

The Biodiversity Metric 3.1 - Calculation Tool

Start page

Project details	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Metric version:	
Assessment date:	
Planning authority reviewer:	

Instructions

Main menu

Results

Cell style conventions	
	Enter data
	Automatic lookup
	Result

View all

Reset view

On-site baseline map

Insert

On-site post intervention map

Insert

Off-site baseline map

Insert

Off-site post intervention map

Insert

The Biodiversity Metric 3.1 - Calculation Tool

Main menu

Key

-  Area habitats
-  Hedgerows and lines of trees
-  Rivers and streams

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- Technical data
- Results

Urban tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	0	0.0000

Start here



On-site baseline

- A-1 On-site habitat baseline
- B-1 On-site hedge baseline
- C-1 On-site river baseline

On-site post development

- A-2 Habitat creation
- A-3 Habitat enhancement
- B-2 Hedgerow creation
- B-3 Hedgerow enhancement
- C-2 River creation
- C-3 River enhancement

Off-site baseline

- D-1 Off-site habitat baseline
- E-1 Off-site hedge baseline
- F-1 Off-site river baseline

Off-site post development

- D-2 Off-site habitat creation
- D-3 Off-site habitat enhancement
- E-2 Off-site hedge creation
- E-3 Off-site hedge enhancement
- F-2 Off-site river creation
- F-3 Off-site river enhancement

The Biodiversity Metric 3.1 - Calculation Tool Results

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Headline Results

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On-site baseline	<i>Habitat units</i>	5.37
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	25.28
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
On-site net % change <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	370.67%
	<i>Hedgerow units</i>	0.00%
	<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 <small>(Including habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total net unit change <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	19.91
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total on-site net % change plus off-site surplus <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	<i>Habitat units</i>	370.67%
	<i>Hedgerow units</i>	0.00%
	<i>River units</i>	0.00%
Trading rules Satisfied?	Yes ✓	

A-1 Site Habitat Baseline

Condense / Show Columns Condense / Show Rows
 Main Menu Instructions

Ref	Habitats and areas			Distinctiveness		Condition		Strategic significance			Suggested action to address habitat losses	Ecological baseline Total habitat units
	Broad Habitat	Habitat Type	Area (hectare)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic Significance multiplier		
1	Grassland	Modified grassland	0.668	Low	2	Poor	1	Formally identified in local strategy	High strategic significance	1.15	Same distinctiveness or better habitat required ≥	1.54
2	Grassland	Modified grassland	1.917	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	3.83
3												
4												
5												
6												
7												
		Total habitat area	2.59									5.37

Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		Assessor comments	Reviewer comments
		0.00	0.00	0.67	1.54		Calculation of value of grassland before loss	
		0.00	0.00	1.92	3.83		Calculation of value of grassland before loss	
0.00	0.00	0.00	0.00	2.59	5.37			

Total area lost (excluding area of Urban trees and Green walls) 2.59

A-2 Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Check Areas - Area cross check failed (Baseline habitat lost does not match development footprint plus area of new habitat creation)

Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance			Post development/ post intervention habitats			Temporal multiplier			Difficulty multipliers			Habitat units delivered	Comments		
			Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation		Difficulty multiplier applied	Assessor comments	Reviewer comments
Woodland and forest	Other woodland; mixed	3.163	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	6	Check details- Delay in starting habitat in required condition? A.	11	0.676	Low	Standard difficulty applied	Low	1	8.55	Calculation for value of woodland for 6 years	
Grassland	Other neutral grassland	1.36	Medium	4	Poor	1	Formally identified in local strategy	High strategic significance	1.15	2	0	0	Standard time to target condition applied	2	0.931	Low	Standard difficulty applied	Low	1	5.83	Grassland created from felled woodland for 6 years	
Grassland	Other neutral grassland	1.803	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	2	0	0	Standard time to target condition applied	2	0.931	Low	Standard difficulty applied	Low	1	6.72	Grassland created from felled woodland for 6 years	
Grassland	Modified grassland	0.668	Low	2	Poor	1	Formally identified in local strategy	High strategic significance	1.15	1	0	6	Check details- Delay in starting habitat in required condition? A.	7	0.779	Low	Standard difficulty applied	Low	1	1.20	Calculation for value of grassland lost for 6 years	
Grassland	Modified grassland	1.917	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	6	Check details- Delay in starting habitat in required condition? A.	7	0.779	Low	Standard difficulty applied	Low	1	2.99	Calculation for value of grassland lost for 6 years	
Urban	Artificial unvegetated, unsealed surface	2.586	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00	Value of habitat replacing grassland	

