

PROVISIONAL ACTION PLAN FOR CARLISLE GREEN INFRASTRUCTURE STRATEGY

A key conclusion of the analysis is that it is inappropriate and unfeasible to define projects and funding in exacting terms for the next 20 years (the period this strategy was asked to cover in the original brief). Instead it is sensible and productive to provide a working action plan that stakeholders are provided with as a starting point for making the recommendations something they will have a sense of 'ownership' of. The reasons for this are as follows:

Stakeholders need to play an active role in the development of the recommendations or they will disengage, as their involvement will seem tokenistic. Stakeholder interviews revealed that stakeholders would not accept this strategy as a fait accompli unless they play an active role in its development, and in refining and developing its recommendations. To meet this stakeholder demand this action plan cannot be a centrally produced final script for future action, instead it has to provide a working document for the engagement to begin in earnest.

The funding landscape is changing so quickly at present that any recommendations concerning actions more than 2 years in advance are necessarily vague and speculative. The action plan covers a 20-year period, so

the potential funding/investment recommendations are based on current funding or investment sources (future projects will, of course, have to secure whatever funding is then available for this focus). It is also impossible to be anything other than speculative about funding or investment until a project or initiative is developed to a certain point in its evolution. Green infrastructure is so multi-faceted and complex that many of the issues covered in the strategy require more detailed site or thematic analysis before they form into coherent projects that stakeholders or external funders would support and funders invest in. The funding column in the table below is, thus, speculative and suggestive.

Partner knowledge is critical to making this action plan achievable. Green infrastructure covers so many specialist sub-areas that no one person, or organisation, can be aware of the opportunities for project development and intervention. It will only be when stakeholders and partners have chance to digest and process these recommendations that they will be able to assist Carlisle District Council in identifying how the recommendations might be best achieved with the right partners, the best chance of

securing investment, and with the right spatial, social, economic or environmental focus.

Because of these factors the provisional action plan below is unmistakably a working document for stakeholders to take and progress, reducing, or adding to, the recommendations, shaping how they might be developed and delivered. At its simplest there are four overarching actions that deliver many of these recommendations, and they are as follows:

Local Development Framework – Ensuring that the recommendations in the table below become part of the DNA of the emerging LDF, so that they are understood by stakeholders as being strategic priorities and enforceable through existing mechanisms like planning.

The need to improve the GIS-based evidence on green infrastructure and socio-economic variables – It is not possible with existing resources and data to realise anything more than an 80% accuracy rate for GIS mapping for Carlisle District. The Strategy created here is limited in its ability to make evidenced recommendations for specific spatial areas by this fact. Investment in the GIS skills, system and capacity is critical. By gathering better data on community needs for things like access to green infrastructure it will result in the ability to move beyond this strategy to specific spatial areas other than the whole District or an overview of the City area.

The need for a Spatial Masterplan (particularly for the Carlisle City Area) – Green infrastructure interventions cannot exist in isolation, by definition they need to be planned strategically. This will not happen unless a strategic master planning exercise is undertaken for the area covered by this strategy that makes clear the scale, type, location of growth and development. **It is not possible with existing data (in most cases) to make an evidenced prediction of future green infrastructure needs at present, because without having such a masterplan (and better data) it is little more than speculation.** Where additional data was provided, as with the ‘greatest need for street trees’ or relationship between health and green infrastructure in the city area, it has been possible to make more accurate and specific recommendations (see map in main report). Often this future predicting was not possible with existing data other than at a macro-level (see GIS-based maps and mapping technology held by Carlisle District Council as a result of this commission relating to water quality and management issues in Appendix A, for example).

Community and stakeholder needs and aspirations better understood – The core vision and four themes emerged from initial consultation meeting with many stakeholders in Carlisle District and City. Those consultations justify the development of the vision and thematic overview, but, and this is critical, they do not justify specific detailed recommendations and interventions

at community level. This will require further work than possible in this commission over a period of months and years to enhance the GIS and data available with another critical ingredient – namely, what Carlisle’s resident’s want and need in specific places and how this can be achieved with green infrastructure through available mechanisms.

New models for fundraising and investment – In the full strategy report it was detailed how this strategy necessitates the creation of a new fundraising umbrella structure provisionally titled the Carlisle Trust. Many of the recommendations below require a step-change in the performance of Carlisle as a place that attracts funding and investment for its green infrastructure and landscapes. There are models from around the world about how this can

be delivered that are achievable that can make this a reality.

What follows therefore is (as required by the original brief) as much as is currently possible in terms of an initial action plan which stakeholders can take as a working document and populate and bring to life through focusing on some actions and not others. The first three columns from the right are from the strategy; the four to the left are suggestive of how its implementation might be achieved.

This is presented as a suggestion of how the recommendations might be realised – with an acceptance that this is purely hypothetical until owned and shaped by stakeholders and partners.

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
IMAGE AND PERCEPTION	DEVELOP A STRONGER IDENTITY BASED ON GREEN QUALITY OF LIFE	1. Stakeholders should commission research to enable greater understanding of external perceptions of Carlisle and how these can best be improved, and how it can best sell its green quality of life. This will require better data and analysis than exist at present about which landscapes have the most powerful potential to drive a wider perception change.	Carlisle District Council, Cumbria County Council, Invest in Cumbria, MPs, MEPs,	Solution may be to work with local universities to get research undertaken	1-4 years	Explore potential for securing funding from key partners Ensure Local Development Framework captures this aspiration
		2. Stakeholders should work in partnership to develop a new narrative to 'sell' Carlisle to inward investors and relocaters, and young	Carlisle District Council, Cumbria County Council,	Key partners would have to invest in this –	1-4 years	Discuss the potential for a new inward

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		people in the city, that focuses on the green quality of life that exists in Carlisle, and how this can benefit businesses investing in the future of the city; a high quality inward investment prospectus for the Big Green City.	Invest in Cumbria, Cumbria Tourism, Carlisle Tourism Partnership, Local Economic Partnership, Private sector businesses	possibly with private sector sponsorship		investment prospectus for Carlisle
		3. Stakeholders should work in partnership to 'animate' Carlisle's landscapes through major cultural and creative projects, events and festivals that enhance and publicise the liveability of the city to the wider world – events like the Radio 1 Big Weekend and Illuminating Hadrian's Wall should be supported for the role they can play in raising the national profile of Carlisle.	Carlisle District Council, Cumbria County Council, Invest in Cumbria, Hadrian's Wall Heritage Ltd, Cumbria Tourism, AONBs, cultural and creative sector	Arts Council, BIG Lottery or HLF (for projects with a heritage element), Trusts and Foundations, Sponsorship	1-4 years	Work with landscape management organisations like Hadrian's Wall Heritage Ltd to secure funding for specific projects
		4. Stakeholders should ensure that green infrastructure is a central element of the Evidence base of the Development Framework, to avoid it becoming a fragmented or peripheral issue.	Carlisle District Council, Cumbria County Council	No funding required	1-4 years	Work with LDF core working group to ensure influence
	IMPROVE THE LOOK AND EXPERIENCE OF THE CITY IN KEY AREAS	5. Stakeholders should consider seriously the need in future to collect better data on perceptions of the quality of different areas of Carlisle (The use of social media techniques is revolutionizing what this can reveal).	Carlisle District Council, Cumbria County Council, Invest in Cumbria, Cumbria Tourism, Carlisle Tourism Partnership, Local Economic Partnership	Potential to gather GIS-data through quality of life surveys undertaken already Local universities may be able to assist with researching this	1-4 years	Work with existing data gatherers like Quality of Life survey group to embed this need into the next survey.
		6. Stakeholders should make the aesthetics of	Carlisle District	Developer	5-9 years for	Further develop

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		the main entrance routes to the city (particularly those from the three principal M6 junctions to the city centre) a strategic priority for higher quality design (particularly but not exclusively of the public realm) and greening with measures like street trees (this also has a critical role in reducing air and noise pollution).	Council, Cumbria County Council, and other relevant stakeholders	contributions through 106 agreements in strategic locations	implementation	evidence base for this by working with partners like local universities Develop spatial masterplan for the city based on improved evidence base (1-4 years) Ensure Local Development Framework captures this aspiration
		7. Following the perception research, stakeholders should identify and agree those areas like London Road, the Cathedral or the Citadel that define visitor perceptions and improve interpretation, signage, and quality of public realm.	Carlisle District Council, Cumbria County Council, and other relevant stakeholders	Developer contributions through 106 agreements in strategic locations + attracting investment for historic interpretation from BIG Lottery and HLF	5-9 years for implementation	Develop spatial masterplan for the city based on improved evidence base (1-4 years) Ensure Local Development Framework captures this aspiration
		8. Stakeholders should explore through the Green Spaces Strategy the long-term potential for a high quality planting and landscaping approach to the city's parks and open spaces that would attract regional, national and even international	Carlisle District Council and other relevant stakeholders	Defra, Natural England, BIG Lottery, Trusts and Foundations, Sponsorship,	5-9 years to start delivery 10-20 years for realisation	Green Spaces Strategy developed as a key tool to vision and deliver this approach

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		attention – stakeholders should investigate global best practice for models of how this might be delivered.		potentially through professional fundraising through 'The Carlisle Trust mechanisms'		
		9. Stakeholders should seek to preserve the distinct character of satellite communities, like Cummersdale and Dalston, and prevent urban sprawl swallowing up communities on the urban fringes in a way that detracts from their character and that of the city. Where growth is deemed appropriate or necessary its visual character and impact on the identity of city should be critically appraised for its contribution to urban design and distinctiveness.	Carlisle District Council, Cumbria County Council, and other relevant stakeholders	NA – Through development control	1-4 years	Ensure that Local Development Framework protects the landscape character of these urban fringe areas even where the landscapes are not designated Ensure Local Development Framework captures this aspiration
		10. Stakeholders should explore the potential of schemes that would re-engage the city centre with the river corridors to make those part of the aesthetic and experience of the city – some river features like Holme Head Weir have the potential to be developed and this should be explored and encouraged. Views of and access to the river corridors, particularly the Caldew and Eden should be protected, enhanced and animated where possible.	Carlisle District Council, Cumbria County Council, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, local communities	Potential for a Landscape Partnership project to HLF led by Eden Rivers Trust	5-9 years for delivery	Ensure that Local Development Framework highlights the value of rivers to Carlisle Work with partners to access environmental or heritage funding

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						to make this physically and intellectually accessible
		11. Stakeholders should support communities outside of the urban settlement (like Brampton and Dalston) that are enhancing their green infrastructure	Carlisle District Council, Cumbria County Council, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, local communities	Parishes can in some circumstances fund these from the precept or from their own fundraising efforts	5-9 years	Professional support and encouragement of parish councils would be valuable Ensure Local Development Framework captures this aspiration
	MAKE THE CITY A GATEWAY TO GREAT LANDSCAPES	12. Stakeholders should seek to improve the spatial relationship of the city to its river corridors, with measures required to make the rivers and their accompanying routes a greater part of the visual and physical experience of life in the city.	Carlisle District Council, Cumbria County Council, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, local communities	Potential for a Landscape Partnership project to HLF led by Eden Rivers Trust	5-9 years	Work with partners to access environmental or heritage funding to make this physically and intellectually accessible Ensure Local Development Framework captures this aspiration
		13. Stakeholders should explore how visitors and residents can better access surrounding landscapes from the city centre and key gateway points like the	Carlisle District Council, Cumbria County Council, Public transport	Current public transport budgets	5-9 years	Ensure through Local Development Framework that

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		<p>railway station, bus station, or main car parks or accommodation providers. This will require a mixture of improving routes, interpretation, signage, ensuring that sufficient public transport is available and other measures.</p>	<p>businesses, Cumbria Tourism, Carlisle Tourism Partnership, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, AONBs, parish councils</p>			<p>changes to urban areas include an awareness and solutions to the issue of the city functioning as a landscape hub</p> <p>Ensure Local Development Framework captures this aspiration</p>
		<p>14. Stakeholders should support efforts to create new routes where appropriate, and enhance existing routes so that walkers and cyclists engage and interact (culturally and economically) with the city rather than simply passing through it, an example being the recent Roman Gateway project – measures that enhance locally distinct landscapes (like the development of the Hadrian’s Wall corridor through the capital development programme, or the Solway AONB Landscape Partnership Project, should be supported.</p>	<p>As above</p>	<p>Primarily through 106 agreements or funding from transport infrastructure funds</p>	<p>5-9 years</p>	<p>Support Cumbria County Council review of cycling and walking routes linked to the growth of Carlisle</p> <p>Undertake community consultation to gather better evidence of need and demand in specific locations.</p> <p>Ensure Local Development Framework</p>

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						captures this aspiration
		15. Stakeholders should support efforts to use the international recognition associated with surrounding landscapes, particularly the UNESCO World Heritage status designation held by Hadrian's Wall as this has been shown to attract high value cultural tourists and international visitors.	Lead partner Hadrian's Wall Heritage Ltd, also opportunities to form international partnerships through UNESCO	Potential for an INTERREG project about landscape and visitor experience through a partnerships of World Heritage Sites	1-4 years	Support Hadrian's Wall Heritage and the AONBS to develop projects that sustain and enhance landscapes
		16. Stakeholders should commission research to ensure that the visitor radiating outwards from Carlisle experiences the appropriate interpretation, signage, and is catered for with high quality accommodation, retail, food and drink, and public transport – as these are the means by which the economic value of surrounding landscapes is unlocked.	Carlisle Tourism Partnership, Cumbria Tourism	Defra, Natural England, BIG Lottery, Leader +, Trusts and Foundations, Sponsorship, potentially through professional fundraising through 'The Carlisle Trust mechanism'	1-4 years	Stakeholders need to find a way to do this research, perhaps through working with universities. This need should be included in the next Cumbria Destination Management Plan
GROWTH: SPATIAL AND ECONOMIC	DEVELOP APPROPRIATE ECONOMIC (GREY INFRASTRUCTURE TO CAPITALISE ON CARLISLE'S GREEN	17. Stakeholders should support urban and rural development that can add value to products from the land through value-adding infrastructure as an indirect mechanism for enhancing the landscape – the future of the city region's distinctive landscapes may depend on the ability to add value to its agricultural and forestry	Carlisle District Council, Cumbria County Council, National Farmers Union, CLA, H&H Auction Mart, food-based businesses, Cumbria Tourism,	European Regional Development Funding, Leader +, Natural England, Defra, Agri-Environment		Requires a new partnership approach to further research the opportunities and potential for investment for specific projects

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	POTENTIAL	products which in turn sustain the traditional land management practices.	Carlisle Tourism Partnership, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, AONBs, parish councils	and diversification schemes		that can become part of the spatial masterplan. Needs to be sector-led with strong NFU and CLA influence.
		18. Stakeholders should support initiatives to reduce food miles through local production, manufacturing and consumption – domestic gardens, allotments, and parks can be vital elements in educating and engaging people to produce and consume local high quality foods. Temporarily vacant or derelict land should also be used for food or fuel growing or recreation for the immediate community. Management can be community-led.	Carlisle District Council, Cumbria County Council, National Farmers Union, CLA, H&H Auction Mart, food-based businesses, Cumbria Tourism, Carlisle Tourism Partnership, Eden Rivers Trust, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, AONBs, parish councils, allotment associations, resident's associations, and Sustainability Carlisle	European Regional Development Funding (ERDF), Leader +, Natural England, Defra, Agri-Environment and diversification schemes, BIG Lottery and HLF, trusts and foundations, and possibly health funding if this can significantly affect health	5-9 years	Work with Healthy City partnership in Carlisle to develop an initiative/s to address this issue and support to pursue investment
		19. Stakeholders should ensure that its productive green infrastructure assets are protected for the future. The Local Development Framework should take a	Carlisle District Council	None required	1-4 years	Ensure Local Development Framework captures this

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		similar approach to the Local Plan in protecting agricultural land (see Local Plan Policy C4).				aspiration
	DESIGN IN GREEN QUALITY	20. Stakeholders should ensure that the Local Development Framework encourages developments to integrate design and access plans that incorporate high quality, sustainability, green infrastructure, and connectivity to the wider green infrastructure network. The Local Plan had a policy of this kind of policy in CP5 – Design, which the Local Development Framework should build upon with an increased focus on high quality green design, including elements like green roofs.	Carlisle District Council, Cumbria County Council, Property professionals, and property developers, environmental stakeholders	None required	1-4 years	Ensure Local Development Framework captures this aspiration with specific recommendations agreed by stakeholders
		21. Stakeholders should seriously consider the need for an over-arching master plan for the future growth of the city that looks at strategic spatial solutions to its many needs, including green infrastructure. It is suggested that only by having such a masterplan (taking seriously both commercial and green infrastructure needs and aspirations) that the growth of the city be strategically effective.	Carlisle District Council, Cumbria County Council, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, private sector businesses, local communities	Will have a significant cost, but is an important investment with long-term benefits – and is therefore something local authorities would have to invest in.	1-4 years	Secure buy in from stakeholders for the idea of ‘managed growth’ through a spatial masterplan and develop brief that would include enhancing the evidence base needed for such a plan (including extensive community consultation)
	INTEGRATE NEW	22. Stakeholders will, through the	Carlisle District	None required	1-4 years	Ensure Local

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	(AND EXISTING) COMMUNITIES INTO GREEN NETWORKS	development of the Local Development Framework, define the spatial focus for commercial and residential growth in the city region. Depending upon the decisions made there will need to be a slightly different approach to green infrastructure implementation:	Council and Cumbria County Council primarily to agree through spatial masterplan the growth types and locations, and then to engage wider stakeholders in informed debate about what kind of green infrastructure will be required.			Development Framework captures this aspiration Makes the case for the spatial masterplan
		23. If growth is focused on the existing urban area then the challenge is to protect the green infrastructure in that area with the highest social and environmental value: it is suggested that this is often derelict land with high biodiversity value, the existing green spaces (parks, allotments, playing fields, green routes) and the river corridors and flood plains.	Spatial masterplan should engage all environmental stakeholders to ensure that green infrastructure is a core design value and fully integrated.	Through developer 106 contributions from a growing city, and from: Natural England, Defra, BIG Lottery and HLF, trusts and foundations, and possibly health funding if this can significantly affect health Key focus for the Carlisle Trust fundraising model	5-9 years	Ensure Local Development Framework captures this aspiration Key requirement of the spatial masterplan that is needed.
		24. If the growth is on the urban fringes then the challenge is to ensure that the social	Spatial masterplan should engage all	Through developer 106	1-4 years	Ensure Local Development

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		and environmental benefits of the urban fringe are not destroyed by isolating existing communities from green infrastructure and the wider countryside.	environmental stakeholders to ensure that green infrastructure and connectivity to surrounding landscapes is a core design value and fully integrated.	contributions from a growing city, and from: Natural England, Defra, BIG Lottery and HLF, trusts and foundations, and possibly health funding if this can significantly affect health Key focus for the Carlisle Trust fundraising model		Framework captures this aspiration Key requirement of the spatial masterplan that is needed.
		25. Stakeholders should ensure that development on the urban fringe anticipates the likely demand of residents for access to surrounding landscapes and open green spaces and seeks to meet this demand both for residents of development itself, and for neighbouring communities.	Carlisle District Council, Cumbria County Council, Environment Agency, Natural England, Defra, Cumbria Wildlife Trust, private sector businesses, local communities	Through developer 106 contributions from a growing city Key focus for the Carlisle Trust fundraising model	1-4 years for LDF focus 5-20 years for delivery.	Ensure Local Development Framework captures this aspiration
		26. Stakeholders should ensure that the Local Development Framework builds on previous policy in the Local Plan (Policy CP6) which protected 'amenity value' to, in future, protect green views, to the extent that suitable mitigation or compensation measures are delivered to sustain the wellbeing of communities.	Carlisle District Council, Cumbria County Council	None required	1-4 years	Ensure Local Development Framework captures this aspiration

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	PROTECT AND DEVELOP GREEN SPACES TO MEET FUTURE NEEDS	27. Stakeholders should focus on the quality of children's play and recreation areas to ensure these are of the highest possible standard. It is recommended that the Local Development Framework should prioritise (as the Local Plan did through Policy LC4) that such facilities are created in new communities, and maintained appropriately in existing ones.	Carlisle District Council, parish councils, allotment associations, resident's associations, friends of parks groups, Healthy City partnership	Through developer 106 contributions from a growing city Continued fundraising from BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model	5-9 years	Green Spaces Strategy being created by Carlisle District Council to make this a priority
		28. Stakeholders should ensure that allotments and other socially beneficial green spaces are protected through the Local Development Framework (in a similar way to Policy LC7 in the Local Plan). The Green Spaces Strategy which will be created after this strategy needs to provide an inspired solution to their future management and development in the light of the fiscal challenges faced by local authorities. Where new communities are created the likely demand for allotments should be anticipated and the demand met with new provision.	Carlisle District Council, parish councils, allotment associations, resident's associations, friends of parks groups, Healthy City partnership	Through developer 106 contributions from a growing city Continued fundraising from BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model	1-4 years for getting strategic focus right. 5-9 years for delivery.	Green Spaces Strategy being created by Carlisle District Council to make this a priority Ensure Local Development Framework captures this aspiration
		29. Stakeholders should work in partnership to protect and enhance green spaces in smaller settlements, as these often play a major role in the character of those	Carlisle District Council, Cumbria County Council, Friends of the Lake	Friends of the Lake District's Our Green Spaces team are	1-4 years	Support fundraising by other stakeholders to

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		communities.	District (Our Green Spaces team), parish councils, allotment associations, resident's associations	currently developing a project/s for HLF funding on this theme.		make community renewal projects through green spaces possible. Support communities with the skills of the local authority's green spaces team.
		30. Stakeholders should develop mechanisms to implement ideas in the Natural Environment White Paper of giving communities the opportunity to protect green spaces that matter to them. This may well include green spaces that have not been formally recognised previously – enhancing future quality of life surveys may provide an opportunity to get greater insight into the community's perspective of different green spaces. Communities should be involved in which green spaces are improved and how they are enhanced.	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations	The Natural Environment White Paper set out a process for developing Local Nature Partnerships and Nature Improvement Areas – this is a competitive process for additional resources	1-4 years	Investigation is required of existing bids for Local Nature Partnerships and Nature Improvement Areas and stakeholders need to engage with that process to ensure that the objectives of this strategy become part of any successful local initiative.
		31. Stakeholders should develop a more nuanced approach to providing green infrastructure than that in the Local Plan. The value of green infrastructure is determined by such complex variables that simple benchmarks like those in Local Plan Policy LC2 are not enough – a more sophisticated approach is needed which	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), property professionals,	Core investment from local authorities in developing GIS skills/databases and gathering better data on community	1-4 years	Ensure Local Development Framework captures this aspiration Develop GIS and data gathering

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		takes account of the factors which affect how communities use and value green infrastructure, including travel times, walkability, barriers to access and attitudes to different green spaces.	private sector businesses, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations	needs and demand of green spaces through quality of life surveys.		skills and capacity in local authorities.
		32. Stakeholders could explore the potential for cost reductions through finding new ways of managing open green spaces; specialist advice is available from specialists like the Woodland Trust or Groundwork.	Carlisle District Council, Groundwork, Woodland Trust, friends of parks, allotments associations, residents associations	Self-funding from cost savings	1-4 years	Carlisle District Council's Green Spaces Strategy should make this a priority
QUALITY OF LIFE	IMPROVING HEALTH AND WELLBEING BY IMPROVING ACCESS TO GREEN SPACES	33. Stakeholders should work in partnership to do a comprehensive audit of the different communities' green infrastructure access so that the priority areas can be identified where people have the poorest access to open green spaces.	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Natural England, Defra, Environment Agency, Healthy City Partnership, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations,	Unlikely to attract external funding as its is effectively a statutory duty of local authorities	1-9 years	Carlisle District Council's Green Spaces Strategy should make this a priority By improving the quality of life surveying already undertaken. Use the GIS tools resulting from this commission

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			resident's associations			and enhance them with new and improved evidence data to create the audit.
		34. Stakeholders should shortlist the key barriers to green infrastructure accessibility around the city for existing communities and overcoming these barriers should be a priority with either pragmatic engineered solutions or alternative provision of open green spaces.	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Natural England, Defra, Environment Agency, Healthy City Partnership, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations	None required	1-4 years	As above... Not currently possible without new evidence, consultation and much better data on community needs and demands. Make this a key element of the spatial masterplan evidence base.
		35. Stakeholders need to ensure that new development does not further isolate any of the most health-deprived communities (listed below) from vital green infrastructure, and where possible new development should include new accessible and viewable green infrastructure to improve the health and wellbeing of neighboring communities.	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Natural England, Defra, Environment Agency, Healthy City Partnership, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment	Through developer 106 contributions from a growing city Continued fundraising from BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust	1-4 years	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan evidence base using the health/green infrastructure

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			associations, resident's associations	fundraising model		mapping data available through the GIS system created for this commission.
		36. Stakeholders should prioritise the maintenance of key linkages between communities and their green infrastructure (like the Memorial Bridge over the Eden) and should look over time to enhance these with additional linkages (like a bridge in the vicinity of old Waverley Bridge).	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, parish councils, allotment associations, resident's associations	Property owner's maintenance budgets for existing linkages like Memorial Bridge. For new linkages local authority investment and property develop contributions will be critical (when this is possible)	1-4 years for strategic focus Possible as long as 10-20 years for delivery of new linkages	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan evidence base using the health/green infrastructure mapping data available through the GIS system created for this commission.
		37. Stakeholders should work in partnership to encourage and support new users of open green spaces by communicating their whereabouts and encouraging a sense of community 'ownership'.	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, parish councils, allotment associations, resident's	Continued investment in green spaces team and projects like the Love Parks Week. Continued fundraising from	1-4 years	Continue progressive current initiatives like Love Parks week and support friend of parks groups and resident's associations

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			associations	BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model		Green Spaces Strategy should make engagement and 'ownership' a key priority.
		38. Stakeholders need to ensure that the quality of green spaces is sufficiently high to act as an 'attractor' for communities as this partly counters the negative perceptions of crossing a busy road or making a journey to reach the green space. To achieve this will require a new approach to attracting fundraising.	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, parish councils, allotment associations, resident's associations	Key focus for the Carlisle Trust fundraising model	1-4 years for strategic focus 5-9 years for physical solutions	Green Spaces Strategy should make quality of green spaces a key priority.
		39. Stakeholders need to engage with other owners of green spaces that could provide greater community access than they do at present. This applies particularly to schools around the city urban settlement whose sizeable playing fields are increasingly surrounded by security fences – This can be partly resolved by better communication of the public value of green spaces, and better solutions reached in future.	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, parish councils, allotment associations, resident's associations	Property owners through developments over time.	1-4 years for increasing understanding Longer-term for physical solutions in many cases.	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan evidence base using the health/green infrastructure mapping data available through the GIS

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		<p>40. Stakeholders should be aware that the issues are very similar in communities other than the Carlisle urban settlement and should support other communities in their attempts to enhance their access to the surrounding landscapes (See Chapter One – Image and Perception, Gateway to Great Landscapes).</p>	<p>Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, parish councils, allotment associations, resident's associations</p>	<p>Parish precepts, BIG Lottery or HLF, and also through property developer contributions</p>	<p>5-9 years</p>	<p>system created for this commission.</p> <p>Support fundraising by other stakeholders to make community renewal projects through green spaces possible.</p> <p>Support communities with the skills of the local authority's green spaces team.</p>
	<p>ACTIVELY USE GI TO IMPROVE HEALTH AND WELLBEING</p>	<p>41. Stakeholders should seek to address the inequalities in green infrastructure cover as a key part of addressing health inequalities in Carlisle's communities. This will require an evidence-based approach and should be highly targeted – this should include retro fitting of green infrastructure to the communities with the greatest need (see list above)</p>	<p>Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations</p>	<p>Through developer 106 contributions from a growing city</p> <p>Continued fundraising from BIG Lottery, HLF and trusts and foundations</p> <p>Key focus for the Carlisle Trust fundraising model</p>	<p>5-9 years</p>	<p>Ensure Local Development Framework captures this aspiration</p> <p>Make this a key element of the spatial masterplan evidence base using the health/green infrastructure mapping data available through the GIS system created</p>

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
						for this commission.
		42. Stakeholders should seek to develop new, or support existing, partnerships to integrate public health improvement measures and the management of, and creation of, green infrastructure in targeted communities – this can learn from projects like the Harraby Together We Can initiative.	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations	None required	1-4 years	Ensure Local Development Framework captures this aspiration Target using the health/green infrastructure mapping data available through the GIS system created for this commission which makes clear the target communities
		43. Stakeholders should seek to use emerging tools for measuring the 'social return' on investment of green infrastructure interventions (see, for example, Greenspace Scotland's Health Impact Assessments (2008))	Carlisle District Council, Cumbria County Council, Environment Agency, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations	None required (initially) Skills and tools that are useable by local authority and stakeholder staff	5-9 years	Make awareness of these tools part of the training and continued professional development for key members of staff in green spaces team
		44. Stakeholders need to ensure that effective measures are taken to meaningfully engage young people in open green	Carlisle District Council, Cumbria County Council,	Continued local authority investment in	1-4 years	Sustain current Green Spaces projects like

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		spaces lie parks and allotments to lay the foundations for a healthier, more active life – particularly through learning about food, physical exercise and environmental issues – measures like Love Parks week are critical to ensuring that existing and future green spaces are appreciated and ‘owned’ by communities.	Carlisle Youth Zone, Schools and colleges, University of Cumbria, Environment Agency, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident’s associations	green spaces team for outreach		Love Parks Week, and enhance where possible to engage young people through other partner organisations like schools. This needs to be a key element of the Green Spaces Strategy.
		45. Stakeholders need to ensure that new development does not further isolate any of the most health-deprived communities (listed above) from vital green infrastructure, and where possible new development should include new accessible and viewable green infrastructure to improve the health and wellbeing of neighboring communities.	Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), property professionals, private sector businesses, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident’s associations	Through developer 106 contributions from a growing city Continued fundraising from BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model	1-4 years for building evidence base and supplementary planning guidance 5-20 years for physical delivery	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan evidence base using the health/green infrastructure mapping data available through the GIS system created for this commission.
		46. Stakeholders should do an assessment of the needs of an ageing population and start	Carlisle District Council, Cumbria	Continued fundraising from	1-4 years	Continued local authority

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		to enhance and improve those facilities like allotments and parks that can make a major contribution to keeping that demographic active, healthy and with a high quality of life.	County Council, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations	BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model		investment in green spaces team for outreach
		47. Whilst the core focus may well be on the most health-deprived communities, more affluent and healthier communities are also benefitting from their green infrastructure and this should be sustained and enhanced where possible to maintain and sustain their health and wellbeing.	Carlisle District Council, Cumbria County Council, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations	Parish precepts and project specific funding	5-9 years	Support fundraising by other stakeholders to make community renewal projects through green spaces possible. Support communities with the skills of the local authority's green spaces team.
	USE OPEN SPACES TO IMPROVE COMMUNITY INTERACTION AND COHESION	48. Stakeholders should protect social green spaces, even where these currently have low biodiversity value, to encourage and facilitate community interaction, cohesion, civic pride and a sense of belonging. This applies particularly to open green spaces in Upperby, Botcherby, Castle, Harraby, Morton, Currock, Denton Holme, and St Aidans.	Carlisle District Council, Cumbria County Council, Healthy City Partnership, Primary care Trust, parish councils, allotment associations, resident's associations	None required	1-4 years	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan evidence base using the

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
						health/green infrastructure mapping data available through the GIS system created for this commission.
		49. Stakeholders should find ways to make some of the rather uninspiring existing open green spaces in these target communities more attractive places to meet, talk and engage with other people.	As above	Continued fundraising from BIG Lottery, HLF and trusts and foundations Key focus for the Carlisle Trust fundraising model	5-9 years	Ensure Local Development Framework captures this aspiration Develop evidence base on community cohesion that at present does not enable more specific green infrastructure interventions. Make this a key element of the spatial masterplan evidence base using the health/green infrastructure mapping data available through the GIS system created

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
						for this commission.
		<p>50. Stakeholders need to ensure that new communities (particularly those planned for Morton and Crindledyke in the near future) have adequate provision of open green spaces where people can meet, talk, play and interact in ways which shape a sense of belonging and community these should be part of the design plans submitted by developers.</p>	<p>Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), property professionals, private sector businesses, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations</p>	<p>Through developer 106 contributions from a growing city</p> <p>Continued fundraising from BIG Lottery, HLF and trusts and foundations</p> <p>Key focus for the Carlisle Trust fundraising model</p>	1-4 years	<p>Ensure Local Development Framework captures this aspiration</p> <p>Make this a key element of the spatial masterplan</p>
		<p>51. Stakeholders should support existing green space community groups (Friends of parks, Allotment Associations, Resident's Associations, etc.) in ways that enable them to continue with their current roles, but also to grow their capacity to do new things, and take on, when (or if) appropriate, more responsibilities over time for their local environment, and engage with new members of the community to lessen the burden on a handful of committed champions.</p>	<p>Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, and resident's associations</p>	Does not require significant funding	1-4 years	<p>Support communities with the skills of the local authority's green spaces team.</p> <p>Remove barriers to greater community-management where these exist.</p>

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		<p>52. Stakeholders should develop over time a programme of initiatives to create a stronger sense of shared community across the District by engaging different communities through the environmental features which connect them – for example urban schoolchildren could start a learning journey about food or other environmental issues in the familiar green spaces in their community before engaging with issues relating to the wider environment of the District.</p>	<p>Carlisle District Council, Cumbria County Council, Friends of the Lake District (Our Green Spaces team), Schools and colleges, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations</p>	<p>Suitable initiative for BIG Lottery or HLF, r a range of other project specific funders</p>	<p>1-4 years</p>	<p>Work in partnership to develop clear project briefs and support stakeholders to secure funding for delivery</p>
<p>SUSTAINABILITY AND RESILIENCE</p>	<p>MAKE COMMUNITIES MORE RESILIENT TO CLIMATE CHANGE AND ITS EFFECTS</p>	<p>53. The Local Development Framework provides an opportunity to ensure that the future of Carlisle's communities includes sufficient green spaces and vegetation to break up the mass of the urban area and its hard surfaces to mitigate urban heat island effect. Priority areas for consideration are:</p> <ul style="list-style-type: none"> a. Areas of high-density housing or development, b. Areas with low amounts of existing GI, c. Communities with high levels of people with long term limiting illnesses (with susceptibility to heat stress), 	<p>Carlisle District Council, Cumbria County Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's</p>	<p>Through developer 106 contributions from a growing city</p> <p>Key focus for the Carlisle Trust fundraising model</p>	<p>1-4 years for strategic focus</p> <p>Longer-term for physical changes</p>	<p>Ensure Local Development Framework captures this aspiration</p> <p>Make this a key element of the spatial masterplan with a need for enhanced evidence base</p> <p>Use health GIS mapping data provided through this</p>

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		d. Communities with higher levels of very young or very old people (due to limited ability to change behaviour during an event).				commission to target initiatives
		54. Existing green spaces that provide this function in areas with low levels of green cover should also be protected, and new urban areas should be broken up with green spaces and vegetation	Carlisle District Council, Cumbria County Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's	Through developer 106 contributions from a growing city Key focus for the Carlisle Trust fundraising model	1-4 years for strategic focus Longer-term for physical changes in targeted locations	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan with a need for enhanced evidence base Improve accuracy of the GIS green infrastructure modeling created by this commission.
		55. Green spaces that are fulfilling multiple functions, including mitigating urban heat island effect and reducing air pollution need to be protected to sustain and enhance these functions. Where traffic is projected to increase this should be anticipated and measures taken to retain, enhance or create the green infrastructure to fulfill the functions.	Carlisle District Council, Cumbria County Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment	Through developer 106 contributions from a growing city Key focus for the Carlisle Trust fundraising model	1-4 years for strategic focus Longer-term for physical changes	Ensure Local Development Framework captures this aspiration Ensure that this is part of the Green Spaces Strategy.

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
			associations, resident's associations			Improve accuracy of the GIS green infrastructure modeling created by this commission (e.g. it is not possible to predict future demand for pollution mitigation without a spatial masterplan which shows the scale, type and location of future development).
		56. Stakeholders should seek specialist support to identify those areas that currently have an issue with poor air quality created by traffic and work to ensure that street trees and other appropriate vegetation is retrofitted to contribute to resolving the issue.	Carlisle District Council, Cumbria County Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations	Core requirement of local authorities so would be unlikely to attract external funding	1-4 years	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan with a need for enhanced evidence base
		57. Stakeholders should work together to ensure that routes that are likely to create additional air pollution as a result of the	As above	As above	1-4 years	As above

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		growing city and increased traffic are the focus of efforts to add new green spaces, street trees and vegetation.				
		58. Stakeholders should actively seek to create an active transport network to reduce traffic and reliance on private cars, and encourage walking, biking and use of public transport. These transport corridors can also provide invaluable green corridors for wildlife and other ecosystem services.	Cumbria County Council, Carlisle District Council, Natural England, Defra, Sustrans, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, allotment associations, resident's associations	Through developer 106 contributions from a growing city Key focus for the Carlisle Trust fundraising model	10-20 years	Support Cumbria County Council in their review of cycling and walking routes Make this a key element of the spatial masterplan with a need for enhanced evidence base
	MANAGE FLOODING AND WATER QUALITY ISSUES MORE EFFECTIVELY AT A CATCHMENT SCALE	59. Stakeholders should find effective ways to work in partnership to manage flooding and water quality at a catchment-scale to reduce the risk of flooding. This will require engagement and incentives to encourage different land management practices in targeted areas	Natural England, National Farmers Union, CLA, Defra, Environment Agency, Eden Rivers Trust, Cumbria County Council, Carlisle District Council, Sustainable Carlisle, parish councils, allotment associations, resident's associations	Defra's agri-environment schemes	1-4 years	Support Natural England, Defra, and Environment Agency to create incentives for land managers to implement required changes.
		60. Within the urban settlement area flood risks should be reduced by increasing	Cumbria County Council, Carlisle	Through developer 106	1-4 years	Ensure Local Development

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
		<p>vegetation, the area of open green spaces, and by using sustainable urban drainage systems (SUDS). Stakeholders should ensure that the Local Development Framework enhances the policies in the Local Plan regarding to flood risk mitigation and management.</p>	<p>District Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, property professionals, and private sector businesses</p>	<p>contributions and designed into developments in the growing city</p>		<p>Framework captures this aspiration</p> <p>Make this a key element of the spatial masterplan with a need for enhanced evidence base building on existing evidence in the GIS green infrastructure needs mapping available because of this commission</p>
		<p>61. Stakeholders should prioritise measures that reduce diffuse pollution in urban and rural areas through using SUDS and Sustainable Drainage Systems (SuDS).</p>	<p>Cumbria County Council, Carlisle District Council, Natural England, Defra, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, property professionals, and private sector businesses</p>	<p>Through developer 106 contributions and designed into developments in the growing city</p>	<p>1-4 years</p>	<p>Ensure Local Development Framework captures this aspiration</p> <p>Make this a key element of the spatial masterplan with a need for enhanced evidence base building on existing evidence in the</p>

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
						GIS green infrastructure needs mapping available because of this commission
	ENHANCE AND CREATE WILDLIFE CORRIDORS	62. Stakeholders should consider enhancing biodiversity as a valuable cross cutting benefit that can, and should, result from many of the other green infrastructure interventions suggested in this strategy.	Cumbria County Council, Carlisle District Council, Natural England, Defra, Cumbria Wildlife Trust, AONBs, Hadrian's Wall Heritage Ltd, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, property professionals, and private sector businesses	Enabled through many of the other interventions described above, and this not necessarily requiring additional funding. Through developer 106 contributions and designed into developments in the growing city	1-4 years for initial delivery Long-term approach required	Ensure Local Development Framework captures this aspiration Make this a key element of the spatial masterplan with a need for enhanced evidence base building on existing evidence in the GIS green infrastructure needs mapping available because of this commission
		63. This may well require a policy in the Local development Framework like Policy CP2 – Biodiversity, which stated that development proposals should include enhancements to biodiversity to meet UK targets.	Cumbria County Council, Carlisle District Council, Natural England	None required	1-4 years	Ensure Local Development Framework captures this aspiration Make this a basic principle of the

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
						spatial masterplan
		64. Stakeholders should work to support partners to improve the quality of current wildlife sites through better habitat management and to protect wildlife sites, designated landscapes and SSSIs.	Cumbria County Council, Carlisle District Council, Natural England, Defra, Cumbria Wildlife Trust, AONBs, Hadrian's Wall Heritage Ltd, Environment Agency, Eden Rivers Trust, parish councils	Through measures set out in Natural Environment White Paper Potential for HLF landscape partnership scheme	1-4 years to get strategic approach right Longer-term approach for delivery	Work with key partners like Natural England to develop a strategic approach. Ensure Local Development Framework captures this aspiration Make this a basic principle of the spatial masterplan
		65. Stakeholders should seek to work in partnership to enhance biodiversity on farmland in key corridors between wildlife sites and in buffers around these sites.	Natural England, National Farmers Union, CLA, Defra, Environment Agency, Eden Rivers Trust, Cumbria County Council, Carlisle District Council	Strategic use of agri-environment schemes and potential for a HLF landscape partnership bid like that proposed by Hadrian's Wall Heritage Ltd	1-4 years for securing funding Long-term approach for delivery	Support key delivery agents like Natural England, Defra and landscape management business and organisations Enhance the evidence base with updated information and surveys on biodiversity status of different areas.

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		66. Stakeholders should ensure that the Local Development Framework gives adequate protection to the river corridors, both to protect them, and as importantly, to enhance their role in the aesthetics and life of the city region. This should be an enhanced version of Policies LE4 and LE26 in the Local Plan.	Cumbria County Council, Carlisle District Council, Natural England	None required	1-4 years	Ensure Local Development Framework captures this aspiration Make this a basic principle of the spatial masterplan
		67. Stakeholders should work to improve the biodiversity value, and perhaps the quantity if appropriate, of the woodland and forestry in the city region, as this is often single species commercial forestry with low biodiversity value.	Natural England, National Farmers Union, Woodland Trust, Landowners, Forestry Commission, CLA, Defra, Environment Agency, Eden Rivers Trust, Cumbria County Council, Carlisle District Council	Agri-environment schemes to change more bio-diverse management and planting	1-4 years	Work with the Forestry Commission to identify where changes are most appropriate
		68. Stakeholders should work to protect high biodiversity value spaces in urban areas, particularly parcels of derelict land or brownfield land, which provides critical habitat for biodiversity (as in Policy LE30 in the Local Plan).	Cumbria County Council, Carlisle District Council, Natural England, Defra, Cumbria Wildlife Trust, AONBs, Hadrian's Wall Heritage Ltd, Environment Agency, Eden Rivers Trust, Sustainable Carlisle, parish councils, property	Through developer 106 contributions from a growing city Key focus for the Carlisle Trust fundraising model	1-4 years for strategic focus 5-9 years for physical changes	Support environmental stakeholder organisations to develop a strategic approach to derelict or brownfield land Ensure Local Development Framework captures this

THEME	FOCUS ACTION	RECOMMENDATIONS	POTENTIAL PARTNERS	POTENTIAL FUNDING/ INVESTMENT	INDICATIVE TIMESCALES	NEXT STEPS
			professionals, and private sector businesses			aspiration Make the importance of these habitats a basic principle of the spatial masterplan
		69. Stakeholders should work through the Green Spaces Strategy to enhance the biodiversity of Carlisle's parks and other open green spaces through improving habitats.	Carlisle District Council, Cumbria Wildlife Trust, Groundwork, The Woodland Trust, parish councils, allotment associations, friend organisations, resident's associations Natural England, Environment Agency, Eden Rivers Trust, Cumbria County Council, Sustainable Carlisle	Key focus for the Carlisle Trust fundraising model – to move beyond limited capacity of Lottery and local authority funds to provide enough investment	1-4 years for strategic focus Long-term approach to delivery	Ensure Local Development Framework captures this aspiration Ensure that this is part of the Green Spaces Strategy.
		70. Stakeholders should ensure that the Local development Framework raises the strategic importance given to street trees and other urban vegetation (enhancing Policy CP3 in the Local Plan), particularly on key routes to combat climate air pollution, sustain wellbeing, and provide green corridors for wildlife.	Carlisle District Council, The Woodland Trust, parish councils, allotment associations, friend organisations, resident's associations	None required	1-4 years	Develop the evidence base and improve its accuracy on street trees needed using GIS green infrastructure system created

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			Natural England, Environment Agency, Eden Rivers Trust, Cumbria County Council, Sustainable Carlisle			<p>by this commission</p> <p>Improve the communication of the need for street trees using that evidence</p> <p>Ensure Local Development Framework captures this aspiration</p> <p>Ensure that this is part of the Green Spaces Strategy.</p>
		71. Stakeholders should work in partnership to better connect communities to the biodiversity of the District, and of the urban areas in particular, to ensure that it is appreciated, utilised and enjoyed by local communities to enhance their quality of life.	Cumbria County Council, Carlisle District Council, Natural England, Defra, Cumbria Wildlife Trust, AONBs, Hadrian's Wall Heritage Ltd, Environment Agency, Eden Rivers Trust, parish councils	Key focus for the Carlisle Trust fundraising model – to move beyond limited capacity of Lottery and local authority funds to provide enough investment	<p>1-4 years to develop specific projects and pursue project specific funding</p> <p>5-9 years for full-scale implementation</p>	Develop through partnership working a portfolio of projects to achieve this – e.g. support partner organisations like Eden Rivers trust in development of community engagement projects

