

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	Actions from April 2021.
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, S C,	2015-22	Continued work on the River Valley Strategies for Manchester. The Our Rivers Our City, delivered by a consortium led by TEP, Groundwork the Rivers Trusts and VIVID Economics. The Strategy was launched on December 7th 2021.
		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	2015-22	Outline Medlock masterplan integrated into Our Rivers our City. Work commenced on the re naturalisation of a 400m stretch of the Medlock as part of city the centre Mayfield development.
		Irk Valley Project: to improve access to the river valley, water quality, biodiversity and use by local people.	GW, MCC, EA	N/C/CC	2015-22	Outline Irk masterplan integrated into Our Rivers Our City, and also into the wider catchment Bringing the River Irk to Life project (BRIL)
		Moston Brook Project: to improve access to the river valley, water quality, biodiversity and use by local people.	MCC, OMBC, GW, LWT	N	2015-22	Ongoing community engagement and public events programme - integrated into the Our Rivers Our City work

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
		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	2020-22	Outline Mersey masterplan integrated into Our Rivers Our City work. RSPB have recruited a new engagement role which will support work in the Mersey Valley.
		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	2021	Ongoing. Capital works secured for City Centre Rochdale Canal improvements, including new £60,000 Biomatrix installation, plus new consultation around the undercroft.
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	Ongoing. Complete 15 plans in the first year and a further 35 plans by the end of year 3, giving a total of 50 Park 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	New Park Development Team established to deliver new £12.5 Million Park Development Programme.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
		Capital programme of improvements agreed	MCC	Citywide	2020-25	Relaunched in 2021 as £12.5 million park development programme.
		Angel Meadow, Victoria North	MCC(Parks) FEC	N	2019-22	Capital sum obtained from developer of 'Meadowside' development (FEC) of £150k to be spent on upgrading park over next 2 years. Led by MCC Parks. 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	2021-22	RHPS under the leadership of Southways relaunched the Providers GI group in 2021.
		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	2015-22	Ongoing. Lanscaping plan delayed due to Covid
		Nature based solutions via H2020 EU - GrowGreen	MCC	C	2017-22	West Gorton Community Park delivered. Subject to 5 years post completion monitoring. Additional funding has been secured to develop a new Friends of Group which the Groundwork Trust are leading on.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
		Manchester University NHS Foundation Trust	MUNHSFT	Citywide	2017-22	Ongoing. 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
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	2021-22	Ongoing. Further funding secured for 2021.
		BITC SuDS and Schools project development as part of IGNITION GM £5million bid	MCC, BITC, GM	Citywide	2019-2022	NEW GI Baseline has been delivered for Manchester. Work is ongoing to deliver a planning support system - GM GI Explorer. A new Living Lab in Salford University highlighting NBS was opened in June 2021.
		Protecting Playgrounds - monitoring planning and installation of this air quality and schools project		Citywide	2018 - 21	Completed. Optimum tree species for roadside hedge planting as buffer to particulates is established as Western Red Cedar. Still awaiting final results.
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	2015-22	Ongoing 2015/16 - 2960 trees planted, including 35 orchards plus 1080 hedge trees 2016/17 - 2129 trees planted, including 6 orchards and 832 hedge trees 2017/18 - 3348 trees planted, including 4 orchards plus 1585 hedge trees 2018/19 - 2994 trees planted, including 3 orchards and 582 hedge trees 2019/20 - 9817 trees planted, including 6812 hedge trees 2020/21 - 4286 trees were planted including five orchards and 2036 hedge trees

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
		Wythenshawe Woodlands – City of Trees (formerly 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). The project has been extended, after a successful bid to Green Recovery Challenge fund by CoT and Groundwork 2021-23.	CoT, MCC, GW	S	2018-2022	Restoration and revitalisation of three important historic woodlands in Wythenshawe through £182,900 HLF bid by CoT. Continued Community engagement and practical action across 3 Woodlands in Wythenshawe. New bid as part of green recovery challenge successful meaning more Wythenshawe woodlands will benefit from 2022.
		Minimum of 4 new community orchards to be planted per year.	CoT, MCC, RHPs, CGs	Citywide	2015- 22	Ongoing 35 orchards planted in 2015/16 6 orchards planted in 2016/17 4 orchards planted 2017/18 4 orchards planted 2018/19 0 orchards planted 2019/20 5 orchards planted 2020/21
		Map known community orchards across the city	MCC CoT	Citywide	2020-22	Ongoing. Liasing with CoT and Urban Orchard Project. New programme of 8 community orchards established.
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	2018-21	Completed. Delivery of citywide growing project including Real Food Wythenshawe. Funding has ended for RFW.
		Promote RHS in bloom campaigns	RHPs, MCC	Citywide	2015-22	Ongoing 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 152 In Bloom Awards citywide in 2019 154 In Bloom Awards citywide in 2021

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
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	2015-22	<p>Creation of boundary hedge and planting of woodland canopy, coppice plots and understorey species on wide verge between Winterman's Road and Southern Cemetary on edge of Arrowfield Estate. All native species with biodiversity gain. Ad hoc planting with local volunteers did take place but most undertaken by contractors.</p> <p>Creation of wildflower area in the Community Zone of Green Flag site, implemented during community day working with Groundwork as part of Green Recovery Challenge phase 1. Seeding done by residents following site preparation by Groundwork. NB 2 MCC ward cllrs took part.</p>
		Integration of My Back Yard (MMU partnership research project) into new G&BI Strategy Implementation Plan	MCC MMU RHPs	Citywide	2019-22	New GM wide My Wild Garden Campaign established, using the My Back Yard information.
		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	2018-22	RHPS re launched the Providers GI group in 2021.
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	2015-22	2021/22 62.16% of sites in active conservation management. 23 in active management, 14 not in active management. New SBI Management Plans for Boggart, Bank Bridge, Broadhurst, Painswick, Rose Hill. In progress -Clayton Vale ponds, Nan Nook and Gib Lane Woods, Sunbank, Harpurhey Reser's, Blackley Forest, and Baileys.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021.
		Map and survey SBIs to review current condition and identify opportunities for improvements.	MCC, Universities	Citywide	2015-2022	4 SBIs assessed by UoM Students - Sunbank Wood Plan, Hazlitt Wood and Broadhurst Clough, Gibb Lane Wood
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 Broadhurst Clough as candidate sites and within Parks	MCC, NE, GMEU	Citywide	2015-22	Continued work towards this target in 2021
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	2015-22	Ongoing. Delivery of a successful partnership project with University of Manchester, Public Health Manchester and MCC City Policy. The Phd work was completed in 2021. Successful extended funding will enable a focussed look at site usage around Victoria North

Objective 2 - Use appropriate green and blue infrastructure as a key component					Owner : Julie Roscoe	
Our Manchester link: A14 - Be a beacon for sustainable design.						
	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions from April 2021
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:				see below:
		West Gorton Regeneration	MCC Guinness partnership/ Keepmoat Homes/ Communities Agency	Central	2017-22	Completed. West Gorton Community Park created. Launched Summer 2020. 2021 work being undertaken to establish a friends group and ongoing environmental monitoring.
		Victoria North	MCC	North	2019-24	Ongoing 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 -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
		New Collyhurst Park -aligned to a phased delivery of new housing in Collyhurst	MCC	North	2019-24	Deliver the first phase 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.

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 Public Realm spaces are Festival and Factory squares which will cost £5 m and include new tree planting and a riverside walkway. This work will be completed by March 2023. Allied London Properties will provide additional public realm with tree planting throughout the area as developments are completed over the next few years. 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.
		Great Jackson St SRF	Renaker, MCC, De Trafford	CC	2018 - 22	Ongoing. A new SRF was agreed in May 2018. The aim is 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. Subterranean car park is now under construction. Once constructed the public park element will be delivered on top. This will provide a mix of hard and soft landscaping. Deansgate Square public realm is now complete providing open views of the river, this space is also now activated by mix of retail and leisure amenities.
		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.

	Mayfield public realm	LCR, MCC, TfGM	CC	2018 - 28	The new 6.5 acre public park at Mayfield is close to completion, following approval of a £23m Getting Building Fund grant from Government. The main works will complete in March 2022, with formal opening in September 2022. Green and blue assets are developed through opening up the River Medlock as a feature through the park, as well as through the provision of flood defences. The park is designed to enable a wide range of uses, providing a large open lawn, children's play area, and a wetland meadow along the River Bank. 400 mature trees, comprising 43 different species are being planted, and around 60,000 new plants of 250 different species will be planted across the entire park. The sustainability of the Mayfield Park is further enhanced through the re-use of existing structures such as bridges and heritage features. The SRF includes a further 6.5 acres of public realm across the wider Mayfield site.
	Medieval Quarter	MCC, Cityco, Chethams, Cathedral	CC,	2016 - 22	The first phase of the Medieval Quarter public realm works opened in January 2022. This included a mix of hard landscaping and new planting/green infrastructure. This scheme also delivered the Glade of Light, a memorial to the Arena attack victims. As per the approved Masterplan there are plans for further phases however the CCG+I team along with key stakeholders including Manchester Cathedral are currently seeking funding opportunities to deliver these.
	Great Ducie Street	MCC and land owners	CC	2022 - 25	Development contributes directly to the city's G&BI Infrastructure Strategy, placing an emphasis on high quality place making. The area possesses 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 development plans have yet been brought forward by landowners within this SRF area.

		North Campus Strategic Regeneration Framework (ID Manchester)	UoM, MCC	CC	2022 - 30	This remains a longer term regeneration priority for the city. Due to the size and scale this will be phased over the next decade. Since the last update, the UOM (landowner), has appointed Bruntwood as their development partner. Bruntwood are now developing more detailed proposals in accordance with the approved SRF of which public realm and green infrastructure is a prominent feature.
		Kampus	Henry Boot, Capital & Centric	CC	Complete	<p>Large site for retail and apartment development adjacent to the canal. GI elements integrated and delivered, including 25 mature trees.</p> <p>In Q4 2021 the majority of development at Kampus was completed with the site opening to residents and the general public. This includes a mix of high quality public realm and green infrastructure via planting throughout the scheme. The site also provides an interface with the adjacent canal.</p>
		Manchester Science Park	MSP, MCC	CC	2019 - 26	The SRF for the MSP site was approved in 2019. This set out the aspiration to provide increased floorspace target at innovation and life sciences organisations facilitating increased high value employment opportunities. No detailed proposals have been brought forward by the owner of the science park. The ambition to provide enhanced GI and improved connectivity is captured within the framework.
		Implementation of City Releaf City Centre opportunity mapping as opportunities arise.	MCC	CC	2019-21	Ongoing.
3	Embed GI as part of major employment developments	Airport City	Manchester Airport City Group, MCC, Plan.it and developer partners	South	2012-27	Ongoing development of international business destination, including offices, hotels and ancillary retail in a high quality environment.

	Piccadilly Gardens	MCC	CC	2022 - 25	The City Council has launched an international design competition to redesign the existing wider Piccadilly area and has allocated £1.8 m to work a scheme up to detailed design. An announcement on a long list of design teams is expected in March 2022 to develop Concept Designs. The estimated costs of the scheme based on work undertaken at St. Peter's Square and works underway at Albert Square is circa £25 m.
	Poland Street Zone (Back of Ancoats) Public Realm Strategy	MCC and developer partners	CC	2022 - 26	The draft Public Realm Strategy (PRS) was launched for consultation in January 2022. It builds on the Poland Street Zone Neighbourhood Development Zone study (2020), which sets out how approximately 1,500 new homes will be built in the years ahead. The PRS will guide the design and delivery of public realm in this area, helping to create a sustainable, safe and desirable neighbourhood that promotes walking and cycling. Soft landscaping and tree planting along new 'green streets' are key elements of the strategy, as is a revitalised Ancoats Green. The strategy will also help to ensure that a holistic approach to public realm is taken as schemes in this area come forward, including the Ancoats Mobility Hub which itself has a significant amount of soft landscaping. The PRS will go to Exec for approval in March 2022 following consultation. Delivery will be undertaken in various phases thereafter, subject to funding.
	Lincoln Sq, Brazenose Street	MCC	CC	Complete	The site completed in December 2021. Some final elements of delivery are currently still being finished on site. This provides a high quality square in the heart of the city centre. Adjacent to this on Mulberry Street a secondary hard landscaped square (Mulberry Square) has been delivered linked to the Yotel hotel development which incorporates an assortment of planting improving public realm, hard landscape and street trees, enhancing the connection between Spinningfields and the Civic Quarter.

		Circle Square	Bruntwood	Central	2015-21	<p>The public realm opened to residents and the general public along which the surrounding residential and commercial development in 2021. The space is well used by those living in the surrounding apartments and VITA student accomodation. The scheme provides new links between First street, Oxford Road Corridor and the developing ID Manchester. The underground commercial units which sit under the primary public space are set to open in early 2022 which will further activate the space.</p> <p>There are 2 future commercial development plots still to be delivered which will include public realm consistent with the wider site.</p>
		Eastern Gateway - Piccadilly/HS2 SRF	MCC, HS2, Network Rail	Central/ Ardwick	2019-22	<p>A draft new Public Realm Strategy for the Ancoats Green area was taken to the Executive in January 2022, and is now out to public consultation, with a view to receiving Executive approval for the final strategy in March 2022. We continue to work with HS2 to maximise the provision of high quality public realm around the station. New public realm is planned for Portugal Street East, with delivery due to start on site shortly. Further public realm plans for the Piccadilly SRF area will depend on the final design and programme for the HS2 station.</p>
		Deansgate Ramada Hotel area	MCC	CC	Long term	<p>Work has started on site, the hotel is currently being delivered with completion expected in December 2022. The public realm and riverside route are linked to the residential and commercial development with demolition underway to facilitate this. We are now also looking at working collaboratively to deliver new public realm including planting along the stretch of Deansgate between Victoria Bridge Street and Blackfriars Street. This will allign with the wide Deansgate project.</p>
4	Retrofit new GI to existing buildings, particularly in the city centre	MCCA 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	2021	<p>Ongoing. Continued liaison with development management and use of expertise within GBI Stakeholder Group where appropriate and as opportunities arise - Integration of Climate Adaptation Delivery of Bruntwood BLOC smart green roof.</p>
5	Embed GI as part of new schools and major refurbishment	Deliver 'water resilient places' pilot project	BITC, MCC	C	2018-22	<p>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.</p>

6	Establish temporary 'meanwhile' uses on sites awaiting development	Cityco and partners to develop stewardship and adoption of city centre GI	Cco, CRT	Citywide	2021-25	Continued consideration of the potential to improve sites for temporary GI use where appropriate
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Objective 3 - Improve connectivity and accessibility to green and blue infrastructure within the city and beyond Owner: Steve Robinson, Michael Marriot

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

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
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	2015-22	GW £1million Resilient River valleys bid was successful, and began in Nov 2021.
		Develop Mersey Valley Strategy	MCC, RSPB	South	2022	New Our Rivers Our City work with integrated Mersey Valley Plan launched in December 2021. GW Resilient River Valleys project will continue in 2022
		River Valley Park along R Irk as part of Victoira North	MCC, FEC	CC, North	2019-24	Outline masterplan developed for Victoria North. BRIL (Bringing the River Irk to Life) Project delivered by Environmnet Agency in 2021. New Our Rivers Our City work with integrated Irk Valley Plan launched in December 2021. GW Resilient River valleys project will continue in 2022
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	2015-22	Delivered with ongoing promotion. TfGM worked in partnership with MCC, CoT, the Ramblers Assoc and Living Streets to deliver 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.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		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	2021-23	Ongoing. Integration of GBI interventions along Bee Network projects where possible.
		Establish a programme of citywide SuDS retrofit and identify funding for delivery	MCC	Citywide	2015-22	Ongoing. Programme of Ordinary water course improvement and trash screen cleaning in progress.
		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	2020/21	70 new trees were planted as part of the project along Great Ancoats Street, with sustainable urban drainage systems.
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 the new Local Plan and GM Places for Everyone.	MCC, GMCA,	Citywide	2015-22	Continued collaborative working with GM Districts, through IGNITION project, Natural Course and Biodiversity Net Gain work.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		<p>Continued support and promotion of Trans Pennine Trail (TPT) initiative</p> <p>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</p>	MCC, TPT	S	2015-22	<p>The TPT runs across the north of England from Southport to Hull and beyond. It passes through Manchester along the Mersey valley. The past year has seen larger than normal user numbers, mainly people who live nearby encouraged to go out locally during lockdowns. Various events have been held, including an ultra-Marathon from Old Trafford to Liverpool via Chorlton Water Park, and a half Marathon from Stockport to Didsbury. The annual monitoring exercise has been undertaken by Council staff. This identified issues with signage and surfacing. Initial scoping work has begun to correct these issues, in partnership with Trafford Council and Highways England. Undergrowth has been cut back at East Didsbury alongside the Metrolink to keep the path clear for use and this is scheduled to take place twice a year in future.</p>
	Use active and sustainable transport to access green infrastructure in the city and beyond	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 2021-22	<p>Chorlton Cycleway - 5km route south from the city centre to Chorlton. This scheme is split into 4 areas. Area 1 (Stretford Road/Brooks Bar) is now complete. Works are underway on Area 2 (Upper Chorlton Road) and in Area 4 (Barlow Moor Road) where they are nearing completion. In Area 3 (Manchester Road) works were commencing in December 2021 in 3a but designs are still to be finalised in 3b.</p>

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		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 2021-22	This scheme is separated into 4 areas with the Area 1 (Ducie Street/Dale Street) nearing completion. Area 2 (Stevenson Square) was subject to a further phase of consultation in November 2021 with further design work ongoing to discuss potential options and solutions with bus operators. Whilst Areas 3 (Thomas Street) and Area 4 (Withy Grove/Shudehill) have been subject to consultation and final designs are currently being worked up.
		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. This scheme was completed at the end of 2020
		Levenshulme and Burnage Active Neighbourhood - includes a series of signalised and minor junction upgrades, parallel crossings, modal filters and investment in streetscapes to encourage local trips on foot or by bike.	MCC	C	2021-22	This is a filtered neighbourhood approach. A 6 month pilot scheme including 14 initial trial sites was implemented as Phase 1 in the first half of 2021 to help understand changing habits and this has into the permanent design aspirations. The consultation for Phase 2 Burnage has been completed and the proposals are being reviewed. UoM have been involved in installing several traffic counters and air quality monitoring stations to measure the outputs from the proposals. Outline designs for the final scheme have been drafted with a view to presenting to residents at the beginning of December through to the 24th January 2022
		Rochdale Canal (£1.3m) -includes improvements to the canal towpaths, improved access under a low bridge at Butler Street, and improved accessibility to four sets of steps.	MCC CRT	C	TBC	This project is currently on hold but discussions are ongoing between MCC and TfGM

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		Victoria North and Eastern Gateway Connectivity – A parallel route to Great Ancoats Street providing a safe and convenient cycle link to the north of the Manchester and Salford Inner Relief Road.	MCC	CC	2019-22	Planning permission has been approved for the new bridge crossing and works are due to start on Phase 1 at Pollard Street junction/Old Mill Street and Redhill Street crossing in January with completion expected in March. Modelling work has been carried out to determine expected traffic flows
		Beswick Active Neighbourhood - includes more of a filtered neighbourhood approach by reducing the number of through routes for cars	MCC	C	2019-21	Works have been completed but some further works such as lining may be required following a safety audit
		Oldham Road - Introduces segregated cycle lanes	MCC	C	2019-22	Introducing segregated cycleways to both sides of Oldham Road from the Intermediate Relief Road to the North Manchester Connectivity project. Outline design has been developed but further funding opportunities are awaited until the scheme can be developed further
		North Manchester Connectivity - provides a link (via Oldham Road) from the city centre to the north west of Manchester	MCC/ RBC/ OBC	N	2019-22	Ongoing. Design work and consultation has been undertaken. No further progress to date.
		Manchester Cycleway (Fallowfield Loop) improvements	MCC/ TfGM/ Sustrans	S	2015-23	Designers have been appointed for the scheme. A trial archway is to be installed at Debdale Reservoir with the detailed design being completed in early spring 2022. There has been some challenges in respect of the impact on wildlife due to proposed lighting levels and options are being considered.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		Deansgate -Involving part pedestrianisation of Deansgate.	MCC/TFGM	CC	2020-22	Traffic Regulation Orders (TROs)were advertised late 2021 for the northern end of Deansgate, Parsonage and King Street. Further TROs for a variety of elements are to be advertised in 2022.
		Triangle - connected route around the city centre.	MCC/TfGM	CC	2020-23	Late 2021 changes to the design were being worked on along with modelling work with consultation expected in February 2022
		Wythenshawe Cycleway - route connecting through Wythenshawe.	MCC/TfGM	S	2020-24	Road safety audit carried out in late 2021 in relation to the existing design to inform how the scheme should progress
		Ehubs Project. European funded shared mobility pilot scheme	TfGM/MCC	CC & S	2021-22	The scheme provides e-cargobikes for hire at certain points around the city. Launches December 2021. Two electric car club vehicles under the project started operating from East Didsbury Park and Ride in late 2021with the further 6 vehicles expected to be operational early in 2022.
		GM Cycle Hire – A new cycle hire scheme, with the first phase including roll out on Oxford Road in Manchester.	TfGM/MCC	CC	2021-22	Initiation of the project is being undertaken with rollout expected through 2022
		Metrolink Cycle Parking - will improve accessibility to Heaton Park	MCC/ TfGM	N	2015-22	TfGM 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). A contractor has now been identified and installation is expected April-August 20
		Identify and promote public transport routes that can be used to access major parks and greenspaces in Manchester and beyond	MCC, TfGM, CoT	Citywide	2015-22	Completed with ongoing promotion. Green Trail revised and relaunched in 2020.
		Explore the development of a network of walking and cycling routes to access open spaces in Manchester and beyond	MCC, TfGM	Citywide	2015-22	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.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions fro April 2021- march 2022
		Wildabout Walking Review	MCC	CC	2020 -22	Work carried out in 2007 originally identified 14 'breathing places' in the city centre. Work has been carried out to review these spaces and new spaces that have been created, and these have been linked together to provide walking opportunities. Oppotrunities are being sought to promote this work.

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: Michael Marriott, David Houliston

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	Actions for 2021
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 -25	Further refinement of datasets as part of the refresh of the Strategy Implementation Plan through GrowGreen: Our Rivers Our City work delivered Tree Opportunity maps being developed GI detailed appraisal underway through Ignition
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	2019-23	Ongoing. Consultation and development continues.
		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	2018-22	The RHPs now have their own GI Group established again and meet quarterly.
		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	2020-22	New MCC Climate Change Officers are developing Neighbourhood Climate Change Plans for all wards, and identifying GI opportunities where appropriate.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions for 2021
		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	2020-22	Ongoing. Consultation and development continues.
		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	Wildlife Trust working in partnership with MCC to engage with residents and other stakeholders to deliver a new biodiversity vision and action plan for Manchester . Draft Biodiversity Strategy produced in December 2021. Manchester signs the Edinburgh Declaration supporting the development of a new post 2020 Global Biodiversity Framework Development
		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	2020-22	New Managing Manchesters Trees appraisal is progressing. Expected delivery is in early 2022, and this will shape a new Tree and Woodland Action Plan to be delivered in 2022.
		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	2015-25	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.

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions for 2021
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	2015-2022	Ongoing. £1.2 Million NERC funding secured Green Growth, GHIA and gardens and ecosystem services Successfully bid for £5 mill EU project IGNITION with European Investment Bank looking at investigating alternative ways of funding GI interventions within GM. 202/21 GI Evidence base established, referencing over 1000 pieces of research
		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	2015-22	Ongoing. GHIA project delivered and final report produced. PhD delivered research into increasing understanding of connection between green infrastructure and physical activity/wellbeing A new observational analysis tool is being piloted. This maybe useful for accessing greenspace usage. The tool will potentially be trialled in 2022 looking at Victoria North.
		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	2015-22	Ongoing. GrowGreen Demonstration project (West Gorton Community Park) launched in June 2020. Salford Living lab Opened June 2021. New friends of group for West Gorton being progressed, Autumn 2021. IGNITION project commenced to look at financing climate resilient GI in Cities. GI Evidence Base produced GI baseline mapping undertaken. Planning support tool in development.
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	2018-22	Work ongoing with MCCA, and In Our Nature on showcasing platforms

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions for 2021
		Applying for national awards wherever appropriate e.g. Britain in Bloom RHS Awards for community greening projects	MCC + others as appropriate	Citywide	2015-22	2018 CIEEM Award Winner GI Strategy Floating Ecosystems nominated finalist Clean Streams nominated finalist 2021 My Wild City CIEEM 2021 Awards Commended finalist West Gorton Community park 2021 Landscape institute award winner and Design practice Golden Pineapple award winner 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 152 in Bloom Awards in 2019 No awards in 2020 (Covid) 154 in Bloom Awards in 2021
		Development and promotion of case studies demonstrating best practice	MCC and all other stakeholders	Citywide	2015-22	Manchester has 67 GI Case studies.
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	2015-22	Manchester Festival of Nature 2021 had 90 people in attendance of our two online workshops and on the day itself our festival Twitter account @MancNature had 42,974 impressions (no. times a tweet was seen/appeared on someone's feed) and 2,123 engagements (no. of times a tweet was interacted with - likes/comments/retweets). At the park itself 220 people participated in scavenger hunts and guided wildlife walks.
		Embed GI in public activities aimed at behaviour changing e.g. to increase community responsibility and ownership of shared spaces	RHP, MCC	Citywide	2015-22	Ongoing. See Case Studies and 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	2015-22	New MCC Climate change officers appointed 4 groups involved in local capacity building through the Orchard Project Hubbub creative engagement programme undertaken in Moss Side and Hulme

	Headline Action	Action	Stakeholders	Location: N,S,C,CC	Timescale	Actions for 2021
		Training session for developers, planners, urban designers, to increase awareness of cost benefits of incorporating SuDS in development and highways schemes.	MACF, MCC	Citywide	2015-22	Adaptation Pathways workshop on use of NBS for surface water flood alleviation delivered. Site visits to West Gorton Community Park by GrowGreen Team to facilitate knowledge transfer. Site visits to IGNITION Living Lab to increase knowledge and learning on nature based solutions
		Manchester Museum to identify opportunities to promote the city's natural environment at national and international level	MM	C	2015-22	City Nature Challenge 2021 saw 91 people collect 1,854 observations of 523 different species.
6	Raise the profile of Manchester as 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	2015-22	Ongoing. West Gorton Community park won the 2021 Landscape Institute award, for its water mgt. the scheme retained large numbers of mature trees, and introducing sustainable drainage systems to new tree planting. Numerous site visits have been facilitated in 2021, with interested stakeholders attending from across the Region.

Objective 1 – Managing Sustainably

	Headline Action	Potential projects/activities	Delivery Agencies	Time-scales	Progress
1	Map and monitor changes in the amount and distribution of trees across the city	Refine datasets of tree and woodland cover	Universities, CoT, GM partners, TEP	2017-22	A new commission, Managing Manchester's Trees will establish the most detailed appraisal of tree cover ever undertaken, and will be delivered early 2022. It will also provide a detailed lookback at the evolution of the City's treescape over the last 100 years. The Report's findings will help shape a new revised tree and woodland action plan in 2022/23.
2	Develop a fuller understanding of the City's tree resource	Deliver annual highway tree inspection programme	MCC	2017-22	Ongoing
		Investigate online mapping tool of planned tree works in the City	MCC, Universities	2017-22	Ongoing
		Encourage network of data gathering and information sharing e.g. University access to canopy data for research	MCC, CoT, FC, Universities	2017-22	City of Trees have been working with consultants TEP sharing data in order to develop the Managing Manchester's Trees analysis.
		Investigate opportunities for valuing Manchester tree stock including: The development of an ecosystem services valuation of treescape	Universities, CoT	2017-22	CoT and GM partners delivered i-Trees eco assessment of tree cover across GM with Manchester's tree stock having an estimated value of £3mill/annum. This has been used to further refine opportunity mapping.
3	Ensure continued and sustainable management of all trees and woodland and best practice approaches employed	Develop, agree and embed principles of tree management in Manchester	MCC	2017-22	Principles of Tree Management approved and circulated to all members and key officers. Tree officers are using the document daily, and this approach has been picked up by other tree officers across GM and also housing providers.
		Develop tree and woodland management plans for MCC parks and greenspaces, which include: No waste timber going to landfill; Consideration of sustainable uses of woodland by-products.	MCC, CoT, GMEU, CGs	2017-22	Ongoing - Park Strategy approved. Tree related best practice being embedded in Park Management and SBI Management Plans.

		Develop tree focused opportunity mapping for: Parks and open spaces; City centre; Neighbourhoods	MCC CoT	2017-22	The Managing Manchester's Trees report will also provide ward-based tree capacity charts, with options for tree canopy improvement.
		Encourage the development of tree and woodland management plans by all landowners and managers of trees in Manchester	RHPs, Universities, Network Rail, other landowners	2017-2022	MCC are working with HS2 on integrated tree and woodland management plans where appropriate.
		Develop tree management good practice case studies as part of Manchester G&BI Group	Manchester G&BI Group	2017-22	West Gorton Community park won the 2021 Landscape Institute Award, for its water management, and the scheme retained large numbers of mature trees, also introducing sustainable drainage systems to new tree planting.
4	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	Major development projects to include: Transport infrastructure changes e.g. bee network; Mayfield; Medieval Quarter; St Johns; Lincoln Square Kampus; Victoria North	MCC, TfGM, Developers	2017-22	Ongoing. Mayfield new park is under construction. New trees planned for St Johns and Medieval Quarter. New mature trees planted in Lincoln Square. 25 New trees planted at Kampus. New outline master Plan has been developed for new City River Park at Victoria North, including new mature trees.
		Local Plan Review	MCC	2017-22	The Local Plan will reflect green infrastructure themes and priorities with more consultation planned in 2022 before a final draft plan is produced in late 2022/early 2023.
5	Develop climate resilient approaches to tree and woodland management	Encourage use of trees within broader climate resilient adaptive plans e.g. Sustainable Urban Drainage projects, public realm improvements	GM CoT, MCC RPs	2017-22	Ongoing. In 2021 Manchester produced a new Our Rivers Our City Strategy which highlighted the concept of sponge city thinking and greater permeability. Trees and Woodlands will play a keen part in its effective delivery.

		Develop Ash Dieback Strategy in partnership with Natural Capital Group	GM, CoT, MCC, FC	2017-22	Ongoing. National Forestry Commission monitoring underway.
		Encourage diversity of tree stock e.g. appropriately diverse species and age ranges to help increase resilience to pests and disease	CoT, MCC, RPs	2017-22	Ongoing. Tree Action MCR planting encourages diverse climate resilient tree planting. In this the second phase of the programme, over 1200, new mature trees will be planted across the City, increasing Council manages street trees by 10% in two years.
6	Develop partnership projects that sensitively improve the functionality of the treescape	Develop appropriate projects to deliver the City of Trees vision in Manchester including: Forest Schools; Southern Cemetery Beacon Trees project; Community Orchard planting and management; Queen's Green Canopy Planting	LWT, MBP, MVP, GW MCC CoT, OP CoT, GMCA	2017-22 2019-22 2017-22 2021/22	Forest Schools mapping work being undertaken and continuing. Improve Southern Cemetery as an Urban Arboretum in 2021, a new feature avenue and new hedgerow was planted, along with Covid Beacon Trees in all Manchester Cemeteries. 4 new Community driven orchards were delivered in 2020/21: Delamere Park Openshaw; Mersey Banks Fields; Chorlton Park; Kenworthy Woods Northenden. 4 new Community driven orchards are planned for 2021/22: Philips Park Clayton; Khizra Mosque Cheetham Hill; Rochdale Canalside Miles Platting; Ladybarn Park Withington; Platt Fields Park Rusholme. New Feature avenue at Heaton Park to celebrate the 2022 Platinum Jubilee of the Queen

Objective 2 – Planting Appropriately

	Headline Action	Potential projects/activities	Delivery Agencies	Time-scales	Progress
1	Ensure continued healthy and diverse tree canopy cover across the City	<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&BI Strategy, tree audit baseline, park strategy and neighbourhood place plans, including:</p> <p>One for one tree replacement for highways trees;</p> <p>Delivery of tree replacement policies across city;</p> <p>150 Highways Tree planted annually (combination of new and replacement);</p> <p>1000 hedgerow trees planted annually;</p> <p>1500 trees planted annually;</p> <p>Develop Beacon/Heritage Trees Mapping project</p>	MCC, RVIs, RPs, CoT, Woodland Trust, LWT, TfGM	2017-22	<p>2020/21 - 4286 trees were planted including five orchards and 2036 hedge trees</p> <p>2019/20 - 9817 trees planted including 6812 hedge trees</p> <p>2018/19 - 2994 trees planted including 3 orchards and 582 hedge trees</p> <p>2017/18 - 4933 trees planted including 4 orchards and 1585 hedge trees</p> <p>2016/17 - 2961 trees planted, including 6 orchards and 832 hedge trees</p>
2	Continued planting of community orchards in suitable locations	Planting of at least 4 new community orchards annually	RFW, CoT, RPs, MCC, OP, CGs	2017-22	5 new Community Orchards planted in 2020/21
		Mapping of community orchard locations	MCC, OP, CoT	2017-22	Ongoing Collaboration with OP
		Encourage cropping, harvesting, distribution and usage of food provided	OP, CoT, RFW, CGs	2017-22	Ongoing. Community events delivered in 4 New Community Orchards
3	Investigate mechanisms for funding new tree planting, management, and maintenance	<p>Support the delivery of the City of Trees Vision for Greater Manchester by:</p> <p>Active involvement in the GM Forest Partnership (GMFP);</p> <p>Working collaboratively to develop sustainable tree planting and management project ideas through, for example:-</p> <p>MCC Parks and greenspaces opportunity mapping programme and tree sponsorship opportunities</p> <p>Investigating commercial opportunities for trees and woodlands</p> <p>Neighbourhood tree planting opportunities</p>	MCC, Mcr G&BI Group, CGs	2017-22	<p>Working with CoT, the City Council identified over 300 new locations for standard trees in 2021 and secured funding from Forestry Commissions Urban Tree Challenge Fund to be delivered by March 2022.</p> <p>CoT have successfully bid to the Green Recovery Challenge Fund for increased Woodland Management in Wythenshawe Woods for two years.</p> <p>The Managing Manchester's Trees Report will look to provide guidance as to how better tree and woodland management could be delivered. Background work has been undertaken in 2021.</p> <p>The report will be delivered in early 2022.</p>

4	Develop a climate resilient approach to tree planting	Utilise a mixture of native and non native planting projects to ensure resilience against pests and diseases	MCC, Manchester G&BI Group, CoT, CGs	2017- 22	Ongoing. Tree Action MCR planting encourages diverse climate resilient tree planting. In this the second phase of the programme, over 1200, new mature trees will be planted across the City, increasing Council manages street trees by 10% in two years.
		Reduce risk of tree pests and disease by ensuring all new trees planted are from registered and approved sources	CoT, MCC RPs	2017-22	Ongoing
		Promote SuDS friendly demonstrators e.g. GrowGreen, West Gorton	CoT, MCC RPs	2017-22	West Gorton Community park won the 2021 Landscape Institute Award, introducing sustainable drainage systems to new tree planting

Objective 3 – Protecting Strongly

	Headline Action	Potential projects/activities	Delivery Agencies	Time-scales	Progress
1	Investigate effective tree replacement and compensation measures	Develop and agree appropriate compensation measure for tree loss and replacement in Manchester	MCC, CoT	2018- 22	Ongoing. Cavat tree value assessment being used by MCC planners alongside the Manchester's Residential Quality Guide which includes minimum 2:1 tree replacement
2	Ensure trees of high value are designated as Tree Preservation Orders (TPOs)	Continue to designate new TPOs as appropriate	MCC	2017-22	Five new tree preservation orders (TPOs) were also declared in 2021, taking the overall number to 404
		Enforce as appropriate against unauthorised works to trees protected by tree preservation orders or within conservation areas	MCC	2017-22	Ongoing
		Promotion of the Tree Preservation Order process via neighbourhood teams	MCC, CoT, Partners	2017-22	Ongoing
3	Sites of Biological Importance (SBIs): increase the number of SBIs in active management to conserve, protect and enhance biodiversity	Increase the number of sites of biological importance (SBIs) in active conservation management by 1-4% annually, working with landowners and land managers	MCC, GMEU	2017-22	2021/22 62.16% of sites in active conservation mgt. 2020/21 62.16% of sites in active conservation mgt. 2019/20 62.16% of sites in active conservation mgt. Bank Bridge meadow lost. 2018/19: 63.15% of SBIs in active conservation management – Rosehill Wood Management Plan in place. 2017/18: 60.53% of SBIs in active conservation management – Gibb Wood work undertaken. 2016/17: 57.89% of SBIs in active conservation management. Active work with UoM volunteers on Painswick Park Meadow and Castle Hill SBIs
		Provide statistical report to Defra annually	MCC	Annual	

4	Use planning conditions to ensure high standard of tree works, protection and management	Tree officers to provide guidance and advice through the planning process to ensure compliance of tree works against: BS 5837 (the British Standard for Trees in relation to design, demolition and construction); BS 3998 (the British Standard for Tree Work)	MCC, Developers	2017-22	Ongoing through work of tree officers. In 2020/21 with strong MCC officer support, a new feature avenue of SUDS enabled street trees was established along Great Ancoats Street.
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Objective 4 – Involving Creatively

	Headline Action	Potential projects/activities	Delivery Agencies	Time-scales	Progress
1	Further develop research into the benefits of trees	Ongoing programme of collaborative GI research including trees, to measure the impact of GI across the range of social, economic and environmental benefits set out in the Strategy. To include:	Universities, MCC, Manchester G&BI Group, MCCA	2017-22	Ongoing.
		NERC Gardens and Ecosystem Services project;	MMU		
		NERC GHIA project; NERC Green Growth IGNITION Project GrowGreen project Managing Manchesters Trees	UoM UoM UoM UoM CoT TEP		
		Protecting Playgrounds	Groundwork, University of Lancaster	2018-21	Completed. Awaiting Final report.
		Update GI Evidence base with tree and woodland related research	CoT, MCC, GM partners, Universities	2017-22	IGNITION undertaking complete GI baseline review, MMT assessing detailed canopy appraisal.
2	Encourage and record the delivery of community led and focussed tree projects and food growing	Projects to include:			
		Wythenshawe Woodlands	CoT, CGs	2018-23	New funding through Green Recovery Challenge secured to extend Wythenshawe Woodlands project.
		Orchard Project	Orchard project, MCC	2020/22	New Community Orchards to be delivered including training and events.
3	Raise the awareness of the benefits of trees	Establish social media platforms for ongoing promotion of tree related information	Ward Cllrs, Manchester G&BI Group, CGs, MCC, OP, MCCA	2017-22	CoT, WildlifeTrust, Groundwork Trust Websites promoting Manchester initiatives, including Queens Green Canopy, Tree Action Manchester, My Wild City and manchester Festival of Nature
		Ward councillors and local communities to include tree activity in ward plans as appropriate	MCC neighbourhood teams, ward councillors, Community groups	2019-22	New Ward based Climate Change Action Plans being delivered

4	Provide opportunities for community engagement, involvement and activity	Support for and delivery of tree related activity, training and capacity building. Related volunteer opportunities to include: "Friends of" group events and activities; Development of CoT Citizen Forester Volunteer Scheme; River Valley Initiative volunteer and engagement opportunities	Manchester G&BI Group, CGs, MCC, OP, MCCA	2017-22	My Wild City Project ongoing, Manchester Festival of Nature delivered in 2021. New Manchester Nature Consortium established.
				2020-22	Wythenshawe Waste Warriors supported CoT in regular clean ups in Wythenshawe Woodlands.
				2021-23	Resilient River Valleys project launched Autumn 2021. Building capacity and creating jobs across Manchester river valleys.
		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.	UoM	2017 - 2022	Three interactive trails launched that highlight 50 of the 1,500 trees across Oxford Road Campus, North Campus and Whitworth Park.
5	Showcase local best practice and seek recognition for delivered projects	Apply for national awards wherever appropriate e.g. Britain in Bloom RHS Awards for community greening projects	MCC	2016-22	126 In Bloom Awards citywide in 2016 166 In Bloom Awards citywide in 2017 154 In Bloom Awards citywide in 2018 152 In Bloom Awards citywide in 2019 154 In Bloom Awards citywide in 2021 West Gorton Community park won a Landscape Institute award 2021 and a Golden pineapple design award.
		Encourage nomination of Champion trees as part of notable and ancient trees in Britain and Ireland register	MCC	2017-22	Ongoing
6	Raise the profile of Manchester as an attractive place to live, work and visit with access to high quality GI within and beyond Manchester	Use of the city's trees and woodlands to attract visitors and create new recreation opportunities.	Manchester G&BI Group, MCC, MCCA, MM, UoM	2017- 22	Continued success of Heaton Park Tree Top Trek Opened in 2017.Reopened in 2021 after Covid.
		Promote the City's existing parks and green spaces to maximise their usage by local communities, workers and visitors	MCC, Manchester G&BI Group, CGs	2017-22	Ongoing.promotion of Manchester Green Trail network

Abbreviations

City of Trees	CoT
Community groups	CGs
Environment Agency	EA
Forestry Commission	FC
Greater Manchester Ecology Unit	GMEU
Groundwork	GW
The Wildlife Trust For Lancashire, Manchester and North Merseyside	LWT
Manchester – Green and Blue Infrastructure Stakeholder Group	MCR GI Group
Manchester Climate Change Agency	MCCA
Manchester City Council	MCC
Manchester Garden City	MGC
Manchester Metropolitan University	MMU
Manchester Museum	MM
Natural England	NE
The Orchard Project	OP
Real Food Wythenshawe	RFW
Registered Providers (Formerly Registered Housing Providers)	RPs
River Valley Initiatives:	RVI
Irk Valley Project	
Medlock Valley Project	
Moston Brook Partnership	
Mersey Valley Project	
Transport for Greater Manchester	TfGM
Tree and Design Action Group	TDAG
University of Manchester	UoM
University of Salford	UoS
The Woodland Trust	WT