

Biodiversity gain plan

Submit a biodiversity gain plan to show how your development will achieve biodiversity net gain.

When to use this form

A biodiversity gain plan shows how a development will achieve 10% biodiversity net gain (BNG). Submit this form to your local planning authority after they approve your planning application.

Unless your development is exempt, you cannot start the development until the LPA approves your biodiversity gain plan and biodiversity metric calculation tool.

1. Submission details

1.1 Date

For example, 3/11/2023

04/07/2025

1.2 Planning application reference number

TBC – SUBMITTED AS PART OF THE APPLICATION
FOR INFORMATION ONLY

1.3 Local planning authority (LPA)

North Herts Council

1.4 Development site address

If the site does not have an address, enter the OS grid reference.

Cumberlow Green, Hertfordshire SG7 6RN (Central
National Grid reference: TL 29197 30421)

1.5 Describe the development

Tell us about the proposed development and any changes of use (250 words).

The proposal is the construction of an energy conservation park with solar panels, battery storage and associated infrastructure

2. Developer details

2.1 Applicant name

2.2 Company name

Lightrock Power

2.3 Address

2.4 Email address

2.5 Telephone number

2.6 Declaration

By signing this declaration, you confirm that the information you give is complete and correct. Any opinions are your genuine opinions.

2.7 Signature

2.8 Date

3. Responsible person details

Tell us about who is responsible for completing the biodiversity gain plan. For example, a consultancy ecologist or planning agent.

3.1 Name

Ben Wagstaffe

3.2 Company name

Lanpro

3.3 Address

120 Moorgate,
Barbican, London EC2M 6UR

3.4 Email address

ben.wagstaffe@lanproservices.co.uk

3.5 Telephone number

07741 404711

3.6 Declaration

By signing this declaration, you confirm that the information you give is complete and correct. Any opinions are your genuine opinions.

3.7 Signature

3.8 Date

04/07/2025

4. Biodiversity net gain strategy

4.1 Is the relevant date for the pre-development biodiversity value the same date as the planning application?

☒ Yes

☐ No

4.2 If no, what earlier date did you agree with the LPA?

4.3 How have you met the guidance on 'what counts towards your BNG'?

[Find out what you can count towards a development's BNG](#)

The proposed development is not subject to any other schemes which have restrictions on which parts can count towards BNG. All enhancements on-Site are proposed with the aim of satisfying BNG, no other habitat enhancement or creation rules apply.

4.4 How will you avoid or minimise impacts to habitats?

Tell us about the steps you've taken on site, including to avoid or minimise the impact on irreplaceable habitats.

The Site lies adjacent to and surrounds Coldash and Rydal's wood LWS. The two areas of irreplaceable ancient woodland are being retained. Specific mitigation for the areas of ancient woodland is outlined in the Ecological Impact Assessment, such as a minimum 15m buffer between works and the ancient woodland.

The loss of habitat has been minimised to only include areas essential for the construction of the proposed solar scheme - only 11.51ha out of the 'lost' 171.83ha will be replaced with developed land or artificial unvegetated; unsealed surface.

A small proportion of the 'lost' habitat is 'medium' distinctiveness - 4.94ha other neutral grassland, 0.09ha mixed scrub, and 0.01ha other woodland; broadleaved. The majority of the 'lost' grassland is replaced with the creation of other 'medium' distinctiveness habitats, such as other woodland; broadleaved or mixed scrub. The entirety of the 'lost' mixed scrub is replaced with other woodland; broadleaved, that will connect to existing woodland. The small area of woodland (77m²) will be lost for the creation of an access route. However, only small shrubs will be removed, and all trees will be retained.

All other 'lost' habitats are of 'very low' or 'low' distinctiveness and the majority will be replaced with a range of 'medium' and 'low' (modified grassland under the proposed panels) distinctiveness habitats.

Additionally, all linear watercourse and hedgerow habitats are being retained.

4.5 Did you use your local nature recovery strategy to inform the strategic significance of habitats?

This includes other specified strategies if you do not have a local nature recovery strategy.

☒ Yes

☐ No

4.6 How will you achieve the target net gain percentage?

☒ On-site

☐ Off-site

☐ Both

4.7 Are any of your on-site enhancements considered 'significant'?

[Find out what counts as a significant on-site enhancement.](#)

☒ Yes

☐ No

4.8 If yes, tell us about the significant on-site enhancements

Include the appropriate planning condition or how you've secured the habitat.

Other neutral grassland, other woodland; broadleaved, ponds (non-priority habitat), mixed scrub, and species-rich native hedgerow with trees.

4.9 How many off-site biodiversity units do you need to meet 10% net gain?

N/A

4.10 Explain why you're using off-site biodiversity units

Only answer this question if you're planning to use off-site biodiversity units (250 words).

N/A

4.11 Explain why you're planning to use statutory biodiversity credits

Only answer this question if you're planning to use statutory biodiversity credits (250 words).

N/A

4.12 Do you have a habitat management and monitoring plan?

- ☐ Yes
☒ No

4.13 Have you used the statutory biodiversity metric tool?

- ☒ Yes
☐ No

4.14 Biodiversity metric calculation

Send your biodiversity metric calculation to the LPA and enter the file name.

5686_BNG Metric_V2-0_040725_BW

4.15 Condition assessments

Send your condition assessments to the LPA and enter the file name.

Westfield Hedgerow Condition Assessments & Westfield
Condition Assessments

4.16 Pre-development habitat survey report and map

Send your baseline habitat survey report and map to the LPA. Enter the file name.

5686_Baseline Habitat Map_V1_BW_040725

4.17 Post-development habitat map or landscape plan

Send your post-development habitat survey report and map to the LPA. Enter the file name.

5686_Post-development Habitat Map_V1_BW_040725

4.18 Have you included an approved habitat degradation in the baseline?

If yes, include the relevant consenting body and reference number.

- ☐ Yes
☒ No

Consenting body

Reference number

5. Irreplaceable habitats

5.1 Does the development impact any irreplaceable habitats?

If yes, tell us if you've submitted an approved compensation plan.

- ☐ Yes
☒ No

5.2 Have you submitted an approved compensation plan?

☐ Yes

☐ No

6. On-site habitat enhancements

Answer this section if your development includes on-site habitat enhancements.

6.1 Survey date

For example, 3/11/2023

18/12/2024, 20/12/2024,
20/05/2025, 21/05/2025, &
28/05/2025

6.2 Survey constraints

For example, access issues, weather, or seasonal constraints.

6.3 Total pre-development biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

422.32

Number of hedgerow biodiversity units

73.53

Number of watercourse biodiversity units

6.15

6.4 Total post-development biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

731.90

Number of hedgerow biodiversity units

85.71

Number of watercourse biodiversity units

7.52

6.5 Total net change in biodiversity units

Enter the number from the headline results in your statutory biodiversity metric calculation.

Area habitat biodiversity units

309.58

Area habitat biodiversity units % change

73.30%

Hedgerow biodiversity units

12.18

Hedgerow biodiversity units % change

16.57%

Watercourse biodiversity units

1.37

Watercourse biodiversity units % change

22.34%

6.6 Will you register and allocate any biodiversity units from your site to other developments?

If yes or provisionally, give details.

☐ Yes

☒ No

6.7 Give details

Tell us about the amount of biodiversity units and the development location (250 words).

N/A

7. Off-site habitat enhancements

Answer this section if your development includes off-site habitat enhancements.

7.1 Tell us about the off-site habitat enhancements

Include whether you're delivering the off-site enhancements or buying biodiversity units.

N/A

7.2 Biodiversity gain site register reference number

N/A

7.3 How have you secured the off-site habitat enhancements?

Tell us about any responsible bodies and whether you've used an S106 or conservation covenant.

N/A

7.4 Total baseline biodiversity value

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

N/A

Number of hedgerow biodiversity units

N/A

Number of watercourse biodiversity units

N/A

7.5 Total biodiversity value post-intervention

Enter the number from the headline results in your statutory biodiversity metric calculation.

Number of area habitat biodiversity units

N/A

Number of hedgerow biodiversity units

N/A

Number of watercourse biodiversity units

N/A

7.6 Total net change in biodiversity units

Enter the number from the headline results in your statutory biodiversity metric calculation.

Area habitat biodiversity units

N/A

Area habitat biodiversity units % change

N/A

Hedgerow biodiversity units

N/A

Hedgerow biodiversity units % change

N/A

Watercourse biodiversity units

N/A

Watercourse biodiversity units % change

N/A

8. Statutory biodiversity credits

Answer this section if you need to use statutory biodiversity credits.

8.1 Do you need to use statutory biodiversity credits?

☐ Yes

☒ No

8.2 How many statutory biodiversity credits do you need?

Tell us the unit shortfall by tier, including the spatial risk multiplier. Enter the number from the headline results in your statutory biodiversity metric calculation.

A1

A2

A3

A4

A5

H

W

8.3 What evidence is there that no units are available through the market?

Send a message from at least 3 habitat providers, or a search result from online registers.

8.4 Proof of purchase

Send proof of purchase and enter the reference number.

9. Trading summary

9.1 Distinctiveness group

Tell us if you met the BNG trading rules on habitat compensation for each distinctiveness group. If you did not meet the trading rules, tell us if you agreed bespoke habitat compensation.

Check the rules on habitat compensation in the [statutory biodiversity metric user guide](#).

Very high

Yes

High

Yes

Medium

Yes

Low

Yes

10. Sharing data (optional)

10.1 Can we share your ecological survey data with the Local Environmental Records Centre or other bodies?

☒ Yes

☐ No