

## **MANCHESTER CITY COUNCIL**

### **REPORT FOR INFORMATION**

**COMMITTEE:** Communities and Neighbourhoods  
**DATE:** 17th July 2007  
**SUBJECT:** Green City Programme Update  
**REPORT OF:** Strategic Director, Neighbourhood Services

#### **PURPOSE OF REPORT**

To update Members on the progress and performance of the Green City Programme and look at the Green City programme over the next twelve months.

#### **RECOMMENDATIONS**

That Members note the report.

#### **FINANCIAL CONSEQUENCES FOR THE REVENUE BUDGET**

No immediate consequences.

#### **FINANCIAL CONSEQUENCES FOR THE CAPITAL BUDGET**

No immediate consequences

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#### **BACKGROUND DOCUMENTS**

Reports to the Executive Committee  
- The Greening Manchester Report to Executive on the 16<sup>th</sup> March 2005  
Reports to the Physical Environment Overview and Scrutiny Committee:  
- Green City Project Update 7<sup>th</sup> Feb 2006

#### **WARDS AFFECTED**

All

#### **IMPLICATIONS FOR KEY COUNCIL POLICIES**

<b>Anti Poverty</b>	<b>Equal Opportunities</b>	<b>Environment</b>	<b>Employment</b>
Yes	No	Yes	Yes

## **1 Overview**

The Green City Programme was put in place as a result of the 'Greening Manchester' Report to Executive in March 2005, which put in place the goal of becoming 'Britain's Greenest City' and identified ten targets that were considered to help Manchester achieve this ambitious aim. Since then, a Green City Team has been put in place to deliver the programme.

## **2 Priorities and Plans for 07/08**

The 2007-8 Environmental Services Business Plan identified priorities to be delivered across the Service to support the Green City aspiration (see Appendix 1). A copy of the Green City Team's work plan for 07/08 is attached as Appendix 2. The plan combines embedding environmental issues and targets into mainstream council services, providing expertise and support to a wide range of council projects, and running environmental projects and initiatives ourselves and with partners to drive forwards the Green City agenda. This is a critical year for the environment agenda, with a number of national policy and legislative changes being proposed, including over 50 separate consultations relevant to the future performance of Manchester as a Green City, so in addition to the work outlined, the team will be aiming to draft suggest responses for some of these on behalf of the Council, and support council services in understanding their impact on service delivery and resources.

## **3 Reviewing the Targets**

As the targets were established two years ago before the programme was in place, a review of them to identify progress and check that they are still fit for purpose was included in this year's work plan. A half-day consultation was held as part of the Green City Network Annual conference on 21<sup>st</sup> May. Appendix 3 gives details of progress to date against the targets and suggests target reviews. This will be developed further during this year.

## **4 Supporting the Green City Programme**

The team has put in place a number of measures to support the delivery of the Green City Programme. A network of over 750 'Green Champions' across Council services, a web-site that's achieved over a million hits ([www.manchestergreencity.co.uk](http://www.manchestergreencity.co.uk)) and an annual conference all help to engage others in the Green City Programme. A comprehensive suite of indicators has been developed to monitor performance, and monitoring systems are now in place for the majority of them. Tree, Biodiversity, Energy and Waterways strategies are being implemented.

## Appendix 1 Green City Priorities

### Environmental Services Business Plan Section 4:

#### 1. Work with partners in the LAA to deliver green city objectives:

We will provide expertise to develop specific actions that encourage partners to address climate change, energy security and fuel poverty. Three partners have been prioritised, selected on the basis of their current emissions footprint, and ability to cut city-wide emissions through their influencing or capacity building capabilities. These are:

- **GMPTE:** Target at least 10 further low emission buses, pilot the use of biofuel and help transport unit to develop a policy to get the most polluting buses off Manchester's streets.
  
- **Manchester Chamber of Commerce / Manchester Enterprise:** focus on advice provision in reducing business emissions and improving fleet / freight performance through promotion of business pledge, streamlining of existing advice targeting businesses, and working to improve business environment sector support services with the newly selected advice provider.
  
- **Learning and Skills Council:** One of the main barriers to renewable energy and energy efficient appliance uptake is long lead times and a shortage of qualified staff. We will work with the LSC to identify and gain funding to run courses that increase the capacity and availability of equipment designers and installers for renewable, low impact and efficient equipment.

**2. Deliver UK leading environmental standards in Planning:** The preparation of the Local Development Framework (LDF) Core Strategy is a council priority for the coming year. A new supplementary planning document (SPD) and Planning Guidance that contains key environmental standards has been adopted. This year the team will work with Planners to identify and input environmental requirements for consideration at core strategy issues and options stage. The Green City team will also produce advice for developers in the form of non-statutory 'best practice' specific guidance documents in the areas of energy, climate change and water. This will help developers to improve the environmental performance of their designs, reducing energy, water and transport use, and help them understand and implement the environmental standards in the SPD.

**3. Measure Progress in becoming Greenest City:** In order to provide regular, meaningful updates on green city performance relative to the targets and to other cities, the team will continue to deliver baselines, benchmarking and monitoring for key environmental issues. Within this work, the development of processes to monitor the impact of developments (e.g. tree gain/ loss, BREEAM uptake, energy performance etc) and capital programmes (energy impact etc) are priorities.

**4. Developing and improving Council environmental policies:** Using a stakeholder engagement approach action plans will be produced for:

- Climate Change (building on existing Energy Strategy) (06-08)
- Sustainable Procurement (working with Corp. procurement) (07-10)

- Sustainable Food (working with Food Futures and HATS) (07-08)

These action plans will help to identify priorities, agree coordinated action in line with priorities, and help to publicise and showcase Manchester's environmental credentials

**5. Building Awareness and Capacity:** There is a risk that opportunities to reduce environmental impacts within Housing, Capital Programmes, MEDC and regeneration are being missed. As such, the current programme of Green City training and workshop sessions conducted with Planning will be extended to these services, with at least 10 further training modules being developed and delivered on subjects including Sustainable Urban Drainage, reducing energy demand, environmental design and construction, and renewable energy.

**6. Biodiversity:**

Projects will be delivered to achieve an increase in the number of green roofs across the city, to plant at least 5 community orchards, designate new local nature reserves (at least 2 per year) and engage at least 1,000 people through providing, and helping others provide community environmental projects. We will continue to deliver Breathing Places projects within the city.

**7. Climate Change and Energy:** Renewable energy uptake will be increased by delivering embedded renewables generation in projects such as BSF, delivering advice to improve householder access grants and equipment selection easier, and directly delivering more capacity by developing a joint venture to deliver large-scale energy generation schemes, (target of 5MW installed in the next three years).

**8. Eco schools:** Eco-schools is an award winning scheme, which aims to develop a whole school approach to raising awareness about environmental issues. It offers an approach to developing environmental management systems within the school and linking the practical work that takes place in the curriculum. Environmental Services has supported the scheme since 2003.

Currently 58% of all Manchester schools are registered to eco-schools. The target for 2008 is 80%. In addition the schools are being encouraged to:

- Reduce their eco footprint
- Make a positive contribution to local communities through the environment
- See a positive effect on school budgets through energy and Water savings
- Add value to school curriculum

**9. Air Quality Actions to improve air quality across the city**

The implementation of the current air quality action plan has led to reductions in emissions of pollution in the city since its adoption in 2003. It is recognised that more action is needed to meet all the health objectives and targeted action for nitrogen dioxide in particular. This year the action plan will be updated, setting out the enhanced actions needed to improve air quality, partnership working will be developed further to support the action plan. Many of the Green City initiatives for example, such as climate change and energy efficiency are complementary actions for improving air quality and will be integrated into the updated action plan.

Controlling transport emissions are fundamental to meeting the health targets.

Joint working with the Transport Planners and input to the Local Transport Plan<sup>2</sup> is now established and air quality input to the Transport Innovation Fund Bid is programmed to support the Bid. An updated and improved Emissions Database will be delivered to inform sector contributions and target cost effective air quality actions. We will continue to work with businesses through the Environmental Business Pledge to secure reductions in emissions. Improved web information on the Council's management of air quality and a project with an electric vehicle trial are being developed.

## Appendix 2

Action / Theme	Green Team Action	Lead Officer	Timescales
<b>Working with our partners to achieve Green City Objectives</b>	Engage with LAA partners: GMPTe, Manchester Chamber of Commerce, Manchester Enterprise, Learning and Skills Council.	SD	Ongoing (07-09)
	Ensure Green City objectives are embedded in all Business Plans	SD	April 07
	Embed Green City objectives with all SRFs	JS	Ongoing (07-09)
	Embed Green City objectives within Wythenshawe's TOSAP	JS	Ongoing (07-09)
	Embed Green City objectives within the LSP framework and specifically the economic forum	SD	Ongoing (07-09)
	Participate in Planning steering projects and overview meetings to ensure that GC priorities are embedded in developments	SD	Ongoing (07-09)
<b>Sustainable Development</b>	LDF – support in the development of the core strategy	JS / SD	Report – April 07 LDF December 07
	Guide to Development 2 – support Planning in embedding environmental requirements within Development Control	JS	April 07
	Irwell Park – embed Green City objectives within ICP	JS	May 07
	Produce water planning guidance to support SUDS	JS	March 08
	Support the Public Realm team in the development of the green roof at the Piccadilly Pavilion	JS	Autumn 07
	Waste storage and collection guidance – produce project management file and undertake audits	JS	Audit – Feb and Dec 07
	Undertake audits of green city objectives implementation within the planning process e.g. Guide to dev impact, BREEAM, trees etc.	JS	Ongoing (07-09)
<b>Performance Management</b>	Review Green City targets and establish new targets for 2007/08	SD	Consultation – GCN conference May 07 Executive – Nov 07
	Put in place effective performance indicators and embed in council services and reports submitted to Members to help inform decision-making	JG/SD	Ongoing (07-09)
	Quarterly progress reports	SD	Ongoing (07-09)
Biodiversity	Wildabout Manchester Campaign	JF	March 07
	BBC Breathing Places – Manchester to become a Breathing Places City	JF	June 07
	Identify 2 new Local Nature Reserves	JF	July 07

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	Support for the development of PPG – Open Space and Play	JF	Dec 07
	RSPB project development inc Aren't Birds Brilliant	JF	Ongoing (07-09)
	Local record centre development – creation of a population database, made available on the internet	JF	Dec 07
	Increase numbers of green roofs across the city, including one demonstration roof	JS	Ongoing (07-09)
	Plant at least 5 community orchards	JF	March 08
<b>Climate Change and Energy</b>	Develop and publish a Climate Change Strategy and Action Plan	SD/LN	November 2007
	Development of planning guidance – climate change and energy	LN	May 07
<b>Climate Change and Energy</b>	Increase Manchester's renewable energy generation capacity	LN	Ongoing (07-09)
	Staff energy awareness event	JH	End of March 07
	Explore the feasibility of and implement large scale wind energy projects (Inc Ribbon of Wind and Four Points of the compass)	SD / LN	Ongoing (07-09)
	Participate in the working group for a city region Climate Change Agency	SD	Dec 07
	Respond to EST and NWRA energy agency consultations and other consultations as appropriate (over 50 potentially important ones between now and end 07)	SD	Ongoing (07-09)
	Assist in the development of a secure model for energy services	SD	Ongoing (07-09)
	Participate in the development of an Energy Plan for Manchester	LN	Sep 08
<b>Building Awareness and Capacity across the Council</b>	Training session for Planning, MEDC, Regeneration and Private Sector Housing	JS	Ongoing (07-09)
	Integrate sustainable design and construction principles into business plans, Gateway process, BSF, Framework 1 and Small Works Framework	SD	Ongoing (07-09)
	Integration of sustainability into the Council wide Asset Management Plan	LN/ SD	August 07
<b>Promotion of Green City Objectives</b>	Ongoing maintenance and development of the Green Champions scheme – including Green Champs Business scheme	JH	August 07
	Produce Green Champions forward strategy and promote scheme to Manchester businesses	JH	April 07
	Student projects and university coordination	LL/JS	Ongoing (07-09)
	Green City website – ongoing maintenance and development	LL/JH	Ongoing (07-09)
	Eco families	LL	June 07
<b>Sustainable Procurement</b>	Develop sustainable procurement policy in line with national action plan	LL/SD	Ongoing (07-09)
	Develop sustainable procurement guide and action plan	LL	July 07
	Develop training for all procurement staff	LL	October 07

## Appendix 2

Action / Theme	Green Team Action	Lead Officer	Timescales
<b>Sustainable Food and Fairtrade</b>	Fairtrade – maintenance and development of Manchester’s Fairtrade City status	LL/ RO	Ongoing (07-09)
	Develop sustainable food action plan	LL	August 07
	Develop sustainable food procurement policy and guidelines	LL	November 07
<b>Transport</b>	Green Badge parking scheme introduced for NCP season ticket holders	JG / JH	Launch June 07
	Support the transport policy unit in the Transport Innovation fund application	SD/ JH	July 07
<b>Waterways</b>	Waterways strategy – quarterly reporting progress updates and WFD engagement	JS/SD	Ongoing
<b>Greening Events</b>	Ongoing promotion and development of the Greening Your Event Guide	JG / LL	Ongoing
	Support Manchester International Festival in their quest to be a sustainable / carbon neutral event by 2011	JG / LL	Ongoing (07-09)
	Advisory member of Positive Impact Manchester	JG / LL	throughout 07/08
<b>General</b>	Business Advice Service – development of a business advice handbook and web presence	JG / JH	Initial report Feb 07 Complete March 08
	City Region environmental governance – work to improve governance and joined up working across the city region	SD	Ongoing (07-09)
	Valuation and property – assist in the development of a long term asset strategy	SD	Dec 07

- High Failure risk
- Target on track
- Target achieved

## Appendix 3: Green City Targets Status Report

Target:	1. Reduce citywide CO <sub>2</sub> emissions at a rate exceeding UK Kyoto targets.	2. Reduce the hectareage of city land identified as contaminated or potentially contaminated by over 4% per annum.	3. To increase the rate of household recycling by 1% more than the average of municipal waste collection authorities.	4. Incorporate into Development Guide for Manchester 2 a framework of standards to encourage progressive achievement of the UK's most ambitious environmental targets for new build
Summary	<p>The Kyoto target is for UK emissions to decrease by 12.5% by 2012. Between 1990 and 2005 the UK's greenhouse gas emissions decreased by 6.5%.</p> <p>Robust data collection for Manchester is available for 2004, however Kyoto targets are based on a 1990 baseline. A project to upgrade the EMIGMA database and identify a carbon dioxide 1990 baseline is due to be completed at the end July 07.</p> <p>We expect an increase between 1990 and 2004 due to a combination of Manchester's growth and its limited number of large industrial sector businesses, where due to legislation, the majority of UK cuts were achieved.</p>	<p>This target was achieved in 05-06, and we expect to be near or at the target level for 2006-7.</p> <p>This target demands a sustained programme of action to tackle contaminated land sites over a long period. Manchester's industrial heritage means that there is a significant challenge to be faced in remediating contaminated land. However, rapid regeneration has also resulted in remediation of some of the most significant contaminated sites in the city. As we continue to remediate land, this target will become increasingly difficult, as the quick wins and prime sites become fewer.</p>	<p>The recycling rate in 2004-5 was 15.6%. Our growth rate outstripped the average of other authorities by 1.6% in 2005-6, and while the 06/07 data is still being finalised, we expect to achieve a rate of around 21, another 3% can be added to include recycling at Household Waste Collection Facilities. Benchmarking data from other authorities to check delivery of this target is expected in November 2007.</p> <p>A major contract to improve the treatment and reprocessing facilities for waste means that new recycling infrastructure will be in place by the end of the decade. See the waste and recycling update for more information.</p>	<p>This target was achieved in March 2007, with the Guide to Development being adopted as a Supplementary Planning Document and Planning Guidance. Even better, the Guide identifies and combines an approach to all the main priorities that need to be considered in undertaking development in Manchester, so environmental standards can be viewed in the context of a holistic approach to Manchester's built environment. The next step is to embed the values and standards established by the Guide into the forthcoming Local Development Framework Core Strategy for Manchester, due in 2010, and improve enforcement and accounting. Projects are underway to deliver this. The current Planning White Paper will have a material impact on the ability of Manchester to control and reduce the impact of development.</p>
Highlights	<p>Renewable energy installations have increased from less than 5 in 2004 to over 200 in 2007. Manchester City Council is currently working in partnership with local businesses, organisations and community groups to develop a strategy and action plan for mitigating and adapting to the impacts of climate change. The Manchester Climate Change Strategy and Action Plan will be consulted on during summer 2007 and it's launch is planned for late 2007 / early 2008. Robust standards have been embedded in the Guide to Development 2, and the latest energy and gas data shows a reversal in the trends of domestic and commercial energy use. Manchester has also led work for GM and core cities in establishing monitoring and benchmarking</p>	<p>A new FLARE database has been introduced that will provide accurate information on the amount of land identified as contaminated and how much has been remediated. Manchester has led the design of a monitoring and reporting method adopted across GM, and works with GM to benchmark and improve performance. This model has been cited as good practice by DEFRA. Six major remediation projects are currently in the early stages of development and we hope to secure DEFRA funding to progress them.</p>	<p>Near entry bring sites to make it easier for some people living in multi occupier properties, and a roll out of additional composting and green waste collection facilities has helped deliver improvements and more of this is planned during 2007.</p>	<p>In addition to the Guide to Development and LDF work ongoing with Planning, nine training modules have been designed and run with Planning Officers to help improve their understanding of environmental issues, and around 50 information sessions have been held with external design teams. Green roofs can be viewed at New Islington and The Birches, Didsbury, and other excellent examples of sustainable design can be seen at the Baytree Housing Estate and North City Library Harpurhey, BDP's new office at Piccadilly Basin, and the Manchester Civil Justice Centre. Most recently, a masterclass event to promote green roofs was held with over 50 attendees.</p>
Target Review	<p>While we cannot control past emissions, we can change future ones. It is suggested that this target is replaced with a commitment to establish a quantified carbon budget that aligns Manchester directly with achieving leadership in national and international science-based targets for 2020 and 2050. Tyndall Centre has been commissioned to identify this target by end Sep 07.</p>	<p>As the quick wins are used up, it becomes important to base projected remediation targets on RSS and LDF land use plans, to target brown field and contaminated sites for priority redevelopment. We also need to develop projects to treat difficult sites. Consultation suggests this target should be replaced with a specific hectareage</p>	<p>The new Government Waste Strategy's national target is 40% recycling/composting by 2010. A significant improvement in uptake rates for existing facilities, and a focus on waste minimisation is needed.</p>	<p>It is suggested that this target is replaced with more direct, quantitative data, and also that targets for the city's building stock as a whole, rather than just new development are needed.</p>
Key performance indicators	<ul style="list-style-type: none"> <li>• CO<sub>2</sub> emissions by sector and per capita emissions (Domestic per capita CO<sub>2</sub> (tonnes))               <ul style="list-style-type: none"> <li>○ Latest figure (2005/06) 2.5 tonnes</li> </ul> </li> <li>• CO<sub>2</sub> emissions by sector and per capita emissions (Industry and Commercial CO<sub>2</sub> emissions (kt CO<sub>2</sub>))               <ul style="list-style-type: none"> <li>○ Latest figure (2005/06) 1578.14 kt CO<sub>2</sub></li> </ul> </li> <li>• CO<sub>2</sub> emissions across Council</li> </ul>	<p>Percentage remediated 0506: 4% (0607 due end July 07)          Future monitoring will be based on:          - hectareage and proportion of land contaminated.          - Hectares and proportion of land remediated.</p>	<p>06/07          Recycling rate for household waste; cc 21% (4% Composting rate included above)           05/06 Kg household waste per head:441 kg</p>	<p>During 06/07, 10 new developments (inc. 9 living roofs) had a leadership biodiversity emphasis: (1 scheme completed, 9 with planning approval), New developments: 3 incorporated best practice SUDS (2 complete, 1 with planning approval) and since June 06, all new developments appear to have either committed to, or had conditions placed upon them to achieve BREEAM / ecohomes very good or better. However, further post-construction validation is needed to check compliance</p>

- High Failure risk
- Target on track
- Target achieved

## Green City Targets Status Report

	5. Complete a city wide tree audit, assemble a management and development strategy and require a nett increase of 10% on all new developments.	6. Achieve 62% of morning peak hour trips to the city centre by modes other than private car by 2008.	7. Extend Metrolink to become the UK's largest modern light rail network.	8. To support renewable energy production in Manchester by CHP and micro-CHP, wind turbines, photovoltaics and other sources to achieve recognition as leading UK city in this field.
Target				
Summary	<p>The Tree Strategy was approved at Executive in July 2006. There is qualitative evidence that the 10% net gain is being achieved, with major developments, in general, by far exceeding the 10% goal. However, further work is needed to put an effective monitoring system in place. Data on tree cover is currently held in 5 different databases. As part of the NRF 'Greening Manchester's Street' programme, it has been agreed by the council that Red Rose Forest will implement a programme in 2007-08 to rationalise existing data, audit the total tree cover in east &amp; north Manchester and design a system to maintain accurate tree cover data on a city-wide basis.</p>	<p>This target was based on a 2002 performance of 59%, and with continued economic growth, would represent a significant achievement prior to implementation of Metrolink Phase III extensions. The baseline method that central government uses to monitor modal shift was updated in 2006, and as at May 2006, was 64%. As such working target of a 3.6% increase, rather than a 62% target is now being used to monitor progress against this target, A survey to ascertain performance is due to be carried out in 2008, with early indications being that we are moving in the right direction.</p>	<p>To achieve this target, the conurbation would need to be well advanced in the delivery of Metrolink Phase III by 2010. This is being carried forward by the Greater Manchester TIF bid, being dealt with by AGMA and the GMPTA. Further funding is reliant on the Transport Innovation Fund bid. If successful this will see the network further extended to Ashton-Under-Lyne, East Didsbury and Manchester Airport as well as Oldham and Rochdale town centres. If all proposed phases are complete, the network will be nearly 60 miles long, making it the largest light rail system in the UK. The TIF package also includes a wide range of measures to reduce the environmental footprint of travel in Manchester,</p>	<p>Renewable energy is already being embedded in landmark developments in Manchester. Ensuring the appropriate policy, planning, funding and incentives frameworks are in place at national and local level is a priority, and so responses were submitted to the NW Climate Strategy, NW Sustainable Energy Strategy and Energy White Paper consultation in 2006, and to the first stage of the Climate Change Bill consultation in June 2007. The UK's first large scale city centre turbine was approved by Planning in October 2006. Ensuring that council projects reflect renewable energy options has been a priority in capital programmes, Regeneration frameworks and specific projects such as Building Schools for the future.</p>
Highlights	<p>In addition to development activities, community events led to over 3,500 trees planted during 0607, and a tree warden scheme has been established to help protect and maintain tree resources and the tree strategy secured commitments to planting over 16,000 by 2010. The target has been incorporated into the Guide to Development 2.</p>	<p>A wide range of measures to promote modal shift are in place across the city, with recent highlights including Manchester Bike week, school walking bus schemes, improvements to the free metroshuttle service (the only one in an major UK city) and, of course, the extensive work underway as part of delivery of the Local Transport Plan, including the Transport Innovation Fund submission.</p>	<p>Funding has been secured for phase three of the expansion to include lines to Oldham and Rochdale, Droyslden and Chorlton. Work is expected to commence in 2008.</p>	<p>Progress can be seen in the increase in renewable energy installations in the city from less than 5 in 2004 to over 200 to date. Our planning policies have been strengthened with the Guide to Development which establishes a UK leading standard for 20% of site final energy demand to come from renewable energy sources. A bid to put in place an Energy Plan across Greater Manchester has been submitted in partnership with the Manchester Digital Development Agency and a project to install large scale wind across Manchester is under development</p>
Review	<p>This target is the only one with relevance to the biodiversity agenda, and while addressing a key issue, does not reflect the broad spread of priorities identified in the biodiversity action plan, which was produced in 2005. Replacement with a target or targets that reflect the wider biodiversity needs of good quality habitats, and access to quality open space is proposed</p>	<p>The two transport targets need to be updated to reflect priority environmental impacts and the way that transport impacts are now monitored. In particular, fuel use statistics would suggest that freight related transport impacts rose sharply in 2002-4, and the existing targets don't really encompass the environmental priorities of improving air quality and reducing the carbon intensity of buses and other vehicles in the city (eg green badge, cleaner vehicle campaign, Whizz Go pay by the hour low emission cars). As such, it is suggested that a new target is based on reducing overall transport fossil fuel use and the harmful emissions of transport, as well as improving modal shift is put in place.</p>		<p>This target could be replaced with a quantified target for installed capacity of large scale and 'microgeneration' technologies as part of the development of the Climate Change Strategy and Action Plan. To be recognised as a leading city, we also need to nurture R&amp;D and business development in the renewable energy technology sector.</p>
Key performance indicators	<p>Number of TPOs = 301 (289 in 2005) % gain or loss in tree numbers across all developments = awaiting information  Amount of City mapped for phase 1 habitats = 100% Increase in priority habitats = resurvey '09/10</p>	<p>Proportion of morning peak hour trips into the City Centre by means other than car: Baseline established, will be measured again in 2008.</p>	N/A	<p>Number and output (MWH equivalent) of embedded renewable energy installations: 0.5MW installed to date, with a further 2MW approved/ on-site.</p>

# Green City Targets Status Report

- High Failure risk
- Target on track
- Target achieved

<b>Target</b>	<p><b>9.</b> To achieve acceleration of the water quality improvement programme with the Environment Agency and United Utilities and increase the percentage of sites of satisfactory litter cleanliness from 80% to 100%.</p>	<p><b>10.</b> To undertake 3 new initiatives annually which enable the city and its stakeholders to demonstrate the city's increasing green credentials.</p>
<b>Summary</b>	<p>Waterways quality has steadily improved over the last 10-15 years; 80% of Manchester's rivers are now classed as acceptable by the Environment Agency but in the last few years, the pressure caused by an increasing population on sewerage infrastructure is threatening further progress. The Water Framework Directive will mean significant changes to national and local water quality priorities and monitoring systems. The Council will be helping shape this by responding to DEFRA's 'Significant Water Management Issues' consultation in December 2007. The Council will also try to optimise investment in Manchester's water quality as part of engaging with Environment Agency and United Utilities to prepare NW River Basin Management Plans. As a result of major bankside improvement investments, clean ups and river valley warden activities, at the latest review in Aug 2006, 2 sites were recognised as no longer being litter hotspots with significant improvement at 3 of the other sites. The target is now embedded in River Valley Warden's briefs. Problems persist on the Irwell near Julia St, (fly tipping, antisocial behaviour and other nuisance). Regular clean up and enforcement checks temporarily alleviate this but redevelopment is needed to solve the problems permanently.</p>	<p>In 2005/6, the 3 proposed initiatives aimed to:          Build on the city's achievement of Fairtrade status to become a leading Fairtrade city          Promote the development of local food production and consumption including a strategy for the Council's support of both Fairtrade and locally produced food.          Assess the potential of biofuels and commission a business case for a distribution and usage infrastructure</p> <p>In 2006-7 we developed:          A greening events guide to help event organisers and venues across the city up their environmental act          A Tree Warden Scheme to build on the delivery of biodiversity goals and help us to identify and improve the quality of Manchester's tree resource          A Green Badge Parking initiative offering a discount on parking charges for low emission vehicles</p> <p>In 2007-8 we aim to build on the initiatives already in place, and identify a suite of new initiatives that should be supported as part of the target review.</p>
<b>Highlights</b>	<p>In the last 4 years over £6m of environmental improvements have been realised across Manchester's rivers and canals. Medlock Valley NWDA Funding – the NWDA have approved nearly £3m for access and environmental improvements in the Medlock Valley          Irk Valley Local Plan – The Executive approved the Plan on 17/01/07. To date, over £3m has been spent on significant environmental regeneration. This will compliment large scale Housing Market Renewal works scheduled for the forthcoming years in the Lower Irk valley.          Moston Vale, Irk Valley - Over £1.7m of work has now been completed on this 21 hectare derelict former landfill site.</p>	<p>Fairly Traded Market has run for 2 years in Piccadilly – first to be established in the UK          Manchester Fairtrade guide is distributed to over 9,000 organisations and people. Food Futures programme established a city wide approach to sustainable food, and a procurement action plan is being delivered with HATS          A biodiesel only station was piloted at Piccadilly, and MCC now runs over 1,000 vehicles on 5% waste oil-derived biodiesel, and has piloted 20% biodiesel. Next steps include supporting providers in encouraging retailers to stock biodiesel alongside fossil fuels.          The Greening Events guide has been adopted at venues across Manchester, and is even being used by other cities.          Green Badge season tickets go on-sale on 10<sup>th</sup> July this year and the concept won a national Low Carbon Vehicle Partnership award in 2006.</p>
<b>Target Review</b>	<p>The way that water quality is measured will change as part of the implementation of the EU Water Framework Directive so a target that is in alignment with achieving a particular standard is still not practicable.</p>	<p>As we move to a system of SMART targets that are based on quantified environmental outcomes, it is suggested that this target is discontinued, and instead, the identification of initiatives is done as part of deciding the priority actions to enable Manchester to achieve Greenest City status</p>
<b>Key performance indicators</b>	<p>Number of sites achieving fair or better (A-D) General Quality Assessment (GQA) standards: 11/23 (2005)          Sites achieving acceptable levels of litter cleanliness at Aug 2006: 87.5%          No. of sites no longer hotspots (litter-free / minimal litter at repeated checks): 2/6 (Aug 2006)</p>	<p>N/A</p>