

Appendix B: Action Plan - Measures for delivering key priorities.

Key Priority 1: Regulatory Policies & Development Control

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
Control of emissions through planning – Operational Phase	Requirements to design out emissions from all new developments	Where technically viable: Provide active travel provision, cycle parking, car clubs, EVCP, alternatives to combustion emissions for heating and hotwater provision built into development design	Aim to achieve air quality neutral development	SPD in place for Cambridge City; Low Emission Strategy for major development in SCDC	Greater Cambridge Shared Planning Service	Greater Cambridge
Control of emissions through planning – Construction Phase	Requirements to minimise emissions through conditions to control dust and emissions from non road mobile machinery (NRMM) where appropriate	Through conditions minimise emissions during the construction phase	Minimise emissions during construction phase	Sustainable Design and Construction SPD, Policy 36 Cambridge City and Policy SC/14 SCDC of relevant local plans	Greater Cambridge Shared Planning Service	Greater Cambridge

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Electric Vehicle Charge Points (EVCP) – Car Parks	Provision of active and passive EVCP within all new / expanded and refurbished car parks	Minimum of 25% active and 75% passive EVCP provision. Active mix of slow (Min 7kW), fast (min 24kW) and rapid depending on end use	Enable uptake of electric vehicles through provision of infrastructure	Delivered in Cambridge City through SPD.	Environmental Health – Cambridge City / Greater Cambridge shared Planning Service	Greater Cambridge
Reduce emissions from emergency / back-up generators	Requirement to pursue alternatives to diesel generators	Where back up / emergency generators are required alternatives to diesel are required, particularly for sites in urban areas and adjacent to residential receptors	Improve public health, reduce potential for localised hotspots	Under Development	Cambridge City Council	Greater Cambridge but primarily targeted in Cambridge City and urban areas
Reduce PM_{2.5} emissions from solid fuel burning	Smoke Control Area (SCA) - Review	Opportunity to reduce contribution of PM _{2.5} from solid fuel burning in the city through review of boundaries of SCA, look at options including whether to include moorings within SCA, and if changes proposed carry out consultation. Update Guidance and policy in response to changes to legislation	Reduce background PM _{2.5} levels	Taking options to committee in Autumn 2024	Cambridge City Council – Environmental Health	Cambridge City Only

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Processes	Environmental Permits	Review Environmental Permits / Best Available techniques (BAT)	Minimise emissions in line with legislation and Section 4.2 of National Air Quality Strategy	Ongoing as part of legislative requirements	Cambridge City and SCDC Environmental Health departments	Cambridge City and SCDC
	Commercial Process	All new commercial processes to fulfil licencing requirements and consider emissions	Minimise emissions in line with legislation and Section 4.2 of National Air Quality Strategy	Ongoing as part of legislative requirements	Cambridge City and SCDC Environmental Health departments	Cambridge City and SCDC
Guidance & Policy	Low Emission Taxis Policy	Taxi Policy to encourage low emission vehicles	Reduce emissions within urban city centres	Cambridge City - going back to licencing committee in January 2024 to discuss extension of policy to allow hybrid vehicles	Cambridge City & SCDC have separate policies	Cambridge City and SCDC
	Greater Cambridge	Policy to deliver ongoing air quality improvements.	Aim to achieve air quality	Ongoing	Greater Cambridge	Greater Cambridge

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	Emerging Local Plan - Air Quality Policy	Policy needs to link succinctly with other relevant policies and ensure they do not conflict. For example: Health Impact Assessment (HIA), parking provision (Car and cycle), Climate Change and Sustainability	neutral developments		Shared Planning Service	
	Emerging Local Plan – Health Impact Assessment (HIA)	Requirement for major developments to undertake a Health Impact Assessment (HIA)	Improve public Health	Ongoing	Greater Cambridge Shared Planning Service	Greater Cambridge
	Greater Cambridge Air Quality Strategy	Develop strategy to align with emerging Local Plan policy	Deliver continued air quality improvements	Being taken to respective committees in March / April 2024 for Adoption	Cambridge City & SCDC	Greater Cambridge
	County Wide Strategies which help	See Appendix C for details of strategies and relevant links	Co-ordinate delivery of measures which	Ongoing	Various	Cambridgeshire

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	deliver air quality improvements		offer improved air quality as a co-benefit			
Reduce Council Emissions	Cambridge City Climate Change Strategy & SCDC Zero Carbon Strategy	Co-benefits for air quality as part of councils' commitment to become net zero carbon	Reduce Council operational emissions	Ongoing	Cambridge City & SCDC	Cambridge City & SCDC

Key Priority 2: Infrastructure Improvements

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
Active Travel	Greenways	Twelve Greenways feeding into Cambridge allowing walkers, cyclists and	The Greenways will make it easier and more pleasant to travel in and out of Cambridge in a sustainable way. They'll also help make local journeys like school runs safer and easier.	Various projects either delivered or under development www.greatercambridge.org.uk/sustainable-transport-programme/active-travel-projects	Greater Cambridge Partnership (GCP)	Greater Cambridge

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		other non motorised vehicle users to travel safely and sustainably	Where possible they will link to other active travel projects like the Chisholm Trail.			
	Chisholm Trail 2	Second part of the Chisholm Trail project to provide walking and cycling route across the City.	Reduce vehicle emissions	Phase 1 completed in 2022, Phase 2 under Construction www.greatercambridge.org.uk/sustainable-transport-programme/active-travel-projects/chisholm-trail	Greater Cambridge Partnership (GCP)	Greater Cambridge
	Cycling plus improvements	Prioritised list of additional walking, cycling and active travel schemes in Greater Cambridge to create	Current Schemes include Hills Road, Addenbrookes Roundabout and A1134	www.greatercambridge.org.uk/sustainable-transport-programme/active-travel-projects/addenbrookes-roundabout www.greatercambridge.org.uk/sustainable-transport-	Greater Cambridge Partnership (GCP)	Greater Cambridge

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		additional links within the wider active travel network		programme/active-travel-projects/hills-road		
	Hire Schemes for bikes and scooters	Various cycle and scooter hire schemes operating in Cambridge. Expansion of these schemes to allow bike hire at P&R sites.	Facilitate uptake of bikes providing alternative to cars.	Ongoing	Cambridgeshire County Council	Greater Cambridge
Public Transport Improvements	Corridor Schemes	Four corridor schemes to offer better public transport and active travel routes along corridors, identified as	The four schemes are Cambourne to Cambridge, Waterbeach to Cambridge, Cambridge East and Cambridge South East	See Public Transport Schemes www.greatercambridge.org.uk/sustainable-transport-programme/public-transport-schemes	Greater Cambridge Partnership (GCP)	Greater Cambridge

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		essential to link growing communities in the north, south, east and west.				
	Cambridge South Station	New railway station acting as a destination station for the Cambridge Biomedical Campus and Addenbrookes.	New destination station to facilitate travel to Cambridge Biomedical Campus, reducing need for car travel.	Under Construction	Network Rail	Cambridge City
	Active Travel and Bus Priority Schemes	Schemes in Cambridge to improve active travel and prioritise bus routes into and out of the City. Includes:	Increase uptake of public transport	Various projects either delivered or under development www.greatercambridge.org.uk/sustainable-transport-programme/active-travel-projects	Greater Cambridge Partnership (GCP)	Greater Cambridge

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		Milton Road, Newmarket Road.				
	Travel Hubs	10,000 additional park and ride spaces for people to switch to sustainable transport	Includes a new Travel Hub at Cambridge South West as well as hubs linked to corridor schemes. New facilities will have charging points for electric vehicles	www.greatercambridge.org.uk/sustainable-transport-programme/other-transport-schemes/cambridge-south-west-travel-hub-1	Greater Cambridge Partnership (GCP)	Greater Cambridge
	New Station for Waterbeach	Relocating the current Waterbeach railway station to provide a rail link for the new town as per the planning application	Facilitating the shift from private vehicle use	www.greatercambridge.org.uk/news/proposal-for-major-investment-to-unlock-thousands-of-new-homes-published	Greater Cambridge Partnership (GCP)	Greater Cambridge

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
	Bus Network	Projects to increase number of electric buses, bus franchising options and bus services and reform work.	Reduce Emissions from buses. Provision of public transport network to reduce need for private vehicles.	Electric Vehicle Implementation Strategy to be finalised in 2024	Cambridgeshire & Peterborough Combined Authority (CPCA)	Greater Cambridge
Wider Network	Car Club Contract	Contract set up to deliver new car club vehicles as need identified. Expectation of shift towards electric vehicles where infrastructure exists	Reduce reliance on private car ownership in existing residential areas	Contract in place – reactive as need identified	Cambridge City Council – Parking Services	Cambridge City
	City Centre Heat Network	City centre heat network.	Reduce emissions within historic city centre	Funding being sought	Cambridge University	Cambridge City

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
		<p>Consortium bid for money business case proposal – large buildings, not residential – phased approach</p>				
	<p>EV Charging On-Street</p>	<p>Enabling electric vehicle ownership for residential streets with no off street parking – e.g. lamp column chargers, pavement parking and charging facilities for electric bikes / cargo bikes,</p>	<p>Enabling infrastructure within existing residential areas to facilitate shift to zero emission vehicles</p>	<p>Post in place to help deliver this</p>	<p>Cambridgeshire County Council</p>	<p>Greater Cambridge</p>

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		pavement gullies for charging cables				
	SCDC EV charging community Scheme	Money available to install EV charge points in SCDC as identified by communities within SCDC	Enabling Infrastructure within existing residential areas to facilitate shift to zero emission vehicles.	www.scambs.gov.uk/climate-emergency-and-nature/grants-funding-and-community-support/electric-vehicle-charge-point-grant/	SCDC	SCDC
	Electric Vehicle charging in City Centre Car Parks	Contract in place to install EV charge points in all City Centre car parks	Facilitate shift to zero emissions vehicles	Charge points in place in some council car parks including Adam and Eve and Queen Anne. Ongoing at other sites	Cambridge City Council – Parking Services	Cambridge City
	Council Fleet – transition to Electric vehicles	Planned upgrade of all fleet vehicles to electric. The	Part of council vision for council to be Net Zero carbon offering air quality co-benefits	Ongoing	Cambridge City and SCDC Councils	Greater Cambridge

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	starting with Waste Fleet	Councils are delivering the £5.7m Waterbeach Depot Solar Park project, including funding from the CPCA. This will enable more of the waste collection fleet to go electric.			Greater Cambridge Shared Waste	
	Pilot Freight Partnerships	Feasibility Study to assess to possibility of having a freight consolidation scheme for	Reduce emissions from freight deliveries in Cambridge City Centre	Ongoing	Greater Cambridge Partnership (GCP)GCP	Greater Cambridge

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		City Centre businesses.				
	Road / Network Classification	GCP have undertaken consultation on a new road network classification for Cambridge	Consultation explored changing the way that traffic and people use roads to move around the city. Space on the roads could be freed up for more frequent and more reliable public transport. It could also create a safer and more attractive environment for people walking and cycling.	Consultation feedback to be published in 2024	Greater Cambridge Partnership (GCP)	Cambridge City
	Heavy Goods Vehicles (HGV)	Improve information fed into HGV sat navs to cover all weight and	Reduce emissions	Work commenced	Cambridgeshire County Council	Greater Cambridge

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		<p>height restrictions.</p> <p>Engagement with Road Haulage Association to encourage hauliers to use HGV specific sat navs</p>				
	<p>Integrated Parking Strategy, including on-street parking controls such as residential parking schemes</p>	<p>GCP and partners are working on an integrated parking strategy looking at how parking in Greater Cambridge could be better managed to</p>	<p>Potential to make better use of on-street, off-street and park and ride facilities to encourage sustainable travel</p>	<p>Vision for Parking Strategy adopted 2022, working on Action Plan</p>	<p>Cambridgeshire County Council and partners</p>	<p>Greater Cambridge</p>

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		achieve sustainable transport objectives.				
Boats & Moorings	Alternatives to solid fuel	Options for upgrading the energy sources available for boats in the City (irrelevant of SCA) Feasibility of installing electric charging.	Reduce emissions most notable PM _{2.5}	New Project	Cambridge City Council – Environmental Health	Cambridge City
Reducing Council Emissions	Cowley Road Depot Improvements	EVCP infrastructure to facilitate uptake of electric fleet	Part of council vision for Council to be Net Zero carbon offering air quality co-benefits	Ongoing	Cambridge City Council	Cambridge City

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Offset Emissions	Green Infrastructure	Offset Emissions through the use of green infrastructure – planting of trees & Hedgerows where appropriate	There is some evidence to suggest that within certain locations the planting of trees and / or hedgerows can absorb certain pollutants and / or act as a barrier. Further research required	In development	Cambridge City and SCDC	Greater Cambridge

Key Priority 3: Community Engagement, Promotion and Research

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
Promotion of alternative to private vehicle use	Active Travel Campaign	Work closely with the new Active Travel Team. Combined Authority and County have new Active Travel Teams that will be	Reduce reliance on private vehicles and emissions from these.	Ongoing	Cambridgeshire County Council	Cambridgeshire

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
		working with Active Travel England to bring forward improvements and promote active travel alternatives.				
	Businesses	Workplace travel planning. Engagement with businesses, to reduce emissions from their activities. Business forums – education and awareness raising.	Reduce reliance on private vehicles and reduce emissions associated with business activities.	Ongoing	Cambridge City & SCDC	Greater Cambridge
	Schools	Work with the Road Safety and Active Travel teams to promote and facilitate sustainable and active travel to school by school children and parents School travel plans and School Streets	Reduce reliance on private vehicles and emissions associated with these.	Ongoing	Cambridgeshire County Council and wider partners	Greater Cambridge

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	Doctors / Owl bikes project	Promote clean air quality and travel alternatives working with GPs, Cambridgeshire County Council and Cambridge and Peterborough Combined Authority (CPCA).	Reduce reliance on private vehicles and emissions associated with these.	Bid for funding submitted to Defra in October 2023. Current bid for funding with Cambridgeshire County Council	Cambridgeshire County Council and wider partners	Greater Cambridge
General Air quality awareness Raising	General	Proactive and reactive messages via Website, leaflets, social media, radio, local television Develop communications strategy	Shift in behaviour to reduce pollution emissions	Cambridge City in process of developing communications strategy	All Partners	Greater Cambridge
	Specific promotional days	Clean Air Day (June), Clean Air Night (Jan), Car Free Day (September), Cycle to Work Month (September) & Walking Month (May)	Shift in behaviour to reduce pollution emissions	As required	All Partners	Greater Cambridge
	Website	Update of District Council websites in line with	Shift in behaviour to reduce pollution	Ongoing	Cambridge City and SCDC	Greater Cambridge

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		National Air Quality Strategy	emissions, access to air quality data			
Links with Climate change Work	General	Education on the linkages between climate change and air quality Education links on energy reduction/implementation of energy efficiency measures	Shift in behaviour to reduce pollution emissions	Ongoing	Cambridge City, SCDC, Cambridgeshire County Council	Greater Cambridge
Engagement with Farming Community	Various engagement methods	Engagement with farming community to highlight the links between ammonia and particulate air pollution.	Reduce ammonia emissions	In development	SCDC, Natural England	SCDC
Dissemination of Air Quality Data	Website	Air quality data is available on several platforms including council websites, UK Air, Air Quality Index. Ensuring general public are aware of where this	Public Health benefits	Ongoing	Cambridge City Council and SCDC	Greater Cambridge

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		data can be found and how it can be used				
Anti Idling	General	Whilst neither Councils have powers for enforcement this is a high profile issue that would benefit from education and awareness raising.	Shift in behaviour to reduce pollution emissions & Public Health benefits	Ongoing	Cambridge City Council and SCDC	Greater Cambridge
Reporting Progress	Steering Group Meeting	Quarterly meetings with partners Engagement with partners at these meeting important to keep air quality on the agenda	Sharing of information and progress report	Ongoing – quarterly meetings	Cambridge City Council	Greater Cambridge
	Annual update on progress of report	Production of Annual Status Report (ASR) for DEFRA. Publicly available on council website	Sharing of information and progress report	Annual Report	Cambridge City and SCDC	Cambridge City & SCDC

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Reducing Particulate Emissions	Promote reduced and / or 'better burning'	Solid fuel burning both indoors and outdoors (e.g. bonfires) is a source of particulates within Greater Cambridge.	Reduce particulates within Greater Cambridge; most notably PM2.5	ongoing	Cambridge City and SCDC	Greater Cambridge

Key Priority 4: Monitoring

Broad Measure	Project / s	Details	Impact	Progress	Lead Delivery Body	Area Covered
Monitoring	Maintain monitoring network	Need to ensure monitors are maintained in compliance with LAQM guidelines to ensure that data is robust.	Assessment of compliance with WHO targets	Ongoing – Statutory Requirements	Cambridge City & SCDC	Cambridge City & SCDC
	Review monitoring network	Need to ensure that monitors are placed to capture the changes in air pollution as area is developed and changes made to infrastructure	Assessment of compliance with WHO targets	Ongoing – Statutory Requirements	Cambridge City & SCDC	Cambridge City & SCDC

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	New Monitoring techniques	Continue to keep up to date with new technologies for monitoring air pollutants / working with partners	Ensuring cost effective and accurate methods are used to assess compliance with WHO targets.	Ongoing	Cambridge City & SCDC	Cambridge City & SCDC
	Modelling	Modelling impact of fringe developments without STZ With scale of development predicted in local plan with no interventions Links to work already undertaken by GCP	Provide data on the effects on air quality of future proposed actions.	Ad Hoc	Cambridge City & SCDC	Greater Cambridge
	Wind Cap Project	Funding secured from Cambridgeshire County Council for 3 year project to measure nitrogen dioxide (NO ₂) using diffusion tubes both with and without a wind cap	Assessing effect of changes in meteorological conditions on accuracy of data provided by traditional monitoring techniques	Ongoing – Began in April 2023	Cambridge City	Cambridge City

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	Smogmobile Project	Cambridgeshire County Council funding secured for project to measure emissions along key roads in Cambridge at peak hours with scope to look at producing interactive maps to plan walking routes minimising exposure	Behavioural Change and public Health Benefits	Funding secured. Work to being in 2024	Cambridge City	Cambridge City
Agriculture	General	Consideration of ammonia emissions from farming. Reference in National Air Quality Strategy (Section 4.4.) further consideration required	Unknown	Unknown	SCDC	SCDC