

The Biodiversity Metric 2.0 - Calculation Tool

Start page

Project details

Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Revision:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions

	Enter data
	Automatic lookup
	Result

Instructions

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Results

View all

Reset view

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Technical data

Results

Street tree helper		
Tree size	Tree number	Area
Small		0.0000
Medium		0.0000
Large		0.0000
Total	0.00	0.0000

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1

2

3

4

On-site baseline

A-1
On-site habitat

B-1
On-site hedge baseline

C-1
On-Site river baseline

On-site post development

A-2 Habitat creation

A-3 Habitat enhancement

A-4 Habitat accelerated succession

B-2 Hedgerow creation

B-3 Hedgerow enhancement

C-2 River creation

C-3 River enhancement

Off-site baseline

D-1
Off-site habitat

E-1
Off-site hedge baseline

F-1
Off-site river baseline

Off-Site post development

D-2 Habitat creation

D-3 Habitat enhancement

D-4 Habitat accelerated succession

E-2 Hedgerow creation

E-3 Hedgerow enhancement

F-2 River creation

F-3 River enhancement

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Headline results

Detailed results

Habitat trading
summary

Headline Results

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On-site baseline	<i>Habitat units</i>	1.61
	<i>Hedgerow units</i>	0.67
	<i>River units</i>	0.00
On-site post-intervention (Including habitat retention, creation, enhancement & succession)	<i>Habitat units</i>	0.48
	<i>Hedgerow units</i>	0.58
	<i>River units</i>	0.00
Off-site baseline	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Off-site post-intervention (Including habitat retention, creation, enhancement & succession)	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total net unit change (including all on-site & off-site habitat retention/creation)	<i>Habitat units</i>	-1.13
	<i>Hedgerow units</i>	-0.09
	<i>River units</i>	0.00
Total net % change (including all on-site & off-site habitat creation + retained habitats)	<i>Habitat units</i>	-70.19%
	<i>Hedgerow units</i>	-13.49%
	<i>River units</i>	0.00%

A-1 Site Habitat Baseline

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Habitats and areas				Habitat distinctiveness	Habitat condition	Ecological connectivity	Strategic significance	Suggested action to address habitat losses	Ecological baseline
Ref	Broad Habitat	Habitat type	Area (hectares)	Distinctiveness	Condition	Ecological connectivity	Strategic significance		Total habitat units
1									
2	Urban	Urban - Vegetated garden	0.07	Low	Poor	Low	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required	0.14
3	Heathland and shrub	Heathland and shrub - Bramble scrub	0.232	Medium	Fairly Poor	Low	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required	1.39
4	Urban	Urban - Amenity grassland	0.041	Low	Poor	Low	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required	0.08
5									
6									
7									
8									
9									
10									
11									
12									
Total site area ha			0.34					Total Site baseline	1.61

Retention category biodiversity value								Bespoke compensation agreed for unacceptable losses	Comments	
Area retained	Area enhanced	Area succession	Baseline units retained	Baseline units enhanced	Baseline units succession	Area lost	Units lost		Assessor comments	Reviewer comments
			0.00	0.00	0.00	0.07	0.14			
			0.00	0.00	0.00	0.23	1.39			
			0.00	0.00	0.00	0.04	0.08			
0.00	0.00	0.00	0.00	0.00	0.00	0.34	1.61			

A-2 Site Habitat Creation

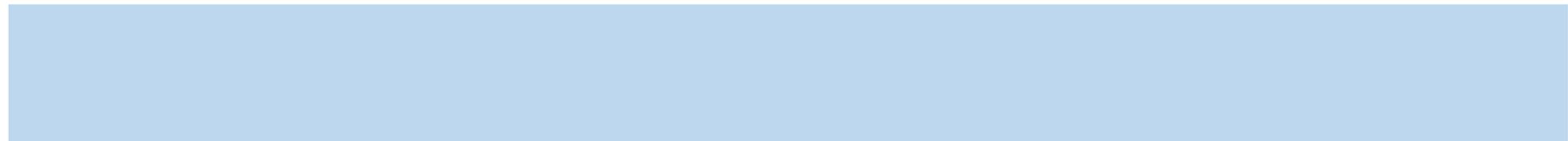
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Post development/ post intervention habitats										
Proposed habitat	Area (hectares)	Distinctiveness	Condition	Ecological	Strategic significance	Temporal multiplier	Difficulty	Habitat units delivered	Comments	
				Ecological connectivity	Strategic significance	Time to target condition/years	Difficulty of creation category		Assessor comments	Reviewer comments
Urban - Amenity grassland	0.096	Low	Poor	Low	Area/compensation not in local strategy/ no local strategy	1	Low	0.19		
Urban - Introduced shrub	0.012	Low	Moderate	Low	Area/compensation not in local strategy/ no local strategy	1	Low	0.05		
Grassland - Other neutral grassland	0.044	Medium	Moderate	Low	Area/compensation not in local strategy/ no local strategy	10	Low	0.25		
Urban - Developed land; sealed surface	0.191	V.Low	N/A - Other	N/A	Area/compensation not in local strategy/ no local strategy	0	Low	0.00		
Urban - Street Tree	0.002	Low	Moderate	N/A	Area/compensation not in local strategy/ no local strategy	27	Low	0.00		
Totals	0.34							0.48		



Post development/ post intervention habitats										
Change in distinctiveness and condition			Area (hectares)	Distinctiveness	Score	Condition	Score	Ecological connectivity		
Proposed habitat (Pre-populated but can be overridden)	Distinctiveness change	Condition change						Ecological connectivity score	Connectivity	Connectivity multiplier

		Total site area	0.00						
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Strategic significance			Temporal multiplier		Difficulty multipliers		Habitat units delivered	Comments	
Strategic significance	Strategic significance	Strategic position multiplier	Time to target condition/years	Time to target multiplier	Difficulty of enhancement category	Difficulty of enhancement multiplier		Assessor comments	Reviewer comments
Enhancement total							0.00		

Strategic significance			Temporal multiplier		Difficulty multipliers		Habitat units delivered	Comments	
Strategic significance	Strategic significance	Strategic position multiplier	Time to target condition/years	Time to target multiplier	Difficulty of creation category	Difficulty of creation multiplier		Assessor comments	Reviewer comments
			20	0.490	Medium	0.67			
							0.00		

B-1 Site Hedge Baseline

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Baseline ref	UK Habitats - existing habitats			Habitat distinctiveness		Habitat condition		Ecological connectivity			Strategic signifi
	Hedge number	Hedgerow type	length KM	Distinctiveness	Score	Condition	Score	Ecological connectivity	Connectivity	Connectivity multiplier	Strategic significance
1	1	Hedge Ornamental Non Native	0.013	V.Low	0	Poor	1	Low	Unconnected habitat	1	Area/compensation not in local strategy/ no local strategy
2		Hedge Ornamental Non Native	0.017	V.Low	0	Poor	1	Low	Unconnected habitat	1	Area/compensation not in local strategy/ no local strategy
3		Line of Trees	0.036	Low	2	Poor	1	Low	Unconnected habitat	1	Area/compensation not in local strategy/ no local strategy
4		Line of Trees	0.075	Low	2	Moderate	2	Low	Unconnected habitat	1	Area/compensation not in local strategy/ no local strategy
5		Native Hedgerow with trees	0.049	Low	2	Good	3	Low	Unconnected habitat	1	Area/compensation not in local strategy/ no local strategy
Total Site length/KM			0.19								

Significance	Strategic position multiplier	Suggested action to address habitat losses	Ecological baseline Total hedgerow units
Low Strategic Significance	1	Same distinctiveness band or better	0
Low Strategic Significance	1	Same distinctiveness band or better	0
Low Strategic Significance	1	Same distinctiveness band or better	0.072
Low Strategic Significance	1	Same distinctiveness band or better	0.3
Low Strategic Significance	1	Same distinctiveness band or better	0.294
Total Site baseline			0.67

Retention category biodiversity value						Comments	
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	Assessor comments	Reviewer comments
		0	0	0.013	0		
		0	0	0.017	0		
		0	0	0.036	0.072		
		0	0	0.075	0.3		
		0	0	0.049	0.294		
0.00	0.00	0.00	0.00	0.19	0.67		

B-2 Site Hedge Creation

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		Proposed habitats		Habitat distinctiveness		Habitat condition		Ecological connectivity		
Baseline ref	New hedge number	Habitat type	Length km	Distinctiveness	Score	Condition	Score	Ecological connectivity	Connectivity	Connectivity multiplier
1		Native Species Rich Hedgerow with trees	0.067	Medium	4	Moderate	2	Low	Unconnected habitat	1
2		Native Hedgerow	0.097	Low	2	Moderate	2	Low	Unconnected habitat	1
3										
4										
5										
Creation Length/KM			0.16							

Multipliers								
Spatial quality			Temporal multiplier		Difficulty of creation multiplier	Hedge units delivered	Comments	
Strategic significance			Time to target condition/years	Time to target multiplier			Assessor comments	Reviewer comments
Strategic significance	Strategic significance	Strategic position multiplier						
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10	0.700	0.67	0.25		
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0.837	1	0.32		
						0.58		