

**Project Design Document (PDD):**

|  |
| --- |
| **[insert project name]** |

**Template for Icelandic carbon projects (or groups of projects)**
**seeking validation to The Forest Carbon Code - Skógarkolefni**

**Version 2.0**

**December 2024**

|  |  |
| --- | --- |
| **PDD Completed By:** |  |
| Project or Group Manager | [insert name of project/group manager] |
| Name of submitting organisation | [insert organisation name] |
| PDD assistance by: | [insert author’s name] |
| Completed & submitted to validation body on: | [insert dd/mm/yyyy] |
| Email contact:  | [insert email address] |
| Carbon Registry project ID | [insert ID] |
| **If a group, provide group details:** |  |
| Group Name: | [insert name] |
| Carbon Registry group number ID | [insert ID] |

For the project or each project in the group please give the ID, location, grid reference and size:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project Name** **& Year** | **ICR ID**  | **Name of farm**  | **Land ID** | **Municipality** | **Gross Area (ha)** | **Net Area (ha)** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total area:** |  |  |

Note:

1. This document refers to sections in the Forest Carbon Code [online standard and guidance](https://www.skogarkolefni.is/en/standard-guidance). Boxes for text can be expanded if not large enough.
2. The PDD document relies on information provided by the Management Plan, including information collected during and after the establishment phase, specifying the actual planted area, seedling numbers and tree species composition and the site indices.
3. The carbon capture predictions obtained in a Final Forecast document and included in the PDD should also be based on the  [Forest Carbon Calculator](https://reiknivel.skogur.is/) on the Land and Forest Iceland website. For further information please contact skogarkolefni@skogur.is.
4. This PDD can be used for a single project or a group of projects.
* If a single project, just use the first row of each table for your project.
* If a group, some questions or statements in this document need to be answered for each project in the group as indicated. Additional rows can be added to tables as necessary if more than 5 projects are in a group. Some questions or statements can be answered for the group where indicated.
1. The Project Design Document, map(s) of the site(s) and FCC Carbon calculation table(s) will be made available in the [International Carbon Registry](https://www.carbonregistry.com/) once you are validated.
2. At the end of each section, a table allows you to indicate which Additional Evidence you will make available to the validation body. Please provide the name of the document/other reference for the document you intend to submit.
3. The Project/Group Manager should keep a copy of the PDD, carbon calculator, map and all additional evidence for the duration of the project.

*For info: Updates to PDD template: Summary – Completed by Land and Forest Iceland*

|  |  |  |  |
| --- | --- | --- | --- |
| **Version No** | **Date** | **Amendment** | **Author** |
| 1.0 | Nóvember 2023 | English format for FCC | ÚÓ |
| 2.0 | December 2024 | Updated English format for FCC | GG/ÚÓ |
|  |  |  |  |

Contents

[1. Eligibility 6](#_Toc150324428)

[2. Project governance 9](#_Toc2139158090)

[3. Carbon sequestration 16](#_Toc1130034729)

[4. Environmental quality 19](#_Toc864368878)

[5. Social responsibilityonline guidance 21](#_Toc1999873209)

Disclaimer

The Project Design Document provides a detailed description of the project in advance of project validation. The PDD relies on information from different sources, primarily from the project Management Plan, submitted records of plant purchases and planting, the carbon Final Forecast document and additional information provided by the project owner and project manager.

**Risks**

The PDD relies on a risk assessment analysis, based on field observations, analysis of geographic information, experience, and data from nearby areas as reported in the Management Plan. Nonetheless, unexpected hazards could arise for the project duration, and the forest could respond differently than expected to various previously predicted circumstances. Adverse scenarios would increase costs and reduce income.

**Cost and income**

Although the author(s) of the PDD rely on renewed analysis of project finances, it is known that unexpected additional costs can affect the project outcome. This also applies to the estimated forest value additions, the estimated carbon income, environmental topics, and social benefits.

**Verifications**

This PDD remains as a project reference document at validation. All information required prior to the following verifications will appear on every occasion in a Project Progress Report and a Monitoring Report.

**Compliance with the law**

It is necessary that all parties involved in the project comply with the law and work according to the licenses granted. This includes, but is not limited to, environmental laws and regulations, land use policies, and labour laws, including contractor chain of custody provisions.

**Limitation of liability**

The author(s) of this PDD disclaim all responsibility for losses or negative impacts brought about by the information presented in this document. Users are encouraged to seek explanations and request further information if anything is unclear and if errors are found.

**Continuous improvement**

Environmental project management is a continuous process that requires monitoring, evaluation, and improvement. Stakeholders are encouraged to actively participate in discussions, share information on best practices, and work with relevant stakeholders to improve the project according to its goals.

**Mutual trust and acceptance**

By accepting this PDD and using its information, stakeholders recognize and accept the limitations, uncertainties and responsibilities associated with this project.

Project Description

Please provide a summary of your project(s) and for groups, a summary description at the group level. Include aims & objectives, location, type of forest & management. This description will be displayed in the public in the [International Carbon Registry](https://www.carbonregistry.com/).

Keep the following in mind when making a description:

* **Strategy and goals**
* **Type of area**
* **Site preparation**
* **Economic benefits**
* **Social benefits**
* **Environmental benefits**

|  |  |
| --- | --- |
| **Project Name** | **Description** |
|  |  |

**All statements made in this document are correct to the best of my knowledge (Project Manager).**

|  |  |
| --- | --- |
|  | I agree |
|  | I disagree |

# 1. Eligibility

## 1.1 Key project dates [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/key-project-dates)

1.1.1 Please indicate for your project(s) the implementation date (date work begins onsite), the project start date (the date planting was or will be finished), and the project duration. For groups, add a group start date.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Name** | **Project Implementation Date****(Date work begins onsite)** | **Other planting year(s)** | **Project Start Date****(Date planting finished)** | **Project Duration****(up to 50 years)** |
|  |  |  |  |  |
| **Group Start date (if > 1 project, latest planting date of group dd-mm-yyyy):**  |  |  |

*You shall provide the following additional evidence for each project to confirm start date:*

|  |  |  |
| --- | --- | --- |
| **To confirm key dates** | **Select at least one (X)** | **Evidence provided** |
| **Project finances** |  |  |
| **Seedling delivery documentation** |  |  |
| **Audit documentation** |  |  |
| **Other evidence** |  |  |

## 1.2 Eligible activities [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/eligible-activities)

1.2.1 To the best of my knowledge the land to be planted in these project(s) has not been forested in the last 25 years.

|  |  |
| --- | --- |
|  | I agree |
|  | I disagree |

*Please provide the following evidence for each project to show the land has not been forested for 25 years:*

|  |  |  |
| --- | --- | --- |
| **Documents** | **Select at least one (X)** | **Evidence provided** |
| **Land use records** |  |  |
| **Historical Maps** |  |  |
| **Aerial images older than 25 years** |  |  |
| **New aerial images** |  |  |
| **LOGS planting and felling database** |  |  |
| **Signed attestation from independent expert** |  |  |

1.2.2 All the project(s) are planted on mineral soils and/or drained mires. If drained mires are used, these were initially drained more than 25 years ago.

|  |  |
| --- | --- |
|  | I agree |
|  | I disagree |

*Please provide the following evidence for each project to show the soil type and, where appropriate, the distribution of drained and intact wetland soils:*

|  |  |  |
| --- | --- | --- |
| **Documents** | **Select at least one (X)** | **Evidence provided** |
| **Soil (type) survey** |  |  |
| **Intact wetland survey** |  |  |
| **Drained wetland survey** |  |  |
| **Vegetation survey** |  |  |
| **Aerial images older than 25 yrs. ­** |  |  |
| **Soil maps** |  |  |
| **Other evidence** |  |  |

## 1.3 Eligible land [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/eligible-land)

1.3.1 Does the property have any encumbrances?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

1.3.2 If **yes**, specify:

|  |  |  |
| --- | --- | --- |
| **Attachment no** | **Land Registry ID Number** | **Encumbrances** |
|  |  |  |

1.3.3 Please identify the landowner, tenant and any agent of each project by com**­**pleting a separate *‘Landowner, Tenant and Agent Contact Details’ sheet(s).* **Finish and attach as document 1.3.3**

*In addition to the Contact Details sheets, you shall provide the following additional evidence for each project to confirm the owner and, if the land is leased, the owner’s consent:*

|  |  |  |
| --- | --- | --- |
| **To confirm owner:** | **Select at least one (X)** | **Evidence provided**  |
| Solicitor’s letter |  |  |
| Title deeds |  |  |
| Land registry records |  |  |
| **To confirm owner’s consent if leased:** | **Select if leased (X)** | **Evidence provided** |
| Certified copy of lease |  |  |

## 1.4 Compliance with the law [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/compliance-with-the-law)

1.4.1 As far as you are aware, does your project(s) comply with all existing forestry legislation in Iceland at the time of completing this document?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

1.4.2 As far as you are aware, are there any current, past (within the last 5 years) or pending prosecutions relating to the project(s)?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

1.4.3 As far as you are aware, are there any injunctions or notices relating to the project(s) issued by Icelandic ministries and agencies, or issued under the Municipality and National Planning Regulations?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

1.4.4 What systems or procedures are in place for the landowner/manager of each project to be aware of and ensure compliance with existing and new legislation?

|  |
| --- |
| *Type your answer here:* |

## 1.5 Conformance to forest authorities' regulations [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/conformance-with-icelandic-forestry-policy)

1.5.1 As far as you are aware, is your project(s) designed and managed in accordance with Icelandic Forestry goals and regulations?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

## 1.6 Additionality [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/eligibility/additionality)

You must pass the Legal and Investment Requirements.

**1.6.1 Legal Requirements**

1.6.1.1 Is there a legal requirement for the afforestation project(s)?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

1.6.1.2 Does any project compensate for forest lost elsewhere?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

**1.6.2 Investment Requirements**

1.6.2.1 Please clarify with data how carbon finance changes the Net Present Value (NPV) of each project over the duration of each project.

|  |
| --- |
| *Insert your data here:* |

1.6.2.2 Statement on financial additionality. Please state in a sentence or two why you believe your project(s) would not have occurred without existing or future income from the sale of carbon units (if selling) or the ability to generate and use carbon units (if not selling).

|  |
| --- |
| *Type your answer here:* |

#

# 2. Project governance

## 2.1 Commitment of landowners/managers [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance/commitment)

2.1.1 Is there a contract with or statement from the landowner(s), or where land is tenanted, both the landowner and tenant, which confirms their commitment to:

* Conform to this standard
* Permanent land-use change
* Manage land as per the current Management Plan for the establishment period and as per longer-term management intentions for the project duration and beyond ([2.3](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence))
* Comply with the law ([1.4](https://www.skogarkolefni.is/en/standard-guidance/eligibility/compliance-with-the-law)) and conform with the Icelandic Forestry goals and regulations ([1.5](https://www.skogarkolefni.is/en/standard-guidance/eligibility/conformance-with-icelandic-forestry-policy))
* Restock where projects involve harvesting ([2.3](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence))
* Replant or undertake compensatory planting should forest be lost to wind, fire, pests, disease or development ([2.3](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence))
* Inform future landowner(s), and where tenanted, future tenant(s), of the commitment to the Forestry Carbon Code and any carbon contracts ([2.3](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence))
* Monitor and maintain verification for the project duration as per FCC guidance (unless the 3rd-party project developer agrees to take this on ([2.5](https://www.skogarkolefni.is/en/standard-guidance/project-governance/monitoring)))
* Notify the FCC Secretariat immediately (skogarkolefni@skogarkolefni.is) and submit a Loss Report within six months of discovery if there is a loss of forest carbon ([2.3](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence))
* Ensure the project, any PIU listings, sales to carbon buyers, and retirement for use of verified Forestry Carbon Units are accurately represented and up to date in the International Carbon Registry (either in their own account or via the project/group manager’s account ([2.6](https://www.skogarkolefni.is/en/standard-guidance/project-governance/double-counting)))
* Make true and accurate carbon statements about the project which conform with guidance ([2.7](https://www.skogarkolefni.is/en/standard-guidance/project-governance/carbon-statements-and-reporting))
* Abide by the FCC logo rules of use ([see website](https://www.skogarkolefni.is/is/fyrirtaekid/reglur-um-notkun-a-merki-skogarkolefnis))

|  |  |
| --- | --- |
|  | Yes |
|  | No |

You shall provide the following additional evidence to confirm the commitment of each landowner and tenant:

|  |  |  |  |
| --- | --- | --- | --- |
| **Landowner and Tenant Commitment** | **Select at least one (X)** | **Att. no** | **Evidence provided** |
| **Contract with landowner contains terms set out above** |  |  |  |
| **Signed statement from landowner contains terms set out above** |  |  |  |
| **Signed statement from tenant contains terms set out above** |  |  |  |

2.1.2 Do you, as the project developer/group manager commit to (signed statement):

* Conform to this standard
* Comply with the law ([1.4](https://www.skogarkolefni.is/en/standard-guidance/eligibility/compliance-with-the-law)) and conform with the Icelandic Forestry goals and regulations ([1.5](https://www.skogarkolefni.is/en/standard-guidance/eligibility/conformance-with-icelandic-forestry-policy))
* Monitor and maintain verification for the project duration as per FCC guidance (unless the landowner has agreed to take this on ([2.5](https://www.skogarkolefni.is/en/standard-guidance/project-governance/monitoring)))
* Ensure the project, any PIU listings, sales to carbon buyers, retirement for use of verified Forest Carbon Units is accurately represented and up to date in the International Carbon Registry ([2.6](https://www.skogarkolefni.is/en/standard-guidance/project-governance/double-counting))
* Make true and accurate carbon statements about the project which comply with guidance ([2.7](https://www.skogarkolefni.is/en/standard-guidance/project-governance/carbon-statements-and-reporting))
* Make carbon buyers aware of the FCC guidance on carbon claims and include in contracts with buyers ([2.7](https://www.skogarkolefni.is/en/standard-guidance/project-governance/carbon-statements-and-reporting))
* Abide by the FCC logo rules of use and make carbon buyers and landowners aware of the FCC logo rules of use ([see website](https://www.skogarkolefni.is/en/about-1/skogarkolefni-logo-rules))

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.1.3 If a group, do you have a signed Group Agreement which meets the requirements as specified in the FCC guidance?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

If a group, please confirm the group structure.

|  |
| --- |
| *Type your answer here:* |

*If a group, you shall provide the following additional evidence to confirm the structure and processes of the group:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Group Agreement** | **Select (X)** | **Att. no** | **Evidence provided** |
| Group Agreement which meets the requirements as set out in FCC group scheme guidance |  |  |  |
|  | **Specify what** |  | **Evidence provided** |
| Other evidence |  |  |  |

*NOTE: The Group Agreement could also contain the landowner/project developer terms set out above.*

## 2.2 Management plan [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance)

2.2.1 Is there an existing afforestation contract for your project(s)?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Afforestation project name** | **Afforestation contract ID** |
|  |  |  |

2.2.2 Does your project(s) have a management plan for the afforestation establishment phase?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.2.3 Please state:

1. where the intended management over the establishment period (up to 10 years) is detailed and;
2. the longer-term management intentions of each project (including the forest management regime to be applied – e.g. no intervention, thinning only, regular clearcut (with rotation length), CCF (and type)) for the duration of each project and beyond.

Note the longer-term management intentions noted here should match the management options selected in your carbon calculation:

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Where are management intentions over establishment period set out?** | **Longer-term management intentions for the project duration and beyond**  |
|  |  |  |

You shall provide the following additional evidence for each project to confirm location and management plans during the establishment phase:

|  |  |  |  |
| --- | --- | --- | --- |
| **To confirm management during establishment phase** | **Select at least one (X)** | **Attachment no** | **Evidence provided/document reference for each project** |
| Management planning documentation |  |  |  |
| Afforestation grant contract |  |  |  |
| FCC Cashflow Spreadsheet  |  |  |  |
| **To confirm location/planting plan** | **Select (X)** |  |  |
| Planting map which meets [FCC mapping rules](https://www.skogarkolefni.is/en/standard-guidance/project-governance/afforestation-plan#management-plan-more-details) |  |  |  |
|  | **Specify what** |  |  |
| Other evidence |  |  |  |

Note: Your project(s) will be added to the FCC GIS layer using maps provided.

2.2.4 If your management plan of each project does NOT indicate who is involved, please state their technical skills and experience:

|  |  |
| --- | --- |
| **Project Name** | **Who’s involved, their technical skills and experience** |
|  |  |

Note: Please do not provide any personal data (addresses, phone numbers etc.), as this will be a public document.

*You shall provide the following additional evidence (if necessary) to confirm the capacity of the project team of each project to carry out the project:*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Select at least one (X)** | **Attachment no** | **Evidence provided** |
| Details of skills of key staff |  |  |  |
| Evidence of previous experience of implementing or managing similar projects |  |  |  |
|  | Specify what |  |  |
| Other evidence |  |  |  |

## 2.3 Management of risks and permanence [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance/risks-and-permanence)

1. Please identify all **potential risks** to the permanence of the project(s) for each of the risk categories. For a group, remember to highlight any risks for each project in the group if they differ in their level of risk.
2. For categories with M/M, M/H, H/M, H/H, L/H or H/L Likelihood/Impact of occurrence, describe how you will **mitigate** the risk.
3. State what **evidence** you have provided to support your assessment of each risk category.

**Risk Assessment and Mitigation Matrix**

| **Risk Category** | **Potential Risks** | **Likelihood (L/M/H)** | **Impact (L/M/H)** | **Mitigation Strategy** | **Evidence provided for each risk** |
| --- | --- | --- | --- | --- | --- |
|
|  **Legal/Social (including land ownership, project management and finance)** |  |  |  |  |  |
| **Natural Disturbance: Fire** |  |  |  |  |  |
| **Natural Disturbance: Wind** |  |  |  |  |  |
| **Natural Disturbance: Drought/Flood** |  |  |  |  |  |
| **Natural Disturbance: Pest & Disease** |  |  |  |  |  |
| **Species Suitability in current and future climate** |  |  |  |  |  |
| **Other** |  |  |  |  |  |

## 2.4 Consultation [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance/consultation)

2.4.1 Describe how local stakeholders were identified and consulted on the plan and design of each project.

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Who consulted?** | **Consultation process** |
|  |  |  |

2.4.2 Explain how any concerns or issues raised were responded to and describe any changes made to the project design as a result.

|  |  |
| --- | --- |
| **Project Name** | **Any issues raised and changes to project as a result** |
|  |  |

You shall provide the following additional evidence to confirm the level of consultation undertaken for each project and any changes made because of the consultation:

|  |  |  |
| --- | --- | --- |
| **To confirm level and outcome of consultation** | **Select at least one (X)** | **Evidence provided** |
| Planning permit which confirms the level and outcome of consultation |  |  |
| Environmental Influence Assessment / Environmental Statement which confirms level and outcome of consultation |  |  |
| Other evidence of consultation process and outcome. |  |  |

## 2.5 Monitoring [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance/monitoring)

The first monitoring and verification should be completed 5 years after the start date. Subsequent monitoring and verification should be completed as a **minimum** at year 15 and then every 10 years throughout the project duration. Monitoring should begin up to 12 months before the ‘due date’.

Projects using the standard project carbon calculator should use the ‘FCC Year 5 Survey Protocol’ at year 5, and then either undertake:

* Full monitoring using the ‘Year 15+ Survey Protocol’, and third-party verification, or
* Basic monitoring using the ‘Basic Monitoring Protocol’ to ‘Self-Assess’ their project.

Note, there are restrictions as to when Basic Monitoring and Self-Assessment are permitted, and for projects using this route, no Pending Issuance Units will be converted to Verified Carbon Units. See [monitoring guidance](https://www.skogarkolefni.is/en/standard-guidance/project-governance/monitoring) for further information.

2.5.1 Monitoring plan

|  |  |
| --- | --- |
| **Responsible Party** | **Enter person or organisation responsible** |
| Who is responsible for monitoring the project? |  |
| **Monitoring at Year 5** | **Completed before (enter end date of first ‘vintage’ – *See PIU table in 3.4*)** |
| FCC Year 5 Survey Protocol and Verification: | *dd-mm-yyyy* |
| **Monitoring at Year 10 (optional)** | **Choose method** | **When – Enter completion date against the method likely to be used at vintage ending year 15 (***See PIU table in 3.4***)** |
| FCC Year 5 Survey Protocol and Verification (if trees are slow growing): |  | *dd-mm-yyyy* |
| Year 15+ Full monitoring and verification |  | *dd-mm-yyyy* |
| **Monitoring at Year 15** | **Choose method** | **When – Enter completion date against the method likely to be used at vintage ending year 15 (***See PIU table in 3.4***)** |
| Year 15+ Full monitoring and Verification |  | *dd-mm-yyyy* |
| Year 15+ Basic monitoring and Self-Certification *(provided criteria are met)* |  | *dd-mm-yyyy* |
| **Frequency of monitoring after year 15, up to the project duration** | **Select likely frequency of monitoring thereafter** |
| 10-yearly at the end each vintage (minimum) |  |
| **Last monitoring and verification** | **Mandatory** | **When – Enter completion date as the end of the last vintage (***See PIU table in 3.4***)** |
| Year 15+ Full monitoring and Verification |  |  |

2.5.2 Is the project(s) certified or applying for certification to a forest quality standard?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.5.2.1 If **yes,** please state for each project whether certification is via The Forest Stewardship Council FSC or The Programme for the Endorsement of Forest Certification PEFC and give the relevant certificate number.

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Attachment no** | **FSC or PEFC?**  | **FSC or PEFC certificate number** |
|  |  |  |  |

## 2.6 Registry and avoidance of double counting [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/project-governance/double-counting)

2.6.1 Is your project(s) validated or approved by another carbon/environmental standard, has it applied to be validated, or does it plan to be?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.6.1.1 If **yes**, please state which:

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Name(s) of other carbon/environmental standards**  | **Relevant unique ID from other standards** |
|  |  |  |

2.6.2 Has the landowner/tenant accepted or are they planning to collect any charitable donations to support this project which infer the donor’s contribution will help the global climate, greenhouse gas balance or carbon balance?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.6.3 Has the landowner, tenant or project developer sold any carbon credits from other projects which are not validated/verified to a standard?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.6.4 Do you agree to abide by the Registry Rules of Use?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

## 2.7 Carbon statements and reporting [**online guidance**](https://www.woodlandcarboncode.org.uk/standard-and-guidance/2-project-governance/2-7-carbon-statements-and-reporting)

2.7.1 Will you ensure that all carbon buyers (existing and future) are aware/will be made aware of the FCC claims guidance?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.7.1.1 Do you ensure that statements or claims about the predicted carbon sequestration of the project(s) (by landowner, project developer or corporate buyer) comply with ÍST TS 92:2022 Carbon offsetting: Specification with guidance?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

2.7.1.2 If **yes,** please state where claims have been made, provide examples/photos/links for the validation body.

|  |  |  |  |
| --- | --- | --- | --- |
| **Media** | **Select (X)** | **Att. no** | **Evidence provided** |
| Signage onsite |  |  |  |
| Websites |  |  |  |
| Publicity leaflets etc. |  |  |  |
|  | **Specify what** |  | **Evidence provided** |
| Other media |  |  |  |

# 3. Carbon sequestration

## 3.1 Carbon baseline [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/carbon-baseline)

The carbon baseline is an estimate of how much the carbon stocks would change on the site over the project duration if the current land use continued and there was no intervention to create forest.

3.1.1 Please describe the soil type/group and vegetation present prior to afforestation, and how the carbon stock might change without the project.

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Soil type and group** | **Vegetation present** | **How might carbon stocks change** |
|  |  |  |  |

3.1.2 Over the project duration, would there be a significant increase in the carbon stored onsite if the current land use continued? (By significant, we mean ≥ 5% of the predicted carbon sequestration of the project)

|  |  |
| --- | --- |
|  | Yes |
|  | No |

3.1.2.1 If **yes**, the ‘baseline’ carbon sequestration needs to be included in your carbon calculation.

*You shall provide the following additional evidence to confirm soil type, vegetation present, and any baseline carbon calculations:*

|  |  |  |
| --- | --- | --- |
| **To confirm the soil type and vegetation onsite:** | **Select at least one (X)** | **Evidence provided** |
| Maps, photos, remotely sensed images to indicate previous land cover |  |  |
| Field survey for vegetation or soil type |  |  |
| Soil maps/surveys for soil type |  |  |
| Other Evidence (Specify): |  |  |
| **To confirm baseline carbon sequestration** |  |  |
| More detailed baseline calculations and inclusion in FCC Carbon Calculation |  |  |

## 3.2 Carbon leakage [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/carbon-leakage)

Carbon leakage is an estimate of any increases in greenhouse gas emissions outside the project boundary over the project duration, because of the project going ahead (for example if afforestation in location A resulted in either deforestation or significantly intensified agricultural use in location B).

3.2.1 Please state the current land use of each project and describe how it will be affected by the project (in the project area) and whether it results in any change or increase in intensity of land use (outside the project area).

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | ***Current Land use*** | ***Change to land use within project boundary?*** | ***Describe how land use on the wider holding will be affected?*** |
|  |  |  |  |

3.2.2 Will there be any significant increase in greenhouse gas emissions on the wider land holding because of afforestation in the project area? (By significant, we mean ≥ 5% of the predicted carbon sequestration of the project)

|  |  |
| --- | --- |
|  | Yes |
|  | No |

3.2.2.1 If **yes**, ‘leakage’ (increased greenhouse gas emission on the wider land holding) needs to be estimated and included in your carbon calculation.

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

|  |
| --- |
| *Type your answer here:* |

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

|  |  |  |
| --- | --- | --- |
|  | If leakage significant, select both boxes | Evidence provided |
| Map of site and surrounding area with leakage risks highlighted |  |  |
| More detailed leakage calculations and inclusion in FCC Carbon Calculation |  |  |
|  | Specify what | Evidence provided |
| Other evidence |  |  |

## 3.3 Project carbon sequestration [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/project-carbon-sequestration)

Copy results from the Forest Carbon Calculator to estimate the project’s net carbon sequestration based final numbers of seedlings and area (Final Forecast). This shall be uploaded to the registry and made publicly available alongside this PDD upon validation.

*If necessary, use this space to clarify any details of your calculation:*

|  |
| --- |
| *Type your answer here:* |

*You shall provide the following additional evidence for each project to confirm carbon sequestration assumptions and calculations.*

|  |  |  |
| --- | --- | --- |
|  | Select box  | Evidence provided |
| FCC Carbon Calculation Spreadsheet with a clear breakdown of the contribution of each project |  |  |
|  | Specify what | Evidence provided |
| Other evidence |  |  |

Note: You will be required to upload finalised FCC Carbon Calculations to the registry upon validation.

## 3.4 Net carbon sequestration [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/net-carbon-sequestration)

You are required to complete the FCC Carbon Calculation Spreadsheet provided, including adjusting for Baseline ([3.1](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/carbon-baseline)) and Leakage ([3.2](https://www.skogarkolefni.is/en/standard-guidance/carbon-sequestration/carbon-leakage)) to come to a net carbon sequestration figure.

Sequestration over time is divided into ‘vintages’ which equate to the monitoring periods set out in Section 2.5 above. Upon monitoring and verification at the end of each vintage, delivered Pending issuance Units will be converted to Forest Carbon Units. Remember if growth/sequestration is less than predicted, Pending Issuance Units will be cancelled.

3.4.1 Outline the predicted number of carbon units by vintage (and the proportion that can be sold/claimed by the project or set aside for the FCC buffer).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Verification: years since start date** | **Vintage Start Date** | **Vintage End Date** | **Total Units in vintage** **(tCO2e)** | **Units to Buffer (tCO2e)** | **Units to Project (tCO2e)** |
| 5 |  |  |  |  |  |
| (10) |  |  |  |  |  |
| 15 |  |  |  |  |  |
| 25 |  |  |  |  |  |
| 35 |  |  |  |  |  |
| 45 |  |  |  |  |  |
| 55 |  |  |  |  |  |
| 65 |  |  |  |  |  |
| 75 |  |  |  |  |  |
| 85 |  |  |  |  |  |
| 95 |  |  |  |  |  |
| 100 |  |  |  |  |  |
| **Totals** |  |  |  |  |  |

3.4.2 For projects where significant natural regeneration is planned, or where species are used for which, there is no applicable carbon model in the Forest Carbon Calculator, PIUs will NOT be issued at validation. Does this apply to your project?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

# **4. Environmental quality** [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/environmental-quality)

## **4.1 Environmental Impact Assessment (EIA)**

4.1.1 Please indicate for each project whether an Environmental Impact Assessment (EIA) was required.

|  |  |  |
| --- | --- | --- |
| **Project Name** | **EIA required?** | **Attachment no** |
|  |  |  |

4.1.2 For project(s) where no EIA is required, please state whether any site or neighbouring areas contain any areas protected by law or regulations.

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Designations On site** | **Designations Near Site** |
|  |  |  |

4.1.3 For each project where no EIA is required, please explain how any rare or endangered species or conservation areas have been considered.

|  |  |
| --- | --- |
| **Project Name** | **Consideration for rare/endangered species or conservation areas** |
|  |  |

## **4.2. Biodiversity**

4.2.1 Please highlight any biodiversity benefits of your project(s):

|  |  |
| --- | --- |
| **Project Name** | **Biodiversity Supporting Commentary** |
|  |  |

## **4.3 Landscape**

4.3.1 For each project where no EIA is required, please state whether any site or neighbouring areas contain any landscape conservation areas.

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Designations On site** | **Designations Near Site** |
|  |  |  |

4.3.2 For each project where no EIA is required, please explain how any designated land on or near the site has been considered.

|  |  |
| --- | --- |
| **Project Name** | **Consideration of designated land** |
|  |  |

## **4.4 Historic Landscape and Archaeology**

4.4.1 List the Archaeological / Historical site survey(s) available for the project site?

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Attachment no**  | **Survey name** |
|  |  |  |

4.4.2 For each project where no EIA is required, please state whether any site or neighbouring areas contain any areas of the following designations:

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Designations On site** | **Designations Near Site** |
|  |  |  |

4.4.3 For each project where no EIA is required, please explain how any historic landscape features have been considered.

|  |  |
| --- | --- |
| **Project Name** | **Consideration of historic landscape features** |
|  |  |

## **4.5 Water Benefits**

4.5.2 Please highlight any likely water benefits of your project(s):

|  |  |
| --- | --- |
| **Project Name** | **Water Supporting Commentary** |
|  |  |

## **4.6 Monitoring**

4.6.1 If you intend to monitor the environmental benefits of any project(s) throughout the project duration, please describe how this will be carried out.

|  |
| --- |
| *Type your answer here:*  |

*You shall provide the following additional evidence to confirm details of the environmental impact or benefit of each project:*

|  |  |  |
| --- | --- | --- |
| **To confirm EIA status** | **Select at least one (X)** | **Evidence provided** |
| Environmental Statement from EIA |  |  |
| Screening opinion confirming EIA not required |  |  |
| **To confirm consideration of environmental impacts including designated areas** | **Select box if designated areas** | **Evidence provided** |
| Map showing any designated areas |  |  |
| Other design planning documentation |  |  |
|  | **Specify what** | **Evidence provided** |
| Other evidence |  |  |

# **5. Social responsibility** [**online guidance**](https://www.skogarkolefni.is/en/standard-guidance/social-responsibility)

## **5.1 Forest and Community**

*Please highlight any community benefits of each project.*

|  |  |  |
| --- | --- | --- |
| **Element** | **Project(s)** | **If benefits occur, please provide further explanation** |
| Located in area deficient in accessible natural green space? |  |  |
| Promoting use of woodland to a range of groups across the community? |  |  |
| Designed in a way that supports community activities? |  |  |
| Community involved in the design of the woodland? |  |  |
| Helps to regulate air quality or temperature? |  |  |
| Other |  |  |

## **5.2 Forest and Economy**

*Please highlight any economic benefits of each project.*

|  |  |  |
| --- | --- | --- |
| **Element** | **Project(s)** | **If benefits occur, please provide further explanation** |
| Designed with timber production as an aim? |  |  |
| Expected to produce wood fuel or other non-timber products?  |  |  |
| Expected to support local enterprises in the future? |  |  |
| Expected to contribute to rural diversification or urban regeneration? |  |  |
| Provide opportunities for volunteering? |  |  |
| Will be used as a place to deliver training and skills? |  |  |
| Other |  |  |

## **5.3 Monitoring community and economic benefits**

*If you intend to monitor the social benefits or impacts of each project throughout its duration, please describe how this will be carried out.*

|  |
| --- |
| *Type your answer here:*  |

*You shall provide the following additional evidence to confirm details of the social impact or benefit of each project:*

|  |  |  |
| --- | --- | --- |
| **To confirm Benefits of the project:** | **Select (X)** | **Evidence provided:** |
| **Documentation which confirms benefits** |  |  |
| **Other evidence (Specify):** |  |  |