

## Objective 1 - Improving the Quality and Function of GBI

Headline Actions	Green - existing commitments to GBI	Project Pipeline 2019/20
1 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	There is an active commitment to managing land across the City's three main river valleys the Irk, Medlock and Mersey.	Development of Mersey Valley vision.  Sign off for Northern Gateway/ Mayfield/ Medieval Quarter
2 Enhance existing parks to maximise their potential in making Manchester a World Class City	There is significant ongoing investment across the City's extensive 135 site portfolio of parks and green spaces.	Begin delivery of Park Strategy priorities inc natural play Heaton Park £500,000, Spring 2019
3 Enhance existing and introduce new GI within large estates and land holdings e.g. colleges, registered housing providers, cemeteries, universities and hospitals	Ongoing GI commitments through existing land mgmt contracts - detail needed from partner organisations	Physical delivery of NBS in West Gorton as part of GrowGreen
4 Schools: enhance school grounds for environmental education and biodiversity	Many of Manchester's schools are already part of the National ecoschools programme, and are supported by the Manchester Environmental Education network.	Protecting Playgrounds - monitoring planning and installation of this air quality and schools project My Wild City - begin engagement with schools around biodiversity BITC SuDS and Schools project development as part of IGNITION GM £5million bid
5 Trees and woodlands: effective and appropriate tree and woodland management and planting	The City has planted over xx trees over the last ten years. On average, the city has over 20% of its land area covered by tree canopy. It has the third highest canopy cover across Greater Manchester.	Jan 2019 sign off and promotion of Manchester Principles of Tree Management Restoration and revitalisation of three important historic woodlands in Wythenshawe through £182,900 HL Fbid by CoT. Development of city specific i-Trees eco assessment
6 Community greening and community food growing: delivery of community led and focussed GI projects and food growing	Numerous growing projects are undertaken across the City, with hubs in Hulme, Wythenshawe and Heaton Park. The City has over 41 allotment sites across the City.	Continued delivery of citywide growing project including Real Food Wythenshawe
7 Gardens: protect and enhance private gardens	The city has extensive garden coverage. MGO indicated that this figure might be as high as 30% of all the City's GI was Garden space	Integration of My Back Yard (MMU partnership research project) into new G&BI Strategy Implementation Plan

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8	Sites of Biological Importance (SBIs): increase the number of SBIs in active management to conserve, protect and enhance biodiversity	Manchester has 38 SBIs with over 60% in active conservation management	Ensuring the number of SBIs in active conservation management continues to increase by linking volunteer groups such as the Tree Musketeers with opportunities to undertake active conservation in SBIs.
9	Local Nature Reserves: increase the coverage of LNRs in line with national guidance to 1 ha of LNR per 1,000 residents	Manchester has 8 LNRS covering 392 ha.	Continued work towards this target in 2019.
10	Health and wellbeing: deliver GI projects with a particular focus on improving health and wellbeing		Delivery of a successful partnership project with University of Manchester, Public Health Manchester and MCC City Policy. Second of a three year focussed PhD project, looking at the effects urban GI can play in relation to health and well being.

**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.**

Headline Actions		Green - existing commitments to GBI	Project Pipeline 2019/20
1	Embed new and existing GI as part of residential developments	Ongoing GI commitments through planning process	Ongoing development and delivery of Mayfield, Northern Gateway, Eastern Gateway, Medieval Quarter,
2	Embed GI as part of city centre developments	Ongoing GI commitments through planning process. GI commitments made around Mayfield, Northern Gateway and St Johns.	Implementation of City Releaf City Centre opportunity mapping as opportunities arise.  Continued liaison with development management and use of expertise within GBI Stakeholder Group where appropriate and as opportunities arise
3	Embed GI as part of major employment developments	Ongoing GI commitments through planning process	Continued liaison with development management and use of expertise within GBI Stakeholder Group where appropriate and as opportunities arise
4	Retrofit new GI to existing buildings, particularly in the city centre	Ongoing GI commitments through planning process	Continued liaison with development management and use of expertise within GBI Stakeholder Group where appropriate and as opportunities arise
5	Embed GI as part of school new build and major refurbishment	Ongoing GI commitments through planning process	BITC, MCCA and MCC delivering a pilot programme for Manchester - the Ignition Project
6	Establish temporary meanwhile uses on sites awaiting development	MCC continue to encourage meanwhile usage where appropriate	

### Objective 3 - Improving Access and Connectivity

Headline Actions	Green - existing commitments to GBI	Project Pipeline 2019/20
1 River valleys and canals: enhance river valleys and canal tow paths to improve accessibility and use as active transport corridors	There is an active commitment to managing land across the City's three main river valley valleys the Irk, Mersey and Mersey, which includes improvements to access where possible. The Canal and River Trust are actively trying to improve Ashton and Richdale Canal towpaths and waterways.	Development of Mersey Valley Strategy  Possible funding through EA for Phase 2 Mersey surveys
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	Ongoing commitments to manage sustainable transport corridors, such as Oxford Road corridor, £1.3 Million VeloCity Ashton Canal improvements, £180,000 Trans Pennine Trail investment.	Continued development and delivery including the Green Connections Project as part of GM Bee lines
3 Cross boundary working to improve access and connectivity	Manchester is committed to cross boundary partnership working, and is a key partner of both GMCA and TfGM.	Continued delivery of Natural Course programme which will include GM wide Eco-system services and Natural Capital Valuation
4 Use active and sustainable transport to access green infrastructure in the city and beyond	Initiatives like MoBike and recent GM wide commitments to walking and cycling will make accessing Manchester's greenspaces, river and canal networks easier.	Development of Bee lines

## Objective four - Increased G&BI Understanding and Awareness Raising

Headline Actions	Green - existing commitments to GBI	Project Pipeline 2019/20
1 Monitor existing G&BI within the city	There is some autonomous monitoring of G&BI within the City through parks, tree management systems etc and independently ie through the Greater Manchester Ecology Unit and Universities	Further refinement of datasets as part of the refresh of the Strategy Implementation Plan through GrowGreen
2 Embed G&BI in key plans and policies	There are numerous existing policy commitments through the Local Plan that relate to G&BI	<p>Develop and deliver new G&amp;BI Implementation plan in line with Grow Green.</p> <p>Deliver a new biodiversity vision for Manchester</p> <p>Embed G&amp;BI within the Local Plan Review 2019-22</p>
3 Develop research into the benefits of G&BI to residents, the economy and the environment to provide the basis for new policy, projects, programmes and investment mechanisms	An Independent approach to research development	<p>Jan 2019 present finding of Citylab to En Route partners</p> <p>Ongoing GrowGreen fact finding</p> <p>Second year of three year focussed PhD project, looking at the effects urban GI can play in relation to health and wellbeing.</p> <p>Innovation - GM wide project to establish and deliver innovative NBS funding mechanisms 2018-21</p>
4 Showcase local best practice and seek recognition for delivered projects	Manchester will always look to develop best practice approaches on the way the city's G&BI is managed and improved.	Continued production of G&BI case studies and sharing best practice
5 Raise the awareness of the benefits of G&BI through public communication, education and training	Manchester has an ongoing commitment to engage and raise awareness of the importance and value G&BI brings to the City.	<p>Development and delivery of MFON activity and campaign in 2019</p> <p>Delivery of project G outreach programme</p> <p>Disseminate information on new opportunities for local groups to become involved in GBI through liaison with neighbourhood officers.</p>
6 Raise the profile of Manchester as a an attractive place to live with access to high quality G&BI within and beyond Manchester	Promotion and engagement is already undertaken by numerous partner agencies and organisations in a range of formats, including social media	<p>MFoN Summer 2019</p> <p>Developing of cultural activity eg Irk - Wupper partnership 2019</p>