

**Manchester City Council  
Report for Information**

**Report to:** Neighbourhoods & Environment Scrutiny Committee - 3 January 2018

**Subject:** Manchester Green and Blue Strategy - Report on progress

**Report of:** Strategic Director, Development,  
Deputy Chief Executive – Growth & Neighbourhoods

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**Summary**

Manchester's Green and Blue Infrastructure (G&BI) Strategy, together with its Stakeholder Implementation Plan (July 2015) was developed jointly by the Council and the *Manchester: A Certain Future (MACF)* Green and Blue Infrastructure Group. In January 2017 the refreshed Tree Action Plan was also approved which sits under the G&BI Strategy. This report updates members on the progress that has been made by both the Council and external stakeholders towards delivering the actions and achieving the objectives of the G&BI Strategy.

**Recommendations**

That Scrutiny Committee consider and comment on the progress made by both the Council and external stakeholders in achieving the actions in the Implementation Plans attached at Appendix 1 and 2.

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**Wards Affected:** All

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**Background documents (available for public inspection):**

The following documents disclose important facts on which the report is based and have been relied upon in preparing the report. Copies of the background documents are available up to 4 years after the date of the meeting. If you would like a copy please contact one of the contact officers above.

- Manchester Green and Blue Infrastructure Strategy: report to Neighbourhoods Scrutiny Committee and Executive, July 2015, Manchester City Council
- Manchester Green and Blue Infrastructure Strategy: July 2015
- Manchester Green and Blue Infrastructure Stakeholder Implementation Plan : July 2015
- Our Manchester 2015-25
- Manchester G&BI Stakeholder Implementation Plan – Report on Progress: to Neighbourhoods and Environment Scrutiny Committee January 2017
- Tree Action Plan update: Report to Neighbourhoods and Environment Scrutiny Committee January 2017
- Manchester Residential Design Quality Guidance

## **1.0 Introduction**

- 1.1 Our Manchester Strategy sets out the vision for a world class city with a dynamic economy, where residents from all backgrounds can live well. Attractive, multi-functional green and blue infrastructure is a key component of shaping and delivering the quality of life people expect and enhancing the city's global image as place in which to live, work and invest. It also has a vital role to play in terms of sustaining a healthy and biodiverse city which is flood and climate resilient, has good air quality and accessible opportunities for recreation and exercise. The G&BI Strategy was developed and adopted in 2015 to ensure that the city maximised opportunities to enhance its green and blue assets.
- 1.2 The G&BI Strategy is accompanied by a Stakeholder Implementation Plan. It was prepared and is jointly owned by the City Council and MACF Steering Group on behalf of the wider city. At the time that both documents were approved it was agreed that an annual progress report on the delivery of the Strategy through the associated Stakeholder Implementation Plan would be provided to this committee. The last progress report was taken to Scrutiny in January 2017. At that time a refreshed Tree Action Plan was also approved by Executive and it was agreed that progress on this should be included in the wider progress report on green and blue related activity. This combined report provides the update on progress since January 2017.

## **2.0 Background**

- 2.1 The G&BI Strategy together with the Stakeholder Implementation Plan are key mechanisms to engage stakeholders and ensure that the high level and specific aims of Our Manchester are delivered. They provide a framework to support the care of our green and blue assets with involvement from both the council and the wider community of partners; a collaborative approach which is at the heart of Our Manchester. The Stakeholder Implementation Plan is a live document which drives progress towards the objectives of the G&BI Strategy and the actions listed are not exhaustive. This approach provides the flexibility to respond to opportunities as they arise, maximising resources available to allow focus to be given to projects that will have the greatest impact.

## **3.0 Key Links between the G&BI Strategy and Our Manchester**

- 3.1 The vision of "Our Manchester" will be delivered over the next ten years through 64 identified actions or "we wills", fifteen of which are set out as high level aims. The Our Manchester high level aims specifically relevant to the G&BI Strategy are for Manchester to
- Be known for high life-quality, better green spaces and world class sport, leisure and culture; and,
  - Be a beacon for sustainable design
- 3.2 The Our Manchester "we wills" that are of particular relevance are to

- Improve the quality of parks, green spaces, rivers and canals and incorporate more into new developments where appropriate
- Radically improve health outcomes and support people to make healthier choices;
- Encourage walking, cycling and public transport and continue to invest in the infrastructure this requires;
- Improve the resource efficiency, carbon and environmental performance of all businesses; and,
- Ensure communities are protected from a changing climate.

3.3 Some of these actions are self-evidently at the heart of the G&BI Strategy, such as improving the quality of parks, rivers and canals. Others, although less directly linked, are nonetheless delivered at least in part by the projects set out in the G&BI Implementation Plan. There is clear evidence, for example, to show that high quality and well-functioning parks, green and blue spaces can have a major impact on other aims of Our Manchester such as increasing a strong sense of citizenship and pride in the city, increasing productivity for the benefit of the city and the UK, supporting the positive and active contribution of older people to city life and their communities.

3.4 In order to provide a clearer link with the delivery of Our Manchester, the Implementation Plan appended to this report now also identifies which of the Our Manchester high level aims and “we wills” are being delivered through the actions around green and blue infrastructure.

#### **4.0 The Green & Blue Infrastructure Strategy and Implementation Plan**

4.1 The Strategy contains an overarching vision for the future of Manchester’s green spaces and waterways:

*By 2025 high quality, well maintained green and blue spaces will be an integral part of all neighbourhoods. The city’s communities will be living healthy, fulfilled lives, enjoying access to parks and greenspaces and safe green routes for walking, cycling and exercise throughout the city. Green and blue infrastructure will be supporting Manchester’s growth. Businesses will be investing in areas with a high environmental quality and attractive surroundings, enjoying access to a healthy, talented workforce. New funding models will be in place, ensuring progress achieved by 2025 can be sustained and provide the platform for ongoing investment in the years to follow.*

4.2 The delivery of the strategy will mean;

- Our river valleys are well managed, accessible and safe – providing a key recreational resource to residents.
- Our canal network is rejuvenated as a key asset for the city centre and beyond.
- Our parks and green spaces are attractive and accessible to residents.
- Our networks of smaller scale urban green connect more residents with urban nature and provide corridors and stepping stones for biodiversity

- Our green spaces, both permanent and temporary, work harder, providing multiple social, economic and environmental benefits to the city.
- Our growth is supported by green and blue infrastructure, as a key part of creating attractive, successful neighbourhoods.

4.3 The Strategy and Stakeholder Implementation Plan are based around the following four objectives.

1. Improving the quality and function of green and blue Infrastructure to maximise the benefits it delivers,
2. Using appropriate green and blue infrastructure as a key component of new developments to help create successful neighbourhoods and support the city's growth,
3. Improving connectivity and accessibility to green and blue infrastructure within the city and beyond,
4. Improving and promoting a wider understanding and awareness of the benefits that green and blue infrastructure provides to residents, the economy and the local environment.

4.4 Under each objective is a series of Headline Actions with associated projects and activities which are being delivered or investigated by the council and external stakeholders as part of the Implementation Plan. The progress that has been made against the actions in the Implementation Plan by all the stakeholders is set out in the Appendix. The following sections of the report summarise the key progress towards these objectives by the council and external stakeholders.

## **5.0 Link with the Tree Action Plan**

5.1 Whilst trees are only one component part of green infrastructure, they play a significant role in maintaining and improving the quality and functionality of GI within an urban area; reducing surface water run-off, improving air quality, creating a sense of place, encouraging biodiversity. The G&BI Strategy identifies effective and appropriate tree and woodland management and planting as a headline action under Objective 1. A further headline action was to refresh the Tree Action Plan. This was completed and approved by Executive in January 2017.

5.2 Within the context of the wider G&BI Strategy, the vision for trees as described in the Tree Action Plan is to:

“Secure a long-term future for our trees and woodlands for generations to come, providing the right management and strong protection, ensuring their positive contribution to a growing, world class City, recognised for its dynamic and sustainable economy and high quality of life.”

5.3 The Tree Action Plan itself captures the activity on the city's tree stock under the four themes of:

1. Managing sustainably;
2. Planting appropriately;
3. Protecting strongly, and
4. Involving creatively.

Project highlights are summarised within this report with more specific details included in the Appendix at the end.

## **6.0 Delivery of the G&BI Stakeholder Implementation Plan and Tree Action Plan**

6.1 The ethos behind the delivery of the G&BI Stakeholder Implementation Plan, together with the Tree Action Plan, reflects the strength-based and collaborative approach that sits at the heart of Our Manchester. The council has an essential and active role to play in setting the agenda, bringing partners together and supporting and facilitating activity across the range of stakeholders. It continues to have a key role regarding the city's parks, public realm and street trees, and in negotiating developments, but external partners have a significant role to play in delivering and managing many green and blue assets across the City. Many of the projects listed are being undertaken by a range of agencies including public, private and academic organisations, as well as wide scale activity by community and voluntary groups.

## **7.0 Working in Partnership**

7.1 The stakeholder group which partnered with the council to produce the G&BI Strategy and Implementation Plan was until recently known as the MACF GI Sub group. It was one of the groups which facilitated action on the GI strand of the City's first climate change strategy "Manchester: A Certain Future". In December 2016 the new Manchester Climate Change Strategy 2017-50 was launched. Consequently the MACF GI sub group has become known as the Manchester G&BI Group. It continues to meet on a regular basis and to have as its membership the same external organisations as before. It continues to provide both a forum for sharing best practice and a catalyst for encouraging new partnerships for delivering action in line with the objectives of the G&BI Strategy.

7.2 The independent Manchester G&BI Group is made up of a range of experienced practitioners and stakeholder organisations, including officers from the Council, Oxford Rd Corridor (Corridor Manchester), Manchester Climate Change Agency, New Economy and Registered Housing Providers, statutory bodies such as the Environment Agency and Natural England, environmental charities like Groundwork, City of Trees, the National Trust, Wildlife Trust and RSPB, and academics from the University of Manchester (UoM), Manchester Museum and Manchester Metropolitan University (MMU).

7.3 The G&BI Strategy is used pro-actively by the members of the Manchester G&BI Group who work collaboratively to progress ideas from the headline actions into funding bids. The Strategy assists in demonstrating strategic connectivity and relevance of individual projects. This approach continues to yield results. The Wildlife Trust have built on the success of their Forest School and volunteer programme in North Manchester, attracting further funding to extend the programme through 2017. Similarly, the RSPB have extended their schools and outreach programme in South Manchester in 2017, and Groundwork have successfully developed Forest Schools provision

through “Connecting Collyhurst” in North Manchester. The group are also working in partnership to develop a project that maps environmental activity across the City and Greater Manchester called MEMO (Manchester’s Environment Mapped Online ), outlined further in paragraph 8.4 below).

- 7.4 Since its inception, the group have also independently provided showcase seminars which support key priorities of the G&BI Strategy and help to inspire and provide training on a wide range of G&BI issues. In September 2017, City of Trees hosted an event, “Inspiring Integration: The key role of Green Infrastructure (GI) in the development process” aimed at developers, landscape architects, planners, engineers and those working in the fields of social housing and regeneration. Similarly, the Manchester G&BI Group has also supported training and awareness raising, including a trees and planning workshop for 21 MCC planners and an Ecosystem Services Workshop with 19 officers attending. The group also supported and promoted the delivery of the Chartered Institution of Water and Environment Management river restoration Conference in April 2017 and the International Association of Landscape Ecology UK Conference in June 2017.

## **8.0 Key Delivery Highlights**

- 8.1 Progress on the full range of actions in the G&BI Stakeholder Implementation Plan and Tree Action Plan is set out in the appendix but the key highlights during 2017 have been the following.

- 8.2 Major capital investment programme in Parks** - The Parks Investment Programme (£20.5m) will focus on three key objectives: specifically the development of the Hall, Stables and Lake Hubs at Heaton Park, the development of Wythenshawe Park including restoration of the Hall, along with broader improvements to the quality of the community and local parks, greenspaces and allotments across Manchester. (Need to check this wording with Neil)

- 8.3 Grow Green – update (Nature based solutions via Horizon 2020 EU funding strand)** - The Grow Green Project was officially launched in June 2017. This is a €10 million international project aimed at developing climate resilience demonstrator projects at a neighbourhood level across a number of European Cities. Manchester will be coordinating the whole project over the next five years, and a project team has been established. The City will benefit from over £1million of investment in West Gorton which will look to provide innovative G&BI interventions that will increase flood resilience.

- 8.4 Manchester Environmental Mapping Online (MEMO)** -This project, due for completion in December 2017, is being led and funded by the University of Manchester and supported by the Greater Manchester Natural Capital Group. It aims to develop an online mapping platform to share information on the location, benefits and public values of G&BI projects in Greater Manchester (GM), to facilitate strategic planning:

- To inform stakeholders about existing G&BI projects, the characteristics/benefits provided by successful schemes and identify gaps in G&BI provision;
- To create a platform for the exchange of information between stakeholders and citizens about G&BI projects;
- To increase understanding about the perceptions and opinions of GM citizens of G&BI provision within the city-region;
- To develop a rich dataset of G&BI projects and public perceptions that can be shared with other environmental stakeholders.

**8.5 Hulme – Ecosystem Services Mapping Project** - This specialist project is looking to provide a better understanding of Hulme’s landscape and green space functionality by undertaking a detailed natural capital benefits assessment and needs mapping for the Hulme Ward. This will incorporate refined and improved G&BI/Sustainable drainage system (SuDS) opportunity mapping methods. This evidence has begun to be used to create a G&BI Evidence Review for Hulme, facilitate a number of stakeholder/community workshops and to create an online interactive resource to present the evidence.

**8.6 Green Connections Project** – This project is led by the City of Trees Team and is funded by the Oglesby Charitable Trust. It helps to realise headline actions within Objective 3 of the GI Strategy – improved access and connectivity.

The first phase of the Green Connections project took place this summer and sought to investigate and map the significant greenspaces across Greater Manchester and the physical routes between them with a particular emphasis placed on how the increasing numbers of people living in GM’s city and town centres can access local greenspaces by foot and bike. The second phase of the project, October 2017 – October 2018, will focus on working with partners, such as Transport for Greater Manchester and the Local Authorities, to develop a joint vision and way of working to utilise and improve green connectivity, in order to link and promote green spaces, including woodlands, encourage active travel, and address maintenance needs of green routes using the Citizen Forester practical volunteering model. A key focus of the work in Manchester will seek to re-animate and promote the Green Corridor walking project, a collection of 14 interlinked routes across the City.

## **9.0 Council Actions**

9.1 Ward members and council officers and are involved with many of the actions needed to deliver the G&BI Strategy. Ward members are often best placed to know their local community groups and understand their communities’ needs and opportunities. Case studies on successful projects have been developed and will be available through the council website, so that members can be involved in supporting the spread of best practice and helping to encourage successful projects to be replicated across the city. Information has also been circulated via ward coordination about local initiatives relating to G&BI and tree planting. Further information will be circulated via ward coordination to ensure that members are kept up to date about local opportunities which they can



encourage local groups to be involved with, such as community orchards and the MEMO project referred to in paragraph 8.4 above.

- 9.2 Progress against the Council actions is steered within the council by the G&BI Board which is chaired by the Strategic Director, Development and attended by relevant Heads of Service. This provides an opportunity to focus on the strategy objectives and add value to the way G&BI is delivered across the city.
- 9.3 The first of the four objectives of the Strategy is to improve the quality and functionality of G&BI across the city. Since January 2017 projects have included:
- Natural Course: evidence gathering to support activity across the Irwell catchment by specialist consultants, steered by officers from City Policy and Growth & Neighbourhoods. This is part of a ten year project for work across the whole of the North West river basin catchment.
  - Completion of citywide Clean City projects including Brookdale Park Dells, and Bridgewater Basin and Rochdale Canal floating ecosystems
  - 2961 trees have been planted, including 6 orchards and 832 hedge trees, through development schemes, in parks and along highways and through partnership organisations such as City of Trees, exceeding the target for tree planting.
  - City Centre opportunity mapping for new and replacement trees has been undertaken by City of Trees, in discussion with the council
  - 200 metres of boardwalk and access improvements has been completed at Stenner Woods, Didsbury
- 9.4 The Strategy and Implementation Plan's second objective is to ensure that green and blue infrastructure is well integrated within new development. This needs to happen at both the detailed planning application level as well as the master planning and strategic framework level.
- **Manchester Residential Design Quality Guidance** – This document has been and is key to delivering this objective. This guidance sets out considerations for high quality residential development within sustainable neighbourhoods which developers will need to satisfy or exceed and a chapter is dedicated to the need to “Make it (development) work with the landscape” This confirms the importance of the city's green and blue infrastructure and sets out key actions which developers must consider which link strongly to the objectives of the G&BI Strategy. These are
    1. Incorporate landscape –
    2. Interact with the City's waterways
    3. Protect and enhance biodiversity
    4. Introduce street trees
    5. Appreciate the microclimate, and
    6. Incorporate sustainable urban drainage

The Residential Design Quality Guidance (RDQG) has been approved as interim planning guidance within the context of the Core Strategy (Manchester Local Plan). The Local Plan is to be reviewed and the RDQG will be reflected in the new Local Plan and so become part of the statutory

planning policy, further demonstrating the council's commitment to this area of work.

- Negotiations at planning application level are taking place to retain and/or enhance GI. One such example is the recent approval for 105 residential units at 95 Princess Rd. In this scheme the loss of 16 trees is being compensated for by the planting of 77 new trees. The scheme includes a roof garden and an increased landscape setting. The developers will need to discharge the planning conditions prior to development which will involve agreement of appropriate native tree species.
- At Strategic Framework level, consideration of G&BI assets and enhancement is taking place at an earlier stage, for example, in discussions about Northern Gateway and in the development of the Eastlands Regeneration Framework, where G&BI is seen as a vital driver of positive neighbourhood regeneration. A number of planning frameworks across the city have also recently been approved or endorsed for consultation such as at Chorlton. These local planning frameworks are vital in ensuring that the wider strategic ambitions for G&B infrastructure are delivered. They create a vision for the development which incorporates the local natural assets and demonstrate how proposed development will need to incorporate tree planting, SuDS, as well as links through the site and beyond to nearby areas of green space. The Frameworks, when agreed, will ensure the positive integration and improvement of the natural environment and G&BI assets, including the River Irk, River Medlock and canal network, maximising the potential of Manchester as a place to live and capitalising on the legacy of regeneration that has taken place.

- 9.5 The third overall objective of the G&BI Strategy is to improve accessibility to green space within and beyond Manchester. Improvements to the transport network are helping towards achieving better accessibility across the city and out from the city centre, creating better links with the city's existing parks and open spaces. The multi-million pound cross city bus package has now been completed, allowing cross-city bus services to run through the heart of the city, making access between north and south Manchester easier and more reliable and widening access to the city's destination parks such as Heaton and Wythenshawe Park.

More locally, as part of "Connecting Collyhurst", the Groundwork Trust helped develop and deliver 5 walking routes including fitness trails and a safe route to schools which were launched in July 2017. The Tale of Two Cities, England's flagship Wildflower project reached its climax in July 2017, celebrating the creation of large scale wildflower landscapes in both Manchester and Liverpool. The project has created biodiversity linkages, important for pollinators including bees, as well as connecting communities and developing cultural links between both cities.

- 9.6 The fourth objective is to promote a wider understanding of the benefits that G&BI bring to residents, the economy and the local environment.

Key G&BI research, as identified in previous reports, continues to be developed. Projects include:

- My Back Yard – Assessing the contribution of domestic gardens to urban ecosystem services, led by MMU in collaboration with University of Leicester, Lancashire Wildlife Trust, Southway Housing Trust, City of Trees and the City Council. This project has provided a novel “citizen science” approach to collecting and interpreting data about domestic gardens in order to co-develop an action plan with project partners to prioritise greening solutions within and beyond domestic gardens. Over 1000 people took part in surveys citywide and the report on findings is being published in February 2018.
- **Green infrastructure and the Health and wellbeing Influences on an Ageing population (GHIA)**, led by UoM. - To support this project, the University of Manchester has successfully bid for a three year post graduate PhD project starting in October 2017. This focussed research will look at how physical G&BI changes affect usage, behaviours and well-being. The research will be undertaken in collaboration with the council (Policy Partnership and Research and Public Health Manchester) to ensure that the research has a practical as well as academic output.

9.7 The Manchester Biodiversity Action Plan will also be refreshed in 2018. A new, partnership approach is being considered which involves funding being sought by an external partner who will work together with the council, facilitating engagement with stakeholders across this area of interest. The aim is for a strategy and implementation plan to be prepared with increased stakeholder ownership and buy-in supporting the Our Manchester approach to strategy development.

## **10.0 Locally focussed examples, putting Our Manchester at the heart of G&BI**

**10.1 “Tree Musketeers”** - The “Tree Musketeers” is a volunteer programme and conservation society managed by the University of Manchester and student co-ordinators. The aim is to get enthusiastic planning and environmental management students practically engaged and volunteering, providing hands-on experience in a range of potential career fields. “Tree Musketeers” have over 40 registered members who are studying a variety of subjects. Almost fortnightly events gather on average 11 keen volunteers. The “Tree Musketeers” have helped to improve numerous sites across Manchester, and have had one project nominated at the 2017 North West In Bloom Community Awards. The group coordinator’s continued efforts with the “Tree Musketeers” saw them receive the University’s Outstanding Contribution to Environmental Sustainability’ award in 2016.

**10.2 Bridgewater Basin Floating Ecosystems** -This innovative council funded Clean City project was completed in August 2017, with over 70 volunteers, including council staff, involved in planting the floating islands and surrounding marginal installations. The islands improve the quality and function of the previously underused water body, improving the water quality and visual amenity interest as well as providing biodiversity value. The project was delivered by the council in partnership with a range of organisations, including the Friends of Rochdale 9 volunteer group, Building Design Partnership and

the Bridgewater Hall. The concept has been rolled out on to the Rochdale Canal around Canal Street, with further independent interventions planned,

**10.3 Heroes Wood** - Heroes Wood is a community-focussed tree planting project, in Debdale Park, Gorton, developed collaboratively by City of Trees. The project creates a wooded space to commemorate the loss of life in global conflicts past, present and future. City of Trees used the crowdfunding website, SpaceHive, to raise the £50,000 towards the campaign. 100 prominent trees form the focal point of the project, of which 19 mature English Oak trees were planted in late 2017 with help from a group of dedicated, local volunteers and students from nearby schools. Heroes' wood includes an inscribed seating area, which is designed to provide a space for quiet reflection and contemplation within the woodland. The project is one of many national commemorative events taking place between 2014-2018, marking 100 years since the beginning of the First World War the project is a demonstration of how green infrastructure can be used imaginatively, sensitively and boldly to link people and places to significant events.

**10.4 Manchester Museum – G&BI Engagement on a Global Scale** - The tremendous potential for museums and cities to collaborate to support people's interest and action around the natural environment is recognised and acknowledged by Manchester Museum – the first carbon literate museum in the world. The museum continues to play an active role in local projects, and will have a key role in delivering the West Gorton Grow Green project.

In terms of wider G&BI promotion, Manchester Museum has been at the forefront of numerous national and international collaborations, which help promote Manchester's natural environment to a global audience:

- United Nations Framework Convention for Climate Change - Conference on Climate Change Empowerment in May 2017
- International Congress for the History of Science and Technology Rio, Brazil in July 2017
- Hosted the International Conference on Climate Change Communication with 110 participants from 25 countries, across 6 continents
- Will be attending the Science Centre World Summit in Tokyo in November 2017.

## **11.0 Conclusion**

11.1 Improvement and promotion of green and blue infrastructure is recognised as a vital component of the Our Manchester Strategy which seeks to promote Manchester as a city known for its high quality of life. This aim requires collaboration across both the council and the many external delivery partners; from large national bodies to individuals and small "Friends of" Groups. Much progress continues to be made on improving green and blue infrastructure across the city. Many of the actions listed in the Implementation Plan have been taken forward, with successful projects ranging in scale from small projects such as a community orchard to multi-million pound landscape scale initiatives with Grow Green, from local community focussed actions with the

“Tree Musketeers”, to outward facing actions aimed at promoting Manchester’s position on a global scale, such as the Eastlands Framework and work at the Manchester Museum. There are many actions taking place across the city that are not recorded within the Implementation Plan but that are nonetheless adding value to the neighbourhood in which they are located. Collaborative projects such as “MEMO” will provide greater opportunities for all stakeholders whether individuals or large organisations to put the work that’s being achieved in improving the city’s green and blue assets on the map. What is demonstrated, by the range of both recorded activity and the delivery partners, is that the ongoing collaborative work which brings together ideas, resources and expertise, will continue to be crucial to the success of the Strategy and Implementation Plan.

## **12.0 Recommendations**

12.1 Recommendations appear at the front of the report.

**Manchester Tree Action Plan 2016-20 - Progress Update December 2017**

**Objective 1 – Managing Sustainably**

	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	Progress
1	<b>Map and monitor changes in the amount and distribution of trees across the city</b>	Refine datasets of tree and woodland cover  Refresh Manchester Tree Audit	Universities, CoT  GM partners, CoT, FC	2017-20  2017-20	Working with CoT and GM partners on feasibility of an itrees eco survey for all districts, which would refine the tree audit
2	<b>Develop a fuller understanding of the City's tree resource</b>	Develop MCC tree management system  Deliver annual highway tree inspection programme  Investigate online mapping tool of planned tree works in the City  Encourage network of data gathering and information sharing e.g. University access to canopy data for research  Investigate opportunities for valuing Manchester tree stock including: <ul style="list-style-type: none"> <li>The development of an ecosystem services valuation of treescape</li> </ul>	MCC  MCC  MCC, Universities  MCC, CoT, FC, Universities  Universities, CoT	2016  2016-20  2017-19  2016-20  2017 -20	Complete  Ongoing  2017 UoM Tree Trail launched  Utilised tree audit for Hulme and Medlock ESS work, UoM tree trail , my Back Yard, Ghia  UoM undertaking campus itrees eco survey  CoT investigating GM wide opportunities for treescape valuation
3	<b>Ensure continued and sustainable management of all trees and woodland and best practice approaches employed</b>	Develop, agree and embed principles of tree management in Manchester  Develop tree and woodland management plans for MCC parks and greenspaces, which include: <ul style="list-style-type: none"> <li>No waste timber going to landfill</li> <li>Consideration of sustainable uses of woodland by-products</li> </ul> Develop tree focussed opportunity mapping for : <ul style="list-style-type: none"> <li>Parks and open spaces</li> </ul>	MCC  MCC, CoT, GMEU, CGs  MCC CoT	2016-18  2016-20  2016-20	Ongoing - Draft principles of tree management for Manchester have been developed and are being refined.  Ongoing - Park Strategy approved with a commitment to develop site specific management plans. Tree Management Plans in place for Heaton Park, Alexandra park, Nan Nook Wood, Wythenshawe  Opportunity map being developed for Southern Cemetery and City

	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	Progress
		<ul style="list-style-type: none"> <li>• City centre</li> <li>• Neighbourhoods</li> </ul> <p>Encourage the development of tree and woodland management plans by all landowners and managers of trees in Manchester</p> <p>Develop tree management good practice case studies as part of MACF GI Group</p>	<p>RPs, Universities, Network Rail, other landowners</p> <p>Mcr GI Group</p>	<p>2016 – 20</p> <p>2016-2020</p>	<p>Centre</p> <p>UoM Living Campus Project approved RHPs developing independent tree mgt policies and plans</p> <p>Case Studies developed including Southways Tree Management, Stevenson Square</p>
4	<b>Ensure green and blue infrastructure (including trees and tree management) are considered as part of major new developments and retrofits, policy and strategy reviews where appropriate.</b>	<p>Major development projects to include:</p> <ul style="list-style-type: none"> <li>• Transport infrastructure changes</li> <li>• Eastern Gateway</li> <li>• Northern Gateway</li> </ul> <p>Local Plan Review, Park Strategy</p>	<p>MCC, TfGM, Developers</p> <p>MCC</p>	<p>2016-2020</p> <p>2016-2019</p>	<p>Ongoing. First stakeholder engagement undertaken on Northern Gateway</p> <p>Park Strategy approved 2017.</p> <p>Residential Quality Design Guide 2017 approved</p>
5	<b>Develop climate resilient approaches to tree and woodland management</b>	<p>Encourage use of trees within broader climate resilient adaptive plans e.g. Sustainable Urban Drainage projects, public realm improvements</p> <p>Develop Ash Dieback Strategy in partnership with Natural Capital Group</p> <p>Encourage diversity of tree stock e.g. appropriately diverse species and age ranges to help increase resilience to pests and disease</p>	<p>GM CoT, MCC RPs</p> <p>GM, CoT, MCC, FC, MCC, CoT</p>	<p>2016-20</p> <p>2016-20</p> <p>2016-20</p>	<p>Ongoing. Potential SuDS project at Mayfield Development</p> <p>Ongoing. National Forestry Commission monitoring underway.</p> <p>Ongoing.</p>
6	<b>Develop partnership projects that sensitively improve the functionality of the treescape</b>	<p>Develop appropriate projects to deliver the City of Trees vision in Manchester including:</p> <ul style="list-style-type: none"> <li>• Heritage Trees</li> </ul>	<p>CoT</p>	<p>2016-20</p>	<p>No. of trees planted: 1557</p> <p>No. of participants at events including seminars etc. : 298</p> <p>No. of volunteers: 176</p> <p>No. of volunteer hours: 569</p> <p>No of school children engaged: 588</p>

	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	Progress
		<ul style="list-style-type: none"> <li>Forest Schools</li> </ul>	LWT, MBP, MVP, GW,	2016-20	Forest Schools activity city wide being undertaken by groups including Groundwork in Collyhurst, Lancs Wildlife trust in Moston, Paupers Wood project in Old Moat, along with independent forest school use in the Mersey Valley and at Highfield Country park
		<ul style="list-style-type: none"> <li>Community Orchard planting and management</li> </ul>	CoT, OP	2016-20	6 community orchards planted OP activity in Collyhurst, Withington Fallowfield and Didsbury, including Birchfields Park Forest Garden

## Objective 2 – Planting Appropriately

	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	Progress
1	<b>Ensure continued healthy and diverse tree canopy cover across the City</b>	<p>Sustain tree and woodland canopy cover of 20% average to 2025</p> <p>Deliver suitable and sustainable tree planting projects which support biodiversity, in line with the G&amp;BI Strategy, tree audit baseline, park strategy and neighbourhood place plans, including:</p> <ul style="list-style-type: none"> <li>- One for one tree replacement for highways trees</li> <li>- Delivery of tree replacement policies across city</li> <li>- 150 Highways Tree planted annually (combination of new and replacement)</li> <li>- 1000 hedgerow trees planted annually</li> <li>- 1500 trees planted annually</li> </ul> <p>Develop Beacon/Heritage Trees Mapping project</p>	<p>MCC, RVIs, RPs, CoT, Woodland Trust LWT</p> <p>MCC TfGM, MCC MCC</p> <p>MCC CoT RPs MCC CoT RPs MCC CoT</p>	2016-20	<p>2016/17</p> <p>2961 trees planted, including 6 orchards and 832 hedge trees</p>



	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	Progress
2	<b>Continued planting of community orchards in suitable locations</b>	Planting of at least 4 new community orchards annually  Mapping of Community orchard locations  Encourage cropping, harvesting , distribution and usage of food provided	RFW, CoT, RPs, MCC, OP, CGs  MCC OP CoT  OP CoT RFW CGs	2016-20  2017-18  2016-20	2016/17 6 Orchards planted  Ongoing  Collaboration with OP
3	<b>Investigate mechanisms for funding new tree planting, management, and maintenance</b>	Support the delivery of the City of Trees Vision for Greater Manchester by: <ul style="list-style-type: none"> <li>• Active involvement in the GM Forest Partnership (GMFP)</li> <li>• Working collaboratively to develop sustainable tree planting and management project ideas through, for example, <ul style="list-style-type: none"> <li>• MCC Parks and greenspaces opportunity mapping programme and tree sponsorship opportunities</li> <li>• Investigating commercial opportunities for trees and woodlands</li> <li>• Neighbourhood tree planting opportunities</li> </ul> </li> </ul>	MCC MCR GI Group CGs	2016-20	Two GMFP Meetings held in 2017  Heroes Wood memorial woodland planting at Debdale park in Nov 2017
4	<b>Develop a climate resilient approach to tree planting</b>	Utilise a mixture of native and non native planting projects to ensure resilience against pests and diseases  Reduce risk of tree pests and disease by ensuring all new trees planted are from registered and approved sources  Promote SUDS Friendly demonstrators eg Gorton Grow Green	MCC, MCR GI Group, CoT, CGs  MCC, CoT  CoT, MCC RPs	2016-20  2016-20  2016-20	Ongoing. Southern Cemetery Urban Arboretum concept being developed utilising native and non-native stock Planning stage

**Objective 3 – Protecting Strongly**

	<b>Headline Action</b>	<b>Potential projects/activities</b>	<b>Delivery Agencies</b>	<b>Timescales</b>	<b>Progress</b>
	<b>Investigate effective tree replacement and compensation measures</b>	Develop and agree appropriate compensation measure for tree loss and replacement in Manchester	MCC, CoT	2018-19	Ongoing. Training provided to 21 planners outlining effective compensation tools eg Cavat tree value assessment.  Establishment of Residential Quality Design Guide including minimum 2:1 tree replacement
	<b>Ensure trees of high value are designated as Tree Preservation Orders (TPOs)</b>	Continue to designate new TPOs as appropriate Enforce as appropriate against unauthorised works to trees protected by tree preservation orders or within conservation areas	MCC  MCC	2016-20  2016-20	Ongoing  Ongoing
		Promotion of the Tree Preservation Order process via neighbourhood teams	MCC, CoT, Partners	2016-20	Ongoing
3		<b>Sites of Biological Importance (SBIs): increase the number of SBIs in active management to conserve, protect and enhance biodiversity</b>	Increase the number of sites of biological importance (SBIs) in active conservation management by 1-4% annually, working with landowners and land managers  Provide statistical report to Defra annually	MCC GMEU  MCC	2016 –20  Annual
	<b>Use planning conditions to ensure high standard of tree works, protection and management</b>	Tree officers to provide guidance and advice through the planning process to ensure compliance of tree works against: <ul style="list-style-type: none"> <li>• BS 5837 (the British Standard for Trees in relation to design, demolition and construction)</li> <li>• BS 3998 ( the British Standard for Tree Work)</li> </ul>	MCC, Developers	2016-20	Ongoing
		Investigate the use of City of Trees Forester Volunteer Service to increase the awareness of non compliance with conditions.	MCC, CoT	2016-18	Ongoing

**Objective 4 – Involving Creatively**

	<b>Headline Action</b>	<b>Potential projects/activities</b>	<b>Delivery Agencies</b>	<b>Timescales</b>	<b>progress</b>
1.	<b>Further develop research into the benefits of trees</b>	Local universities, MACF and MCC to establish an ongoing programme of collaborative GI research including trees, initially for 2016-20, to measure the impact of GI across the range of social, economic and environmental benefits set out in the Strategy. To include: <ul style="list-style-type: none"> <li>• Creating ‘ecosystems@Manchester’ multi-disciplinary research network at the University of Manchester</li> <li>• Nerc Gardens and Ecosystem Services project</li> <li>• Nerc GHIA project</li> <li>• Nerc Green Growth</li> </ul> Update GI Evidence base with tree and woodland related research	Universities, MCC, MCR GI Group MCCA  UoM  MMU UoM UoM  CoT, MCC Universities	2016  2016-18 2016-18 2016 -18  2016-20	Ongoing.  UoM itrees Eco tree value work being undertaken My Back Yard garden survey being finalised.  67 tree related research items added to GI Evidence database
2.	<b>Encourage and record the delivery of community led and focussed tree projects and food growing</b>	Projects to include: <ul style="list-style-type: none"> <li>• Real Food Wythenshawe</li> <li>• Heritage trees</li> <li>• Green Connections</li> <li>• Wythenshawe Woodlands</li> <li>• Orchard management</li> </ul>	RFW, CGs CoT, CGs CoT, CGs CoT, CGs OP,CGs	2016-20 2016-17 2017-18 2017-18 2016-19	Ongoing Ongoing New officer appointed looking at developing accessible routes across the City 3 x pilot woodland management areas to be developed - funded by HLF
3.	<b>Raise the awareness of the benefits of trees</b>	Establish social media platforms for ongoing promotion of tree related information  Ward councillors and local communities to include tree activity in ward plans as appropriate,	Ward Cllrs, MCR GI Group, CGs, MCC, OP, MCCA	2016-20	CoT, Woodland Trust Websites  Trees Update provided via ward newsletter
4	<b>Provide opportunities for community engagement, involvement and activity</b>	Support for and delivery of tree related activity, training and capacity building: Related volunteer opportunities to include: <ul style="list-style-type: none"> <li>• “Friends of” group events and activities</li> <li>• Development of CoT Citizen Forester Volunteer Scheme</li> <li>• River Valley Initiative volunteer and engagement opportunities</li> </ul>	MCR GI Group, CGs, MCC, OP, MCCA	2016-20	Ongoing.  Tree Musketeers woodland management in Didsbury, Painswick Park, woodland management via friends of Chorlton Meadows

	Headline Action	Potential projects/activities	Delivery Agencies	Timescales	progress
		<ul style="list-style-type: none"> <li>LWT Moston Fairways Volunteers Scheme</li> </ul> <p>UoM Tree Trails – A ten-year project creating world-class facilities for staff, students and visitors to enjoy as part of University’s Campus masterplan.</p>	UoM	2017 - 2027	Three interactive trails launched that highlight 50 of the 1,500 trees across Oxford Road Campus, North Campus and Whitworth Park.
5.	<b>Showcase local best practice and seek recognition for delivered projects</b>	<p>Apply for national awards wherever appropriate e.g. Britain in Bloom RHS Awards for community greening projects</p> <p>Encourage nomination of Champion trees as part of notable and ancient trees in Britain and Ireland register</p>	MCC MCC	2016-20 2016-20	2017 166 In Bloom Awards Ongoing
6.	<b>Raise the profile of Manchester as an attractive place to live, work and visit with access to high quality GI within and beyond Manchester</b>	<p>Use of the city’s trees and woodlands to attract visitors and create new recreation opportunities, including through:</p> <ul style="list-style-type: none"> <li>Heaton Park Tree Top Trail</li> <li>Heritage Trees project</li> <li>Beacon Trees</li> </ul> <p>Promote the City’s existing parks and green spaces to maximise their usage by local communities, workers and visitors</p>	MCR GI Group, MCC, MCCA, MM, UoM, MCC CoT CoT, MCC  MCC, MCR GI Group, CGs	2016-20  2016-20	Ongoing  Tree Top Trail opened. UoM tree trail launched Heroes Wood planted

## Abbreviations

City of Trees	CoT	<a href="http://www.cityoftrees.org.uk/">http://www.cityoftrees.org.uk/</a>
Community groups	CGs	
Environment Agency	EA	<a href="https://www.gov.uk/government/organisations/environment-agency">https://www.gov.uk/government/organisations/environment-agency</a>
Forestry Commission	FC	<a href="http://www.forestry.gov.uk/">http://www.forestry.gov.uk/</a>
Greater Manchester Ecology Unit	GMEU	<a href="http://www.tameside.gov.uk/ecologyunit">http://www.tameside.gov.uk/ecologyunit</a>
Groundwork	GW	<a href="http://www.groundwork.org.uk/">http://www.groundwork.org.uk/</a>
The Wildlife Trust For Lancashire, Manchester and North Merseyside	LWT	<a href="http://www.lancswt.org.uk/">http://www.lancswt.org.uk/</a>
Manchester – Green and Blue Group	MCR GI Group	<a href="http://macf.ontheplatform.org.uk/">http://macf.ontheplatform.org.uk/</a>
Manchester Climate Change Agency	MCCA	<a href="http://macf.ontheplatform.org.uk/">http://macf.ontheplatform.org.uk/</a>
Manchester City Council	MCC	<a href="http://www.manchester.gov.uk/">http://www.manchester.gov.uk/</a>
Manchester Garden City	MGC	<a href="http://cityco.com/project/manchester-garden-city/">http://cityco.com/project/manchester-garden-city/</a>
Manchester Metropolitan University	MMU	<a href="http://www2.mmu.ac.uk/">http://www2.mmu.ac.uk/</a>
Manchester Museum	MM	<a href="http://www.museum.manchester.ac.uk/">http://www.museum.manchester.ac.uk/</a>
Natural England	NE	<a href="https://www.gov.uk/government/organisations/natural-england/about">https://www.gov.uk/government/organisations/natural-england/about</a>
The Orchard Project	OP	<a href="https://www.theorchardproject.org.uk/">https://www.theorchardproject.org.uk/</a>
Real Food Wythenshawe	RFW	<a href="http://www.realfoodwythenshawe.com/">http://www.realfoodwythenshawe.com/</a>
Registered Providers (Formerly Registered Housing Providers)	RP	
River Valley Initiatives:	RVI	<a href="http://www.manchester.gov.uk/info/500194/irk_river_valley_project/4753/irk_valley">http://www.manchester.gov.uk/info/500194/irk_river_valley_project/4753/irk_valley</a>
Irk Valley Project		
Medlock Valley Project		<a href="http://www.medlockvalley.org.uk/MedlockValley/">http://www.medlockvalley.org.uk/MedlockValley/</a>
Moston Brook Partnership		<a href="http://oldham.gov.uk/info/200393/parks_countryside_and_canals/699/moston_brook_green_corridor/2">http://oldham.gov.uk/info/200393/parks_countryside_and_canals/699/moston_brook_green_corridor/2</a>
Mersey Valley Partnership		
Transport for Greater Manchester	TfGM	<a href="http://www.tfgm.com/Pages/default.aspx">http://www.tfgm.com/Pages/default.aspx</a>
Tree and Design Action Group	TDAG	<a href="http://www.tdag.org.uk/">http://www.tdag.org.uk/</a>
University of Manchester	UoM	<a href="http://www.manchester.ac.uk/">http://www.manchester.ac.uk/</a>
University of Salford	UoS	<a href="http://www.salford.ac.uk/">http://www.salford.ac.uk/</a>
The Woodland Trust	WT	<a href="https://www.woodlandtrust.org.uk/">https://www.woodlandtrust.org.uk/</a>

**Objective 1: Improve the quality and function of green and blue Infrastructure to maximise the benefits it delivers.**

Owner: Fiona Worrall, Neil Fairlamb

**Our Manchester links: A7 - Collectively improve our health and wellbeing and be more active as adults and children**

**A11 - Be known for high life-quality, better green spaces and world-class sport,leisure and culture.**

**LL5 - Improve the quality of parks, green spaces and waterways, and incorporate more into new developments.**

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
River valleys and canals: continue to invest in the river valleys and canals to provide attractive settings for residential communities, leisure and recreation, health, and biodiversity benefits		EU Water Framework Directive in Manchester: deliver a programme of citywide river and canal projects to improve water quality, reduce flood risk and improve biodiversity. To include: - Delivery of the Manchester elements of the €20million Environment Agency Northwest River Basin Management Plan LIFE project- The Natural Course	MCC, EA	N/E	2015-20	Ongoing. 12 mill euro funding secured over proposed 10 year timescale. Sept 2017 Evidence base being developed, including: Irwell evidence and measures natural flood risk modelling, GI for Water Resilience, Irwell Catchment Ecology project. December: Medlock Ecosystem services Appraisal being undertaken
		Medlock Valley Project and Medlock Restoration Project: to improve access to the river valley, water quality, biodiversity and use by local people. To include: - Development of Strategy for lower Medlock and ongoing restoration options	GW, MCC, EA	C/CC	2015-20 2015-18	Ongoing. development opportunities around Mayfield, One circle square and Gt Jackson St have been identified. Aug 2017 - first phase consultation Eastlands Framework
		Irk Valley Project: to improve access to the river valley, water quality, biodiversity and use by local people. To include:	GW, MCC, EA	N/C/CC	2015-20	(See below)
		Partnership project to improve riverine habitat with Salford Friendly Anglers	GW	N	2015/16	Ongoing. Development plans delivered. Oultine proposal for improvements around Blackley Forest.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
1		<p>Moston Brook Project: to improve access to the river valley, water quality, biodiversity and use by local people. To include:</p> <ul style="list-style-type: none"> <li>- £57,000 United utilities funding to improve habitat, access and community engagement</li> <li>- £93,000 Clean City Funding for access improvements at key gateways</li> </ul>	MCC, OMBC, GW, LWT	N	<p>2015-20</p> <p>2015</p> <p>2015-16</p>	Ongoing, with noted capital works completed
		<p>Mersey Valley Partnership: MCC and RSPB partnership to develop and deliver a new vision and investment plan for the Mersey Valley, to improve access, usage, biodiversity. To include:</p> <ul style="list-style-type: none"> <li>- Development of Strategic vision for Mersey Valley</li> </ul>	MCC, RSPB	South	2015-17	Ongoing. RSPB/MCC developing MV vision Practical activity continues, including £50,000 access improvements in Stenner Woods LNR
		<p>Delivery of the £350,000 Clean Streams Project by Environment Agency and MCC to deliver clean ups, biodiversity enhancement and behaviour change</p>	MCC, EA		2015-17	Ongoing. 4.5km of waterways cleaned up nearly 1000 people engaged. Business Case to be developed by Dec 2017 for Flood Risk projects

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
		The Canals and Rivers Trust to deliver the Manchester and Pennines Waterways Partnership Vision to improve the Ashton and Rochdale Canals within the city and to improve connections to surrounding areas. To include: - Work towards delivering £5 million 'Rochdale Canal improvement and maintenance programme	CRT	N/C/CC	2015-20	Ongoing. Large scale capital works completed, including Access improvements on Ashton Canal and Biomatrix floating ecosystems on Rochdale canal in the city centre. July 2017. Phase 2 Biomatrix work for Bridgewater Basin delivered. December 2017 major clean up/lock works along city centre Rochdale Canal
2	Enhance existing parks to maximise their potential in making Manchester a World Class City	Produce a new Manchester Parks Strategy to set out plans for new investment and park improvements.	MCC	Citywide	2015-16	Completed. Dec 2017 Launched.
		Deliver City wide Clean City environmental improvements	MCC	Citywide	2015-17	Largescale varied programme of quality and functional environmental improvements.
		£20 Million Capital programme of improvements agreed	MCC			Major investment planned at Heaton park and Wythenshawe park, with additional prioritised park investment.



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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
3	Enhance existing and introduce new GI within large estates and land holdings e.g. colleges, registered housing providers, cemeteries, universities and hospitals	Registered Housing Providers' to integrate GI as part of business plans. To include: - Research to identify best practice amongst the city's Registered Housing Providers - Establish a mechanism(s) for sharing best practice and supporting further roll-out	RHPs	Citywide	2015-17	Ongoing. New RHP GI Forum established.
		University of Manchester – integrate GI as part of the development and delivery of the £1bn UoM estate and landscape masterplan. To include: - UoM GI Strategy including - Biodiversity Master Plan - Green Roof Green Wall policy	UoM	C/CC	2016- 2020	Ongoing. Draft Living Campus Document due in Spring 2017. Green Roof Green Wall Policy Completed
		Develop bid for Nature based solutions via H2020 EU - Grow Green	MCC	C	2017-20	Bid Submitted September 2016. Successful Nov 2017. April 2017 Project Team established. September 2017 Tender Brief developed. December 2017 Tenders signed off
		Manchester University NHS Foundation Trust	MUNHSFT	Citywide	2017-20	Following the merger between the Central Manchester and South Manchester Hospital Trusts there will be dialogue to assess progress and opportunities for managing the hospital estates to increase the value of GI

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
4	Schools: enhance school grounds for environmental education and biodiversity	Lancashire Wildlife Trust to deliver £66,000 Forest Schools project in North Manchester	LWT	N	2015-17	Ongoing. Further funding secured for 2017.
		Groundwork to deliver Connecting Collyhurst School grounds improvements	GW	N	2017	July 2017 Abbot Community Primary and MCA grounds improvements
		RSPB to deliver schools engagement programme involving Primary schools across the Mersey Valley and wider Manchester area	RSPB	S	2015-20	Ongoing: 2016/17 - 2360 students engaged (2015/16 - 7 Schools visited 978 students engaged.)
5	Trees and woodlands: effective and appropriate tree and woodland management and planting	Aim for at least 2,500 new trees per year, to be planted in line with the Manchester Tree Action Plan target, by a range of organisations and the City of Trees initiative.	MCC, CoT, RPs, individuals, developers, COM, CoT	Citywide	2015-20	note: change in tree action plan targets to reflect need for neighbourhood focus to new planting 2015/16 2980 trees planted, including 35 orchards plus 1080 hedge trees 2016/17 2961 trees planted, including 6 orchards and 832 hedge trees. City Centre Opportunity mapping undertaken by City of Trees
		Wythenshawe Woodlands – Red Rose Forest, Groundwork and Council project to deliver biomass products, biodiversity improvements, skills, training and volunteering opportunities. (Heritage Lottery Fund application submitted June 2015).	CoT, MCC, GW	S	2015-16	April 2017 Work being undertaken on 3 x Wythenshawe Woodlands as part of pilot project

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
		Minimum of 4 new community orchards to be planted per year.	CoT, MCC, RHPs, CGs	Citywide	2015-17	35 orchards planted in 2015/16 6 orchards planted in 2016/17
		Map known community orchards across the city	MCC CoT	Citywide	2015-16	Ongoing. Liasing with CoT and urban orchard project
6	Community greening and community food growing: delivery of community led and focussed GI projects and food growing	Partnership project to establish a community gardening and food growing network and support programme to scale up existing activities. To include: - £85,000 Clean City funding to restore and enhance allotments - Research to establish existing activitiesnd case studies of good practice - Establish models for community ownership arrangements and engagement activities for existing green spaces - Share information, best practice and funding opportunities - Secure funding to deliver large-scale community gardening and food growing projects	HCGC, STC, DEC, GW, MGC, NT, RHPs, MCC	Citywide	2015-18	Ongoing. £178,000 committed to growing projects through Clean City.
		Deliver the Growing Manchester programme to support 65 community food growing projects (Budget for 2016-17 tbc)	MCC, STC	Citywide	2015-17	Ongoing. Over 75 groups registered, with nine new groups registered onto the programme in 2016, with two growing projects winning Macc 'Spirit of Manchester' awards.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
		Deliver £1million Real Food Wythenshawe community training and capacity building project.	RFW, GW, RHPs, MCC	South	2015-17	Ongoing. April 2017. new extension funding bids being submitted.
		Deliver the Clean City City Centre Greening programme	CRT, MCC, Cityco	City Centre	2015-16	Ongoing. Work undertaken on Rochdale Canal. Work identified on Castlefield and in Chinatown.
		Promote RHS in bloom campaigns	RHPs, MCC	Citywide	2015-18	130 In Bloom awards citywide in 2015 126 In Bloom Awards citywide in 2016 166 In Bloom Awards citywide in 2017
		Southway Housing Trust to improve at least 2 local green spaces per year, using in-house expertise working with local communities	Southway Housing Trust	South	Annual	Ongoing
7	Gardens: protect and enhance private gardens	Registered Housing Providers and partners, facilitated by Southway Housing Trust, to promote the importance of private gardens to residents and actions they can take to protect and enhance them, to include: • Creation of a forum to share best practice • Arranging 2 site visits per year to showcase best practice	RHPs, RA, MCC	Citywide	2015-17	Ongoing. NEW RHP GI Forum set up.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
8	Sites of Biological Importance (SBIs): increase the number of SBIs in active management to conserve, protect and enhance biodiversity	MCC to work with land owners and managers to increase the numbers of SBIs in active conservation management by 1-5% annually. (In June 2015 Manchester has 38 SBIs; 55% are in active conservation management). Report progress annually to DEFRA.	Landowners MCC, GMEU	Citywide	2015-20	2016/17 57.89% of SBIs in active conservation management, active work with UoM volunteers on Painswick Meadow and Castle Hill SBI
		Map and survey SBIs to review current condition and identify opportunities for improvements.	MCC, Universities	Citywide	2015-17	Completed
9	Local Nature Reserves: increase the coverage of LNRs in line with national guidance to 1 ha of LNR per 1,000 residents	Identify potential Local Nature Reserves or similar opportunities to reach target coverage of 1 hectare LNR per 1,000 residents in line with national guidance, over the 10 year lifetime of the Strategy – including Southern Cemetery and Moston Vale as candidate sites and within Parks	MCC, NE, GMEU	Citywide	2016-17	Ongoing

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LL5 - Improve the quality of parks, green spaces and waterways, and incorporate more into new developments.**

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
10	Health and wellbeing: deliver GI projects with a particular focus on improving health and wellbeing	Pilot the prescription of GI-based preventative health activities such as health walks, volunteering and use of courses to up-skill long term unemployed with health/addiction issues, to deliver improved health outcomes, as an alternative/complement to traditional approaches and measure the impact	NHS, MCC, Universities	Citywide	2016-18	Investment into the "One Team Prevention Programme" based on a social prescribing model, has been agreed by North Manchester Clinical Commissioning Group. They have agreed to invest in increased capacity to enable staff in the 4 "One Team" neighbourhoods north of the City to match people to local activities. This will then be scaled up across the City, pending the successful delivery of the Programme.

**Objective 2 - Use appropriate green and blue infrastructure as a key component of new developments to help create successful neighbourhoods and support the city's growth.**

Owner : Eddie Smith, Julie Roscoe

**Our Manchester link: A14 - Be a beacon for sustainable design.**

**LL5 - improve the quality of parks, green spaces, rivers and canals, and incorporate more into new developments where appropriate.**

**LL7 - Improve the resource efficiency, carbon and environmental performance of all businesses.**

	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
1	Embed new and existing GI as part of residential developments	Manchester Residential Quality Design Guidance	MCC	Citywide	Ongoing	The Residential Quality Design Guidance was approved by Executive in Dec 2016 and underpins and contributes to the Our Manchester aims of the city being a beacon for sustainable design and incorporating more green spaces, rivers and canals into development. This is a key means of ensuring that new and existing GI is embedded into residential developments as demonstrated in the subsequent actions.
		Integrate high quality GI and appropriate SUDS, and a strategy for their long-term management, into major developments, from development framework and masterplan stage to delivery. To include:		Citywide		(See below)
		NOMA development area: refresh of the masterplan	MCC, Co-op, HM	CC	TBC	Ongoing: Revised masterplan still in development. Draft presented to MCC in Nov 2016, but further work to be undertaken.
		Eastlands Framework	MCC	C	TBC	First phase consultation finished Aug 2017. Report to Executive September 2017.
		Northern Gateway	MCC	North	2017-20	Dec 2017 Development of landscape proposals by FEC

**Objective 2 - Use appropriate green and blue infrastructure as a key component of new developments to help create successful neighbourhoods and support the city's growth.**

Owner : Eddie Smith, Julie Roscoe

**Our Manchester link: A14 - Be a beacon for sustainable design.**

**LL5 - improve the quality of parks, green spaces, rivers and canals, and incorporate more into new developments where appropriate.**

**LL7 - Improve the resource efficiency, carbon and environmental performance of all businesses.**

	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
1	Embed new and existing GI as part of residential developments	Collyhurst and Lower Irk Valley: Development Framework	MCC	N	TBC	Ongoing
		Chorlton redevelopment - District Centre, Ryebank Rd	MCC	South	TBC	Development Framework out for public consultation
		Major Planning Applications	MCC	Citywide	2017-	(See Headline Actions 2 and 3 below) Appraisal of c.25 planning applications in relation to GI benefits. (Graduate support)
2	Embed GI as part of city centre developments	Where appropriate integrate high quality GI and appropriate SUDS, and a strategy for their long-term management, into major developments, from development framework and masterplan stage to delivery. To include:		Citywide		(See below)
		• St John's public realm strategy	MQL (partnership between Allied London & MCC)	CC	Apr-17	The St John's public realm strategy will be finalised by April 2017.



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	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
2	Embed GI as part of city centre developments	Great Jackson St SRF		CC	2017	Ongoing. A new SRF has been agreed in principle and public consultation took place in Nov/Dec 2017. The aim is create a high quality residential neighbourhood underpinned by the creation of a high quality environment including areas of public space, shared/private amenity space and new pedestrian linkages and connections.
		New Cross Public Realm Strategy and supporting Delivery Strategy - will provide officers with a practical toolkit to assist the successful delivery of public realm. It will form the basis of ongoing consultations with landowners and developers as part of the planning process.	MCC and developer partners	CC	Approved Nov 2017	Ongoing. Currently a monitoring group (which will include representatives from Planning, Highways and Public Realm) is being put in place to oversee the implementation of the strategy and ensure that all appropriate s106 contributions and / or improvements to be delivered via planning conditions are captured at the decision-making stage. This to ensure that necessary upgrades to the public realm are delivered in a coordinated and collaborative way to support the creation of a successful residential neighbourhood.
		• Mayfield public realm	LCR, MCC, TfGM	CC	TBC, following refresh of SRF	The Council is working with partners to deliver a major new 6 acre city centre park as part of the Mayfield regeneration proposals. The Mayfield SRF area is adjacent to the North Campus area and will be easily accessible by those who live and work in the area.

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	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
2	Embed GI as part of city centre developments	<ul style="list-style-type: none"> <li>NOMA phase 2 public realm, including new public square, streetscape improvements and cycle routes within the Listed Estate.</li> </ul>	Coop, MCC	CC	Sep-15	Completed.
		North Campus Strategic Regeneration Framework	UoM MCC	CC	2017-	The North Campus SRF was endorsed by Executive in March 2017 and will be a material consideration in planning applications. The SRF proposals maintain and extend the area's existing characteristic of smaller pocket parks / green spaces rather than a single larger space, with a slightly larger area of green space than exists now (2,330sqm). Any trees lost during development will be replace/replanted on other green areas of the site. Detailed design will include landscaping strategy relating to existing trees, planting and biodiversity. An investment framework across the whole site will be needed to deliver any additional amenity.
3	Embed GI as part of major employment developments	Major planning applications	MCC	CC	2017 -	(See Headline Action1 and 3) Appraisal of c.25 planning applications in relation to GI benefits. (Graduate support)

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	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
3	Embed GI as part of major employment developments	First Street public realm – later phases	Ask Developments, MCC	CC	TBC	New developments planned for 2017. Discussions are taking place with Allied London on the provision of public realm as part of new phases of development
		Airport City	Manchester Airport City Group, MCC, Plan.it and developer partners	South	2012-2027	Ongoing development of international business destination, including offices, hotels and ancillary retail in a high quality environment.
		Major Planning Applications	MCC	All	2017-	(See Headline Actions 1 and 2 above) Appraisal of c.25 planning applications in relation to GI benefits. (Graduate support)
4	Retrofit new GI to existing buildings, particularly in the city centre	MACF and partners to deliver a programme of events to promote GI retrofit to city centre building owners and developers, including showcasing existing good practice	MACF GI, UK GBC	Citywide	2016-17	Sept 2017 - CoT showcase event - Inspiring Integration: The key role of Green Infrastructure in the Development Process

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	Headline Action	Action	Stakeholders	Location: N,S,C,C C	Timescale	Progress
5	Embed GI as part of new schools and major refurbishment	Deliver 'water resilient places' pilot project	BiTC, MCC	C	2015-17	Bid submitted but unsuccessful.
		Embed high quality GI in the design and delivery of the manchester schools new build and extension programme.	MCC, Schools	Citywide	2015-17	Ongoing: five school schemes since the launch of G&BI Strategy. The approach to designing each school seeks to protect the environment and ecology of the area. Landscape proposals are incorporated and wildlife habitats to support the curriculum. Trees retained wherever possible with replacement ratios of 1:2 or 1:3
6	Establish temporary 'meanwhile' uses on sites awaiting development	RRF and partners to continue to promote existing Meanwhile projects, including those at Moss Side ex-Stagecoach site, McDonalds in Wythenshawe, Piccadilly Basin and Gorton Community Centre, to encourage further uptake	CoT, GW, MGC, MACF GI, GGT	Citywide	2015-16	Ongoing. Gorton, Wythenshawe meanwhile sites established 2015/16
		Training and events regarding the practicalities and benefits of setting up and managing a meanwhile site benefits for landowners, developers and community groups to be delivered	MACF, UKGBC, MCC, BiTC	Citywide	2015-16	TBC
		Cityco and partners to develop stewardship and adoption of city centre GI	Cco, CRT	Citywide	2015-18	Friends of Rochdale 9 established, with community supported activity in the City Centre along the Rochdale Canal.

<b><u>Objective 3 - Improve connectivity and accessibility to green and blue infrastructure within the city and beyond</u></b>						Owner: Kim Dorrington, Richard Elliott
<b>Our Manchester links: A13 - Be on a path to being a zero-carbon city by 2050. LL2 - Encourage walking, cycling and use of public transport, and continue to invest in infrastructure this requires</b>						
	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
1	River valleys and canals: enhance river valleys and canal tow paths to improve accessibility and use as active transport corridors	Maintain accessible routes though Irk valley and Moston Brook	RVIs,	North	2015-18	Ongoing.
		Connecting Collyhurst - Walking Routes	MCC, GW, HLF	North	2017	July 2017. Launch of 5 walking routes, including fitness trails and safe routes to school
2	Green routes: greening transport routes (e.g. tramlines, footpaths, cycle routes, roads, rail corridors including disused), to encourage walking and cycling, reduce flood risk and provide corridors for wildlife	TfGM and partners to deliver the Green Corridor programme to encourage increased walking and cycling and measure the impact in terms of use and health outcomes	NHS, CoT, MCC, TfGM, GW, LWT, universities	Citywide	2015-17	Ongoing. TfGM looking to develop new opportunities around the green corridor concept.
		Develop and agree an approach with Network Rail and TfGM to encourage the management of transport corridors, including train lines, as green and blue assets that can provide multiple benefits, including providing an attractive welcome to the city	NR, TfGM, MCC, CoT, GW, Universities	Citywide	2015-20	Schemes delivered through TfGM along tram corridors in south, north and east Manchester. Potential to take this further through appropriate contacts within Network Rail being explored.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
2	Green routes: greening transport routes (e.g. tramlines, footpaths, cycle routes, roads, rail corridors including disused), to encourage walking and cycling, reduce flood risk and provide corridors for wildlife	TfGM to deliver Wildlife Habitat and Tree Replacement Policy providing replacement trees for every tree removed as part of development and infrastructure projects and resulting in a net increase in the number of trees across the city	MCC, TfGM, developers	Citywide	2015-20	Schemes delivered through TfGM along tram corridors in south, north and east Manchester.
		Tale of Two Cities Kew Grow Wild Project: wildflower planting in Hulme and Moss Side to improve 5ha of open space, including parks, verges and school grounds	MCC, Kew, LL, NT	C	2015-16	Completed. July 2017 Final report and event delivered.
		Establish a programme of citywide SuDS retrofit and identify funding for delivery	MCC	Citywide	2015-17	Ongoing. Discussions have taken place with United Utilities regarding adoption of SuDS

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
2	Green routes: greening transport routes (e.g. tramlines, footpaths, cycle routes, roads, rail corridors including disused), to encourage walking and cycling, reduce flood risk and provide corridors for wildlife	Greater Manchester Growth Deal - Great Ancoats Street (between Oldham Rd and Pollard St). This project will reduce improve pedestrian access between the city centre and residential/commercial areas to the north west. It involves re-aligning existing, and introducing new pedestrian crossings, and enhancing the public realm, including the provision of a significant number of new trees; the trees will replace those lost through another Growth Deal scheme at Regent Road.	MCC / TfGM	City Centre and Fringe	by 2020/21	Ongoing. Outline Business Case will be submitted to TfGM for approval in December 2017.
3	Cross boundary working to improve access and connectivity	Link GI within the city with surrounding assets within GM, through landscape scale planning and ensuring that strategic level approach to GI is incorporated within any review of the Core Strategy and within the GM Spatial Framework.	MCC, GMCA,	Citywide	2015-18	Ongoing. Dec 2017 - Development of GM Mayor's Green Summit March 2018

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
3	Cross boundary working to improve access and connectivity	Continued support and promotion of Trans Pennine Trail (TPT) initiative including works such as the improvement of lighting and surfacing between East Didsbury and Didsbury village, to encourage walking and cycling through the Mersey Valley	MCC, TPT	S	2015-20	Ongoing. 2015/16 Improvements along length of TPT between Didsbury and Stockport.
4	Use active and sustainable transport to access green infrastructure in the city and beyond	TfGM, MCC and CRT to deliver the VeloCity programme in East Manchester including biodiversity and physical activity programme	MCC, TfGM, CRT	C	2015-17	Completed
		Wilmslow Rd Cycleway. A 7km stretch of mostly segregated cycle routes with new features for cyclists along Wilmslow Road and Oxford Road into Manchester.	MCC	S	2015-17	Completed in June providing access from City Centre, Rusholme and Didsbury to the Mersey Valley
		Chorlton Cycleway. Proposed, largely segregated cycleway between Chorlton and City Centre. This will improve access from the City Centre to the Mersey Valley and the TPT through the Hardy Lane corridor	MCC	S	Construction 2019-20	In design. Consultation due early 2018



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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
4	Use active and sustainable transport to access green infrastructure in the city and beyond	Northern Quarter Cycleway between Piccadilly and Victoria Stations Will connect with Regional Cycle Route 86 connecting with the Ashton Canal, National Cycling Centre, Medlock Valley in the east and Irwell River Park and Salford Quays in the west.	MCC	CC	Construction 2019-20	In design. Consultation due early 2018
		Trial of Mobike- an app based cycle hire scheme	MCC	CC	2017	Six month trial launched in June. Evaluation expected by Summer 2018
		Identify and promote public transport routes that can be used to access major parks and greenspaces in Manchester and beyond	MCC	Citywide	2016	Discussions to take place with TfGM (KD) and also through Transport Growth Group

**Objective 4 - Improve and promote a wider understanding and awareness of the benefits that green and blue infrastructure provides to residents, the economy and the local environment**

Owner: Richard Elliott

**Our Manchester link: A11 - Be a City recognised for its high quality of life, with improved green spaces and access to world-class sport, leisure and cultural facilities.**

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
1	Monitor existing GI within the city	Universities and the Council to establish a mechanism for ongoing review of GI across the city in order to understand distribution and changes over time. To include open access data, wherever possible.	Universities, MCC, LO, STAT, MM	Citywide	2015-17	Ongoing.UoM developing Community GI mapping project - MeMo. Hulme Ecosystem Services Appraisal. Natural Course - Medlock Ecosystem Services appraisal. My backyard - MMU project undertaking garden dataset refinement
		Embed GI into the review of the Local Plan in line with the Manchester Strategy's liveability agenda	MCC	Citywide	2015-20	Ongoing.
		The Council, Registered Housing Providers and other partners to integrate GI as part of place plans, with assets and priorities for action identified, and clear responsibility for delivery.	MCC, RHPs	Citywide	2015-16	Ongoing. RHPs developing independent plans.
		Ward councillors and local communities to include GI activity in ward plans as appropriate, drawing from the Eco neighbourhoods pilots in Gorton, Rusholme, Whalley Range, Moston, and Old Moat	Ward Councillors, COM	Citywide	2015-16 and ongoing annually	Ongoing. Ardwick GI Plan being developed. Hulme Ecosystem Services assessment commissioned. Due Mar 2018. <span style="float:right">Grow Green Climate Adaptation Project being developed.</span>

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
2	Embed GI in key plans and policies	Integrate GI as part of the refresh of the Manchester Health & Wellbeing Strategy, recognising the ability of G&B to deliver positive mental and physical health outcomes.	MHWP	Citywide	2015-16	The decision has been made to align the HWB Strategy with Our Manchester (i.e 10 year time frame). However the short term delivery of the Strategy will be through the Manchester Locality Plan agreed by the HWB in April 2016. The Locality Plan has a strong focus on prevention including the social prescribing model and emphasises the need to address the wider determinants of health (including G&BI).
		MCC, GMEU and other partners to review the Manchester Biodiversity Action Plan in the context of the new GI Strategy and agree next steps	MCC, GMEU	Citywide	2016-17	Discussions taking place with Lancashire Wildlife Trust to investigate potential for them to access external funding and lead on developing Biodiversity Strategy.
		MCC, CoT and other partners to review the Manchester Tree Strategy Action plan in the context of the new GI Strategy and agree next steps	MCC, RRF	Citywide	2016-17	Completed. Tree action plan approved at exec11th Jan 2017.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
		TfGM to ensure that the importance of and access to green and blue spaces, within the city, including its parks, and beyond, is included in future GM-wide Transport Plans, including Local Transport Plan 4.	TfGM	Citywide	2015-16	Ongoing
		Local universities, MCCA and MCC to establish an ongoing programme of collaborative GI research, initially for 2015-20, to measure the impact of GI across the range of social, economic and environmental benefits set out in the Strategy.	UoM, MMU, UoS, MACF GI, MCC	Citywide	2015-20	Ongoing. 1.2 Million NERC funding Secured Green Growth, GHIA and gardens and ecosystem services EU EnRoute project, developing best practice approaches using GI across 20 European Cities EU project with European Investment Bank looking at investigating alternative ways of funding GI interventions

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
3	Develop research into the benefits of GI to residents, the economy and the environment to provide the basis for new policy, projects, programmes and investment mechanisms	Undertake research to: • Understand the physical and mental health conditions that could be improved through the use of and/or exposure to G&B and • Identify areas for more specific Manchester based cost/benefit research to test the feasibility of these	UoM, MMU, UoS	Citywide	2015-20	Ongoing. GHIA project. Oct 2017 new PHd begins. green infrastructure and physical activity/wellbeing
		Research into barriers to undelivered schemes of GI within new development and those that could have been improved or delivered differently	MCC, UoM, MMU, UoS	Citywide	2016-17	Green Growth project delivered.
		Research to identify new models for the management and maintenance of GI, post-construction, including identifying case studies of successfully delivered and maintained schemes of GI in new development	MCC, UoM, MMU, UoS	Citywide	2015-20	Ongoing. Submission of H2020 Bid for nature based solutions in Gorton. June 2017 Launch of Grow Green

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
4	Showcase local best practice and seek recognition for delivered projects	Create an interactive, publicly accessible, web based project database and map to capture planned and completed GI projects	MACF GI, UoM, MMU	Citywide	2015-16	Ongoing. Research bid by UoM unsuccessful. Revised bid submitted Nov 2016. New bid successful. UoM developing Community GI mapping project - MeMo.
		Applying for national awards wherever appropriate e.g. Britain in Bloom RHS Awards for community greening projects	MCC + others as appropriate	Citywide	Ongoing	130 In Bloom awards citywide in 2015 126 In Bloom Awards citywide in 2016 166 In Bloom Awards citywide in 2017
		Use the publicity around nationally promoted GI projects to improve local awareness of GI benefits and encourage behaviour change. E.g Friends of the Earth Bee Campaign, Manchester Bee Summit 2015	EMCC + others as appropriate FoE, UoM	Citywide	2015-20 2015-16	Nov 2015 NW in Bloom Biodiversity award 2015 To2C Be proud finalist Oct 2016 World canal award finalist bridgewater basin floating ecosystems
		Embed GI in public activities aimed at behaviour changing e.g. to increase community responsibility and ownership of shared spaces	RHP, MCC	Citywide		Ongoing. See Bloom above.

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
5	Raise the awareness of the benefits of GI through public communication, education and training	NHS to promote GI-based sport, leisure and recreation activities to NHS patients, through existing and new NHS channels, and measure the health impact, wherever possible.	NHS	Citywide	2015-20	Christie Hospital have organised a lunchtime walking group as part of its drive to promote sustainable travel and encourage people that work in Manchester to benefit from our G & B. Last year the Christie working with MCC earned TfGMs Gold Award for their travel plan. This award sets a bench mark for other employers to strive for and to drive good practice.
		Training session for developers, planners, urban designers, to increase awareness of cost benefits of incorporating SuDS in development and highways schemes.	MACF, MCC	Citywide	2015-17	Ongoing. Nov 2016 CIEEM Benefits of Blue and Green Seminar, July 2017 Ecosystem Services Workshop 19 officers attending July 2017 Trees and planning - 21 Planners attending Sept 2017 - CoT showcase event - Inspiring Integration: The key role of Green Infrastructure in the Development Process
		RSPB appoint new family engagement officer	RSPB, MCC	Citywide	2016 - 18	2016 1081 people engaged with Nature 2017 1386 people engaged with Nature

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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
		RSPB to appoint new education officer to work with schools in South Manchester (as part of the MCC-RSPB Mersey Valley Partnership)	RSPB, MCC	S	2015	Ongoing. 2015/16 7 Schools visited 978 students engaged April 2016 – Mar 2017: 2360 nature connections across 16 different schools. April 2017 - present - 421 nature connections across 5 schools and early years
		Manchester Museum to identify opportunities to promote the city's natural environment at national and international level	MM	C	2017	2016, 91,000 connections with Climate Control Exhibition 2017 The Extinction or Survival exhibition had 149,964 visitors in 6 months May 2017 UNFCCC Action for Climate Empowerment Rio Nov 2017 Science Centre World Summit Tokyo MM hosted International Conference on Climate Change Communication - 110 participants from 25 countries, from 6 continents
		Manchester Museum to deliver the wildlife friendly gardening project to promote wildlife friendly gardening to residents and visitors and promotion of nature via '7Million Wonders' brochure	MM	C	2015-17	Ongoing. Gardening project linked in with Whitworth Park Cultural Gardener



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	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress
6	Raise the profile of Manchester as a an attractive place to live with access to high quality GI within and beyond Manchester	Use the city's GI to attract visitors and create new recreation opportunities, including through: - Dig the City urban gardening festival  - Kew Grow Wild Flagship project to create wildflower landscapes in Manchester and Liverpool	CIC, MCC, MM, UoM, NT, BDP, CRT  MCC, LL, Kew, NT	CC/ C	2015 2015-16	Dig the City and Kew Grow Wild now completed . Link with Programme of work relating to Our Manchester to identify further opportunities for disseminating environmental good news stories. Volunteers averaged 74,844 hours in 2016/17 this equates to an investment back into Manchester Parks of £823.284.
		Promote Parks including production of city centre green guide	MCC, universities	CC	Mar-16	Liaise with Parks to see how Park facilities within city centre are/could be promoted