

APPENDIX 1

LEICESTER ENVIRONMENT STRATEGY – VISIONS, AIMS AND OBJECTIVES

and



Leicester Environment Strategy Visions

1. Leicester will have high awareness and understanding of local global environmental issues, such that actively caring for the environment becomes second nature.
2. Leicester will have a clean and healthy environment, free from pollution to air, water and land.
3. Leicester will have widespread local amenities and all residents and workers will have a choice of convenient and non-polluting transport options.
4. Leicester will be highly efficient in its use of energy, water and resources, and ensure that what is used is sustainably produced without damaging the wider environment.
5. Leicester will minimise waste production and seek to reuse or recycle all waste that does occur.
6. Leicester will protect and enhance wildlife habitats in the city and ensure its actions have only positive impacts on wildlife in the wider world.
7. Leicester will ensure that everyone in the city can access, use and enjoy an attractive local environment.

Vision 1	Leicester will have high awareness and understanding of local and global environment issues such that actively caring for the environment becomes second nature.
Aim 1.1	Ensure that every child leaves school with a thorough understanding of environmental issues and feels empowered to actively care for the environment
Obj 1.1.1	Implement EMAS or EcoSchools schemes in all Leicester schools
Obj 1.1.2	Promote and support the transfer of environmentally responsible attitudes and behaviour from school to home
Obj 1.1.3	Establish quality green surroundings around all schools that are managed to support biodiversity and to serve as teaching aids
Obj 1.1.4	Ensure that all Leicester school children personally make a practical contribution to environmental improvement (eg. planted

	a tree, participated in a clean-up, helped with a recycling collection)
Obj 1.1.5	Ensure that all school children have had an environmental education experience outside the classroom that helps them to value the environment (eg. visited a nature reserve or the EcoHouse)
Obj 1.1.6	Encourage after-school environment clubs and extra-curricular green activities
Obj 1.1.7	Establish schemes which encourage and reward environmental awareness and responsible behaviour in children
Aim 1.2	Provide diverse and ample opportunities for lifelong learning about environmental issues, targeted at all age groups and communities
Obj 1.2.1	Provide environmental talks and training for community groups.
Obj 1.2.2	Encourage adult learning centres to offer environmentally themed courses and activities
Obj 1.2.3	Ensure there is a city-wide programme of environmentally themed talks, walks and activities aimed at the general public
Aim 1.3	Encourage Leicester employers to support environmental education
Obj 1.3.1	Encourage and support businesses to raise awareness amongst their staff about environmental issues
Obj 1.3.2	Encourage Leicester businesses and other local organisations to adopt Environmental Management Systems
Obj 1.3.3	Encourage Leicester businesses to use their supply chain to promote environmentally responsible policies and practices
Obj 1.3.4	Develop reward schemes for businesses that adopt environmental good practice and highlight those that cause environmental harm
Aim 1.4	Ensure all Leicester citizens, workers and visitors are well informed of initiatives and choices which help the environment and participate in environmental good practice
Obj 1.4.1	Provide opportunities for individuals and organisations to participate in environmental good practice <i>The practical schemes and projects are described in the other themed chapters</i>
Obj 1.4.2	Ensure local media give environmental coverage a high profile
Obj 1.4.3	Ensure there is good marketing and publicity for all the environmental schemes that seek participation from the community.
Aim 1.5	Promote environmental care as an individual responsibility
Obj 1.5.1	Promote and encourage environmental champions
Obj 1.5.2	Support training schemes which develop individuals as environmental advocates
Obj 1.5.3	Establish schemes which encourage and reward environmental awareness and responsible behaviour amongst individuals
Obj 1.5.4	Promote events, initiatives and networks that help raise environmental awareness and encourage individual responsibility

Vision 2	Leicester will have a clean and healthy environment, free from pollution to air, water and land
Aim 2.1	Reduce (and eliminate) harmful emissions from vehicles
	Addressed under the transport section
Aim 2.2	Reduce (and eliminate) harmful emissions from industrial processes
Obj 2.2.1	Encourage and support investment in cleaner technology by local business
Obj 2.2.2	Support free or low cost environmental advice and training to local business
Obj 2.2.3	Ensure any failure of business to comply with emission limits is promptly identified and addressed, making high profile examples of penalties where appropriate
Obj 2.2.4	Introduce and enforce higher standards of acceptable emissions from local business
Aim 2.3	Reduce (and eliminate) uncontrolled burning of waste (including garden bonfires)
Obj 2.3.1	Introduce and enforce a policy of no bonfires (in gardens or on industrial land) – with cultural exceptions
Obj 2.3.2	Increase public education of the health and environmental concerns regarding bonfires
Aim 2.4	Contribute to cleaner sewage treatment residual outflow
Obj 2.4.1	Improve sewage treatment facilities such that any outflow to waterways is of high water quality
Obj 2.4.2	Educate the public on avoidance of toxic wastes through domestic drains
Aim 2.5	Reduce (and eliminate) direct discharge of harmful fluids by businesses into the River Soar and Grand Union Canal
Obj 2.5.1	Increase penalties for failure to comply with legislation
Obj 2.5.2	Reduce the number of businesses with consents to discharge
Obj 2.5.3	Reduce the number of discharges of nutrients and other wastes from farms and businesses upstream from Leicester
Obj 2.5.4	Improve the water quality of the River Soar and Grand Union Canal
Aim 2.6	Reduce (and eliminate) hazardous materials being accidentally or intentionally spilled
Obj 2.6.1	Educate businesses on reducing accidental discharges and promote alternative disposal routes

Obj 2.6.2	Increase penalties for failure to comply with legislation
Obj 2.6.3	Discourage the use of chemical pesticides and herbicides in gardens and open spaces
Aim 2.7	Eliminate litter dropping, fly tipping and dog mess
Obj 2.7.1	Encourage and facilitate neighbourhood responsibility for environmental cleansing
Obj 2.7.2	Ensure a high standard of street and open space cleanliness
Obj 2.7.3	Extend litter fine system to all problem areas (and times) of Leicester
Obj 2.7.4	Encourage culture of zero tolerance to dog mess and ensure high profile examples are made of offenders
Obj 2.7.5	Make high profile example of fly tipping offenders
Aim 2.8	Clean up contaminated land
Obj 2.8.1	Identify and publish all contaminated land in Leicester
Obj 2.8.2	Implement a programme of decontamination to clean up all identified sites
Obj 2.8.3	Ensure rigorous regulation to prevent any future contamination of land
Aim 2.9	Encourage environmental best practice which reduces/eliminates the use of toxic or harmful materials and wasteful processes
Obj 2.9.1	Encourage inward investment of cleaner and more sustainable industries
Obj 2.9.2	Identify and promote alternatives to products and processes which cause environmental damage
Aim 2.10	Monitor the quality of air, water and land to identify pollution levels and sources
Obj 2.10.1	Collect and annually publicise levels of pollution to air, water and land in Leicester

Vision 3	Leicester will have widespread local amenities and all residents and workers will have a choice of convenient and non-polluting transport options
Aim 3.1	Provide local shops, schools and community facilities so that people can carry out day-to-day activities without having to travel
Obj 3.1.1	Include local amenities in all new planning developments of residential areas (over 500 houses)
Obj 3.1.2	Prevent the loss of existing local amenities
Obj 3.1.3	Encourage community enterprises to provide local services
Obj 3.1.4	Implement the Leicester Better Building standard
Aim 3.2	Reduce work place commuting
Obj 3.2.1	Promote mixed use developments for both residential and business use
Obj 3.2.2	Encourage employers to develop 'green' travel plans to reduce the environmental impacts of work place commuting
Obj 3.2.3	Encourage employers to support home working amongst their staff
Obj 3.2.4	Introduce work place car parking charges
Obj 3.2.5	Encourage employers to recruit local staff and incentivise living near to work
Aim 3.3	Reduce vehicle pollution
Obj 3.3.1	Improve local air quality related to vehicle emissions Nitrogen dioxide annual mean not to exceed: PM10 particulates annual mean not to exceed:
Obj 3.3.2	Increase the number of vehicles using alternative (cleaner) fuels such as biodiesel, LPG, CNG, bio-ethanol, fuel cell or electricity
Obj 3.3.3	Introduce low emission zones in and around the city centre which give priority to cleaner vehicles
Obj 3.3.4	Increase the proportion of fuel efficient private cars
Obj 3.3.5	Advise drivers on driving techniques which increase fuel efficiency
Obj 3.3.6	Encourage employers to reduce the environmental impacts of company vehicles and staff travel (alternative fuels, small cars, alternative transport)
Obj 3.3.7	Encourage Leicester's bus and taxi fleet to use cleaner fuels and reduce their contribution to local air pollution

Aim 3.4	Increase public transport and car sharing
Obj 3.4.1	Improve the quality, frequency and convenience of public transport Increase the number of bus trips to the city centre (cf 48,962 2000/1 7-7pm)
Obj 3.4.2	Incentivise public transport in preference to private car use
Obj 3.4.3	Improve the integration of multi-modal public transport (bus-train, between bus companies)
Obj 3.4.4	Increase the number of park and ride schemes and the number of people using them
Obj 3.4.5	Increase the proportion of people within 30 minute journey time by public transport of major destinations (cf 55% 2001/2; 61% 2002/3) to city centre (cf 49.8% 2001/2)
Obj 3.4.6	Support innovative multi-occupancy transport schemes, such as ring and ride community buses
Obj 3.4.7	Promote car journey sharing, particularly for work commuting
Obj 3.4.8	Allow car sharing (multi-occupancy) vehicles to use bus lanes
Obj 3.4.9	Promote car ownership sharing
Aim 3.5	Reduce car use and increase walking and cycling
Obj 3.5.1	Reduce car trips to the city centre in morning peak times (cf 4932 of 5524 in 2001 8-9am)
Obj 3.5.2	Reduce car journeys to schools (cf 41% 2001/2)
Obj 3.5.3	Promote cycling and walking as a healthy and desirable mode of transport for all ages
Obj 3.5.4	Increase the proportion of all journeys in Leicester by bicycle (cf 2.2% centre + 0.9% outer 2001) journeys to work (3% 1998)
Obj 3.5.5	Increase level of cycling to schools (secondary) and universities (as % of all trips) (cf 1% 2001/2) link with Safer Routes to School Strategy (cf 5% 1998)
Obj 3.5.6	Increase the number of cycle paths both on and off roads increase proportion of Leicester households with access to good quality cycle facilities
Obj 3.5.7	Develop secure bicycle parking facilities at all major centres in Leicester reduce cycle thefts (cf 1998)
Obj 3.5.8	Offer road training for inexperienced cyclists (10-12 year olds)
Obj 3.5.9	Reduce casualty rates for cyclists (cf 1994-1998 average figures)
Obj 3.5.10	Increase percentage of students walking to schools, universities & further education estabs. (cf 40% 1998)

Aim 3.6	Reduce the intrusive nature of roads and traffic
Obj 3.6.1	Develop and implement “neighbourhood zones” where cars have a speed limit of 10mph and must give way to pedestrians and cyclists.
Obj 3.6.2	Give priority to pedestrians and cyclists on all roads in residential areas
	Increase the priority given to pedestrians and cyclists on all roads
Obj 3.6.3	Limit speed of powered vehicles to 20mph in residential areas
Obj 3.6.4	Prevent “rat-running” through residential areas during peak times
Obj 3.6.5	Improve landscaping along road routes to reduce visual and auditory intrusion and to help absorb pollution
Aim 3.7	Minimise the distance that food, goods and services travel to meet local needs
Obj 3.7.1	Promote farmers markets
Obj 3.7.2	Develop local produce marketing schemes
Obj 3.7.3	Encourage major purchasers to source local products and services
Obj 3.7.4	Encourage local food growing in gardens and allotments (Obj 4.4.2)

LTP = Local Transport Plan

WCS = Central Leicestershire LTP Walking & Cycling Strategy

Bus = Central Leicestershire LTP Bus Strategy

Vision 4	Leicester will be highly efficient in its use of energy, water and resources, and ensure that what is used is sustainably produced without damaging the wider environment
Aim 4.1	Improve energy efficiency in our buildings, industrial processes and in our use of consumer products
Obj 4.1.1	Reduce energy use by all sectors (cf baseline 1990)
Obj 4.1.2	Promote and actively support energy efficiency improvements in buildings (households, offices and businesses) Install energy monitoring equipment in buildings: <ul style="list-style-type: none"> - Leicester City Council buildings - Other public buildings - Business buildings Support the publication and use of the Leicester Better Building standard
Obj 4.1.3	Promote the purchase of energy (and water) efficient appliances and equipment
Obj 4.1.4	Increase the use of Combined Heat and Power (CHP) in both domestic and commercial buildings
Obj 4.1.5	Expand district heating schemes using CHP and renewable fuels <ul style="list-style-type: none"> - area of Leicester with district heating
Obj 4.1.6	Support and develop initiatives to reduce the number of fuel poor homes in Leicester
Aim 4.2	Switch to renewable energy use and develop local renewable energy generation
Obj 4.2.1	Increase the proportion of Leicester electricity consumption generated from renewable sources <ul style="list-style-type: none"> - Leicester City Council - Total (households, business, public and voluntary organisations)
Obj 4.2.2	Develop renewable electricity generation specifically for Leicester's demand sited within Leicester or Leicestershire
Obj 4.2.3	Increase the number of Leicester buildings with active solar thermal systems (total)
Aim 4.3	Use water efficiently and replace processed water with rainwater where appropriate
Obj 4.3.1	Promote and support water efficiency habits amongst all Leicester residents and organisations
Obj 4.3.2	Promote and support water saving measures such as water economising cisterns, water butts and water efficient appliances
Obj 4.3.3	Support the use of water meters in all buildings

Obj 4.3.4	Promote and support measures to capture and utilise rainwater -Leicester City Council buildings with rainwater harvesting - Total Leicester buildings with rainwater harvesting
Obj 4.3.5	Promote the use of Sustainable Drainage Systems (SUDs)
Aim 4.4	Minimise the environmental impacts of the food we eat
Obj 4.4.1	Promote the purchase of local food and produce
Obj 4.4.2	Encourage local food growing in gardens and allotments Number of active allotment holders Proportion of Leicester residents growing food
Obj 4.4.3	Encourage the growing and purchase of organic food and produce
Aim 4.5	Increase the use and consumption of goods and resources which are sustainably produced
Obj 4.5.1	Encourage the production and procurement of products made from recycled materials
Obj 4.5.2	Increase the use of FSC and other certified sustainable timber
Obj 4.5.3	Increase the productive use of timber grown in Leicester
Obj 4.5.4	Encourage the use of natural products in preference to synthetic materials
Obj 4.5.5	Encourage the purchase of goods carrying fair trade and other eco-labels
Aim 4.6	Reduce (and eliminate) Leicester's contribution to global climate change and adapt to those changes which affect the City
Obj 4.6.1	Support the objectives of Leicester's Climate Change Strategy (Most objectives are covered in the various themed sections of this document)

LES = Leicester Energy Action Plan, 1994

CCS = Leicester's Climate Change Strategy

Vision 5	Leicester will minimise waste production and seek to reuse or recycle all that does occur
Aim 5.1	Minimise waste generated from all sources
Obj 5.1.1	Increase the proportion of Leicester households actively home composting (as the most efficient method of dealing with domestic organic waste)
Obj 5.1.2	Introduce household charges for waste sent to landfill (with free recycling collections as an incentive to minimise waste)
Obj 5.1.3	Promote the use of washable nappies as an alternative to disposables
Obj 5.1.4	Promote and support purchasing choices which help reduce packaging (such as bulk purchasing and refill schemes)
Obj 5.1.5	Encourage businesses to minimise waste, reduce packaging and favour paper-based packaging materials over plastic
Obj 5.1.6	Discourage use of bottled water and where a water cooler is desirable, promote mains fed models
Obj 5.1.7	Support national waste minimisation schemes which can be applied locally
Aim 5.2	Increase reuse and repair of materials
Obj 5.2.1	Improve and promote existing reuse activities and establish new schemes for identified reuseable waste (furniture, computers, electrical appliances, household goods, bicycles, etc) <ul style="list-style-type: none"> - increase the proportion of identified reusable Leicester waste which is reused - reuse or recycle electrical waste items from Leicester households
Obj 5.2.2	Extend current markets for reuse/refurbished products
Obj 5.2.3	Encourage and support waste exchange schemes
Aim 5.3	Increase recycling of waste materials
Obj 5.3.1	Recycle (or compost) a minimum proportion of household waste in Leicester
Obj 5.3.2	Establish recycling in all schools
Obj 5.3.3	Establish a recycling centre for construction and building waste
Obj 5.3.4	Establish appropriate facilities for the collection, sorting and recycling of bulk waste items
Obj 5.3.5	Persuade local developers and builders to actively support recycling
Obj 5.3.6	Increase the recycling of business waste in Leicester

Obj 5.3.7	Ensure waste contractors for household waste are sufficiently incentivised to seek year on year increases in recycling rates
Obj 5.3.8	Encourage local purchasing of recycled products
Obj 5.3.9	Encourage businesses to utilise paper based packaging materials rather than plastic
Aim 5.4	Whilst waste is generated, dispose of this to the highest possible environmental standard with energy recovery where practicable
Obj 5.4.1	To avoid mass incineration as a waste disposal route (except for fossil fuel displacement)
Obj 5.4.2	Ensure all landfill sites collect methane for power generation

*Biffa = Leicester City Council waste management contract with Biffa

Vision 6	Leicester will protect and enhance wildlife habitats in our city and ensure its actions have only positive impacts on wildlife in the wider world
Aim 6.1	Identify, protect and manage all sites of nature conservation interest in Leicester
Obj 6.1.1	Identify, monitor and review all sites of nature conservation interest in Leicester (designated as SINCs)
Obj 6.1.2	Increase the total area of SINCs (cf baseline 2003 – 31 sites, 517 hectares)
Obj 6.1.3	Publicise these sites through a regularly updated ‘Site Alert Map’
Obj 6.1.4	Seek maximum protection against development of these sites through the planning process (eg planning guidelines, local plan policy, supplementary planning guidance)
Obj 6.1.5	Ensure all SINCs have a management planning and implementation process to maintain or enhance their nature conservation value LCC owned sites Non LCC sites
Obj 6.1.6	Seek Local Nature Reserve designation for all appropriate SINCs (those with public access)
Obj 6.1.7	Encourage and support community interest in these sites through awareness-raising, events, volunteer involvement and educational use (see Objective 7.5.2)
Aim 6.2	Enhance the biodiversity and ecological value of all open spaces and link together sites of nature conservation interest through ‘wildlife corridors’

Obj 6.2.1	Identify, monitor and review priority sites for ecological enhancement and designate these as Biodiversity Enhancement Sites (BESs)
Obj 6.2.2	Implement year on year biodiversity improvements on BESs
Obj 6.2.3	Promote ideas and opportunities for integrating nature conservation elements into other open spaces (non SINC or BES)
Obj 6.2.4	Gain the commitment of large landowners in Leicester to manage a minimum of 25% of their land for nature conservation City Council owned parks and open spaces Non City Council owned land
Obj 6.2.5	Develop one or more woodland/natural burial grounds in Leicester
Obj 6.2.6	Develop solutions to waterway management that enhances biodiversity (eg. Sustainable Urban Drainage - SUDs)
Obj 6.2.7	Increase the number of street trees
Obj 6.2.8	Periodically review Leicester's total open space resource to identify area, distribution and habitat structure (Obj 7.1.1)
Aim 6.3	Enhance the biodiversity of buildings
Obj 6.3.1	Incorporate opportunities for biodiversity enhancement into new developments through the Leicester Better Buildings Standard (for new building developments)
Obj 6.3.2	Promote ideas for incorporating nature conservation elements into existing buildings (roof access for bats, nest boxes, green roofs)
Aim 6.4	Encourage residents to manage their gardens to support and enhance biodiversity
Obj 6.4.1	Increase the proportion of gardens actively managed to support biodiversity
Obj 6.4.2	Promote wildlife gardening through publications, campaigns, best nature garden competitions and web sites such as www.wildaboutleicester.org.uk
Obj 6.4.3	Develop adult learning schemes to increase skills in wildlife gardening and environmentally-friendly horticulture
Obj 6.4.4	Encourage surveys to increase data on garden wildlife
Aim 6.5	Support the protection and enhancement of wildlife habitats in the wider world and reduce (and eliminate) our consumption of goods which damage wildlife and habitats

Obj 6.5.1	Encourage purchasing choices that actively avoid damage to biodiversity and support sustainable production, including: Promoting the consumption of peat-free compost Promoting the sale and purchase of fish from sustainable fisheries Increasing the sale and purchase of FSC certified sustainable timber (as Obj 4.5.2) Encouraging the growing and purchase of organic food and produce (as Obj 4.4.3) Encouraging trade in goods that support biodiversity (such as cork and brazil nuts)
Obj 6.5.2	Support appropriate wildlife conservation projects in the wider world (such as with Leicester's twinned cities and the Leicestershire Rainforest Reserve in Ecuador)
Obj 6.5.3	Promote principles of eco-tourism to Leicester holiday-makers
Obj 6.5.4	Commission/encourage research to identify Leicester's 'footprint' in terms of impacts on global biodiversity
Aim 6.6	Endorse and support the Leicester Biodiversity Action Plan
	<i>This plan expands upon the biodiversity aims of this Strategy and provides more detailed objectives and desired actions</i>

Key:

SPG = Supplementary Planning Guidance – Biodiversity

Leic BAP = Leicester's Biodiversity Action Plan

Vision 7	Leicester will ensure that everyone in the city can access, use and enjoy the local environment
Aim 7.1	Ensure an agreed percentage of the city is maintained as green open space
Obj 7.1.1	Periodically review Leicester's total open space resource to identify area, distribution and habitat structure
Obj 7.1.2	Protect, create and maintain a minimum proportion of the city area as green open space (public or private)
Aim 7.2	Ensure that all residents live within an agreed distance of publicly accessible green open space
Obj 7.2.1	Provide public access to as much green space in the city as possible
Obj 7.2.2	Create new accessible green space in those parts of the city with least access
Obj 7.2.3	Ensure no resident is further than 300 metres from public green space
Obj 7.2.4	Maintain and increase street trees in Leicester, particularly alongside major roads

Aim 7.3	Ensure residents are able to easily access local parks, green spaces and countryside
Obj 7.3.1	Ensure information about local, accessible green space is widely available to city residents (including transport, access and facilities)
Obj 7.3.2	Ensure public green spaces in Leicester have disabled access
Obj 7.3.3	Encourage and support more visits to local parks, nature reserves and green spaces
Aim 7.4	Ensure that new housing includes a minimum area of garden/private open space
Obj 7.4.1	Promote a minimum garden requirement through the Leicester Better Building standard
Obj 7.4.2	Ensure all housing developments include, or make a contribution to, public green open space
Aim 7.5	Enable and encourage individuals and local communities to participate in the improvement of their neighbourhood
Obj 7.5.1	Involve local communities in the creation and care of green spaces in their neighbourhood
Obj 7.5.2	Encourage and support city residents to undertake volunteer work to manage and improve wildlife areas and other green open spaces
Aim 7.6	Maintain an attractive environment, free from visual pollution such as graffiti, litter, dog mess and fly-tipping
7.6.1	Develop and maintain Leicester's parks and open spaces to a high standard Increase the satisfaction by all groups of parks users Achieve green flag status for parks Achieve Green Pennant status for community managed sites
7.6.2	Minimise light pollution through planning policy and the promotion of efficient street lighting See Pollution chapter (aim 2.7) for objectives on litter, fly tipping and dog mess