

# PEATLAND CODE

## PROJECT DESIGN DOCUMENT (PDD) *Compilation of Evidence for Validation*

Version 2.1, 2024

|  |  |
|--|--|
| <b>Project Name:</b>                                       |  |
| <b>Registry ID:</b>  |  |
| <b>Location:</b>   |  |
| <b>Grid Reference:</b>                                     |  |
| <b>Gross Area (ha):</b>                                    |  |
| <b>Net Area (ha):</b>                                      |  |
| <b>Project Developer:</b>                                  |  |
| <b>Name of submitting organisation<br/>(if different):</b> |  |
| <b>PDD Completed by:</b>                                   |  |
| <b>Completed and submitted to<br/>validation body on:</b>  |  |
| <b>Email contact:</b>                                      |  |
| <b>Is the project part of a cluster?</b>                   |  |

All statements made in this document are correct to the best of my knowledge at the time of completion. *Please tick as applicable*

**I agree**

**I disagree**

**Please note:**

1. When completing each section of this document please refer to the requirements set out in the relevant section of the **Peatland Code**. This is an editable PDF please save it first before editing it in the browser.
2. Your Project Design Document (PDD) shall be made available on the publicly available [UK Land Carbon Registry](#) upon achievement of validation.
3. Additional evidence to support the statements made within this document shall be required by the validation/verification body.

**For Projects: Version Control of completed PDDs:**

| Version No | Date | Amendment | Author |
|------------|------|-----------|--------|
|            |      |           |        |
|            |      |           |        |
|            |      |           |        |

Examples of previously accepted PDD's can be found on the [UK Land Carbon registry](#) under each validated project.

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## 1. Eligibility and Governance

### 1.1 Eligible Activities

1. Please provide a short summary of the project including as a minimum reference to peatland type, peatland condition and restoration and management activities which shall be implemented.

2. Projects **shall** comply with UK Laws and Regulations and any additional bylaws applicable to the project location. Please provide a short summary detailing how your project will ensure health and safety on site, protect employment rights, promote gender equality, and ensure safeguarding. See Peatland Code Guidance document.

3. Are at least 75% of peat depth points over **30cm** for bogs, or **45cm** for fens, within the assessment units area? **Tick as applicable, if yes, go straight to question 5.**

**Yes**

**No**

4. For fens with baseline condition category "**Cropland - drained**" and "**Grassland**" that used to be cropland in the past 20 years with less than 75% of peat depths greater than or equal to 45 cm. Is at least 75% of the Soil Organic Carbon (SOC) stock values within all Assessment Units greater than 30 times the Emission Factor for CO<sub>2</sub>-C emissions for the relevant baseline category?

**Yes**

**No**

5. Please provide details of any current land management agreements, including any statutory designations, in existence within the project area.

6. Please state any identified conflicts between planned restoration and management activities and existing land management agreements and how these shall be mitigated.

## 1.2 Project Duration

1. Please state the project duration (years).

2. If the project duration exceeds 30 years, please state the percentage of points within all assessment units that exceed the minimum peat depth or SOC stock needed for the project duration (see Peatland Code section 1.2 and Field Protocol).

## 1.3 Eligible Land

1. Please state the owner(s) and if applicable, the tenant(s), of the land within the project area.

2. Please state the land registry number, if known.

3. Has any new activity to drain and/or remove vegetation taken place on the peatland within the project area since November 2015? *Tick as applicable*

**Yes**

**No**

4. Has the project area ever been registered with another standard? *Tick as applicable, If yes, please provide further details*

**Yes**

**No**

If **yes**, please provide information on the standard, when the project was registered and for what activity and credit type?

#### **1.4 Consultation**

a. Please describe all consultation methods used during your consultation period.





|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

d. Is your project located near any community representative organisations? *Please tick as applicable. If yes, please provide further details in question e*

Yes

No

e. If yes, please state how the project engaged with these community representative?

f. Did the project consultation identify any marginalised groups? These are defined as those with significant interests in the project and/or likely to benefit or be harmed by the project, who may be excluded from engagement due to various forms of systemic disadvantage. *Please tick as applicable, If yes, please answer question g below*

Yes

No

g. If yes, please state how processes were adapted to ensure they could meaningfully engage?

h. Did any objections/concerns from the consultation period result in changes to project design? *Please tick as applicable. If yes, please answer question g*

Yes

No

i. If yes, please state what was changed

j. Please confirm that details of objections and resolutions shall be anonymised in line with the Data Protection Act 2018 and included as an appendix to the Project Design Document. *Tick as applicable. Please state N/A if no objections raised*

**Yes**

**N/A**

## 2) Historic Preservation

a. Have any of the heritage assets outlined in the Peatland Code Guidance document been identified? *Tick as applicable*

**Yes**

**No**

b. If **yes**, what mitigation measures have been taken to protect and where possible enhance access to these assets?

c. Please provide evidence that local and national historic environment specialist have been consulted. This shall include company contact details, communications i.e. letters, emails or assessment reports and recommendations.

## 1.5 Additionality

1. Is there a legal requirement specifying that peatland within the project area must be restored? *Tick as applicable*

**Yes**

**No**

2. Please state the proportion of the project restoration and management costs that public funding and other non-carbon income will be required to fund. This figure cannot be higher than 85%

3. Please state the proportion of the project restoration and management costs that is public funded (this is to inform the public funders of their contribution).

## 1.6 Avoidance of Double Counting

1. Please state all parties with a legal right to make statements about the emissions reduction benefits of the project (the 'owner(s)') and the amount/proportion of units (tCO<sub>2e</sub>) for which they have a right.

| <b>Owner</b> | <b>Contact email</b> | <b>Units<br/>(tCO<sub>2e</sub> or %)</b> |
|--------------|----------------------|--|
|              |                      |  |
|              |                      |  |
|              |                      |  |
|              |                      |  |
|              |                      |  |

## 1.7 GHG Statements

1.If applicable, please state where any statements about the predicted emissions reduction benefits of the project have been made to date.

|   |   |
|---|---|
| <b>Signage onsite</b>                       | <b>Tick as applicable</b><br><br><b>Yes</b> <b>No</b> |
| <b>Websites</b>                             | <b>Tick as applicable</b><br><br><b>Yes</b> <b>No</b> |
| <b>Publicity leaflets etc.</b>              | <b>Tick as applicable</b><br><br><b>Yes</b> <b>No</b> |
| <b>Other media (<i>provide details</i>)</b> | <b>Tick as applicable</b><br><br><b>Yes</b> <b>No</b> |

2.Please state how buyers were/will be informed of Peatland Code requirements regarding GHG statements.

## 2. Project Design

### 2.1 Management Plan

1. Does the project have a completed Restoration Management Plan (using the Peatland Code template document) for the duration of the project? *Tick as applicable*

**Yes**

**No**

2. Please provide a short overview of the project objectives and activities to be implemented.

3. Please detail the likely positive and wider benefits of your project on the surrounding environment.

4. Were legal compliance and best practice guidance considered in the preparation of the restoration management plan? *Tick as applicable*

**Yes**

**No**

### 2.2 Monitoring Plan

1. Does the project have a completed Monitoring Plan (using the Peatland Code template document) for the duration of the project?

**Yes**

**No**

1. Please confirm that a Risk Assessment v2.1 has been undertaken and the risk rating is below 13? See Peatland Code Guidance document for more information. *Tick as applicable*

**MYg**

**Nö**

2. Specify the total risk rating all identified risks, regardless of whether the score is below 13.

3. Outline the mitigation measures implemented to minimise the risks identified, this includes any environmental impacts that could affect the No-net Harm principle.

4. Please state how the identified risks will be monitored, and how this information will be recorded?

## 2.4 Landowner and Project Developer Commitment

1. Does the project have a signed Landowner and Project Developer Commitment Statement (using the Peatland Code template document)? *Tick as applicable*

Yes

No

## 2.5 Sustainable Development Goals

1. Projects shall complete the last column of [Table 1: Projects contribution to SDG goals over the project lifetime](#) to show quantifiable contributions to specific targets and indicators of the Sustainable Development Goals (SDGs). Where possible the the official [Sustainable Development targets and Indicators](#) have been used to show Peatland Code projects progress against the SDG targets. Where SDG indicators are not appropriate, Peatland Code specific indicators are used.

**Table 1. Projects contribution to SDG goals over the project lifetime**

| SDG Goal  | SDG Target | SDG Target description  | SDG Indicator /PC indicator   | PC Project impact on SDG indicators          | Projects contribution to SDG goals over the project lifetime |
|---|------------|---|---|--|--|
| <b>Goal 6.</b> Ensure availability and sustainable management of water and sanitation for all                                       | 6.6        | By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes | 6.6.1 Change in the extent of water-related ecosystems over time                      | Implemented PC activities to increase 6.6.1  |  |
| <b>Goal 8.</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all | 8.6        | By 2020, substantially reduce the proportion of youth not in employment, education or training                            | 8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training | Implemented PC activities to decrease 8.6.1  |  |
| <b>Goal 13.</b> Take urgent action to combat climate change and its impacts   | 13.2       | Integrate climate change measures into national policies, strategies and planning   | 13.2.2 Total greenhouse gas emissions per year  | Implemented PC activities to decrease 13.2.2 |  |
| <b>Goal 15.</b> Protect, restore and promote sustainable use of terrestrial ecosystems,   | 15.1       | 15.1 By 2020, ensure the conservation, restoration and  | PC Indicator: Total area peatland   | Implemented PC activities to increase 15.1   |  |

|  |      |  |   |  |  |
|--|------|--|---|--|--|
| sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss |      | sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements | (ha) being restored   |  |  |
|  | 15.3 | By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world              | 15.3.1 Proportion of land that is degraded over total land area       | 80% of UK peatlands are in a damaged or degraded state. Implemented PC activities to decrease 15.3.1 |  |
|  | 15.5 | Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species               | PC Indicator: Total peatland area (ha) being restored by your project | Implemented PC activities to increase 15.5   |  |

### 3. GHG emission reduction

#### 3.1 Establishment of Baseline Emissions

1. Please insert a screenshot of your completed Table 2 from the Peatland Code Emissions Calculator for bogs or the assessment unit table for Fens (project summary tab) or paste the table in the appendix.

#### 3.2 GHG Leakage

a. Please state the current land use or management of the project area and describe how it will be affected by the project.

b. Will the project lead to change of land use or management elsewhere (e.g. peatland degradation or intensification of land use in another area)?

**Yes**

**No**

Please explain your answer:

c) If Yes, describe the change in land use or management elsewhere.

d) *If Yes*, Is the change in land use or management significant (i.e. will GHG emissions  $\geq$  5% of project emissions reductions over the duration)? *Tick as applicable*

**Yes**

**No**

e) If significant, please state the emissions (tCO<sub>2</sub>e) of the displaced activity for the duration of the project. (If no leakage or not significant, leakage =0).

f) If leakage from any project will occur, please describe how leakage will be monitored throughout the duration of that project.

g) You shall provide the following additional evidence to confirm leakage assumptions or calculations:

|   |  |
|---|--|
| If leakage<br>significant, select<br>both boxes | Evidence provided/document reference<br>for each project |
|---|--|

Map of site and surrounding area with leakage risks highlighted

More detailed leakage calculations and inclusion in PC emissions calculator

Specify what

Evidence provided/document reference for each project

Other Evidence

### 3.3 Water Table Monitoring Fens

1. Please state the monitoring design chosen, including type of monitoring equipment, number and frequency of readings.

2. Please confirm that your monitoring design has been reviewed by an independent expert?

3. Please state how the chosen expert meets the Peatland Code competency requirements?

4. Have any changes been made to your monitoring design following the review with the independent expert?

**Yes**

**No**

If yes, please state what has changed

### 3.4 Net Project GHG emission reduction

1) Please insert a screenshot of your completed vintage table from the Peatland Code Emissions Calculator. For bogs, insert Table 6, for Fens insert the Vintage Table from the 'Project Summary' tab. If unable to add a screenshot see question 2 in this section.

2. Please paste your completed vintage table from the Peatland Code Emissions Calculator. For bogs, paste Table 6, for Fens paste the Vintage Table from the 'Project Summary' tab.

3.If necessary please explain your calculations below:

## Appendix

1) If applicable - please insert any objections from any of the Stakeholder consultations

2. If unable to add a screenshot please paste table 2 from the Peatland Code Emissions Calculator for bogs or the assessment unit table for Fens (project summary tab).