P_29.3

A Local Plan for Lancaster District 2020 – 2031

Plan period 2011 - 2031

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

Shaping a better future



Appendix 5: Proposed GBI Toolkit Guidance Notes

Purpose of this Toolkit

development 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 exhauxtive, 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

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

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 multifuncational 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

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 infrasructure. This column therefore highlights how certain GBI interventions can contorbute towards climate change mitigation and/or

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

				-						Climate Ch	ange Priority									
	Key GBI Strategy Priority Areas									eas			Other G	GBI Co-benef	its	Your planned development				
				Recreation						Climata	Climata	Economic	Land P			Droducto				
		Planning		and Accessible	Ecology and			Water		Climate change		Economic prosperity &	Land & property	Labour		Products from the	Health &		Has GI intervention	
Numb	00	Consideration	Policy		Biodiversity		Landscape	management			mitigation	investment	values	productivity T	Fourism	land	well-being	place	been used?	Comment on how it was used
		Required through																		
		planning policy	DM45	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×		
	Select a mixture of native																			
	species (to provide food and 1 habitat for wildlife)	Preferable																		
	Select species to improve air	Preferable			×		×			×										
	.2 quality	Preferable					×			×							×			
	Select species to provide shade (e.g. that will have large																			
	canopies when mature) and																			
	plant in areas where people 3 walk and gather	Preferable		~		~	~			~										
	Select broadleaf species and									Â										
	plant to provide shade to buildings (e.g. on south facing	In planning																		
		policy	DM30							×							×			
	Select species with large																			
		Desirable						×		×										
	Select species (e.g. conifers)																			
	and plants to provide wind 6 shelter	Desirable				×				×								×		
	Select species and plant for																			
	aesthetic quality / image and 7 to provide visual screening	Preferable					×					×	×		×			×		
			See																	
	Select species to provide fruit		sustainable homes																	
		Preferable	checklist							×						×		×		
	.9 Planted in streets Retain existing mature trees	Preferable						×		×	×	×	×					×		
	.1 on site	Preferable			×			×		×	×		×					×		
1	Planted along streams, rivers 11 and on floodplains	Preferable						~		~										
	Select and manage species to							Â												
1	provide carbon sequestration 12 and storage	Preferable																		
	Plant trees to stabilise slopes	In planning									×									
	13 and soils vulnerable to erosion Plant trees as part of a sound	policy	DM29		×		×			×										
1	14 barrier	Desirable											×					×		
1	Manage trees on site as a 15 timber and/or fuel resource	Desirable										×				×				
		In planning	Case-by-case								×	X				X				
	2 Install green roofs	policy In planning	see DM30 Case-by-case	×	×		×	×		×	×	×	×	×		×	×	×		
	2.1 Designed to capture rainwater	• •	see DM30					×		×										
	Design green roofs to increase																			
	biodiversity (e.g. a using a variety of substrates, differing																			
	depths, and selecting species	In planning																		
	2.2 appropriately) Design green roofs to allow	policy	DM30		×					×										
	2.3 access by people	Preferable		×										×			×			
		Preferable								×				×		×				

Install on buildings which are	1	1																
overlooked for aesthetic																		
	Desirable																	
											×	×	× ×				×	
Install green roofs to improve																		
energy efficiency of the																		
	Preferable									×	×	×					×	
Install green roofs to improve	In planning																	
2.7 water management	policy	DM30					×									×		
Install green roofs to improve	In planning																	
	policy	DM30																
	In planning								<u> </u>									
3 Install green walls	policy	DM30																
	policy	DIVISU		×			×		×	× ×	×	×			×	×	×	
Plant to provide shade to																		
buildings (e.g. on south facing																		
facades); reducing direct solar																		
gain in summer, use species to	In planning																	
3.1 allow for solar gain in winter	policy	DM30								×						×		
Plant to increase biodiversity																		
(e.g. species to provide food	In planning																	
	policy	DM30																
		DIVISU		×					×								×	
-	Preferable								×						×		×	
Plant to improve aesthetic																		
· · · ·	Desirable										×	×					×	
Install green walls to improve	In planning																	
3.5 water management	policy	DM30					×									×		
Install green walls to improve																		
	policy	DM30																
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4 interventions			×	×		×	×		×	×	×	×	×	×	×	×	×	
	In planning																	
4.1 Increase green cover on site	policy	DM30, DM43		×		×	×		×	×							×	
Design green infrastructure on																		
site to provide a variety of																		
micro-climates for users (e.g.																		
access to sun, shade, wind																		
4.2 shelter)	Preferable		×						×							×	×	
Plant vegetation to stabilise																		
slopes and soils vulnerable to	In planning																	
4.3 erosion	policy	DM29				×												
Safeguard wildlife habitats on		SP8, DM43,				^			<u>^</u>									
4.4 site	policy	DM44																
		DIVI44		×		×			×									
Create new habitats on site,	In planning																	
4.6 including ponds	policy	DM43		×		×	×		×									
Select vegetation to provide																		
food for wildlife e.g. nectar																		
4.7 rich plants	Preferable			×														
Plant a diverse mixture of																		
vegetation, using native																		
	Desirable																	
				×		×	×	×	×	×							×	
	In planning																	
4.9 Install bird and bat boxes	policy	DM29		×					×									
Minimise use of mown lawns																		
	Desirable			×		×			×									
Avoid development in areas of																		
high carbon storage (including																		
peatlands - covered by																		
-	Preferable																	
						×				×								
Design the green																		
infrastructure to improve the																		
image of the area, taking into																		
4.12 account landscape character		DM43, DM46				×		×			×	×		×			×	
Provide public access to the on																		
site green infrastructure,																		
	In planning																	
	policy	DM43, DM27																
	Policy	טועוב, נדיויב), נייובי	× .		×							×				×	×	
Provide benches on-site, in a																		
-	Desirable		×		×									×		×	×	
Provide recreation facilities on																		
	policy	DM27	×									×				×		
Safeguard existing green																		
infrastructure and landforms																		
that act as sound and visual																		
	Desirable																	
TO Nat 1613		1				×		×				×					×	

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Make linear features such as																	
canals, rivers, railway lines,																	
and road verges friendly to	In planning																
6.2 wildlife	policy	DM43		×		×			×						×		
Create new wildlife friendly																	
linear features (e.g.	In planning																
6.3 hedgerows)	policy	DM43		×		×			×						×		
Safeguard existing rights of	In planning																
6.4 way on the site	policy	DM61	×		×									<u> </u>	× ×		
Connect public access routes																	
in on-site green infrastructur																	
to existing access routes in the	ne																
surrounding area (e.g. public																	
rights of way and active trave																	
6.5 networks)	policy	DM43, DM61	×		×				×	×				,	k ×		
Provide sign-posting to																	
connect up green																	
6.6 infrastructure routes	Desirable		×	×	×					×			×	,	x x		
7 Other GBI interventions			×	×	×	×	×	×	×	×	×	×	×				
Provide sufficient landscapin	g																
areas/buffer zones and	-																
appropriate levels of open																	
space provision to mitigate																	
development impacts on																	
adjoining sensitive uses and	In planning																
7.1 the open countryside	policy	DM29	~					~									
Implementation of a GBI	1 /		^								^						
Management and	In planning																
7.2 Maintenance Plan	policy	DM43	~				~	~									
Provide contributions toward			^	^	^			^	^		^	^			^		
open space, sports and	-																
recreational facility provision	In planning																
7.3 in areas of deficiency	policy	DM27															
Positively incorporate existin			×		×				×		×	×		>			
7.4 trees and hedgerows	policy	DM45															
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