

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 2019
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	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	2015-20	Ongoing. July 2019 GM ESS has been completed. This is a map based assessment of the value and function of GI across the whole of GM. It is hosted on Mapping GM and was undertaken as part of the Natural Course project. This follows on from the Natural Capital Account and Ecosystem Services and Opportunity Mapping Study for the River Irwell Management Catchment (2018)
		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	December 2019 River Valley Action Plans being prepared for tender. Ongoing opportunities to improve the environment adjacent to the R Medlock including: Mayfield - Successful public consultation on Mayfield took place July 2019, including a workshop with MCR GI Group. Mayfield planning application now submitted and awaiting decision. Opportunities also include public realm within development schemes at One Circle Square and Gt Jackson St.

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		Irk Valley Project: to improve access to the river valley, water quality, biodiversity and use by local people.	GW, MCC, EA	N/C/CC	2015-20	MCC (Parks Team) is engaged in the development of the Northern Gateway as part of a new GI forum established in Oct 2019. Subject to funding approval, £10m of investment will help create an extended high quality greenspace in the Lower Irk Valley, as part of an initial £50m package of infrastructure work. Awaiting HIF approval. New bridge installed across River Irk in Collyhurst - June/July 2019
		Moston Brook Project: to improve access to the river valley, water quality, biodiversity and use by local people.	MCC, OMBC, GW, LWT	N	2015-20	Joint project with Mersey Rivers Trust being developed improving habitat along the brook.
		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: - Development of Strategic vision for Mersey Valley	MCC, RSPB	South	2018-20	Ongoing. The new MCC river valley lead is developing a joint MV vision with RSPB. The RSPB are appointing a new p/time, 1 year, Link Officer role. Recruitment in November 2019. River Valley Action Plans currently being prepared for tender.
		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.	CRT	N/C/CC	2018- 20	Ongoing. £30,000 secured to deliver further environmental improvements along Rochdale Canal in City Centre during Summer 2019. Oct 2019 New programme and vision for city centre canals is being developed and will be delivered in partnership with BDP. New focussed practical action around two city centre stretches of canal is also being delivered (Rain Bar area).

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2	Enhance existing parks to maximise their potential in making Manchester a World Class City	Continue to implement the Manchester Parks Strategy, co-ordinating and creating management plans for individual parks, taking into account existing plans and information. Including: 1. Analysis of the social, economic, cultural and environmental role of each park 2. Promotion of equality and social cohesion to meet the aspirations of surrounding communities 3. Plans for financing and resourcing	MCC	Citywide	2019-22	15 plans have been completed in the first year. A review of the learning has resulted in a revised template being established, a programme of training for staff on the development of plans through a stakeholder approach and a toolkit that will enable a consistent standard / approach to the plans is underway and due to complete in spring 2020. The sites have been identified for the next 35 plans.
		Bring forward investment cases for sites with the greatest possible income opportunities. Priorities include: 1. Increasing income generation 2. Improving visitor experience 3. Progressing towards achieving the Manchester Quality Standard 4. Investing in parks more suited to holding larger events as shaped by individual Park Plans 5. Reducing the amount of public subsidy needed.	MCC	Citywide	2019-22	A Parks Development Team has been created as part of the redesigned Parks Structure. This is a flexible team that will respond to emerging themes for investment. At present there is a focus on citywide works that will include S106 and the development of plans for investment in line with the Park Plans and a focus on Heaton and Wythenshawe Parks to bring forward plans for development in line with the Strategic Frameworks that have been developed. New River Valley and Urban Countryside officer established to support park strategy team.
		£20 Million Capital programme of improvements agreed	MCC	Citywide	2017-2020	Major investment planned at Heaton Park and Wythenshawe Park, with additional prioritised park investment. New natural play area opened in Heaton park - Summer 2019 Capital Programme in development

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		Angel Meadow, Northern Gateway	MCC (Parks) FEC	N	2019-22	Led by MCC parks, a business case to support spend of the £150k capital sum obtained from developer of 'Meadowside' development (FEC) has been developed and submitted as part of the checkpoint process. This money is to be spent on upgrading park over next 2 years. From 2021/2022 estate charge will begin to be collected by MCC from new dwellings which will go towards park maintenance/management. At £100 per annum per plot this will eventually provide an annual maintenance budget of c.£75,000 when development fully completed.
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	2019	Ongoing dialogue with providers via the RHP GI Forum established in 2017, ensuring best practice and knowledge transfer e.g. Principles of Tree Management. RHP Forum briefed in November 2019 about new Manchester Housing Providers Partnership Portal which includes a GI focus has been launched Winter 2019

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		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. Lanscaping plan being delivered 2019/20 The University continue to integrate GI into delivery of their estate and landscape master plan, encompassing : green space to support climate change adaptation, GI and wellbeing, continued tree planting, promotion of UMAPIT species mapping app, monitoring of biodiversity on Campus, improving pollinator biodiversity on campus
		Nature based solutions via H2020 EU - GrowGreen	MCC	C	2017-20	Ongoing. Capital Works to deliver the new community park began on site September 2019with estimated completion June 2020. NBS Financing conference took place in May 2019.
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	2019	Work continues with Charlestown Community Primary in Blackley and Moston Lane Primary School on the Nature Friendly Schools project which will involve training teachers and improving grounds for nature. In addition the FS team have launched the Nature Tots programme in partnership with MCC at Boggart Hole Clough. They have run over 20 sessions now and attendance is steadily growing.

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		BITC SuDS and Schools project development as part of IGNITION GM £5million bid	MCC, BITC, GM	Citywide	2019-2022	<p>The purpose of the GM wide IGNITION project is to assess the viability of options in relation to the ongoing sustainable maintenance of GI, helping to increase the amount of GI across GM.</p> <p>Initial benchmarking work is being undertaken by the project team and will be complete by March 2020.</p> <p>Part time, IGNITION funded, 18 month post within MCC to develop opportunities for climate change adaptation and create a pipeline of projects for IGNITION funding has been appointed.</p>
		Protecting Playgrounds Project - monitoring, planning and installation of impact of tree planting on schools in Air Quality Management Areas	TfGM, Lancaster University	Citywide	2018 - 20	<p>Pre-installation monitoring has taken place and three schools have had the "Tredges" (treed hedges) installed.</p> <p>Received coverage on regional TV news</p>
		RSPB to deliver schools engagement programme involving Primary schools across the Mersey Valley and wider Manchester area	RSPB	S	2015-20	<p>April 2019 – present: 1833 connections, 7 schools</p> <p>April 2018 – April 2019: 3790 connections, 12 schools</p> <p>April 2017 – April 2018: 5611 connections, 19 schools</p>

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
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		Ongoing 2018/19 2994 trees planted including 3 orchards and 582 hedge trees. 2017/18 3348 trees planted including 4 orchards plus 1585 hedge trees 2016/17 2129 trees planted, including 6 orchards and 832 hedge trees 2015/16- 2960 trees planted, including 35 orchards plus 1080 hedge trees
		Manchester Principles of Tree management	MCC	Citywide	2019	Jan 2019 sign off and promotion of Manchester Principles of Tree Management. April 2019 - distributed to all Senior Management and Councillors Full i-trees Eco assessment for the City delivered
		Wythenshawe Woodlands – Red Rose Forest, Groundwork and Council project to deliver biomass products, biodiversity improvements, skills, training and volunteering opportunities. (Heritage Lottery Fund application re submitted June 2018).	CoT, MCC, GW	S	2018-2019	Continuation of Woodland Futures Project, a £182,900 HLF bid by CoT (see case study appended to committee report) involving community engagement and practical action to achieve the restoration and revitalisation of three important historic woodlands in Wythenshawe.
		Minimum of 4 new community orchards to be planted per year.	CoT, MCC, RHPs, CGs	Citywide	2019	Ongoing: 4 orchards planted 2018/19 4 orchards planted 2017/18 6 orchards planted in 2016/17 35 orchards planted in 2015/16

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		Development of city specific i-Trees Eco Assesment				Full i-Trees Eco assessment for the City delivered, providing a comprehensive and detailed appraisal of tree stock in Manchester, indicating that Machester has approximately 1.2 million trees, providing benefits worth over £3million to the City annually eg carbon sequestration, flood risk reduction.
		Map known community orchards across the city	MCC CoT	Citywide	2019	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	Deliver £1million Real Food Wythenshawe community training and capacity building project.	RFW, GW, RHPs, MCC	South	2018-19	Ongoing. Continued delivery of citywide growing project including Real Food Wythenshawe 3 x growing project case studies delivered, including National Trust Green Academies, Met Munch and Grow Manchester (see case study appended to committee report)
		Promote RHS in bloom campaigns	RHPs, MCC	Citywide	2015-19	Ongoing 154 In Bloom Awards citywide in 2018 166 In Bloom Awards citywide in 2017 126 In Bloom Awards citywide in 2016 130 In Bloom awards citywide in 2015
7	Gardens: protect and enhance private gardens	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
		Integration of My Back Yard (MMU partnership research project) into new G&BI Strategy Implementation Plan	MCC MMU	Citywide	2019	Integration into my Wild City project, with a separate my Wild Garden Focus. Over 650 info packs sent out.

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		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: <ul style="list-style-type: none"> • Creation of a forum to share best practice • Arranging 2 site visits per year to showcase best practice 	RHPs, RA, MCC	Citywide	2018	A new RHP Portal with a GI Focus has been developed by Groundwork which aims to facilitate and capture RHP activity.
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	2018/19 60% SBIs in active conservation management including Rosehill Wood - upgraded and now in active conservation management. MCC parks are funding the Wildlife Trust to create work plans for 5no.SBIs in parks and a further 6no. in 2020/21. 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.
		Map and survey SBIs to review current condition and identify opportunities for improvements.	MCC, Universities	Citywide	2015-2020	2 SBIs assessed by UoM Students - Painswick Park and Hatchetts Wood. This has used a new module that could provide new layers of data and management information for SBIs.

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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	2019-20	Continued work towards this target in 2019.
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	2016-20	<p>Delivery of a successful partnership project with University of Manchester, Public Health Manchester and MCC City Policy. Second year of a three year focussed PhD project, looking at the effects urban GI can play in relation to health and well being.</p> <p>MoHawk observational analysis tool developed as part of PHd</p> <p>Growing Manchester - continuation of programme assisting community food growing projects, supported by Manchester Health & Care Commissioning (MHCC) and delivered in 2019 by Sow the City (See case study appended to committee report)</p>

Objective 2 - Use appropriate green and blue infrastructure as a key component of						Owner: Eddie Smith, Julie Roscoe
Our Manchester link: A14 - Be a beacon for sustainable design.						
	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
1	Embed new and existing GI as part of residential developments	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:		All	2019-22	Highlight - launch of IGNITION project will consider SuDS options, with a project pipeline being developed. Information on GI baseline, across GM to be delivered by December 2019
		West Gorton Regeneration	MCC Guinness partnership/ Keepmoat Homes/ Communities Agency	Central	2017-21	Large new community park as part of a comprehensive neighbourhood regeneration, funded through GrowGreen as a nature based solution to increase climate resilience within an urban area. Community consultation completed. Project delivery arrangements agreed. Capital works began on site September 2019 with completion expected by June 2020.
		Northern Gateway	MCC	North	2019-24	Ongoing. Subject to successful bid for £51m Housing Infrastructure Fund, over the next 5 years: -Progress plans for a brand new 15 acre riverside park over 1400 linear metres as part of the Northern Gateway development. -Remove river wall culverts and weirs to mitigate flood risk -Address current poor water quality and aquatic habitats -Naturalise river banks to provide opportunities for riverside habitats and planting and control invasive species such as Japanese Knotweed -Introduce new walking and cycling routes through the lower Irk Valley -Introduce sustainable drainage solutions (SuDS) and swales within the park to control water run-off from new development. Establishment of NG GI group
		New Collyhurst Park - aligned to a phased delivery of new housing in Collyhurst	MCC	North	2019-24	Approval of the final version of the SRF which includes the delivery of the New Collyhurst Park, which will connect Collyhurst to the City River Park via Sandhills Park and which will include: -water features providing sustainable drainage whilst referencing the existing watercourse beneath the ground; -play areas -lawn areas providing open space for sport and recreation.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
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	2015-2025	(See below)
		St John's public realm strategy	MQL (partnership between Allied London & MCC)	CC	2019-21	The Factory Arts and Cultural Centre plus a landscaped events space, hotel, work and retail space. Ongoing delivery of a place making strategy involving 13 acres of public realm with hard landscaped public realm. street trees, green walls and access to the riverside. Due to complete in 2021
		Great Jackson St SRF	Renaker, MCC, De Trafford	CC	2018 -	Ongoing. Jackson St SRF was approved in May 2018 with the aim to 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. The Owen Street development is on site, which includes a large riverside public open space. Two out of the four buildings have been completed with the landscape works commenced. Crown St proposals which include a large green public space have received planning permission. Building work has commenced with the open space to follow. Public consultation has taken place (Nov 2019) for Crown Street phase 2- this includes high density residential-led development including a school, public park, public car park and landscaped public realm
		New Cross Public Realm Strategy and supporting Delivery Strategy	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.

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		Mayfield public realm	LCR, MCC, TfGM	CC	2018 - 28	SRF Approved Feb 2018. 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. Successful public consultation on Mayfield took place July 2019, including a workshop with MCR GI Group. Mayfield planning application now submitted.
		Medieval Quarter	MCC, Cityco, Chethams, Cathedral	CC,	2016 - 20	This includes a public realm strategy for the Medieval Quarter predicated on a landscaping scheme which provides an appropriate setting for some of the city's most historic architecture. Funding including for the Attack Memorial garden has now been secured. The new public realm scheme, incorporating the Memorial garden, will be developed in 2020 on Victoria Street alongside the River Irwell.
		Great Ducie Street	MCC and land owners	CC	2018 - 23	Development contributes directly to the city's G&BI Infrastructure Strategy, placing an emphasis on high quality place making. The area possess natural assets, notably the River Irwell which offers a significant opportunity to create high quality public spaces. SRF approved in Aug 2018 includes high quality public spaces which will be delivered through a phased approach as part of future development. A key green space is proposed within the 'park place' character area. No planning application in yet
		North Campus Strategic Regeneration Framework (ID Manchester)	UoM, MCC	CC	2017- 27	The North Campus 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 replaced/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. Shortlist of developers announced Nov 19. Preferred developer to be chosen in Autumn 2020

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		Kampus	Henry Boot, Capital & Centric	CC	2018-20	<p>Located in the centre of Manchester near Canal Street, a new open space is being created as an oasis within the heart of the new £250m neighbourhood being developed by Capital & Centric and HBD.</p> <p>With lush greenery and towering trees the garden will bring a new green space to the city which will be open to everyone to enjoy from next year. and is expected to be open in Spring 2020</p>
3	Embed GI as part of major employment developments	Manchester Science Park	MSP, MCC	CC	2019-24	Updated SRF approved in Sep 2019 which includes the co-ordinated delivery of increased floorspace together with GI which will have a robust maintenance strategy.
		Airport City	Manchester Airport City Group, MCC, Plan.it and developer partners	South	2012-2027	<p>Ongoing development of international business destination, including offices, hotels and ancillary retail in a high quality environment.</p> <p>Environmental works set out in a series of planning applications include: Wildflower meadow, accomodating emergency surface water storage and tree planting at Airport North</p> <p>Pedestrian and cyclist bridge (under construction) and landscaping at Airport Campus</p> <p>14.8ha of landscaping and ecological mitigation and significant tree planting within Airport City south</p>
		Lincoln Sq, Brazennose Street	MCC	CC	2018-20	Currently on site with expected completion 2021. Funding strategy agreed to improve public realm, hard landscape and street trees, enhancing the connection between Spinningfields and the Civic Quarter.
		Circle Square	Bruntwood	Central	2015-19	Mixed student residential, leisure and office development. Two student blocks already on delivered and occupied with a fast development timescale for the remainder of the scheme. The scheme includes over 23,000sqm of public realm with significant green space (equivalent of four football pitches), 180 semi mature trees and over 1,000 plants and flowers, currently being delivered on site. Near completion of site wide public realm - This work is anticipated to be complete in 2020
		Eastern Gateway - Piccadilly/HS2 SRF	MCC, HS2, Network Rail	Central/ Ardwick	2019-22	Ongoing involvement around design development
		Town Hall and Albert Square	MCC	CC	2018-21	As part of Our Town Hall project a new public realm strategy is being developed which will link Lincoln Square and Brazennose Street- will include trees and low level planting.

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		Deansgate Ramada Hotel area	MCC	CC	Long term	SRF shows removal of car park and hotel with the construction of three new buildings to create commercial development and a new hotel with G&BI and improved riverside access.
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	2018	Continued liaison with development management and use of expertise within GBI Stakeholder Group where appropriate and as opportunities arise - March 2019 - Grow Green Finance Seminar. Over 150 attendees. May 2019 - Green Roof Seminar - Peel Holdings June 2019 - SuDS Seminar - CoT
5	Embed GI as part of new schools and major refurbishment	Deliver 'water resilient places' pilot project	BiTC, MCC	C	2018-20	Appointment of part time 18 month post to develop opportunities for climate change adaptation. The aim of the project is to create a pipeline of projects suitable to be progressed through the funding stream established through the IGNITION project. Initial work has commenced on assessing the potential to reduce water service charges on 3no. school sites.
6	Establish temporary 'meanwhile' uses on sites awaiting development	Cityco and partners to develop stewardship and adoption of city centre GI	Cco, CRT	Citywide	2018	The Council is working with partners to deliver a major new 6 acre city centre park as part of the Mayfield regeneration proposals. Community consultation in May prior to planning application for phase 1.

Objective 3 - Improve connectivity and accessibility to green and blue infrastructure within the city and beyond Owner: Steve Robinson, Richard Elliott

Our Manchester links: A13 - Be on a path to being a zero-carbon city by 2050*(Now by 2038 at the latest)
LL2 - Encourage walking, cycling and use of public transport, and continue to invest in infrastructure this requires

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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	2015-20	A joint project with Mersey Rivers Trust being developed improving habitat along the Irk and Moston Brook
		Develop Mersey Valley Strategy	MCC, RSPB	South	2019-21	Appointment of new River Valley post within Parks Team. Links to the work with the RSPB which includes the development of an inter connected network of appropriately managed and accessible greenspaces. River Valley Action Plans currently being prepared for tender in Spring 2020
		River Valley Park along R Irk as part of Northern Gateway	MCC, FEC	CC, North	2019-24	Installation of two main new river walk pathways that will create approximately 1400 linear metres of fully accessible and inclusive routes that connect developments within the Red Bank neighbourhood with both the City Centre, adjacent residential areas/ community facilities within Cheetham Hill and Collyhurst, and wider pedestrian/ cycle connectivity along the river valley corridor. River Valley Action Plans currently being prepared for tender Spring 2020

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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	2015-20	Ongoing. TfGM, working in partnership with MCC, CoT, the Ramblers Association (RA) and Living Streets has enabled the refreshing of Manchester's Green Trail (previously called Manchester's Green Corridor) - a walking circuit made up of 14 routes originally established in 2012. These routes connect many of the City's parks, woodlands and open spaces. The Green Trail was launched July 2019 and is being promoted through RA website and through MCC Parks
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.	
Establish a programme of citywide SuDS retrofit and identify funding for delivery		MCC	Citywide	2015-20	Ongoing. Discussions have taken place with United Utilities regarding adoption of SuDS through the GM IGNITION Project. This is looking at innovative ways to fund nature based solutions e.g. by reducing water rates on city council stock through increasing GI coverage.	
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. The scheme was granted Conditional Approval in April 2018, in line with the agreed Growth Deal governance arrangements. Detailed design work has been prepared to support the Full Approval Business Case approved Oct 2019. Start on site scheduled for early 2020. Scheme will improve pedestrian and cycling environment along and across the route and include the planting of 70 new trees.	

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3	Cross boundary working to improve access and connectivity	Link GI within the city with surrounding assets within GM, ensuring that strategic level approach to GI including accessibility is incorporated within any review of the Core Strategy and within the GM Spatial Framework.	MCC, GMCA,	Citywide	2015-20	Development of GM Mayor's 2nd Green Summit March 2019 Continued collaborative working with GM Districts: March/April 2019 - Launch of Natural Capital Investment Plan and GM EcoSystem Services Approach via Mapping GM, which has complemented the Nature of Manchester work.
		Continued support and promotion of Trans Pennine Trail (TPT) initiative MCC works with the central TPT team at Barnsley on governance, overall finance, management, marketing etc, which includes an annual payment by MCC of around £4000. MCC works with other GM LAs on the route on cross-boundary matters, meeting 3 times a year	MCC, TPT	S	2015-20	Ongoing repairs and maintenance to TPT, mainly actioned by highways or neighbourhood team - Annual events to increase awareness and use of TPT including Chorlton St Clements Church fun run and Ultra Marathon Work progressing on: - New bridge at Jackson's Boat. - Upgrading of footpaths around Jackson's Boat/Chorlton to bridleway status, for use by equestrians and cyclists - Exploring possible link to the emerging Bee-network via Hardy Lane area Developing project to upgrade footpath from Chorlton Water Park to Princess Parkway. Manchester will be chairing the GM Group that coordinates the TPT. Annual monitoring exercise to check for any issues, currently done by a volunteer
4	Use active and sustainable transport to access green infrastructure in the city and beyond	Mayor's Challenge Fund (MCF) Bee Network Schemes accepted for Programme Entry June 2019 (further details below): Chorlton Cycleway Northern Quarter Princess Rd/Mancunian way Levenshulme Rochdale Canal Metrolink Cycle Parking	MCC TfGM	Citywide	2019-	Full business cases to be worked up (See below for further detail) This list includes schemes approved under Tranche 6 at the GMCA committee meeting held on the 29 November 2019

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		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 2019-21	Public consultation completed. Works commenced on site in November 2019 on the first phase of the Chorlton Cycleway (the northern part of the route). Consultation responses are being used to review the detailed design of each part of the scheme.
		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 2020	Following consultation further design work is currently being undertaken.
		Princess Rd/Mancunian Way - Improving access for city centre residents to open space beyond the city centre	MCC	CC	2019-20	Roundabout improvements – removal of subways and surface level pedestrian and cycle crossings facilities. Work is underway and due to be completed by Summer 2020 as part of other ongoing infrastructure improvement works
		Levenshulme Active Neighbourhood	MCC	C	2019-21	Levenshulme is the first community led MCF scheme and has been the subject of a community workshop to firm up proposals for the area.
		Rochdale Canal	MCC CRT	C	2019-20	Improvements to the canal towpaths and improved access – discussions required with the Canals & Rivers Trust regarding scheme details, and further design work taking place. Subject to business case approval, works likely to be commenced in Autumn 2020
		Fallowfield Loop (Manchester Cycleway)	TfGM	S	TBC	Improvements to lighting and seating along the route. The scheme has secured programme entry. TfGM are undertaking a prioritisation process to determine if this scheme is to be delivered within Wave 1 of funding

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		Rochdale/Oldham/Manchester Route	MCC/RBC/OBC	N	TBC	It is proposed to introduce segregated cycle lanes and improve the junctions and crossing along this route that will connect Oldham and Rochdale to north Manchester improving access to open spaces such as Broadhurst Playing Fields. The scheme has secured programme entry. TfGM are undertaking a prioritisation process to determine if this scheme is to be delivered within Wave 1 of funding.
		Metrolink Cycle Parking - will improve accessibility to Heaton Park	TfGM	N	2019-20	TfGM have applied for funding for additional cycle parking for all Metrolink Stations on the Bury line north of Piccadilly (Queens Road, Abraham Moss, Crumpsall and Bowker Vale)
		Identify and promote public transport routes that can be used to access major parks and greenspaces in Manchester and beyond	MCC, TfGM, CoT	Citywide	Ongoing	Development of Green Connections project with TfGM and CoT. Green Trail revised and launched July 2019.
		Explore the development of a network of walking and cycling routes to access open spaces in Manchester and beyond	MCC, TfGM	Citywide	Ongoing	This work is being developed as part of the wider GM wide Bee network of cycling and walking infrastructure network and is in early inception stages. The revised Bee Network map was published in June 2019. A number of schemes across Greater Manchester have been accepted to the first stage (programme entry) for funding through the MCF fund. These will now be subject to the development of business cases before funding is finally approved and they are implemented.

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
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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 2019
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	2019	Nature of Manchester (The Eco-system services assessment of Manchester wards using benefits wheel) has been finalised
2	Embed GI in key plans and policies	Embed GI into the review of the Local Plan in line with Our Manchester We Wills	MCC	Citywide	2019-22	Report to Executive on Local Plan Issues and Options with initial public consultation planned for early 2020 To support the Local Plan Review development, new evidence gathering is being commissioned, including: - River Valley Action Plan work - technical work appraisal - integration into Green Cities Framework
		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	2015-20	Ongoing. RHPs developing independent plans. April - May - Meeting between RPS and MCC. A new RPs engagement programme being considered by Groundwork

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		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	2018-19	Nature of Hulme work, collaboratively produced, has enabled eco system service evidenced opportunities to be embedded into ward plan. Nature of Ardwick and Northern Quarter Nature work in development.
		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.	MHWB	Citywide	2018	Third year of three year focussed PhD project, looking at the effects urban GI can play in relation to health and wellbeing.
		MCC, GMEU, LWT and other partners to review the Manchester Biodiversity Action Plan in the context of the new GI Strategy and agree next steps	MCC, GMEU, LWT	Citywide	2018 -22	My Wild City public consultation completed to support development of new Biodiversity Strategy. This has included an online survey with over 2,000 responses, face to face consultation with interested groups e.g. Friends of Parks, My Wild Library Partnership through Library Service e.g engagement activity in Newton Heath and Rusholme
		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, CoT	Citywide	2018-19	Promotion of Principles of Tree Management for Manchester. Full I-trees Eco assessment for the City delivered

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		The Greater Manchester Transport Strategy 2040 (formerly LTP) was published by TfGM in February 2017 and sets out long-term proposals to create a cleaner, greener, more prosperous city region through better connections and simpler travel supported by a five year delivery programme.	TfGM	Citywide	2015-20	Ongoing. Within the Strategy there is a focus on improving the quality of life of residents partly through providing good walking, cycling and public transport access to leisure facilities and links to green spaces. Jan 2019 - Publication of Draft Delivery Plan 2020-2025 setting out 65 transport projects that are planned to be delivered in the next 5 years towards meeting the objectives of the Strategy. See Objective 3 above.
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	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 Successful bid for £5mill EU project IGNITION with European Investment Bank looking at investigating alternative ways of funding GI interventions within GM. Oct-Dec 2019 GI Baseline for GM delivered.
		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 to be completed in Jan 2020. PhD continues research into increasing understanding of connection between green infrastructure and physical activity/wellbeing MoHawk observational assessment tool developed as part of PHd.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		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	2016-19	Green Growth ongoing - final report due out
		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. GrowGreen engagement and masterplanning undertaken. IGNITION project commenced to look at financing climate resilient GI in Cities
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	2015-18	Ongoing. MeMo project in development, MCC dashboard
		Applying for national awards wherever appropriate e.g. Britain in Bloom RHS Awards for community greening projects	MCC + others as appropriate	Citywide	2015-18	2018 CIEEM Award Winner GI Strategy Floating Ecosystems nominated finalist Clean Streams nominated finalist 130 In Bloom awards citywide in 2015 126 In Bloom Awards citywide in 2016 166 In Bloom Awards citywide in 2017 154 In Bloom Awards citywide in 2018 Elizabeth Gaskell's House garden in Ardwick has won a prestigious Silver Gilt award in this year's RHS Britain in Bloom competition within the Small Visitor Attraction category.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		Development and promotion of case studies demonstrating best practice	MCC and all other stakeholders	Citywide	2015-20	54no. G&BI case studies approved. Manchester first NW City signed up to international Cities with Nature network. The city's GI showcased via - Grow Green National Assembly in Wroclaw, Poland - Grow Green Sponge Cities Vist to Wuhan, China - EU Cities and Regions Assembly in Brussels - Grow Wild National Seminar Belfast, Northern Ireland
5	Raise the awareness of the benefits of GI through public communication, education and training	Use the publicity around nationally promoted GI projects to improve local awareness of GI benefits and encourage behaviour change.	MCC + others as appropriate FoE, UoM	Citywide	2019	June 2019 - Manchester Festival of Nature (MFoN) Nature of Manchester work showcased at 3 international events and 5 internal workshops
		Embed GI in public activities aimed at behaviour changing e.g. to increase community responsibility and ownership of shared spaces	RHP, MCC	Citywide	2019	Ongoing. See Bloom Awards above
		Disseminate information on new opportunities for local groups to become involved in GBI through liaison with neighbourhood officers.	MCC, local groups	Citywide	2018-20	Community Leaders Programme delivered in Central Area 2000 people engaged through My Wild City Consultation
		Training session for developers, planners, urban designers, to increase awareness of cost benefits of incorporating SuDS in development and highways schemes.	MACF, MCC	Citywide	2019-22	GI Learning sessions provided to: Highways Engineers PRI Team Deloitte Planning Team HS2 delivery Team GM Forest Partnership

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
		RSPB appoint new family engagement officer	RSPB, MCC	Citywide	2016 - 18	2016: 1081 people engaged with Nature 2017: 1386 people engaged with Nature 2018: This part of the Aldi funding has now come to an end. However, volunteers at Chorlton Water Park have continued to use the resources to deliver a total of 351 connections to nature so far this financial year.
		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	2015-18	Ongoing. April 2018 - present: 479 nature connections so far across 16 schools 2016/17: 2360 nature connections across 16 different schools. 2015/16: 7 Schools visited 978 students engaged
		Manchester Museum to identify opportunities to promote the city's natural environment at national and international level	MM	C	2019	April 2019 City Nature Challenge, a global competition to have the most recorders, recording the most species, took place during nine events in Manchester's Parks and green spaces. Over 5,000 observations were made on urban wildlife, with 100 recorders receiving training.
		Manchester Museum to deliver the wildlife friendly gardening project to promote wildlife friendly gardening to residents and visitors and promotion of nature via '7 Million Wonders' brochure	MM	C	2018-20	Ongoing. New Natural Cultural Heath Service programme launched via the Whitworth Gardening project linked in with Whitworth Park

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Progress 2019
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.	MCC, MFoN Partnership	Citywide	2019	<p>March 2019 - GI Presentation delivered to APSE NW Network,</p> <p>May - Briefing given to Sefton MBC and Leeds City Council,</p> <p>June 2019 - 7500 Attended First MFoN in Heaton Park, with activities led by 22 environmental and related organisations.</p> <p>June 2019 - Cities with Nature Pledge</p> <p>Four nature events over the summer organised in partnership with the Whitworth Art Gallery attracting over 350 people, 250 of which attended a family big hunt in August.</p> <p>Developing of cultural activity eg Irk - Wupper partnership 2019 and work with Manchester histories around Irk/Wupper oportunities</p> <p>GrowGreen General Assembly with GI Strategy focus to Grow Green network, in Wroclaw</p> <p>October EU Cities and Regions Conference</p> <p>November Belfast Green City Seminar</p>