

Air Quality Action Plan Measures in Progress, under consideration and/or development																			
Action	Description	Target/ Indicator/Policy/ Plan	City AQMA	Huntingdon AQMA	St Neots AQMA	Brampton AQMA	A14 Hemingford to Fenstanton AQMA	A14 Bar Hill to Milton AQMA	COSTS L (<£100K), M (£100K - £1M), H (>£1M)	Impact on air quality L/M/H	Feasibility L/M/H	AQAP Priority L/M/H	Lead Council	Partners/Contacts	Timescale	Wider impacts - climate change / economic / social benefits	Wider impacts - climate change / economic / social disadvantages		
Managing the network - infrastructure changes																			
1	Cambridgeshire Guided Busway	New route from St Ives to Trumpington, mostly on bus-specific land	N/A	Yes	No	No	Yes	Yes	High	to be modelled	High	High	Sustainable Infrastructure, Cambridgeshire County Council	Bus operators	open in 2009	Reduction in congestion on A14 and in Cambridge, increased travel choice for non-Cambridge residents	Increase in noise and emissions close to the CGB route		
2	A14 improvements	New alignment and improvements Ellington - Fen Drayton	Approval of draft Order	No	Yes	No	Yes	Yes	High	tbc	High	High	Sustainable Infrastructure, Cambridgeshire County Council	Highways Agency CCC contractor tbc	completion of proposed upgrading by 2015	Reduction in congestion on A14	Long term delays and commuter disruption during construction work		
3	A14 improvements	Widening of carriageway Fen Drayton - Histon and parallel link at Bar Hill	Approval of draft Order	No	No	No	No	Yes	High	tbc	High	High	Sustainable Infrastructure, Cambridgeshire County Council	Highways Agency CCC Costain Skanska JV	completion of proposed upgrading by 2015	Reduction in congestion on A14	Long term delays and commuter disruption during construction work		
4	A14 improvements	Widening of carriageway Histon - Fen Ditton	Approval of draft Order	No	No	No	No	Yes	High	tbc	High	High	Sustainable Infrastructure, Cambridgeshire County Council	Highways Agency CCC contractor tbc	completion of proposed upgrading by 2015	Reduction in congestion on A14	Long term delays and commuter disruption during construction work		
	New Roads	Link between Madingley Road and Huntingdon Road	N/A	Yes	No	No	No	Yes	High	tbc	High	High	Sustainable Infrastructure, Cambridgeshire County Council	City Council, University of Cambridge	depends on West Cambridge development	avoid journeys up and down H Rd and M Rd to reach A14/A428	Some delays and disruption during construction work		
	Rail infrastructure	New station at Chesterton	N/A	Yes	No	No	No	Yes	High	tbc	High	High	Sustainable Infrastructure, Cambridgeshire County Council	District Council, Network Rail	not known	increasing possibilities for rail use			
5	Low emission zone	Create areas that have lower speed limits, speed reduction methods, traffic restrictions and more pedestrian areas / cycle routes	Core Schemes IV and V	Yes	No	No	No	No	High	High	High	High	Highways and Access, Cambridgeshire County Council	District Councils	Ongoing, where appropriate	Improved perception of urban environment, increased economic activity, safer streets, more social interaction, lower noise levels	Enforcement application, resource provision and the potential for prejudice against owners of older vehicles		
6	Reduction in speed limits	Create new areas of 20mph zones	N/A	Yes	No	No	No	No	High	tbc	High	High	Highways and Access, Cambridgeshire County Council	District Councils	Ongoing, where appropriate	Safer Streets and potential for reduction in noise levels	Enforcement application, increased journey times		
7	Cycle City	Provision of new infrastructure and promotion of cycling across Cambridge	TBC, based on cycling rates	Yes	No	No	No	No	Medium	tbc	High	High	Cambridgeshire County Council	Sustainable Infrastructure, Major Infrastructure Delivery, OECS, City Council and SCDC	2008 - 20011	Increase in cycle usage, potential for traffic reduction, health benefits	None Known		
8	Improving City Centre Infrastructure	Re-design bus stops and introduce one way system in bus station area. Further improvements are TIF-dependent	Core Schemes IV	Yes	No	No	NA	NA	Med	High	High	High	Highways and Access, Cambridgeshire County Council	District Councils	Ongoing	Reduction in congestion in the area most affected by air pollution within the city	None Known		
9	Provision of new cycleways	New cycle path from Sawston to Babraham Park and Ride	N/A	Yes	No	No	No	No	Med	Low	High	Low	Cambridgeshire County Council	SCDC, Babraham Institute, Sawston VC, Granta Park	2009	Increase in cycle usage, potential for traffic reduction, health benefits	None Known		
10	Provision of new cycleways	New cycle and footpath Northfield Avenue to provide a link to the Guided Bus and a crossing for Kings Hedges Road	N/A	Yes	No	No	No	Yes	Med	Low	High	Low	Cambridgeshire County Council	SCDC and City Council	2008	Increase in cycle usage, potential for traffic reduction, health benefits	None Known		
11	Provision of new cycleways	Widening of path on Coe Fen between Newnham and Brooklands Avenue, part of NCN 11	N/A	Yes	No	No	No	No	Med	Low	High	Low	Cambridgeshire County Council, Sustainable Infrastructure, Highways and Access	City Council	2008	Increase in cycle usage, potential for traffic reduction, health benefits	None Known		
Managing the network - public transport improvements																			
12	Continuously improving quality of bus services by establishing Quality Bus Partnership	Stricter limits for buses and year-on-year fleet improvements Regulated by rising bollard transponder entitlement Twice-yearly MOT	90% Euro 2 with RPC by January 2009; RPC requirement dropped in negotiations	Yes	No	No	No	Yes	High	High	High	High	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	Bus companies, QPB Board	January 2009 for initial criteria: 90% Euro 3 by January 2011, ongoing improvements to be negotiated	Increased and improved public transport provision and choice, potentially reducing congestion	Cost to bus operators		
13	Increase coverage of the Quality Bus Partnership to cover Huntingdonshire	Increase coverage of the Quality Bus Partnership to cover Huntingdonshire	include Huntingdonshire in the QBP	No	Yes	Yes	Yes	Yes	High	High	Med	High	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	Bus companies, QPB Board	Need to obtain commitment on time scale from QPB	Increased and improved public transport provision and choice, potentially reducing congestion	Cost to bus operators		
14	Increase bus patronage	Increase bus customer satisfaction/ bus punctuality	LTP Con1, Con2, Con 5a, 5b, 5c	Yes	Yes	Yes	Yes	Yes	Med	High	Med	Med	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	Bus companies	Ongoing	Improves perception of public transport, increased patronage resulting in fewer private car journeys	None Known		
15	Increasing public transport provision	Higher frequency of buses, during the day and extending service in the evenings and Sundays	LTP, NI177	Yes	Yes	Yes	Yes	Yes	Med	High	Med	Med	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	District Councils/bus operators/ developers (S106 agreements)	Ongoing	Fewer private car journeys, reduction in congestion	None Known		
16	Increasing public transport provision	Increase in number of Park and Ride sites, Cowley Road site to be replaced by new site on Milton Road, other sites to be extended	LTP	Yes	No	No	No	Yes	Med	High	Med	High	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	District Councils/bus operators/ developers (S106 agreements)	Ongoing	Will attract commuters who would usually drive into the city. Reduction in private car journeys and therefore reduction in congestion	Some congestion caused during construction phase		
17	Increasing public transport provision	extension of number of Park and Ride operations to include Sunday and off-peak	LTP	Yes	Yes	Yes	NA	NA	Med	High	Low	High	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	District Councils/bus operators/ developers (S106 agreements)	Ongoing	Reduction in congestion, encourages behavioural change	Cost to the County Council		
18	Provision of Bus Priority measures	Extension of designated bus lanes planned in the City		Yes	Yes	No	No	No	High	Low	Med	Med	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)			Improvement in bus reliability and journey times resulting in increase in bus patronage	May have negative impact on other traffic if an existing "all traffic" lane is used as the bus lane		
19	Subsidised public transport	Non-commercial but important routes are subsidised in part	NI177	Yes	Yes	Yes	Yes	Yes	Med	Low	Med	Low	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	Bus companies	Ongoing	Reduction in congestion, increased bus patronage due to subsidies	Cost to the Council		

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20	Improving bus information provision	Provide Real Time Information at stops. Equipment installed on buses will communicate with on street equipment to indicate exactly when each bus will arrive.	% buses kitted out; % stops with RT signs; number of users of e-services:	Yes	Yes	Yes	Yes	Yes	Yes	High	Low	Med	Low	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	ACIS UK, Bus companies Traffic Managers Team Bedfordshire County Council, Peterborough Council, Luton Borough Council	2004 - Ongoing	Improved perception of bus service provision resulting in increased bus patronage and reduction in congestion	Cost to bus operators
21	Improving bus information provision	Provide interactive maps at stops that can be used to find out how to get from one part of the County or City to another using public transport, with details of bus times	% stops with maps: number of users	Yes	Yes	Yes	Yes	Yes	Yes	High	Low	Med	Low	Cambridgeshire County Council, Highways and Access, Head of Public Transport (Glenn Edge)	Bus companies Traffic Managers Team Bedfordshire County Council, Peterborough Council, Luton Borough Council	plans under way	Improved perception of bus service provision resulting in increased bus patronage and reduction in congestion	Cost of purchase and installation of equipment, prevention of vandalism
Managing the network - demand management																		
22	Congestion Charging	Charging at peak hours to enter Cambridge	To reduce vehicle kilometres in Cambridge by 10% on current day levels'	Yes	No	No	No	Yes	Yes	High	to be modelled	Med	High	Cambridgeshire County Council	Cambridge City Council/South Cambridgeshire District Council	Long-term	Spread of traffic away from peak hours, increased revenue that can be put back into the local environment. Coupled with other improvements in the package, more alternatives to the private car	May move the congestion to other areas, potential for prejudice against those who live in the City (or outside the City) and cannot afford the charge or those who have inadequate public transport provision
23	HGV restrictions	HGV access to certain areas limited	No information available	Yes	Yes	Yes	No	No	No	Low	Low	Low	Med	Cambridgeshire County Council	Highways Agency CCC Highways and Access Freight Manager	delayed	Noise reduction	Increase in noise near to restricted areas
24	Parking Management and Charging	Increase Controlled Parking Zones; Policies to discourage long-term parking in Cambridge centre	N/A	Yes	No	No	No	No	No	Low	Low	High	Med	Cambridgeshire County Council	District Councils	Ongoing	Discourages commuters and shoppers from driving into the city centre resulting in a reduction in congestion	May prejudice against those who require parking outside or near their homes
25	HDC Site Specific Employee Travel Plans	Reducing single occupancy car journeys, amending car allowance schemes to remove incentive for bigger vehicles, promote modal shift away from cars, provision of low emission pool cars for employees use	Number of Council employees travelling to work by car	No	Yes	Yes	Yes	Yes	No	Low	Low	High	Low	HDC	Employees	2010/2011	Encourages cycling/walking and saves on fuel costs; improves employee health. Sets an example to local organisations and businesses	None known
26	Employee Travel Plan (City Council)	Launched in 2008. Baseline interest-free season ticket loans, cycle allowance for work-related trips, discount at selection of cycle shops on new bikes and repairs. Plans include provision of cycle lockers, purchase of spaces in Grand Arcade car park, join Street Car, re-join LiftShare scheme, incentives for greater use of sustainable transport.	Reduce journeys to work by car, increase journeys to work by public transport, walking and cycling; increased tele-working	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Employees	2008 - 9	Encourages cycling/walking and saves on fuel costs; improves employee health. Sets an example to local organisations and businesses	None known
27	SCDC Travel for Work Plan	Introduced in 2004. Includes options for bicycle loans, interest free loans for public transport season tickets, car share and bike mileage allowances, motorbike mileage allowances, car sharer parking spaces and promotion of cleaner modes of transport.	Reduce journeys to work by car, increase journeys to work by public transport, walking and cycling; increased tele-working	No	No	No	No	Yes	Yes	Low	Low	High	Low	South Cambridgeshire District Council	Employees	Ongoing	Encourages cycling/walking and saves on fuel costs; improves employee health. Sets an example to local organisations and businesses	None known
Lowering Vehicle emissions																		
28	Improve emissions performance of council fleet	Replacing of older "dirtier" vehicles with newer "cleaner" technologies	part of NI 194	Yes	Yes	Yes	Yes	Yes	Yes	Med	Medium	High	Low	All Councils	County CC - Susan Haylett City CC - Climate Change Officer and Fleet Manager, HDC Environment Team Leader, SCDC No-one	Ongoing	Improve perception of the Council as environmentally aware and reduce emissions	Cost of carrying out improvements
29	Improve emissions performance of council fleet	Apply to EST for a Green Fleet Review to develop a carbon reduction programme for the vehicle fleet	part of NI 194	Yes	No	No	No	No	No	Low	Med	High	Low	City Council	Fleet Manager, Climate Change Officer	2008 - 9	Improve perception of the Council as environmentally aware and reduce emissions	None known
30	Improve emissions performance of council fleet	Use of Additives to lower fuel consumption (and therefore emissions) - ChemEcol being trialled at City Council	part of NI 194	Yes	No	No	No	No	No	Low	Medium	High	Low	City Council	City Council	Ongoing	Improve perception of the Council as environmentally aware and reduce emissions	Cost of carrying out improvements
31	Reduce emissions from council fleet	Introduce a digital web-based tracking system for Council vehicles to more effectively monitor and control fuel efficiency	part of NI 194	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Fleet Manager, Climate Change Officer, service provider	2008 - 9	Improve perception of the Council as environmentally aware and reduce emissions	Cost of equipment installation
32	Reduce emissions from council fleet	Conduct a trial use of a) biodiesel in Council refuse collection vehicles and b) electric powered van	part of NI 194	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Fleet Manager, Climate Change Officer, service provider	2008 - 9	Improve perception of the Council as environmentally aware and reduce emissions	None known
33	Improve quality of buses	Extend Quality Bus Partnership - continue with ongoing improvements and widen to include Huntingdon	90% Euro 2 with RPC by January 2009; RPC requirement dropped in negotiations	Yes	Yes	Yes	Yes	Yes	Yes	High	High	Medium	High	Cambridgeshire County Council	CCC - Head of Public Transport	Long term	Decrease in emissions from buses, particularly important in Cambridge City and Huntingdon	Poor service to public if services no longer allowed to use bus station facilities
34	Taxi fleet compliance	Twice-yearly emissions checks made to all taxis operating within LEZ 8 year age limit	Improved euro standard of taxis within the fleets	Yes	Yes, tbc	Yes, tbc	Yes, tbc	Yes, tbc	Yes	Low	Low	High	High	All Councils	Licensing / Taxi fleets	Ongoing	Reduction in vehicle emissions	May be prejudice against smaller fleet operators who cannot afford upgrades

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35	Reduce emissions from taxis	Investigate with partners the ability for City Council & HDC to introduce carbon dioxide vehicle emissions standards in respect of Taxi Licensing Functions.	Yes	Yes	Yes	Yes	Yes	Yes	Low	Low	Med	Low	City Council	Licensing / Taxi fleets	2009 - 10	Improve perception of the Council as environmentally aware and reduce emissions	None known	
36	Reduce emissions from taxis	SCDC: as part of licensing conditions, retrofit taxis to achieve Euro standard (standard and timescale yet to be decided)	tbc	Yes	Yes	Yes	Yes	Yes	Low	Low	Med	Low	SCDC	Licensing / Taxi fleets		Improve perception of the Council as environmentally aware and reduce emissions	None known	
37	Establish Freight Quality Partnership	Set up partnership with freight organisations to encourage better environmental practices	Member commitment by 2009, partnership established by 2012	Yes	Yes	Yes	Yes	Yes	Low	Med	Low	Med	Highways and Acces, Cambridgeshire County Council	Highways Agency Supermarkets Haulage companies	Staff not in place to carry this measure through	Work with freight operators, drivers and distributors to improve emissions from freight transport	None known	
38	Parking Management and Charging	Variable Parking Charges - car parks and residential permits - depending on emissions	City Council Medium Term Objectives	Yes	No	No	No	No	Low	Low	High		City Council	Parking Contractors, NCP	under discussion	Climate change mitigation	Unpopular with some residents	
39	Parking Management and Charging	Introduce car parking charges with reduced season tickets charges for cars with CO2 emissions under 120g/km	Huntingdonshire Car Parking Strategy	No	Yes	Yes	Yes	No	Low	Low	High	High	HDC		Ongoing	Reduction in CO2 emissions	Could increase illegal parking outside designated carparks/unpopular	
40	Encourage uptake of low emission vehicles	Install electric charging points for vehicles in City Council car parks	City Council Medium Term Objectives	Yes	No	No	No	No	High	Low	High	Low	City Council	Parking Contractors, NCP	Parking Contractors, NCP etc	having a good coverage of charge points will make electric vehicles a more attractive and reliable choice	cost of installation of charge points	
41	Road-side testing of exhaust emissions	Spot checks by the roadside (with the aid of police officers) or at car parks. Ensure that pollution from vehicle exhausts is minimised.	N/A	Yes	Yes	Yes	Yes	Yes	Low	Low	High	Low	District Councils	VOSA / Police / Local mechanic / Highways Agency	Ongoing	Raising Awareness Basic safety checks	Cost to the Council	
Lowering Emissions from Buildings - commercial/industrial/public																		
42	Energy Efficiency Audit of Council property	Improved energy management	NI 194	Yes	Yes	Yes	Yes	No	No	Low	Low	High	All councils individually	Property and Building Services/Estates	Ongoing	Lower energy bills Climate change mitigation and improved council environmental profile	Cost to the Council (and ultimately the taxpayer) of improvements, if not offset by energy savings	
43	Improved energy performance of public sector administrative and community buildings	Aim to increase resources for energy management within Council buildings to EST benchmark standards	N/A	Yes	No	No	No	No	Low	Low	High	Low	City Council, Property and Building Services	Property and Building Services/Estates	2008 - 9		None known	
44	Improved energy performance of public sector administrative and community buildings	Undertake energy assessments and introduce Display Energy Certificates at required Council buildings	N/A	Yes	No	No	No	No	Low	Low	High	Low	City Council, Property and Building Services	Property and Building Services/Estates	2008 -9		None known	
45	Improved energy performance of public sector administrative and community buildings	Installation of energy-saving measures, automated energy monitoring systems, energy efficiency measures, where appropriate to do so	City Council Medium Term Objectives, HDC Adopt an energy policy	Yes	Yes	Yes	Yes	No	No	Med	Low	High	All councils individually	Property and Building Services/Estates		Lower energy bills Climate change mitigation and improved council environmental profile	Cost to the Council (and ultimately the taxpayer) of improvements, if not offset by energy savings	
46	Improved energy performance of new build	Requirement for high sustainability standards for new schools and other buildings	City Council Local Plan 3/1	Yes	Yes	Yes	Yes	No	No	Med	Low	High	Med	All councils individually	Development Control	Ongoing	Lower energy bills Climate change mitigation and improved council environmental profile	Cost of new build projects. Cost to the Council: Would require a dedicated EHO to work alongside Planning (which Council?)
Lowering Emissions from Buildings - domestic																		
47	Home Energy Strategy	Objectives and tasks to increase the efficient use of energy in existing homes in Cambridge	HECA/NI 187	Yes	Yes	Yes	Yes	No	No	Low	Low	High	Low	District Councils	Energy Efficiency Officers	City: Ongoing strategy, to be re-written in early 2009. SCDC ongoing, to be reviewed Apr 2009	Lower energy bills Climate change mitigation and improved council environmental profile	None known
48	Affordable Warmth Policy	CITY. Eradication of fuel poverty in vulnerable households where reasonably practicable by 2010 - some specific measures for private and public sector housing Provide free and impartial energy efficiency advice to all local residents. SCDC. Partnership set up with Local health Authorities to look into fuel poverty in the District.	HECA/NI 187	Yes	tbc	tbc	tbc	No	No	Low	Low	High	Low	District Councils	Energy Efficiency Officers	CITY: Targets to be set in December 2008, policy runs 2008 - 2010. Will be integrated into HES. SCDC Ongoing.	Lower energy bills Climate change mitigation and improved council environmental profile	None known
49	Improved energy performance of private sector housing	CITY. Develop partnerships with external organisations to assist with the delivery of affordable warmth in the private sector. Appointment of new Home Energy Officer to help people in private sector housing improve the energy efficiency of their homes (now in post); set up a second Energy Action Zone; offer a free SAP energy inspection and certificate to members of the Landlord Accreditation Scheme; grants to low income and elderly residents. SCDC - Private Sector Housing Strategy. Promotion of low carbon living and provision of grants for cleaner heating systems and energy saving measures.	City Council Medium Term Objectives. NI 185, 186, 187.	Yes	No	No	No	No	Low	Low	High	Low	District Councils	Community Services/Housing Teams, Home Improvement Agency Service	Ongoing	Lower energy bills Climate change mitigation	Cost to the Council	

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50	Improved energy performance of public sector housing	CITY. Improve the energy efficiency of council owned housing stock by continuing to invest via the Decent Homes programme and external funding. Installation of extra loft insulation, cavity wall insulation and heating systems; dry-lining to treat cold and damp rooms; renewing old bathrooms and kitchens and replacing old boilers.	City Council Medium Term Objectives	Yes	No	No	No	No	Low	Low	High	Low	District Councils	Community Services/Housing Teams external funders???	Ongoing	Lower energy bills Climate change mitigation, improves the Councils' environmental image	Cost to the Council. Would require a dedicated EHO to work alongside Planning	
51	Improved energy performance of new build housing	Requirements for 10% or 20% renewable energy source (depending on size), high Sustainable Homes code levels	Local Plan Policy 3/1 (City Council),	Yes	Yes	Yes	Yes	No	No	Med	Low	High	Low	All Councils	Development Control	Lower energy bills Climate change mitigation	Increased cost of new build premises	
52	Improved energy performance of private sector housing	Demonstrate how three properties representative of the housing stock can be upgraded to be more sustainable	Sustainable homes showcase, retrofit	No	Yes	Yes	Yes	No	No	Low	Low	High	L	HDC	HDC Environment Team	Lower energy bills Climate change mitigation	None known	
53	Improved energy performance of new build housing	A development of 2,3 and 4-bed exemplar homes to comply with the code for sustainable development level 5.	Sustainable homes showcase, retrofit	No	Yes	Yes	Yes	No	No	Low	Low	High	L	HDC	HDC Environment Team	Lower energy bills Climate change mitigation	None known	
54	Improved energy performance of new build housing	For major developments, a Sustainability Statement and Health Impact Assessment must be submitted by the developer to demonstrate that the principles of sustainable development have been applied	LDF Policy DP/1 (3.)	No	No	No	No	No	Yes	Low	Low	High	L	SCDC	Development Control	Lower energy bills Climate change mitigation	None known	
Strategic Planning																		
55	Involvement in regional development plans (RSS)	RSS is high level strategy with policies that seek to accommodate rapid growth in the region whilst protecting the environment. East of England Regional Assembly will review RSS to extend timescale to 2031	Policy T1 Regional Transport Strategy has the objectives of ensuring that the East of England benefits from increased mobility and access while minimising the impact on the environment and inhabitants of the region	Yes	Yes	Yes	Yes	Yes	Yes	Low	High	High	High	County Council, Environment and Regulation (County officers input County and District views to EERA)	District Councils	2001 - 2021	Increase in population will increase environmental impact, Transport Strategies to minimise impact on environment have, as an outcome, positive impact on air quality	None known
56	Local Transport Plan	LTP2 includes transport programme of schemes to improve transport facilities, reduce road accident casualties, and provide some additional capacity	Several indicators that impact on air quality are embedded in LTP2	Yes	Yes	Yes	Yes	Yes	Yes	High	High	High	High	County Council	District Councils	2006 - 2011	Air quality becomes of major significance when transport planning is undertaken, potential for funds for air quality improvements	None known
57	Long Term Transport Strategy	LTTS links the LTP2 programme to the Growth Agenda, and sets out overall programme of funding that will be required to deal with the transport demand of new development	N/A	Yes	Yes	Yes	Yes	Yes	Yes	High	High	High	High	County Council	District Councils	2006 - 2021	Air quality becomes of major significance when transport planning is undertaken, potential for funds for air quality improvements	None known
58	Cambridge Local Development Framework	Identify opportunities in the LDF to require new homes to meet the Code for Sustainable Homes Level 3, to increase use of renewable and locally generated energy, minimise traffic generation and promote public transport, cycling and walking	2009 - 10	Yes	No	No	No	No	No	Low	High	High	High	City Council, Policy and Projects	Sarah Cass, P+P, Simon Chubb, Climate Change Officer	2009 -10		None known
59	SCDC Local Development Framework	Opportunities within Policy DP1 to meet the Code for Sustainable Homes Level 3 and increase use of renewable and locally generated energy and Policies TR1, 2, 3 and 4 to minimise traffic generation and promote public transport, cycling and walking.	Ongoing	Yes	No	No	No	No	Yes	Low	High	High	Medium	South Cambridgeshire District Council	Planning Policy Officer	Ongoing		None known
60	Air quality policy in Local Development Documents	Sets out requirements for air quality assessments for planning applications	City: Local Plan section 4/14 Air Quality Management Areas Hunts DC: Scams DC: LDF Policy NE/16	Yes	Yes	Yes	Yes	Yes	Yes	Med	High	High	High	All Councils	Environmental Services Development Control, SCDC - Health and Environmental Services and Planning Policy	Ongoing	Mitigation measures to protect the public and to reduce congestion	None known
61	Sustainable Construction Document	Sets out standards for construction in terms of insulation and lower energy use etc	N/A	Yes	Yes, tbc	Yes, tbc	Yes, tbc	No	No	Low	High	High	High	District Councils	City: Sustainable City and Transport Policy	Jun-07	Climate change mitigation	None known
62	Production of Supplementary Planning Documents & guidance	Sets out requirements for air quality assessments for planning applications	SPD adopted by LPAs and delivery programme established	Yes	Yes, tbc	Yes, tbc	Yes, tbc	Yes, tbc	Yes	Low	High	High	High	District Councils	Environmental Services Development Control	completed August 2008 Cambridge City Council: SCDC and HDC work in progress	Mitigation measures to protect the public and to reduce congestion	None known
63	Production of Supplementary Planning Documents & guidance	Possibility of SPD to set out requirements for RTP	None known	Yes	Yes, tbc	Yes, tbc	Yes, tbc	Yes, tbc	Yes	Low	Low	High	High	County Council	District Councils	2008/9	Decrease number of private vehicle trips, reduction in congestion	None known

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64	Encourage workplace provision of cycle facilities	Cycle Parking standards in Local Plan/LDF	City: Local Plan Policy 8/6	Yes	Yes	Yes	Yes	No	Yes	Low	Low	High	High	District Councils	Sustainable City and Transport Policy	Ongoing	Increase in cycle usage, potential for traffic reduction, health benefits	Possible safety issues
65	Incorporate cycling and walking into Land Use Planning	S106 agreements. Development breifs, Area Transport Plans, Local Transport Plan, Cambridgeshire Structure Plan	City: Local Plan Policy 8/4, 8/5	Yes	Yes	Yes	Yes	No	Yes	Low	Med	High	Low	All Councils	Environmental Services Development Control	Ongoing	Agreements will seek to increase walking and cycling and therefore reduce private vehicle usage, reducing congestion	None known
66	New major developments to produce Travel Plans	Travel for Work, Residential and School Travel Plans produced	100% of consents ensuring delivery of travel plans	Yes	Yes	Yes	Yes	Yes	Yes	Low	Med	High	High	All Councils	CCC - Residential Travel Plan Officer CCC - School Travel Co-ordinator	Ongoing	Protection of health of future occupiers/residents, minimise impact of development on local infrastructure, reduction in congestion	None known
Development Control																		
67	Policies on development affecting an AQMA	New development not permitted to adversely impact AQMA or proposed users	City: Local Plan section 4/14 Air Quality Management Areas Hunts DC: Scams DC:	Yes	Yes	Yes	No	No	Yes	Low	High	High	High	District Councils	Environmental Services Development Control	In place Cambridge City and South Cambridgeshire	Will prevent a worsening of air quality within the AQMA	None known
68	Introduction of Car Clubs	Occasional access to a car without need to own, initiated with S106 funds	City Council Medium Term Objective	Yes	Yes	Yes	Yes	No	Yes	Med	Low	High		District Councils	Environmental Services Development Control	Ongoing	Reduction in number of privately owned vehicles, reduced vehicle running costs for individuals	Reliability of access to a vehicle
69	Residential Travel Plans	Required for all new developments over a certain size	N/A	Yes	Yes, tbc	Yes, tbc	Yes, tbc	No	Yes	Low	Med	High	High	All Councils	CCC - Residential Travel Plan Officer and School Travel Co-ordinator Environmental Services Development Control	Ongoing. New post at County May 2007.	Decrease number of private vehicle trips, thus reducing congestion	None known
70	Car Parking Standards	Maximum levels of car parking permitted for various types of development in different areas of the City. SCDC: To work with Planning Policy and Development Control and the Sustainability Officer to ensure that use of LDF Policy TR2 is maximised for new developments within the District	City: Parking Standards in Local Plan. SCDC LDF Policy TR2	Yes	NA	NA	NA	NA	Yes	Low	High	High	High	District Councils	Development Control	In Place Cambridge City Council and SCDC	Future developments to encourage alternative means of travel	None known
71	Increase walking and cycling trips	Identify, audit, improve existing and planned walking and cycling routes, including crossings, surface condition etc	some targets in LTP	Yes	Yes	Yes	Yes	No	Yes	Low	Low	High	High	All Councils	Development Control	Ongoing	Reduction in congestion Improvement in cardiovascular health Improved access (quality of life) for disabled people	None known
72	Improve cycle parking facilities	Work with Cambridge Cycling Campaign to prepare a new design guide for cycle parking in residential areas	City Council Medium Term Objective	Yes	No	No	No	No	No	Low	Low	High	Med	City Council	Cambridge Cycling Campaign		Increase in bicycle usage	Possible safety issues
73	Cycle Parking Standards	Minimum requirements in terms of cycle parking provision for new developments and change of use. SCDC: To work with Planning Policy, Development Control and the Sustainability Officer to ensure that use of LDF Policy TR2 is maximised for new developments within the District	City: Parking Standards in Local Plan, SCDC LDF Policy TR2	Yes	No	No	No	No	Yes	Low	Low	High	High	District Councils	Sustainability Officer and Development Control	In Place Cambridge City Council, ongoing at SCDC	Future developments to promote cycle usage	None known
Promote Smarter Travel Choices																		
74	Residential Travel Plans	Required for all new developments over 80 dwellings	Increase in number of RTP submitted for consideration	Yes	Yes, tbc	Yes, tbc	Yes, tbc	No	Yes	Low. £30K pa from LTP	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs)	City and District Development Control, developers	Officer now in post, funded from 2007 to April 2010 - possibility of extension if TIF bid successful.	Decrease number of private vehicle trips, reduction in congestion	None known
75	Personalised Travel Plans	PTP Arbury Park (new development) providing personal travel planning and sustainable travel advice to each household	Qualitative change recorded. 100% dwellings targeted	Yes	No	No	No	poss	Yes	Low. £30K pa from LTP	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs)	SCDC, Highways Agency	Implementation July 2008, evaluation September 2008	Decrease number of private vehicle trips, reduction in congestion	None known
76	Travel for School	The primary objectives of the "Travelling to School Initiative" (TTSI) are to improve road safety for children and reduce dependence on the car by promoting walking, cycling and public transport as more responsible, accessible and desirable alternatives for the home to school journey. Includes 'Bikeability' new national standard	NI 198	Yes	Yes	Yes	Yes	Yes	Yes	Low	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs)	Development Control, Safer Routes for School (Office of Children and Young People's Services)	Ongoing	Reduction in congestion during peak hours, health benefits for children and reduction in travel costs for families	Sometimes perceived as dangerous for children and some schools are in locations that will not suit such schemes. Car-share not particularly encouraged for primary school children (Child Car Seat legislation).
77	Travel for Work plans	Required for all non-residential planning applications that require a Transport Assessment.	Target for uptake of travel planning advice and number of plans in place	Yes	Yes, tbc	Yes, tbc	Yes, tbc	No	Yes	Low, £40 - £60K pa from LTP	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs), Matt Staton	City and District Development Control, Adenbrookes, CU, PCT, developers	Ongoing	Decrease number of private vehicle trips, thus reducing congestion and health benefits	None known
78	Travel for Work plans	Membership of Cambridgeshire Travel for Work partnership encouraging existing employees to travel to work in a sustainably	N/A	Yes	Yes, tbc	Yes, tbc	Yes, tbc	No	Yes	Low, £40 - £60K pa from LTP	Low	High	High	All Councils	Transport Officers, local organisations and companies	Ongoing	Decrease number of private vehicle trips, thus reducing congestion and health benefits	None known
79	Encouraging car-sharing	Promotion and information about online car-sharing system - Camshare - for businesses and residents, particularly focussing on rural and congested areas. Also school staff.	Number of sign-ups and matches made	Yes	Yes	Yes	Yes	Yes	Yes	Low, £12K pa from LTP	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs)	TW partnership, residents	June 2008 onwards	Reduction in congestion, improved community spirit	None known

Air Quality Action Plan Measures in Progress, under consideration and/or development																		
Action	Description	Target/ Indicator/Policy/ Plan	City AQMA	Huntingdon AQMA	St Neots AQMA	Brampton AQMA	A14 Hemingford to Fenstanton AQMA	A14 Bar Hill to Milton AQMA	COSTS L (<£100K), M (£100K - £1M), H (>£1M)	Impact on air quality L/M/H	Feasibility L/M/H	AQAP Priority L/M/H	Lead Council	Partners/Contacts	Timescale	Wider impacts - climate change / economic / social benefits	Wider impacts - climate change / economic / social disadvantages	
80	Encourage bus use	Take the Bus project - promotion of the bus as an alternative to the car and provision of incentives to encourage bus travel, Taster Day and Radio Campaign	N1177	Yes	Yes	Yes	Yes	Yes	Yes	Low, £8K pa from LTP	Low	High	High	Cambridgeshire County Council	Office of Environment And Community Services (Oecs), Highways and Access, Passenger Transport	from April 2008	Reduction in congestion	None known
81	Encourage cycle use	Adult Cycle Training	Increased take up of training	Yes	Yes	Yes	Yes	No	No	Low, £5-6K	Low	High	High	Cambridgeshire County Council, Office of Environment And Community Services (Oecs)	Cycling Education Officers, Road Safety, Highways and Access, City Transport Policy Officers	2008/9	Increase in cycling, potential for traffic reduction, health benefits	None known
82	Encourage cycle use	PushChair Scheme - cycle into town, park your bike and borrow a pushchair for free from Park Street Cycle Park and now extended to Grand Arcade	N/A	Yes	No	No	No	No	No	Low	Low	High	in place	City Council	Parking Services, Station Cycles, John Lewis	Ongoing	Increase in cycling, potential for traffic reduction, health benefits	None known
83	Publicise walking routes	County target based upon number of promotional campaigns each LA takes part in per year to be implemented?		Yes	No	No	No	No	Yes	Low	?	High	High	All Councils	Smarter Travel officers, Cycling and Walking Officers, Air Quality Officers	Autumn 2008	Increase in walking, potential for traffic reduction, health benefits	None known
84	Publicise walking routes	Cambridge Street Signage Project. Maps to enable the user to easily read where they are and where destinations are located, provide clear and legible connections through the city provide clear, attractive mapping which encourages self exploration	County target based upon number of promotional campaigns each LA takes part in per year to be implemented	Yes	No	No	No	No	Yes	Low	Low	High	High	Cambridgeshire County Council and Cambridge City Council	Smarter Travel officers, Cycling and Walking Officers, Air Quality Officers	Ongoing	Increase in walking, potential for traffic reduction, health benefits	
85	Publicise walking routes	Walk-it, online route planner for walking routes around Cambridge, information on journey time, calories used and carbon dioxide emissions saved. Low pollution routes can be selected.	Number of queries	Yes	No	No	No	No	No	Low	Low	High	Med	Cambridgeshire County Council and Cambridge City Council	Walk-It, Smarter Travel officers, Cycling and Walking Officers, Air Quality Officers	Ongoing	Increase in walking, potential for traffic reduction, health benefits	Need access to computer.
86	Publicise existing and new cycle and highway schemes	Online interactive maps on website	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Low	Low	High	High	District Councils	Sustainable City and Transport Policy	Ongoing	Increase in cycle usage and walking, potential for traffic reduction, health benefits	Possible safety issues
87	Promotional campaigns on Health Benefits of cycling and walking	Carried out through School Travel Plans	N/A	Yes	Yes	Yes	Yes	No	Yes	Low	Low	High	High	All Councils	David Bethall, Matt Staton	Ongoing	Increase in cycle usage and walking, potential for traffic reduction, health benefits	Possible safety issues
88	Encourage occasional/casual cycling	Consider Community Bike Hire Scheme	City Council Medium Term Objective	Yes	No	No	No	No	Yes	Low	Low	High	High	City Council	Sustainable City and Transport Policy	To be decided	Reduction in congestion, improvement in cardiovascular health and is an energy efficient mode of transport reducing travel costs to commuter	Lack of cycling routes and concerns over personal safety
89	Encourage better bus provision	Encourage bus companies to provide better bus services into Cambridge on Sunday	City Council Medium Term Objective	Yes	No	No	No	No	Yes	Low	Low	High	Low	City Council	County Council	Ongoing	Reduction in congestion on Sundays, climate change mitigation	Increased car parking costs in Cambridge on Sunday (currently cheaper)
90	Discourage car purchase	Extend Car Club scheme and introduce low carbon vehicles	City Council Medium Term Objective	Yes	No	No	No	No	Yes	Low	Low	High	High	City Council	Street Car	Ongoing expansion of scheme to meet demand	Reduction in congestion, climate change mitigation and health benefits	None known
91	Publicise sustainable travel	Promote EST's free Green fleet advice service, County Council travel plans and cycling facilities	N/A	Yes	No	No	No	No	Yes	Low	Low	High	High	City Council	Sustainable City	2008 - 9	Reduction in congestion, climate change mitigation and health benefits	None known
92	Annual Bike Week	Activities to raise awareness of cycling benefits	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Low	Low	High	Low	District Councils	Sustainable City and Transport Policy	Ongoing	Increase in cycle usage, potential for traffic reduction, health benefits	Possible safety issues
Raising awareness																		
93	Development of Climate Change Strategy	County: Climate Change and Environment Strategy adopted July 2008. City: Climate Change Officer in Place, Climate Change Charter launched October 2007. SCDC: Climate Change Officer in place, Climate Plan published in 2005 - currently under revision.	N/A	Yes	No	No	No	No	Yes	Med	Low	High	Med	All Councils	All Departments	Officer in place. Ongoing strategy	Lower household and business premises energy bills. Climate change has higher political profile than air quality but actions are mostly win-win.	None known
94	Annual Green Team Week	Annual Green Team Week	N/A	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Sustainable City and Transport Policy	Ongoing	Climate change mitigation, health benefits, awareness of environmental issues, positive behaviour encouragement	None known
95	Switch Off week	Switch Off week	N/A	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Sustainable City and Transport Policy	Ongoing	Climate change mitigation, health benefits, awareness of environmental issues, positive behaviour encouragement	None known
96	Environment Festival	Environment Festival	N/A	Yes	No	No	No	No	No	Low	Low	High	Low	City Council	Sustainable City and Transport Policy	Ongoing	Climate change mitigation, health benefits, awareness of environmental issues, positive behaviour encouragement	None known

Risk to delivery
None known - busway already under construction
Loss at a public appeal
Loss at a public appeal
Loss at a public appeal
TIF-dependent in part
TIF-dependent in part
Political challenge, consensus amongst stakeholders
Match-funding (50%) not available
None known - Project underway. Future improvements are TIF-dependent
May require CPO
None Known
None Known
Supply of new buses
Supply of new buses
partly TIF-dependent
Substantial increase in number of buses will require increase in depot size for main service provider (Stagecoach). Also partly TIF-dependent
TIF-dependent
Decision on Sunday operation deferred by County Members, unwilling to increase Sunday operations until Sunday car parking charges rise to incentivise use
Political challenge, consensus amongst stakeholders. TIF-dependent
Funding pressure, some services planned to lose subsidy in 2008.

Risk to delivery
Major roll out of equipment and upgrades dependent on TIF resource , may be some other sources of income to pay for this. Funding for ongoing maintenance may be an issue
Major roll out of equipment and upgrades dependent on TIF resource , may be some other sources of income to pay for this. Funding for ongoing maintenance may be an issue
Political, both local and national. Opposition by the local public. Completely TIF-dependent
Staff not in place to carry this measure through
Not popular with the public
None Known
None Known
None known
Economics/political SCDC No one person responsible for NI194. Nothing in service plan or climate change plan. Each service manager responsible for own fleet.
Economics/political
Economics/political
No penalty available to encourage operators to sign up
Obtaining agreement with taxi operators

Risk to delivery
Staffing issues
Political
Political
Poor infrastructure to enable checks to be carried out safely (Cambridge)
No funding available for extra post

Risk to delivery
No funding available for extra post
Air quality not being considered at regional level. Strategies not being carried through with sufficient impact at local level, extra posts may be required increasing cost to the Council but funding for such post might not be granted.
Funding not available for projects
Increase in workload for officers to carry through, possibly requiring additional post
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Risk to delivery
Political pressure, fear of overspill parking from new developments
No officers at South Cambs and Hunts DC
City and District Council not requesting RTPs and/or not being able to secure them through S106 agreements
Lack of engagement by residents
Loss of funding from other partners
Loss of funding from other partners
Low sign up rate when promotion ends

