

Biodiversity Net Gain: a big idea?





A biodiversity metric

www.defra.gov.uk

Biodiversity Offsetting Pilots

Technical Paper: the metric for the biodiversity offsetting pilot in England

March 2012



The Biodiversity Metric 2.0

auditing and accounting for biodiversity

Calculation Tool



Beta Version - December 2019

Beta Test

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Total net % change

(including all on-site & off-site habitat creation + retained

Grassland

Cro pland

100.0

200.0

Habitat units	12.67%
Hedgerow units	0.00%
River units	0.00%

Wetland

Urban

Intertidal

sediment

forest

Coastal

saltmarsh

Unit change by habitat group 200.0 100.0

Sparsely

vegetated land

Heathland and Rivers and lakes

shrub

Area lost by distinctiveness band

Area lost (hectares)	Area lost (%)					
0						
0						
0.37	42					
0.52	58					
0						
	0 0 0.37 0.52					

Rocky shore Coastal lagoons

Good Practice Principles

Biodiversity Net Gain

Good practice principles for development

BNG is about nature, not numbers

Biodiversity net gain.

Good practice principles
for development

A practical guide









Training

Calculating and Using Biodiversity Units with Metric 2.0







DATE 29 APR - 29 APR

Biodiversity Net Gain Through Development













Better is different from best

 Development that leaves the natural environment in measurably better state than beforehand

 Outcomes for nature depend on the starting point 10% = best





10% = better





Define our goal for nature

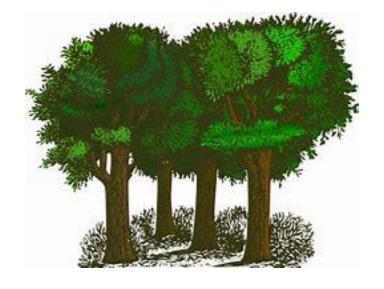






Reduced habitat cover

Define our goal for nature



✓ BNG by enhancing existing woods



Better is different from best

Development that leaves the natural environment in measurably better state than beforehand

- Yes for individual projects
- But define the ultimate goal
- Track progress towards it

In practice

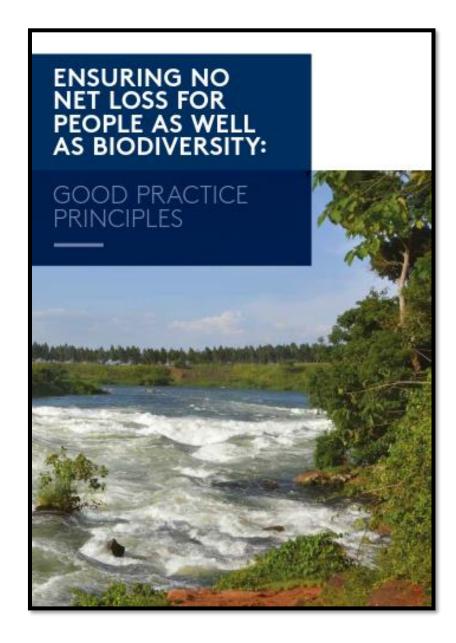
- Apply the Principles to a specific project or organisation
- Gather learnt lessons
- Openly share

	Case studies	Engaging stakeholders	Applying the mitigation hierarchy	Designing BNG to deliver Lawton's principles	Contributing to biodiversity priorities	Securing long-term outcomes	BNG activities on site or through offsetting	Securing BNG through a broker or third party	UK-wide legal and policy aims
1	Enhancing biodiversity at Gatwick Airport				✓				✓
2	Ecosystem services valuation, Medmerry scheme	✓					✓		✓
3	2500 homes at land east of Aylesbury (Kingsbrook)	✓	✓		✓				
4	Major road maintenance on the A338 (Bournemouth Spur Road)	✓	✓	✓	✓	✓	✓	✓	
5	Redevelopment at St Leonards Hospital, Dorset	✓	✓	✓	✓	✓		✓	
6	Greater West Programme: Fulscot access road, Didcot					✓			
7	Greater West Programme: Hay Lane, Swindon					✓			
8	Implementing a new EPS licence	✓						✓	✓
9	Biodiversity net positive pilot: Midland Mainline Programme	✓							

Biodiversity net gain. Good practice principles for development

Case studies





https://www.iccs.org.uk/sites/www.iccs.org.uk/files/inline-files/NNL%20for%20people%20and%20biodiversity%20principles..pdf

- Assess the impacts on people from BNG
- Positive & negative impacts
- Design BNG in ways that safeguard, & ideally enhance, people's wellbeing
- Ecometric

Is Biodiversity Net Gain a big idea?

Definition

- Milestones
 - A biodiversity metric
 - Good practice principles
 - Training
- Lessons learnt
 - Better is different from best
 - Share experiences
 - Include people







TYPE WEBINAR



EVENT LEVEL SUITABLE FOR ALL



LOCATION WEBINAR



DATE 01 MAY - 01 MAY



Polls!

What is the most important activity for BNG uptake:

- A biodiversity metric
- Training
- Policy
- Case studies
- Other

