

Appendix 3 - EMAS Action Programme 2009-10

ID No	Project Title	Description	Status	Current Progress Update
1	Programme of surveying and investment in buildings to reduce energy consumption	A planned programme of survey and investment in all LCC buildings to reduce energy consumption and assess the potential for the adoption of Renewable Energy technologies. Detailed energy and water surveys will be conducted to identify potential savings across the LCC estate starting with the most energy intensive buildings in Phase 1. Funding opportunities will be identified to deliver these improvements including the LAEF Scheme, capital budgets, prudential borrowing etc. The data collected during the surveys could be used to benchmark each building against good practice.	Green	Survey and report completed for the first tranche of buildings which are the Leisure centres. Programme put in place to reduce CO2 by 26% over the next two years, by implementing the recommended energy efficiency improvement work and training. A further 12% could be saved at Leisure Centres when planned maintenance or improvement work is done. The opportunity to do much of this work is likely to arise within the period to 2026.
2	Energy Project Officer	Appointment of a Project Officer to work on energy and water efficiency within LCC buildings. This post will work with building managers, facilities managers and building tenants to reduce energy and water use through behavioural change, awareness raising, technological innovation and signposting to funding opportunities and working within the context of the LCC Environment Network.	New	Postholder left, now re-appointing to post. Person appointed and will be starting in the autumn 2009.
3	Intelligent Metering Reports - LCC Buildings	Monitoring of LCC buildings energy consumption using the Intelligent Metering system. Reporting unusual energy patterns to building managers and tenants by exception.	Green	Business as Usual
4	Display Energy Certificates and Energy Performance Certificates	All LCC public buildings with a floor area over 1000m2 must have a Display Energy Certificate to comply with legislation from Oct 2008. (Estimated to be around 200 buildings including schools) All LCC buildings over 2500m2 will be required to display an Energy Performance Certificate from 1st July 2008 when built, sold or rented.	New	Work in progress, buildings should be completed this autumn.
5	Dimming Projects in 2008	Victoria Park, Methodist Church and Town Hall, Clock Tower	Completed	Project completed
6	Watt Savers - Phase 2	Programme to install 2000 'Watt Savers' in lamps across the city. £164,000 secured through the 'Spend to Save' scheme to finance the purchase of equipment - savings of £65k per year in energy cost. In addition RIEP funding of £18000 has added to this programme.	Green	Update to follow.
7	Spend to Save proposals for 2010	Festive lights, maintenance lantern change, and bollard change.	New	Update to follow.
8	Watt Savers - Further expansion	Investigation of the expansion of energy efficient 'Watt Savers'. Over 34,000 street lights across Leicester, estimated that between 10,000 -20,000 lights could achieve energy savings using the 'Watt Saver'. Also include maintenance lantern change, bollard lighting, sign lighting and bollard change.	New	Update to follow.
9	Architectural Lighting Efficiency	Programme to replace all architectural lighting across the city with more energy efficient equivalents and investigate the opportunities for dimming and/or switching off between 11.00pm and 6.00am to cut energy use and CO2 emissions	New	Update to follow.
10	LED Traffic Signals	Programme to replace Traffic Signals with LED lighting.	New	Update to follow.

EMAS Action Programme 2009-10

11	Programme of surveying and investment in buildings to reduce water consumption	A planned programme of survey and investment in all LCC buildings to reduce water consumption and assess the potential for the adoption water conservation technologies Detailed energy and water surveys will be conducted to identify potential savings across the LCC estate, starting with the most energy intensive buildings in Phase 1. Funding opportunities will be identified to deliver these improvements including the LAEF Scheme, capital budgets, prudential borrowing etc. The data collected during the surveys could be used to benchmark each building against good practice.	Green	Survey and report completed for the first tranche of buildings which are the Leisure centres.
12	Intelligent Metering Reports - LCC Buildings	Monitoring of LCC buildings water consumption using the Intelligent Metering system. Reporting unusual water use patterns to building managers and tenants by exception to reduce use.	Green	Business as Usual
13	Water Efficiency Project (LCC Buildings)	Water efficiency project in LCC buildings. Following the success of the schools pilot, SevernTrent (ST) working with LCC are to install water efficiency technologies in up to 20 buildings. These buildings will be surveyed, a list of water saving interventions developed, these are then approved and installed by approved supplier funded by ST	Completed	Completed
14	Greywater and Solar Thermal Schemes	Investigate options to return the existing 7 LCC greywater schemes to full operation. Option to explore the potential to include greywater and solar thermal schemes in the Sustainable Construction Standard for new or refurbished LCC buildings	Red	No progress to report
15	Sustainable Construction Standard	To adopt a Sustainable Construction Standard for LCC new build and major refurbishments that specifies BREEAM "excellent" for new build and "very good" for major refurbishments.	Green	Policy paper written and agreed by Cabinet Lead. Expected to go to Cabinet before the end of December 2009.
16	Sustainability of Major Projects	Develop instructions to be included in the LCC Major Project guidelines and training to ensure that all Project Managers, who commission new LCC buildings, major refurbishments or moves, consider energy and water assessments as part of the Whole Life Assessment of the project.	Superseded	This project has been superseded by Project 15 (Sept 2009) because Whole Life Costing will be developed as standard for use as a BREEAM credit.
17	Energy Efficient Electrical Equipment	Sustainable Procurement officer to work with ITC and ESPO to develop guidelines to ensure that all new or replacement electrical equipment is the most energy efficient available within budget constraints. Work with Energy services to disseminate this information.	New	Update to follow.
18	Corporate Waste Audit	Audit council waste to: set reduction targets for waste streams and, in addition to the corporate office waste recycling scheme below, introduce appropriate reduce, reuse, recycle projects.	Green	An officer has been recruited who is currently investigating the council's office waste stream. Initial discussions have taken place with depots. A recycling scheme for toner cartridges is being investigated.
19	Corporate Office Waste Recycling Scheme	Expand the office waste recycling scheme to all Council offices.	New	Update to follow.
20	Grey Fleet Project	Package of measures to reduce the costs and carbon emissions of 'grey fleet' business travel by staff including: review of essential user status, allowances and parking and introduction of Carbon Profiles at a divisional level.	Green	Review of Essential Car Users and free parking spaces underway, along with best practice research. Carbon Profiling sessions currently being piloted in autumn 2009 prior to full roll-out early in 2010.
21	Carbon Neutral Council	Report on policy options for the Council on becoming Carbon Neutral including an assessment of 'off-setting'	Green	Update to follow.

EMAS Action Programme 2009-10

22	Intelligent Metering (Energy)	All Council buildings to have intelligent metering facilities installed.	Green	Over 320 LCC buildings now have intelligent metering installed. This accounts for over 80% of LCC buildings and those remaining have energy bills below the threshold of £1000 to make installation of this equipment cost effective. Should this situation change, due to increases in energy prices, the installation of intelligent metering equipment will be considered for the remaining building stock.
23	Green Energy Tariff	Assess costs of securing increased level of energy from renewable sources as part of the energy contract	Red	Now buying parcels of energy at cheapest price, so there is currently no renewable sources as part of this procurement process.
24	Major Renewable Energy Projects	Undertake major renewable energy projects every year until 2020. The loan scheme should ensure that there can be an active programme of these.	Red	The Schools capital programme is installing a number of renewable energy projects. There have been no major renewables installed on LCC's operational buildings.
25	Inventory of LCC Renewables	Complete inventory of on-site generation of renewable electricity. Calculate contribution towards target 1.2	Amber	Ongoing
26	Benchmarking Renewable Energy	Benchmark target progress with other authorities	Amber	Outstanding
27	Central Vehicle Pool Replacement Programme	Replacement of fleet with newer, more efficient vehicles (rolling programme) to the latest standards. Monitoring of alternative fuels and vehicle technologies and piloting or wider introduction through the replacement programme where appropriate.	Green	100 vehicles are being replaced in the 2008/09 round of the Central Vehicle Pool Replacement Programme, at a cost of around £1,797,500. Subject to tenders received, it is hoped that two of these will be electric vehicles. The 2009/10 round of the programme is expected to include 103 vehicles at a cost of around £2,028,400. Subject to tenders, one further electric vehicle may be included.
28	Greener, Safer Driver Training Programme	Development and roll-out of a training programme for all staff who drive on Council business, aimed at improving safety and fuel efficiency.	New	A proposal to train 2000 staff over three years at a cost of £67,000 has been approved by the Carbon Reduction Priority Board and will go forward into the project commissioning process in late summer / autumn 2009. If funding is allocated to it, delivery could begin from the start of 2010/11.
29	Intelligent Metering Reports - Schools	Monitoring of LCC schools energy consumption using the Intelligent Metering system. Unusual energy patterns are reported to building managers and bursars by exception and the information forwarded to the EMAS in Schools team at Groundwork.	New	Update to follow.
30	Schools Carbon Emissions Reduction Officer	Proposal to appoint a Project Officer to work on energy and water efficiency within Leicester schools. This post will work with building managers, caretakers and bursars to reduce energy and water use through behavioural change, awareness raising and sign posting to funding opportunities.	New	Update to follow.
31	Energy Efficiency Quick Wins in Schools	Pilot project to install energy efficiency equipment into schools. This involves conducting an energy audit, identifying the most cost effective energy efficient interventions and identifying funding opportunities. Once installed, a report will be written to describe the success of energy saving measures. A follow up report next summer will identify the full annual cost savings.	New	Update to follow.

EMAS Action Programme 2009-10

32	Energy Efficiency Quick Wins in Schools Extension	Extension of the pilot project described in 2.4 to include all schools starting with the remaining 15 identified in the pilot project.	New	Update to follow.
33	Costs of Developing Zero Carbon Schools Study	Commissioning of a report to outline the costs of developing Zero Carbon Schools. The report will outline costs for achieving 60% and 100% on site renewables both for new primary and secondary schools and for refurbishments and/or extensions to primary and secondary schools.	New	Update to follow.
34	BSF Phase 1 - Beaumont Leys School	Achieve BREEAM Excellent	Green	Update to follow.
35	BSF Phase 1 - Fullhurst Community College	Achieve BREEAM Very Good (refurbishment)	Green	Update to follow.
36	BSF Phase 1 - Judgemeanow Community College	Achieve BREEAM Excellent	Green	Update to follow.
37	BSF Phase 1 - Soar Valley College	Achieve BREEAM Excellent	Green	Update to follow.
38	Taylor Road Primary School	Achieve BREEAM Very Good minimum	Green	Update to follow.
39	Renewable Energy Generation in BSF Schools	Installation of a range of renewable energy in BSF schools.	Green	Update to follow.
40	Renewable Energy Generation Through the Primary School Capital Programme	Installation of a range of renewable energy in primary schools.	Green	Update to follow.
41	Renewable Energy Generation in Primary Schools through the Modernisation funding	Installation of a range of renewable energy in primary schools.	Green	Update to follow.
42	EMAS in Schools - Energy Saving	Supporting behavioural change to reduce energy consumption within schools, coupled with monitoring and evaluation of CO2 emissions through Intelligent Metering data.	New	Update to follow.
43	Installation of a Range of Renewable Energy in Schools		New	Update to follow.
44	Intelligent Metering Reports - Schools	Monitoring of schools' water consumption using the Intelligent Metering system. Reporting unusual water use patterns to building managers and bursars by exception and the information passed to the EMAS in schools team at Groundwork.	New	Update to follow.
45	Water Efficiency Project (Schools)	Water efficiency project in Schools. Working with SevernTrent (ST) to install water efficiency technologies in all Leicester schools. The schools are surveyed, a list of water saving interventions developed, these are then approved and installed by approved supplier funded by ST	New	Update to follow.
46	EMAS in Schools - Water Saving	Supporting behavioural change to reduce water consumption within schools, coupled with monitoring and evaluation of CO2 emissions through Intelligent Metering data.	New	Update to follow.
47	Provision of Data on Renewable Energy Generation in Schools		Red	Update to follow.
48	Renewable Energy Supply Contract for Schools	Groundwork will work with schools to set up renewable energy supply contracts	Red	Update to follow.

EMAS Action Programme 2009-10

49	Ashton Green	Ensure the development of Ashton Green meets highest possible housing standard for low carbon development. One Leicester - All new development Zero Carbon by 2013. National target Zero Carbon by 2016.	Green	A draft Masterplan for the site is nearing completion, which will set out proposed housing layouts, densities and mix along with proposals for the most appropriate low carbon energy solutions. Those being assessed for their feasibility and appropriateness include district heating and building-integral solutions along with a number of others. The draft Masterplan will be published in late 2009 for consultation, leading to the submission of a Planning Application early in 2010.
50	Housing Association Developments	Ensure Housing Association development meets highest possible housing standard for low carbon development. One Leicester – All new development Zero Carbon by 2013. National target Zero Carbon by 2016.	Green	This is ongoing as part of the Better Buildings Project and the application of planning policy.
51	Private Housing Developments	Encourage private housing development to meet highest possible standard for low carbon development. One Leicester – All new development Zero Carbon by 2013. National target Zero Carbon by 2016.	Green	This is ongoing as part of the Better Buildings Project and the application of planning policy.
52	Local Development Framework (LDF) - Core Strategy	Reducing Leicester's carbon footprint and use of resources, improvement of the local environment and minimising the impacts of unavoidable climate change - through inclusion of appropriate land use planning policies in the Core Strategy.	Green	Informal public consultation on an emerging preferred strategy took place in 2008 and a draft Core Strategy will be published for public consultation between 18th September and 30th October 2009, before its submission to the Secretary of State and Examination in Public. Adoption of the Core Strategy is expected by 2011. The Strategy will include a requirement for progressively higher standards to be achieved in low carbon development, reflecting those in the Code for Sustainable Homes.
53	Climate Change Supplementary Planning Document (LDF)	Development of an SPD on Climate Change and Sustainable Development to support implementation of relevant Core Strategy policies on climate change mitigation and adaptation relating to buildings, travel and other aspects of land use.	Amber	Work on this project has been delayed while recruitment of a new Climate Change Officer has taken place. With the officer now in post, a revised timetable will be set.
54	Large Scale Wind Projects	The development of large scale Wind Turbines within the city	New	Report being prepared for Cabinet autumn 2009.
55	Medium Scale Wind Projects	Support the development of medium scale wind turbines to meet new and existing housing demand.	Proposed	No resource to do this at current time
58	Growth Point Domestic Solar	Electricity and hot water.	Green	40+ houses have been completed by September 2009.
59	RSL and Council Housing Domestic Solar	Electricity and hot water.	Proposed	Project not yet programmed.
60	Heat Pumps	Promote the installation of Ground Source / Air Source Heat Pumps.	Proposed	Project not yet programmed.
61	Energy from Biomass and Waste	Investigate opportunities to provide energy from Biomass and or Waste products.	Proposed	Project not yet programmed.
64	Central Leicester: Extending District Heating	Project 1 is to link together the current district heating networks: St Marks, St Matthews, St Peters and St Andrews. Phase 1 involves the appointment of a Project Manager and the identification of a provider to deliver the scheme. Project 2 is to extend the network round the inner ring road to the west of the city and to the east of the city centre	Green	Expressions of interest have been invited from potential suppliers and evaluation of completed Pre Qualification Questionnaires is currently taking place (September 09). It is expected that by June 2010 a provider will have been appointed and will be in a position to start.

EMAS Action Programme 2009-10

65	Ashton Green District Heating	Investigate appropriateness and feasibility of a district heating scheme for the Ashton Green development, with a view to its inclusion in the Masterplan for the site.	Superseded	Refer to action 49: Ashton Green, which includes this action in it.
66	Abbey Meadows and Waterside CHP	Feasibility study on the development of Abbey Meadows and Waterside District Heating schemes	Green	Funding has been allocated from the New Growth Points initiative to pay for this feasibility study. A programme for the work will be developed, working to a completion date of spring 2010. The aim will be to find low/zero carbon energy solutions for these sites, taking account of the standards set by the Code for Sustainable Homes.
67	Scope for District Heating City Extension	Identify other parts of the city suitable for an extension to the district heating	Proposed	This project relates to opportunities that might arise through the planning process. It is therefore dependent on proposals that come in.
68	Domestic Energy Consumption Model	Develop model for domestic energy consumption in Leicester to inform work programme.	Completed	Complete
69	Hot Lofts	Hot loft Insulation Scheme for private loft and cavity walls (Housing Capital Programme) 5000 homes to be insulated	Green	All money has been spent for 2009/10 financial year. ??? Properties have been insulated.
70	Hot Loft (Extension)	Hot loft Insulation Scheme for private loft and cavity walls (Housing Capital Programme) 1,350 additional homes to be insulated from growth point funding.	New	Update to follow.
71	Programme of Energy Advice and Funding for Private Householders	Comprehensive programme providing tailored energy advice, home visits and explanation of funding available for private householders to make their homes more energy efficient and cut energy costs. This includes Energy Sense, Warm Front, Housing Investment Programme for private homes (Decent homes Standard) Leicester Loan, Health Through Warmth and other schemes.	Green	Update to follow.
72	Housing Capital Programme - Council Stock	A programme of improvement across LCC's social housing stock. This includes upgrading central heating systems, boiler replacements, increasing insulation levels, installing double-glazing. These interventions cut energy costs and reduce CO2 emissions	Green	Update to follow.
73	Solid Wall Insulation Scheme	For LCC, RSL and private homes.	Proposed	Project not yet programmed.
74	Smart Meters	Installation programme for LCC, RSL and private homes.	Proposed	Project not yet programmed.
75	Energy Certificates - Rented Sector	Ensure compliance with Energy Performance Certificates (EPCs) and Display Energy Certificates (DECs) in the social and private rented sector.	Completed	Completed
77	Green Doctor		Green	300 homes being visited as part of Hot Lofts programme.
78	Eco House - Climate Change Hub	Eco House to become a Climate Change Hub.	Proposed	Project not yet programmed.

79	Core Strategy (LDF) - Travel Policies	Development of policies in the Local Development Framework Core Strategy to reduce the need to travel and ensure access to facilities by sustainable modes.	Green	Informal public consultation on an emerging preferred strategy took place in 2008 and a draft Core Strategy will be published for public consultation between 18th September and 30th October 2009, before its submission to the Secretary of State and Examination in Public. Adoption of the Core Strategy is expected by 2011. Policy 14 in the draft Strategy relates to reducing the need to travel, whilst Policy 15 covers access to developments by a range of travel modes. A Supplementary Planning Document (SPD) will be developed on Parking Standards and Travel Plans.
81	Local Food	The setting up of local food selling points within schools to reduce food miles.	Proposed	The pilot project was very successful and a roll out across the city is planned. However this work would need commissioning through the Environment Partnership Board, perhaps in partnership with the PCT. We would still like to develop the project as it provides significant CO2 reduction as well as meeting many of the Health issues we are trying to tackle in the city.
82	Quality Bus Corridors (LTP)	Humberstone Road, A426/Aylestone Road, A50 Groby Road and Mansfield Street (City Centre Development Project).	Green	The construction of Phase One of the A47(E) Quality Bus Corridor is in progress and well on target to be completed by March 2010. The detailed design and construction phase for the Groby Road corridor is being developed.
83	Park and Ride Services (LTP)	Leicester (Enderby) Park & Ride.	Green	The main scheme for 09/10 is the introduction of the Enderby Park and Ride service - supported by St Nicholas Place Bus Stops Scheme complete by November 2009.
84	Public Transport Interchanges (LTP)	Programme including new bus stops, shelters and improvements to St Margaret's Bus Station.	Green	Improvements to St Margaret's Bus Station including new toilets and a travel shop are complete. In addition, the City Centre Development Project included new bus stops outside the Highcross Shopping Centre.
85	Bus Improvements (LTP)	Including Star Trak improvements, level access bus stops.	Green	The number of Star Trak signs at bus stops was increased from 280 to 365 between April 2006 and April 2008, increasing the reliability of real time information at bus stops. Roll-out of level access bus stops (covered 72% of stops at end of 2008/09, compared to target of 70%) has been concentrated on the radial routes into the city and priority areas such as Beaumont Leys and North Braunstone.
86	Walking & Cycling (LTP)	Capital measures including: pelican and zebra crossings, Green Ringway and other cycle route improvements, additional Bike Park and cycle parking.	Green	The City Centre Development Project has created a large, high quality pedestrianised area which is also accessible for cyclists, with increased levels of cycle parking available. In addition, junction improvements such as at Saffron Lane/Pork Pie Roundabout have improved facilities for pedestrians and cyclists, and cycle route infrastructure improvement schemes are ongoing.

87	Bike Park - Town Hall	Expansion of the Bike Park from 50 to 200 parking spaces.	Proposed	The Bike Park has been under direct management by GWLL since June 2009. There are plans to refurbish the project and increase user numbers. Funding may be available through the LTP, but is subject to Groundwork finding match funding - which is currently being sought.
88	Bike Park - Highcross	Development of a new Bike Park in the Highcross shopping centre.	Proposed	Highcross Bike Park submission has not been successful at this stage, therefore there are no outputs. The submission needs to be reviewed by partners and a decision taken whether we look for further funding.
89	Pedestrian and Cycle Training (LTP)	Programme of training in schools and other settings.	Amber	Cycle training in schools is on track to meet the LTP target of 60% Year 5 and 6 children being trained by 2010/11. However, pedestrian training is not on track. We have recruited two Road Safety Education officers to assist with the delivery of pedestrian and cyclist training. They are targeting schools at the beginning of the new academic year. We are also planning to relaunch the Junior Road Safety Officer scheme.
90	Bikes 4 All	Expansion of bike recycling and bike courier service, and introduction of a pedicab service.	Proposed	Funding not yet secured for this proposed expansion of the service.
91	Safer Routes to School (LTP)	Capital funding for measures, including those identified in School Travel Plans.	Green	Update to follow.
92	School Travel Plans (LTP)	Support service for Schools' development and implementation of Travel Plans.	Amber	Update to follow.
93	Travel Plans (LTP)	Support, approvals and monitoring for employers' Travel Plans - voluntary and via Planning Conditions. Some capital to fund approved measures.	Green	We are on track to achieve the LTP target for 50% of the workforce in the Central Transport Zone to be covered by a Travel Plan by the end of 2010/11. Substantial progress has been made on Travel Plan measures with the two Universities, Highcross, the three Hospitals and the PCT's in the city. There will be a push to promote voluntary Travel Plans in September this year, with proposed seminars and event days to increase organizations with them in the Central Transport Zone and beyond
94	Leicester University Travel Plan	A package of measures to support the uptake of alternative travel modes.	Green	A Travel Plan Officer has been recruited and a travel survey is about to be undertaken (autumn 2009). The University is on schedule to have its Travel Plan approved by August 2010.
95	Leicester City Council Internal Travel Plan	Package of measures including (subject to funding and approval): staff travel survey, 'salary sacrifice' schemes for bike purchase and bus season tickets, pedestrian travel support website and other measures to be developed.	Green	Staff travel survey undertaken in November 2008 and key results now available. 'Breathing Space' internal travel campaign in June 2009 raised the profile of the Plan and the accompanying 'Lifestyle' pages on Insite. Salary sacrifice scheme for bus season tickets launched in July 2009. Salary sacrifice for bike purchase delayed slightly from expected September start.

EMAS Action Programme 2009-10

96	Showing of "Crude Awakening" - Phoenix Cinema		Completed	This film about the implications of reaching 'peak oil' was shown to audiences totalling over 200 people from the Council and partner organisations on 11th and 25th September 2008.
97	Transition Leicester Training Event	Leicester Partnership support for a training event organised by Transition Leicester.	Completed	The event took place on 9th September 2008. Participants received information about One Leicester and the work of Leicester Partnership's Environmental Sustainability Team.
98	Energy efficiency with Kafila Al Ard	Organisation and hosting of a conference for local community representatives about Islam and the environment.	Completed	The conference, entitled "Q67.15" (refers to a section of the Quran which talks about the environment) took place on 6th August 2009 and attracted 80 attendees.
100	Market creation - Electric Vehicles	A promotional event in the Highcross shopping centre to raise awareness of electric vehicles and gauge current public attitudes.	Completed	An exhibition of electric vehicles was held on 30th October 2008, showcasing electric cars, vans and bikes. 58 people completed a questionnaire, of whom 47 said they would consider buying an electric vehicle.
102	Carbon Reduction Commitments and Intelligent metering	Presentation by Head of Environmental Sustainability to an international conference in London.	Completed	Conference held in April 2009.
103	Greening the Laughs	Engaging with Comedy Festival venues to promote their involvement in reducing Leicester's carbon footprint and other environmental measures.	Green	10 festival venues were given an environmental assessment in 2008 and Bowie's bar at The Belmont won the 2008/09 Green Room Award. The project continues for the 2009 festival.
104	Adaptation 2009	Organisation and hosting of a one day regional conference on adapting to the effects of climate change.	Completed	The conference took place on 29th January 2009. It was supported by GOEM and attracted 180 delegates. The Council's work on climate change adaptation was showcased as part of the event.
105	Clean Tech Hub		Superseded	Funding not secured for this project.
106	Intelligent Metering (AIM for SMEs)	The Environmental Sustainability Team is supporting this EU funded project led by the Energy Team to encourage SMEs to have intelligent metering equipment installed.	Green	Update to follow.
107	Low Carbon Energy	Assistance for a local company to introduce wood pellet fuelled heating equipment.	Green	The project is advancing and the company has secured grant funding to cover some of the costs of the equipment.
108	Air Quality Action Plan	A package of measures, many drawn from the Local Transport Plan, to reduce pollution and improve air quality - particularly in respect of nitrogen dioxide (NO2).	Red	Progress in delivering the Air Quality Action Plan has not been completely satisfactory, as reported in the 2008 EMAS report.
109	Integrated 'Low Emissions' Approach	Integrated approach to developing, delivering and monitoring actions to tackle climate change and improve air quality.	Amber	Whilst the integration of climate change and air quality work was approved by the Climate Change Board in June 2008, further work remains to fully embed it as an approach. In the area of transport, an officer working group has been agreed to look at the air quality and climate change implications of options for LTP3, and a similar approach is developing to look at low emissions options for the Council vehicle fleet. However, there is not yet a systematic approach to considering air quality implications of proposals developed for reducing carbon dioxide emissions.

EMAS Action Programme 2009-10

110	Review of Air Quality Action Plan	Carry out a review of the current Air Quality Action Plan to identify further steps to meet EU limit values for key pollutants. Use the review recommendations to inform the development of a new Air Quality Action Plan forming part of the next Central Leicestershire Local Transport Plan.	Green	The Transport Research Laboratory (TRL) undertook a review of the current Air Quality Action Plan at the end of 2008/09. Their report will include an assessment of a wide range of options for future air quality improvement. This will be used to inform the development of LTP3.
111	Riverside Management Plan	Development of a Management Plan for the Riverside.	Amber	The timetable for this work has slipped further during the year; due in part to reduced staff capacity in the Riverside Team. However, work is underway on an overview document for the whole of the riverside and is planned to be completed in draft by December 2009. The overview document will identify the key issues and priorities for the riverside as a whole. A series of more detailed site or issue-specific plans will then be developed during 2010.
112	Wild About Leicester	Wild About Leicester is the City's Biodiversity Action Plan (BAP). The Plan sets out 11 key actions to be delivered in partnership with Groundwork Leicester and Leicestershire.	Amber	In 2008 we reported that 8 out of the 11 actions were complete. The position in September 2009 is that one of the three outstanding actions: establishing annual public surveys of popular species and habitats, has been completed during the year - with the introduction of a Garden Wildlife Survey as a joint initiative between Groundwork and the Council. The two remaining actions: improving all Council owned Local Wildlife Sites to favourable condition and making all data on Leicester's biodiversity available on the internet, will not be completed before the end of 2009 when Wild About Leicester is replaced with a new Biodiversity Action Plan.
113	Wild About Leicester 2010-2020	Develop, adoption and implementation of a new Biodiversity Action Plan (BAP) for Leicester.	Green	Draft plan produced. On track for completion and adoption by start of 2010. This is a partnership project with Groundwork Leicester and Leicestershire.
114	Database and Management Plans for Trees and Woodland	Develop and populate a database/GIS for trees and woodland managed by the Trees and Woodlands Section. Use the database to record, monitor and update Management Plans for each tree, cluster of trees or woodland area.	Green	Further records continue to be added to the database, with about 40% of Parks sites and an unknown percentage of Property Services sites still outstanding. The latter comes out of the problem that we have no comprehensive list of PS sites. This results in our list of them growing only as we become aware of them, mostly through enquiries being directed at us.
115	10,000 Trees Project	This project involves planting 10,000 trees across Leicester, to help achieve the One Leicester vision of a green and beautiful city.	Green	A net total of 2986 trees have been planted up to the end of 2008/09 and we are on course to meet the 10,000 target by the end of 2010/11.
116	Greenspaces Strategy	Develop and adopt a Greenspaces Strategy to maintain and develop the quality, quantity and accessibility of public open space in the City.	Amber	Further work on the draft strategy has been undertaken during the year and it is expected to go forward to the Cabinet for approval in the autumn of 2009 - slightly later than expected.

EMAS Action Programme 2009-10

117	Open Space Planning Policy (LDF)	Prepare and adopt a new planning policy for open space provision in the Local Development Framework, through the Core Strategy and a Supplementary Planning Document.	Green	Informal public consultation on an emerging preferred strategy took place in 2008 and a draft Core Strategy will be published for public consultation between 18th September and 30th October 2009, before its submission to the Secretary of State and Examination in Public. Adoption of the Core Strategy is expected by 2011.
118	Tree Planting on School Grounds	Carry out tree planting in school grounds	Green	Update to follow.
119	Develop data collection methodology	Develop data collection methodology for establishing the area of open space in school grounds.	New	Update to follow.
123	Roadside Maintenance	Review maintenance regimes for the clearance of roadside gullies, culverts and the drainage network and amend as necessary to cope with changing climate. This can only take place once the citywide drainage assets have been mapped and flood hotspots identified (See 1.1.5 and 1.1.6)	New	Mapping of drainage assets has begun. Once complete, a fully automated rolling maintenance programme, using GIS equipment to identify and record work completed, will be established based on areas of greatest flood risk. This work is now 80% complete for the roads. Footway gullies and drainage channels still to do
124	Emergency Response to Flooding	Ensure that a procedure to cover the emergency response to a major flood event affecting the city wide road network is included in the Business Continuity and Emergency Plan for the LCC	New	New. Emergency Management Local Flood Plan completed July 2008 - Now working on the implementation of the flood plan and developing community flood plans and flood wardens. The flood plan is in place, Emergency planning are doing an annual review of the flood emergency plan, 4 training sessions (of 60) have been held for Flood Wardens
126	Improvements to Storm Sewer Network	Seek improvements where possible to the existing storm sewer network to increase capacity to accommodate higher flow rates	New	Initial work has begun to review options in light of the Pitt report and the future Floods and Water Bill. A replacement programme for old cast iron pots is underway this year. We are developing a better relationship with STW about existing storm water sewers network. It is hoped to have a Surface water Management plan (SWMP) this year to lead future work
127	Map of Drainage Asset	Create a citywide map of all drainage assets (culverts, gullies etc) Once complete this will allow a more effective review of the drainage maintenance regime (See 1.1.1)	New	The Master Naught GPS gully mapping software is now being used by three gully cleaning crews to record all gullies as they are cleaned, Information on the type and accessibility is also recorded. This should be completed within 12-18 months. Still ongoing, we also have funding from DfT (jointly with Derby and Nottingham Cities) to look at mapping our drainage assets
128	Map of Flood Hotspots	Identify and map all flash flood hotspots within Leicester and identify the causes of flooding such as lack of capacity, poor maintenance etc. This in conjunction with 1.1.5 will result in a more effective maintenance regime (see 1.1.1)	Green	Locations of flood hotspots are being recorded and mapped onto the drainage asset map. We have developed a database for storage of flood information and will transfer eventually all historical info to it. DfT funding (see 1.1.5) will also help.

EMAS Action Programme 2009-10

129	Adaptation to Climate Change in Project Guidelines for Major Projects	New LCC developments and major projects to include a risk assessment of the impacts of future climate change at the design stage	New	Update to follow.
132	Heatwave Recovery Plan	Ensure that a heatwave recovery plan forms part of the council's emergency plan. (air pollution incidents etc)	New	A Current National Heatwave Plan produced by the NHS is available on the Intranet
133	Shading the Urban Environment	Review opportunity for the provision of trees to shade and cool the urban areas through evapotranspiration as part of the LCC Tree Strategy	New	Public consultation on the 10,000 trees commitment has begun and 18 ward meeting have been attended. Several events are organised during National Tree week (26th Nov-7th Dec) Barbara Barnes (Urban Design) is working on the tree strategy for LCC with a draft version ready by Jan 2009. Groundwork are covering schools. Ongoing
134	Green Roofs	Investigate and cost opportunities to retrofit 'cool' or green roofs to council buildings as part of any refurbishment, renewal or maintenance programme to help mitigate the UHI effect	New	Currently not included in any refurbishment programme
135	LCC Buildings and Infrastructure Susceptible to Subsidence	Identify buildings and infrastructure susceptible to subsidence risk and introduce regular maintenance checks to check for damage. Carry out preventative work where required to reduce damage	New	Work yet to be started on this action
136	Investigation into Best practice Design for Building Foundations	Investigate and cost best practice examples of suitable foundation design to cope with the increased likelihood and extent of subsidence and heave resulting from warmer wetter winters and hotter summers with reduced rainfall expected as a result of climate change	New	Work yet to be started on this action
137	Consideration of Tree Locations	Specialist advice sought and careful consideration given to the location and species of new trees to be planted by LCC to ensure they are at a sufficient distance from existing buildings and infrastructure to reduce subsidence risk to an acceptable level	New	Advice is being sought on tree type and suitability of the location of trees to meet the 10,000 tree's commitment
138	Tree Stock Inspection	Regular inspection and maintenance to be carried out on the existing tree stock to reduce the risk of damage to private property from subsidence	New	The Trees and Woodland team currently have 4 full time and 2 part time agency staff inspecting the Highways, Adults and housing and CYPS tree stock. Parks and Green space and Property's tree population are not reviewed as part of a regular maintenance programme.
139	Corporate Waste Monitoring Methodology	Further investigate monitoring methods for this target (eg. bin chips for council buildings)	New	Update to follow.
140	Site Waste Management Plans	Introduce arrangements for the Council to enforce and comply with the new legal requirement for Site Waste Management Plans.	New	Update to follow.
141	Establish a Construction and Demolition Waste Recycling Facility	Establish a pilot construction and demolition waste recycling centre in the City	Green	Update to follow.
142	Trees and Woodlands Zero Waste Project	Work towards zero waste going to landfill from trees and woodlands management work, by finding alternative uses for all waste materials: - Use of chipped material as a mulch and sale for energy generation - Use of logs by staff and public - On-site production of sawn timber for sale and/or reuse	Completed	This project has been successfully completed with the purchase of mobile milling equipment, which is producing sawn timber for sale externally and reuse within the Council from around 400 tonnes of tree waste per year. Both chipped wood and firewood are sold.
143	School Waste Monitoring Methodology	Further investigate monitoring methods for this target with Biffa.	New	Update to follow.

EMAS Action Programme 2009-10

144	Plastic, Glass and Paper Recycling Service for Schools	Ensure all EMAS schools use the free plastic, glass and paper recycling service provided by Biffa.	New	Update to follow.
145	Promote the Biffa Waste Collection Service in Schools	Make all schools aware that the Biffa waste collection service is the most environmentally friendly available (ie all waste is processed at Bursom and a separate free cardboard recycling service is provided).	New	Update to follow.
146	Actions to be developed relating to BSF programme		Green	Update to follow.
147	Actions to be developed relating to Primary school rebuilding programme through Site Waste Management Plans.		Amber	Update to follow.
148	Evaluate the potential of energy from waste using the refuse derived fuel via gasification / pyrolysis in addition to our current market of cement production		Amber	Update to follow.
149	Reusable 'One Leicester' Shopping Bags	Introduce reusable One Leicester shopping bags to replace single use plastic bags provided by the Council and partner organisations to their customers and run awareness raising campaign.	New	Update to follow.
150	Target Development	Corporate printing contract in place from Sept 07. Develop improved figure for corporate paper consumption by March 08 to provide new base year for target. Propose new target to cabinet.	Completed	Completed
151	Design Select List	Develop new design select list to ensure it helps deliver paper reduction and recycling targets	Completed	Completed
152	Locate supplier of tinted paper which is from post consumer waste		Amber	No suitable paper currently available on the market – monitoring of the paper market will continue with the aim of identifying a suitable source. HL
153	NCR Paper from Post Consumer Waste	Locate supplier of NCR paper (carbonless forms) which is from post consumer waste.	Amber	No suitable paper currently available on the market - monitoring of the paper market will continue with the aim of identifying a suitable source. HL
154	Reduce Purchase Price of Recycled Paper in the region.		Green	Update to follow.
155	Green Life Awards	Present the Green Life Awards annually to recognise the efforts of Leicester citizens and organisations to protect and improve the environment and to inspire further action.	Green	The 5th Greenlife Awards were presented by the Lord Mayor at a ceremony in New Walk Museum on 7th May 2009. As in previous years, the awards involved numerous schools, community groups and other partners as well as recognising achievements by teams within the Council. It also continued to generate favourable media coverage.
156	Continue with the programme for schools to gain EMAS registration		Green	Update to follow.