

A Local Plan for

Lancaster District

2020 – 2031

Plan period 2011 - 2031



**Green & Blue Infrastructure
Strategy Toolkit_ Appendix 5
[January 2022]**

Appendix 5: Proposed GBI Toolkit

Guidance Notes

Purpose of this Toolkit

proposal, and to demonstrate how thorough and careful consideration of such GBI interventions can deliver multiple functions and subsequently, multiple benefits (as set out in the Green and Blue Infrastructure Strategy). The list within this Toolkit is not exhaustive, but demonstrates how GBI interventions can be implemented in a way that provides a wider range of benefits in relation to recreation, ecology, landscape, water management, active travel and the historic environment, and how they can also contribute towards climate change adaptation and mitigation (in accordance with policy DM43 of the Climate Emergency Review of the Development Management DPD). Each site is unique and so there is not a one size fits all approach, and so this toolkit sets out some examples of the GBI interventions that could be incorporated.

The Toolkit itself

Column One: Number

The number is used to demonstrate how a high level GBI requirement can be broken down into a number of suggestions as to how

Column Two: Suggested GI intervention

Orange boxes are high level GBI requirements

These are then broken down into suggestions of how to implement for added cobenefits (For example, you can plant trees that provide wind breaks and higher carbon sequestration to check more boxes)

Column Three: Planning Consideration

This column identifies whether the suggested GBI intervention, is already 'addressed through policy', is 'preferable', or 'desirable'. Those which are addressed through policy are effectively a requirement (i.e. top of the priority scale), moving down to 'preferable', and then 'desirable'. Ideally the greater the number of benefits that can be achieved (where

Column Four: Policy

Where the Suggested GBI Intervention is addressed through policy, the purpose of this column is to identify the specific policy/policies

Column Five: Key GBI Strategy Priority Areas

The GBI Strategy identified 6 key themes/uses of GBI, that encapsulate the multifunctional value of our green and blue spaces, corridors and chains. These 6 key themes have been included within the toolkit to demonstrate how GBI interventions can deliver these multi-functional benefits on the ground, and how it is not necessarily one use for one GBI space/asset.

Column Six: Climate Change Priority Areas

The main purpose of the Climate Emergency Review of the Local Plan is to look at how planning policy can better adapt and mitigate the impacts of climate change. One of the key areas of focus in green and blue infrastructure. This column therefore highlights how certain GBI interventions can contribute towards climate change mitigation and/or adaptation and therefore

Column Seven: Other GBI Co-benefits

In addition to the six key themes/uses of GBI, the GBI Strategy looked into the wider socio-economic context and how GBI can generate subsequent wider benefits, such as those set out within this column, again emphasising the need and value of GBI as part of new development.

Column Eight: Your Planned Development

You can use these blue boxes to mark all of the GBI features you have chosen to incorporate as part of your development and how in more detail. This will then help to clearly demonstrate the multi-functional benefits that the GBI delivered as part of your scheme will provide. Additional GBI interventions can be added to the list (the list provided in this toolkit is

Number	Suggested GBI intervention	Planning Consideration	Policy	Key GBI Strategy Priority Areas							Climate Change Priority Areas		Other GBI Co-benefits						Your planned development	
				Recreation and Accessible Green Space	Ecology and Biodiversity	Active Travel	Landscape	Water management	Historic Environment	Climate change adaptation	Climate change mitigation	Economic prosperity & investment	Land & property values	Labour productivity	Tourism	Products from the land	Health & well-being	Quality of place	Has GI intervention been used?	Comment on how it was used
1	Increase tree cover on site	Required through planning policy	DM45	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
1.1	Select a mixture of native species (to provide food and habitat for wildlife)	Preferable			x		x				x									
1.2	Select species to improve air quality	Preferable					x				x					x				
1.3	Select species to provide shade (e.g. that will have large canopies when mature) and plant in areas where people walk and gather	Preferable		x		x	x				x					x				
1.4	Select broadleaf species and plant to provide shade to buildings (e.g. on south facing facades)	Required through planning policy	DM30								x					x				
1.5	Select species with large canopies to capture rainwater	Desirable						x			x									
1.6	Select species (e.g. conifers) and plants to provide wind shelter	Desirable				x					x							x		
1.7	Select species and plant for aesthetic quality / image and to provide visual screening	Preferable					x				x	x		x				x		
1.8	Select species to provide fruit and nuts	Preferable	See sustainable homes checklist								x				x			x		
1.9	Planted in streets	Preferable						x		x	x	x						x		
1.11	Retain existing mature trees on site	Preferable			x			x		x	x							x		
1.11	Planted along streams, rivers and on floodplains	Preferable						x		x										
1.12	Select and manage species to provide carbon sequestration and storage	Preferable									x									
1.13	Plant trees to stabilise slopes and soils vulnerable to erosion	Required through planning policy	DM29		x		x				x									
1.14	Plant trees as part of a sound barrier	Desirable										x						x		
1.15	Manage trees on site as a timber and/or fuel resource	Desirable									x	x			x					
2	Install green roofs	Required through planning policy	Case-by-case see DM30	x	x		x	x		x	x	x	x		x	x	x			
2.1	Designed to capture rainwater	Required through planning policy	Case-by-case see DM30					x			x									
2.2	Design green roofs to increase biodiversity (e.g. a using a variety of substrates, differing depths, and selecting species appropriately)	Required through planning policy	DM30		x						x									
2.3	Design green roofs to allow access by people	Preferable		x									x			x				
2.4	Grow food crops	Preferable									x			x						

