub>2.5</sub> <sup>28</sup>	16/03/22	Submitted response to Defra	27/06/22	
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 <sup>th</sup> September.		Renewal licences only issued where vehicles comply with Euro 5 emissions standard <sup>29</sup> . 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	06/09/21  2030	

<sup>28</sup> For more information, please visit: <https://consult.defra.gov.uk/natural-environment-policy/consultation-on-environmental-targets/>

<sup>29</sup> Unless they meet grandfather rights criteria. For more information about the new policy, please visit: <https://www.buckinghamshire.gov.uk/business/licences-and-permits/taxi-licensing/new-taxi-and-private-hire-licensing-policy/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
								ultra-low or zero emissions will also be licensed for a longer period until they are fifteen years old		
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 <sup>30</sup> bid application	2020	£105k awarded for 32 additional electric vehicle charge points <sup>31</sup> which will be installed by Autumn 2021.		
								New cycle route section linking Waddesdon and	24/08/21	

<sup>30</sup> On-Street Residential Chargepoint Scheme. For more information, please visit: <https://www.gov.uk/government/publications/grants-for-local-authorities-to-provide-residential-on-street-chargepoints>.

<sup>31</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/funding-boost-electric-vehicle-ownership/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
								Aylesbury is officially opened <sup>32</sup>		
								OSRIC <sup>33</sup> demonstrator project – induction pad and EV hire car made available in Liston Road Car Park, Marlow <sup>34</sup>	27/09/21	
								OSRIC demonstrator project – induction charging pad made available in Summers Road Car Park in Burnham <sup>35</sup>	28/10/21	
								Wendover cycleway improvements <sup>36</sup>	Summer 2022	

<sup>32</sup> For more information, please visit: <https://www.itv.com/news/meridian/2021-08-24/new-cycle-route-section-linking-waddesdon-and-aylesbury-is-officially-opened>

<sup>33</sup> On-Street Residential Induction Charger

<sup>34</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/innovative-wireless-electric-vehicle-charging-comes-to-bucks/>

<sup>35</sup> For more information, please visit: <https://www.osric.co.uk/ecar-club-summers-road/>

<sup>36</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/parking-roads-and-transport/cycling-and-walking/walking-and-cycling-routes/walking-and-cycling-routes-in-development/wendover-cycleway-improvements/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Application for £2.47m submitted to the LEVI Fund for in-pavement, lamppost, and induction EVCI and a modularised solar car port with EVCI	17/06/22	Active travel schemes in Aylesbury and Marlow made permanent <sup>37</sup>	Apr 2022	
						ORCS bid submitted for funding for an additional 64 chargepoints in 16 public car park locations	20/07/22			

<sup>37</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/two-active-travel-schemes-in-aylesbury-and-marlow-to-be-made-permanent/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
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	Expansion of the Electric Scooter Trial	17/05/21	Electric Scooters made available in Princes Risborough <sup>38</sup>	17/05/21	
						Possible extension of the Electric Scooter Trial until 31 <sup>st</sup> March 2022	Nov. 2021			
						Extension of the electric scooter trial until Nov 2022 <sup>39</sup>	March 2022	~21.7 tCO2e saved	Summer 2022	~21.7 tCO2e saved
						Completed the introduction of	March 2021	Bikes were hired 3,552 times and covered a total	Dec 2021	

<sup>38</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/parking-roads-and-transport/buckinghamshire-electric-scooter-trial/>

<sup>39</sup> For more information, please visit: [https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-extends-its-e-scooter-trial/?dm\\_i=5438,IS5B,4CAIDB,26K9I,1](https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-extends-its-e-scooter-trial/?dm_i=5438,IS5B,4CAIDB,26K9I,1)

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						County's first e-bike rental scheme along the Waddesdon Greenway <sup>40</sup>		distance of 33,995 kilometres		
County-Wide	Transportation		45. Investigate the feasibility of introducing Low Emission Zones.	Short	Direct Control	Marlow Low Emission Zone Study - Air Quality Assessment produced	July 2021	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 2022	
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. Option to work in the office 40% of the time or at manager's discretion.	01/11/21			

<sup>40</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/new-electric-bike-scheme-waddesdon-greenway/>



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
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	07/05/21	Successful bid outcome - £500,000 awarded <sup>41</sup> (N.B. scheme to be completed by March 2023)	13/08/21	
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	Short	Direct Control	Sustainable Development TAN exploration	19/05/21			

<sup>41</sup> For more information, please visit: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1009151/traffic-signals-maintenance-scheme-award-winners.csv/preview](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1009151/traffic-signals-maintenance-scheme-award-winners.csv/preview)

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			change in new developments.							
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					
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					
County-Wide	Buildings and Developments	Housing	52. Support registered social housing providers' implementation of	Long	Enabling Change	GHGLAD <sup>42</sup> Phase 2 bid	22/03/21	£1,360,070 awarded for energy performance retrofits to approx. 130 eligible properties <sup>43</sup>		

<sup>42</sup> Green Homes Grant Local Authority Delivery Scheme. For more information, please visit: <https://www.gov.uk/government/publications/green-homes-grant-local-authority-delivery-scheme-phase-2-funding-allocated-to-local-energy-hubs>

<sup>43</sup> Press release issued on 6<sup>th</sup> December 2021: <https://www.buckinghamshire.gov.uk/news/new-initiative-launched-to-help-householders-be-warmer-greener-and-save-on-fuel-bills-this-winter/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			sustainable energy and climate change adaptation initiatives in their stock.			GHGLAD Phase 2 implementation deadline extension request submitted	16/08/21	Deadline extended to the end of March 2022	20/08/21	
						Sustainable Warmth Competition <sup>44</sup> EOI submitted (≤10% applicable to social housing)	30/07/21			
County-Wide	Buildings and Developments	Housing	53. Promote opportunities for residents to improve their homes to help them mitigate and/or adapt to climate	Short	Enabling Change	GHGLAD 1b <sup>45</sup> Consortium bid submitted (led by Watford Borough Council)	2020	£1m awarded for energy performance retrofits to approx.. 100 properties (primarily park homes)		

<sup>44</sup> For more information, please visit: <https://www.gov.uk/government/publications/apply-for-the-sustainable-warmth-competition>.

<sup>45</sup> For more information, please visit: <https://www.gov.uk/government/publications/green-homes-grant-local-authority-delivery-scheme-entering-a-bid>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			change and poor air quality.			GHGLAD 1b Implementation extension request submitted	August 2021	Deadline extended to the end of March 2022	20/08/21	
								91 properties retrofitted with energy efficiency measures under GHGLAD1b	Aug 2022	
						Green Homes Grant promoted via a press release <sup>46</sup>	07/10/22	Bucks Herald news item <sup>47</sup>	07/10/22	
						Bucks Solar Together launched and promoted <sup>48</sup>	09/05/22			

<sup>46</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/green-homes-grant-can-help-households-save-up-to-600-a-year-on-their-energy-bills/>

<sup>47</sup> For more information, please visit: <https://www.bucksherald.co.uk/business/green-homes-grant-can-help-aylesbury-households-save-ps600-year-their-energy-bills-2995496>

<sup>48</sup> For more information, please visit:

[https://solaraltogether.co.uk/buckinghamshire/home?utm\\_source=google&utm\\_medium=cpc&utm\\_campaign=search&utm\\_content=brand&utm\\_term=rsa&gclid=CjwKCAjwve2TBhByEiwAaktM1MxceWFvQeklp3gOPI9CxL-n7WOKLNCtWI7AGTCoHk8Uf2nATqeW3hoC-cMQAvD\\_BwE](https://solaraltogether.co.uk/buckinghamshire/home?utm_source=google&utm_medium=cpc&utm_campaign=search&utm_content=brand&utm_term=rsa&gclid=CjwKCAjwve2TBhByEiwAaktM1MxceWFvQeklp3gOPI9CxL-n7WOKLNCtWI7AGTCoHk8Uf2nATqeW3hoC-cMQAvD_BwE); <https://www.buckinghamshire.gov.uk/news/residents-invited-to-register-for-affordable-renewable-energy-offer/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Bucks Solar Together scheme promoted to staff via Together Now internal email	11/05/22			
						Letters sent to 151.340 addresses regarding the Solar Together opportunity	23/05/22	6,990 registrations to the scheme	11/07/22	
								950 offers accepted under the Buckinghamshire Solar Together scheme	15/08/22	(~675 tCO <sub>2</sub> e saved per annum projected)
County-Wide	Economy and Skills		54. Encourage the use of recycled, biodegradable, and/or recyclable	Short	Inform & Influence	Bucks Zero Waste Map published <sup>49</sup> that shows all the shops,	09/09/20			

<sup>49</sup> For more information, please visit: <https://www.recycleforbuckinghamshire.co.uk/zerowastemap/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
			materials in products.			recycling points and businesses in Buckinghamshire that can help people reduce their waste <sup>50</sup> .				
County-Wide	Economy and Skills		55. Support the development of the green economy in Buckinghamshire.	Short	Enabling Change	Bucks Zero Waste Map published <sup>51</sup> that shows all the shops, recycling points and businesses in Buckinghamshire that can help people reduce their waste <sup>52</sup> .	09/09/20			

<sup>50</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/interactive-map-launched-mark-zero-waste-week/>

<sup>51</sup> For more information, please visit: <https://www.recycleforbuckinghamshire.co.uk/zerowastemap/>

<sup>52</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/interactive-map-launched-mark-zero-waste-week/>



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						The Greening Campaign <sup>55</sup>	04/12/20			
						HS2 Community and Environment Fund <sup>56</sup>	05/03/21			
						The Tree Council Branching Out Fund <sup>57</sup>	08/10/2020			
						Funding for Woodland Creation	22/03/21			
						Urban Tree Challenge Fund <sup>58</sup>	30/06/21			

<sup>55</sup> For more information, please visit: <http://www.greening-campaign.org/#>

<sup>56</sup> For more information, please visit: <https://hs2funds.org.uk/home/community-environment-fund/>

<sup>57</sup> For more information, please visit: <https://treecouncil.org.uk/apply-for-one-of-our-tree-planting-grants/>

<sup>58</sup> For more information, please visit: <https://www.gov.uk/guidance/urban-tree-challenge-fund>



Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Veolia Environmental Trust Grants <sup>59</sup>	16/08/21			
						Gawcott Solar C.I.C.'s Bee Green Grant Fund <sup>60</sup>	16/08/21			
						Funding from Heart of Bucks <sup>61</sup>	16/08/21			
						Bucks Solar Together advertised on the Low Carbon Workspaces website <sup>62</sup> and promoted in an e-shot to	26/05/22			

<sup>59</sup> For more information, please visit: <https://www.veoliatrust.org/>

<sup>60</sup> For more information, please visit: [https://gawcottsolar.co.uk/#get\\_involved](https://gawcottsolar.co.uk/#get_involved)

<sup>61</sup> For more information, please visit: <https://heartofbucks.org/green-schools-fund/>; and <https://heartofbucks.org/green-community-fund/>.

<sup>62</sup> Please visit: [https://www.lowcarbonworkspaces.co.uk/news/registration-for-the-solar-together-scheme-is-now-open.html#msdyntrid=dV\\_ii34vYTjzGy9BxpnaHjIKdfRe7q4Hi34Zlxb6fhg](https://www.lowcarbonworkspaces.co.uk/news/registration-for-the-solar-together-scheme-is-now-open.html#msdyntrid=dV_ii34vYTjzGy9BxpnaHjIKdfRe7q4Hi34Zlxb6fhg)

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						businesses from Low Carbon Workspaces				
						£250 vouchers offer to businesses by Visit Buckinghamshire <sup>63</sup> to reduce their carbon footprint promoted in an e-shot	09/06/22			
						Promotion of Clean Air Day Networking Lunch <sup>64</sup>	10/06/22			
						Clean Air Day Event held in conjunction	16/06/22	Over 35 local business attended the event and were provided with an	16/06/22	

<sup>63</sup> Please visit: <https://bbf.uk.com/news/get-a-ps250-voucher-to-help-pay-for-climate-friendly-activity>

<sup>64</sup> Please visit: <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-launches-ambitious-electric-vehicle-action-plan/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						with Bucks Business First, Global Action Plan and the University of Buckingham for local businesses		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 £589,546 in grant funding) leading to £394,337 energy cost savings per year.	Aug 2022	662 tCO2e saved per annum
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	Through 22/23 and forward until 2026			

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						Ditch) <sup>65</sup> , Pednormead End <sup>66</sup> (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				

<sup>65</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/environment/flooding-and-flood-risk-management/flood-management-projects/the-newt-ditch-marlow-flood-alleviation-scheme/>

<sup>66</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/environment/flooding-and-flood-risk-management/flood-management-projects/the-pednormead-end-project/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						projects are ongoing in and around Buckingham, and Winslow areas.				
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 <sup>67</sup>	22/04/22	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 2022	14,466 kgs of CO2 saved to date
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	27/08/21	Bid successful - £28,500 secured to run an event at Lunaz's facility in Silverstone on 10/11/2021 which will be live-streamed	10/09/21	

<sup>67</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-becomes-the-first-local-authority-in-the-uk-to-support-aworld/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
								'Green Wheels in Motion' event <sup>68</sup>	10/11/21	
						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.	08/10/21	Successful bid outcome - £91,273 awarded <sup>69</sup> .	09/03/22	
						Council Energy and Climate Change	28/02/22			

<sup>68</sup> YouTube link: <https://www.youtube.com/watch?v=0Eq5NhlqcvY>. COP26 Regional Roadshows link: [https://cop26regionalroadshows-gseeh.org.uk/green\\_wheels\\_in\\_motion\\_event.html](https://cop26regionalroadshows-gseeh.org.uk/green_wheels_in_motion_event.html).

<sup>69</sup> For more information, please visit: <https://www.gov.uk/government/news/116m-boost-for-local-authorities-to-tackle-air-pollution>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						webpages updated <sup>70</sup>				
						Bucks' Climate Challenge webpage goes live <sup>71</sup>	11/03/22			
						Clean Air Day promoted in Together Now internal email	15/06/22			
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 2021			
						New information on	22/12/21			

<sup>70</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/environment/energy-and-climate-change/>

<sup>71</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/campaign/bucks-climate-challenge/>

Main Document Reference			Action	Time-frame	Sphere of Influence	Activity	Activity Date	Outcome	Outcome Date	Emission Savings
Chapter	Section	Sub-section								
						EV Charging published on the Council's website <sup>72</sup>				
						Bucks' Climate Challenge webpage goes live <sup>73</sup>	11/03/22			
						AWorld app promoted by the Council <sup>74</sup>	22/04/22	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 2022	14,466 kgs of CO2 saved to date

<sup>72</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/parking-roads-and-transport/parking/electric-vehicle-charging/>

<sup>73</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/campaign/bucks-climate-challenge/>

<sup>74</sup> For more information, please visit: <https://www.buckinghamshire.gov.uk/news/buckinghamshire-council-becomes-the-first-local-authority-in-the-uk-to-support-aworld/>