



**Gold Standard<sup>®</sup>**  
for the Global Goals

**FORM**

## FORM - PRELIMINARY REVIEW SUBMISSION

PROJECT/POA ID

GS23490

PROJECT/POA TITLE

Small Farmers' Carbon Farming Project in  
Chishang, Taiwan

VPAS ID\*

GS23490

*\*If multiple VPAs are submitted together for listing, the CME shall include GS IDs in the table, please add rows as needed.*

|                                                                                  |       |
|----------------------------------------------------------------------------------|-------|
| <input type="checkbox"/> Real Case VPA <input type="checkbox"/> Regular Case VPA | GS ID |
| <input type="checkbox"/> Real Case VPA <input type="checkbox"/> Regular Case VPA | GS ID |

## Summary

The Preliminary Review Submission form is required to provide necessary information about a proposed Project activity /Programme of Activities/Voluntary Project Activity(ies) (henceforth 'Project' for short) for project listing on the Gold Standard Gold Standard Assurance Platform and Impact Registry.

The project developer/CME shall refer to paragraphs 5.1.3 to 5.1.12 of the [Principles and Requirements](#) document and the latest [Rule Update](#) for comprehensive information on the preliminary review process, including requirements and procedures. Furthermore, the project developer/CME should use the guidelines provided in this template to ensure compliance with all necessary steps.

## 1| SCOPE, APPLICABILITY AND ENTRY INTO FORCE

- 1.1.1 | As noted under Gold Standard for the Global Goals (GS4GG) [Principles & Requirements](#) paragraph 5.1.9, the preliminary review is intended as a guide to the project developer. It does not represent a certification review or results in certification. **It does not guarantee that a Project will be successful in validation, design review, ongoing verification, or performance review. Neither does it guarantee that no further issues or alternative interpretations will arise during validation or design review.**
- 1.1.2 | To list a proposed project, PoA and VPAs<sup>1</sup> with Gold Standard, the project developer/CME shall submit the preliminary review form in its most updated template version with supporting documents.
- 1.1.3 | The following project documents shall also be submitted with the latest version of Form - Preliminary Review Submission (this document);
- a. [Stakeholder Consultation Report](#) (draft report – including summary of both rounds of consultation) *If multiple VPAs are submitted together then the stakeholder consultation report shall be submitted for each VPA except if a grouped stakeholder consultation is conducted. For details, please refer to section 4.9 of [Stakeholder Consultation and Engagement Requirements](#)*
  - b. [PoA Design Consultation Report](#) (draft report for PoAs only)
  - c. Signed [Cover Letter](#)
  - d. Signed [Terms and Conditions](#)
  - e. Signed [GSIQ Terms of Use](#)
  - f. Draft PDD/PoA-DD/VPA-DD
    - i. only needed when no other project applying the same methodology and/or product is listed on Assurance platform the [Gold Standard Impacts Registry](#), and
    - ii. may include – NOT MANDATORY - a summary of demonstration of the financial additionality approach and a draft monitoring plan at the preliminary review stage.
- 1.1.4 | All projects, PoAs and VPAs submitted on or after **01/05/2025** for preliminary review shall use the latest version of the Form - *Preliminary Review Submission*.

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<sup>1</sup> In case of regular VPAs, exemptions may apply, refer to [the Programme of Activity Requirements](#) for further details.

- 1.1.5 | All projects, PoAs and VPAs transitioning from CDM or other Standards to Gold Standard for the Global Goals (GS4GG) shall use a Form - [Transition Request Submission](#) instead of this Form - Preliminary Review Submission.
- 1.1.6 | The Form - Preliminary Review Submission must be submitted in Microsoft Word document format.

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## 2| DECISION SUMMARY

### TO BE COMPLETED BY GOLD STANDARD

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of the first submission <sup>2</sup>                                                                | 17/12/2025<br><i>Date of Form – Preliminary review submission (PRS) submission via Gold Standard Assurance Platform</i>                                                                                                                                                                                                                                                                                           |
| Stakeholder consultation report                                                                          | <input type="checkbox"/> Draft report <input checked="" type="checkbox"/> Final report<br><i>Confirm the status of the Stakeholder consultation report submitted for preliminary review.</i>                                                                                                                                                                                                                      |
| Date of decision/listing                                                                                 | 06/02/2026<br><i>Insert Date (dd/month/yyyy format) of decision for listing</i>                                                                                                                                                                                                                                                                                                                                   |
| Decision                                                                                                 | <input type="checkbox"/> Approved<br><i>[without any CARs, FARs or OBs identified]</i><br><input checked="" type="checkbox"/> Conditionally approved<br><i>[with CARs, FARs or OBs identified that are not required to be resolved prior to submission for Design Review]</i><br><input type="checkbox"/> Not Approved<br><i>[identified at least one potential Non-Conformity (NC)]</i><br>Reason for rejection: |
| Forward Action Requests<br><i>to be resolved during validation prior to submission for Design Review</i> |                                                                                                                                                                                                                                                                                                                                                                                                                   |

FAR 1. Land Eligibility Assessment – LUF Project Developer shall submit the land eligibility assessment evidence against the LUF activity requirements for the purpose of validation:

- Distinguished the project area boundaries
- Identified area to protect or enhance the biological diversity
- Spatial analysis of land eligibility assessment results
- Proof that proposed eligible area was not partly or entirely deforested within the 10 years prior to the project start date

FAR 2. Stakeholder Consultation Documentation

The project developer shall:

- Obtain and document explicit consent from stakeholders regarding the sharing of their personal information in consultation reports
- Submit two versions of the final stakeholder consultation report at design review:
  1. A redacted version with all personal details and stakeholder names removed
  2. A complete non-redacted version for review purposes

FAR 3. Project information and documentation

The PD shall ensure the project start date and project ID to be consistent across all documents and the Assurance platform. The annual emission reductions/removals on the Assurance Platform is not consistent with respect to the project documents. The Project Developer (PD) shall maintain consistency with regards to all the project details provided on the platform and documents. The VVB shall conduct a comprehensive review of project

<sup>2</sup> The date when the Project Developer submits the review request with the Form - Preliminary Review Submission and required documentation via assurance platform.

documentation consistency and compliance at validation. Specifically, the VVB shall:

- Validate consistency of project start date across all documentation:
  1. Verify supporting evidence for the claimed start date
  2. Document any discrepancies in the validation report
- Verify crediting period dates:
  1. Ensure consistency across all project documentation and Assurance platform
  2. Confirm compliance with applicable requirements
  3. Document the assessment with supporting evidence

#### FAR 4. Stakeholder Report Completion and Public Consultation Feedback Round

The VVB shall validate the project's compliance with Gold Standard stakeholder consultation and engagement requirements through these actions:

- Review stakeholder consultation meeting documentation, including attendance records, minutes, photographs, and feedback forms to verify inclusive representation of all relevant groups
- Verify the stakeholder mapping exercise to ensure all affected and interested parties—particularly vulnerable groups, women, and indigenous peoples—were identified and invited
- Confirm that consultation meetings were conducted in local languages and culturally appropriate ways by reviewing meeting materials and participant feedback
- Interview a representative sample of stakeholders to verify their participation, project understanding, and accurate recording of their feedback
- Examine how stakeholder feedback was incorporated into project design and implementation, including documented changes made in response
- Assess the grievance mechanism's establishment and effectiveness by reviewing procedures and records of addressed complaints
- Check stakeholder feedback round documentation to confirm adequate review and comment periods were provided
- Evaluate evidence of ongoing stakeholder engagement plans and communication mechanisms for project implementation

#### FAR 5. Project Area Overlap Validation:

The VVB shall validate that there is no overlap between the project area and other carbon crediting projects by:

- Conducting thorough local and regional due diligence using available databases and registries
- Consulting with local stakeholders and authorities to identify any existing carbon projects in the region
- Reviewing and verifying spatial data and project boundaries against other registered projects
- Documenting evidence that confirms the absence of overlap with other Gold Standard projects or projects under other voluntary or compliance standards

#### FAR 6. Validation of Legal Ownership and Transfer of Carbon Credits

The VVB shall validate that the project demonstrates full and uncontested legal ownership transfer of all carbon credits generated under Gold Standard certification from project beneficiaries, in accordance with criteria (f), 3| GENERAL ELIGIBILITY CRITERIA, Principles and Requirements. The validation shall confirm:

- Clear documentation of the transfer process exists.
- Evidence of Free, Prior and Informed Consent (FPIC) from beneficiaries is available.
- The transfer process is transparent and properly documented.

#### FAR 7. Risk Assessment and Mitigation Validation

The VVB shall validate the compliance with Safeguarding Principles compliance for risk assessment and mitigation planning through the following actions:

- Review risk assessment documentation thoroughly to verify:
  - Identification and evaluation of all safeguarding-related risks.
  - Definition of appropriate mitigation measures with clear actions, timelines, and responsibilities.
- Validate monitoring systems that track mitigation effectiveness, focusing on:
  - Potential impacts to local communities
  - Displacement risks
- Verify that:
  - Stakeholder feedback is integrated into risk management plans

#### FAR 8. Project Start Date

The VVB shall validate the project start date by:

- Reviewing all relevant project documentation, contracts, and records that substantiate the reported start date
- Collecting and verifying supporting evidence such as agreements, invoices, or other dated materials that demonstrate when project activities officially commenced
- Consulting with project stakeholders, as necessary, to confirm consistency of information related to the start date
- Providing a clear justification, along with documented evidence, to confirm the reported project start date

FAR 9. To comply with PAA Requirements, the PD shall ensure that the project is designed in accordance with a PA-aligned methodology, if submitted for design review after 30/06/2026. Even if the project is design certified with an older version of the methodology, any vintage 2026 or later shall be monitored, reported and verified according to a PA-aligned methodology, and the transition pathway described for that methodology. The validating/verifying VVB shall provide their assessment regarding the project's compliance with the PAA Requirements.

FAR 10. Since the project is a smallholder activity, the PD shall refer to the **Rule Update** [RULE UPDATE- Smallholder, small scale and microscale definitions and requirements for Land-Use and Forestry \(luf\) projects](#). The VVB shall clearly demonstrate and document its assessment against the applicable definitions and requirements in the validation report, including justification of the project's classification as a smallholder activity.

FAR 11. As the project applies multiple Activity Modules, the VVB shall ensure compliance with Section 12 of the Soil Organic Framework Methodology. The validation/verification shall clearly demonstrate that the requirements to avoid overlap and double counting of emission reductions are met, including appropriate justification of module applicability, delineation of boundaries, and conservative accounting where interactions between Activity Modules may occur.

FAR 12. The VVB shall ensure that the estimation of emission removals is assessed in a transparent and conservative manner and is fully aligned with the applicable methodology requirements. The validation/verification shall clearly demonstrate that the selected approach, assumptions, data inputs, and calculation steps are appropriately justified,

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conservatively applied, and supported by adequate evidence, ensuring that emission removals are neither overestimated nor inconsistent with methodological provisions.

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CLs/Observations

*to be addressed during the validation prior to submission for Design Review*

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NOTE:

- *The CARs, OBs and FARs, raised at the Preliminary review stage are indicative only; further matters may be raised or interpreted differently by the VVB and/or Gold Standard during the Project Cycle Certification.*
- *The validating/verifying VVB shall validate how FARs have been addressed and include its opinion in the validation/verification report as applicable.*

### 3| PROJECT INFORMATION

THIS SECTION IS TO BE COMPLETED BY THE PROJECT DEVELOPER/CME

| KEY PROJECT INFORMATION             |                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                           |                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------|-------------------|
| GS ID and Title of the PA/PoA/VPA   | Project classification                                                                                                                                                                                                                                                                                                                                                                                                                  | GS ID         | Title                                                     |                   |
|                                     | <input checked="" type="checkbox"/> Project Activity                                                                                                                                                                                                                                                                                                                                                                                    | GS23490       | Small Farmers' Carbon Farming Project in Chishang, Taiwan |                   |
|                                     | <input type="checkbox"/> Programme of Activity                                                                                                                                                                                                                                                                                                                                                                                          | GSXXXXXX      | Insert here                                               |                   |
|                                     | <input type="checkbox"/> Real Case VPAs                                                                                                                                                                                                                                                                                                                                                                                                 | GSXXXXXX      | Insert here                                               |                   |
|                                     | <input type="checkbox"/> Regular Case VPA                                                                                                                                                                                                                                                                                                                                                                                               | GSXXXXXX      | ADD rows as necessary                                     |                   |
| Host country                        | Taiwan                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                                           |                   |
|                                     | <i>If multi-country PoA, include names of all countries for which real case VPAs have been submitted for listing or already listed.</i>                                                                                                                                                                                                                                                                                                 |               |                                                           |                   |
| Location                            | <i>Enter exact project location, as known of the project developer/CME</i>                                                                                                                                                                                                                                                                                                                                                              |               |                                                           |                   |
|                                     | GSID                                                                                                                                                                                                                                                                                                                                                                                                                                    | Country       | State/region/province                                     | City or village   |
|                                     | GS23490                                                                                                                                                                                                                                                                                                                                                                                                                                 | Taiwan        | Taitung County                                            | Chishang Township |
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                           |                   |
|                                     | <i>ADD rows as necessary</i>                                                                                                                                                                                                                                                                                                                                                                                                            |               |                                                           |                   |
| Geo-coordinates of the project site | <i>Enter geo-coordinates in DMS format (e.g., 41°24'12.2"N 2°10'26.5"E)</i>                                                                                                                                                                                                                                                                                                                                                             |               |                                                           |                   |
|                                     | GSID                                                                                                                                                                                                                                                                                                                                                                                                                                    | Latitude      |                                                           | Longitude         |
|                                     | GS23490                                                                                                                                                                                                                                                                                                                                                                                                                                 | 23° 5'44.92"N |                                                           | 121°12'56.14"E    |
|                                     | <i>ADD rows as necessary</i>                                                                                                                                                                                                                                                                                                                                                                                                            |               |                                                           |                   |
| Project scale                       | <input checked="" type="checkbox"/> Micro scale <input type="checkbox"/> Small Scale <input type="checkbox"/> Large Scale<br><input checked="" type="checkbox"/> Small-holder activity [Only applicable to Micro and Small scale activities]<br><input type="checkbox"/> Other [Please specify here, if applicable]                                                                                                                     |               |                                                           |                   |
| Type of project                     | <input type="checkbox"/> Emission reductions activity<br><input checked="" type="checkbox"/> Emission removals activity<br><input type="checkbox"/> Emission reductions and removals activity                                                                                                                                                                                                                                           |               |                                                           |                   |
| GS4GG Activity requirement          | <input type="checkbox"/> Renewable Energy<br><input type="checkbox"/> Community Services Activity<br><input type="checkbox"/> Land-Use & Forests<br><input checked="" type="checkbox"/> Agriculture<br><input type="checkbox"/> Blue Carbon and Freshwater Wetlands Activity Requirements<br><input type="checkbox"/> Engineered removal<br><input type="checkbox"/> NA (Select this if activity is not covered under above categories) |               |                                                           |                   |
| Methodology(ies) applied            | <input checked="" type="checkbox"/> GS approved methodology, including any specific GS applicability criteria<br><input type="checkbox"/> A project-specific methodology (Microscale Project or PoA/VPAs only)                                                                                                                                                                                                                          |               |                                                           |                   |

|                                                                 |                                                                                                                                                                                                                                                                                                              |                               |                |             |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------|-------------|
|                                                                 | <input type="checkbox"/> A proposed methodology (for which a public consultation has been completed)                                                                                                                                                                                                         |                               |                |             |
|                                                                 | Methodology title                                                                                                                                                                                                                                                                                            |                               |                | Version No. |
|                                                                 | Soil Organic Carbon Framework Methodology                                                                                                                                                                                                                                                                    |                               |                | 1.0         |
|                                                                 |                                                                                                                                                                                                                                                                                                              |                               |                |             |
| Product requirements applied                                    | <input checked="" type="checkbox"/> GHG Emissions Reduction & Sequestration                                                                                                                                                                                                                                  |                               |                |             |
|                                                                 | <input type="checkbox"/> Renewable Energy Label                                                                                                                                                                                                                                                              |                               |                |             |
|                                                                 | <input type="checkbox"/> [Reporting only]                                                                                                                                                                                                                                                                    |                               |                |             |
| Project cycle <sup>3</sup>                                      | <input checked="" type="checkbox"/> Regular cycle                                                                                                                                                                                                                                                            |                               |                |             |
|                                                                 | <input type="checkbox"/> Retroactive cycle                                                                                                                                                                                                                                                                   |                               |                |             |
|                                                                 | <p>Refer to <a href="#">Principles and requirements</a> paragraphs 4.1.39 to 4.1.42 and <a href="#">Activity requirements</a>, where applicable.</p> <p>For A/R and AGR activity – refer to <a href="#">Terms and Definitions</a>, <a href="#">LUF activity requirements</a> for the project start date.</p> |                               |                |             |
| Project start date and Crediting period (CP) start and end date | GS ID                                                                                                                                                                                                                                                                                                        | Start date                    | CP start date  | CP end date |
|                                                                 | GS23490                                                                                                                                                                                                                                                                                                      | 01/05/2025                    | 01/05/2025     | 30/04/2035  |
|                                                                 |                                                                                                                                                                                                                                                                                                              |                               |                |             |
|                                                                 |                                                                                                                                                                                                                                                                                                              |                               |                |             |
| Stakeholder consultation dates                                  | PoA design consultation <input checked="" type="checkbox"/> NA                                                                                                                                                                                                                                               | Physical meeting <sup>4</sup> | Feedback round |             |
|                                                                 |                                                                                                                                                                                                                                                                                                              |                               | Start date     | End date    |
|                                                                 | dd/mm/yyyy                                                                                                                                                                                                                                                                                                   | 21/02/2025                    | 22/05/2025     | 30/04/2025  |
|                                                                 | Describe deviations from requirements here, if any here.                                                                                                                                                                                                                                                     |                               |                |             |
| Stakeholder consultation documentation                          | <input checked="" type="checkbox"/> <a href="#">Stakeholder Consultation Report</a> – project                                                                                                                                                                                                                |                               |                |             |
|                                                                 | <input type="checkbox"/> <a href="#">Design Consultation Report</a> - PoA                                                                                                                                                                                                                                    |                               |                |             |
|                                                                 | <input type="checkbox"/> <a href="#">Design Consultation Report</a> - PoA and the Stakeholder Consultation Report for at least the first Real Case VPA                                                                                                                                                       |                               |                |             |
|                                                                 | <input type="checkbox"/> <a href="#">Stakeholder consultation report</a> – Real/Regular Case VPA                                                                                                                                                                                                             |                               |                |             |

<sup>3</sup> The project Start Date and the stakeholder consultation date determine the project as –  
 (a) Regular cycle Projects, for which the Stakeholder Consultation (1st round) has been conducted before the Project Start Date.  
 (b) Retroactive cycle Projects, for which the Stakeholder Consultation (1st round) is conducted after the Project Start Date.

Retroactive Projects submitted for preliminary review at a date later than one year (five years for LUF projects) from the project start date are not eligible for Gold Standard certification. Retroactive projects are required to provide evidence to demonstrate prior consideration at the time of validation (paragraph 7.1.3 of GHG Emissions Reductions & Sequestration Product Requirements)

<sup>4</sup> If multiple meetings are organized enter the 1st meeting date.

|                               |                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
|                               | <input type="checkbox"/> Draft report <sup>5</sup>                                                                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Final report |
| Other mandatory documentation | <input checked="" type="checkbox"/> Signed <a href="#">Cover Letter</a><br><input checked="" type="checkbox"/> Signed <a href="#">Terms and Conditions</a><br><input checked="" type="checkbox"/> Signed <a href="#">GSIQ Terms of Use</a>                                                                                                                                               |                                                  |
| Other optional documentation  | <input checked="" type="checkbox"/> Draft <a href="#">PDD/PoA-DD/VPA-DD</a> (if applicable, refer to Section 1 above)<br><input checked="" type="checkbox"/> Draft <a href="#">SDG Impact Tool</a><br><input type="checkbox"/> Others ( <i>List the document below</i> )<br><input checked="" type="checkbox"/> Other 1 – Emission Reduction Excel<br><input type="checkbox"/> Other 2 - |                                                  |

## CONTACT DETAILS

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project developer NAME:      | Eco-affinity Inc.<br><br><i>The Registry account holder and authorized owner of the certified product(s). Refer to the Cover Letter for the definition and roles &amp; responsibilities of the project developer. The name of the project developer must be the same as in the Cover letter.</i>                                                                                                                                                                                                                                                                                                                                        |
| Project representative NAME: | Jay Fang<br><br><i>Mention the official focal point(s) for the project - this may also be the Project Developer. Refer to the Cover Letter for the definition and roles &amp; responsibilities of project representatives. The name of the representative of the project must be the same as in the Cover letter.</i>                                                                                                                                                                                                                                                                                                                   |
| Declaration                  | The Project Developer/CME and Project Representative acknowledge and affirm that:<br><br><input checked="" type="checkbox"/> the preliminary review is intended as a guide to the project developer, is not a certification decision, and does not guarantee that a Project/PoA or VPA shall be successful in validation or design review or ongoing verification and performance review.<br><br><input checked="" type="checkbox"/> the information provided in the Preliminary Review Form and supporting documents is correct and accurate to the best of their knowledge and understanding of Gold Standard rules and requirements. |

<sup>5</sup> Note that for the preliminary review, project developers may submit a draft stakeholder consultation report detailing the physical meeting (1st round of consultation). This report shall include, at minimum, the consultation date, a list of invited stakeholders, the invitation method, information shared with stakeholders, and feedback received.)

Regardless of validation of listing status, project developers shall submit the final stakeholder consultation report—covering both physical meeting (1<sup>st</sup> round of consultation) and feedback round (second round consultations) —within one year of the project's start date or as required by the activity requirement.

Note that extended submission timelines may apply for certain activities, such as those outlined in LUF activity requirements or the Shipping sector.

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                               | <p><input checked="" type="checkbox"/> the consequences of any change in applicable GS4GG rules and requirements or any information found incorrect during validation or design certification, is the sole responsibility of the project developer.</p> <p><input checked="" type="checkbox"/> prior consent from stakeholders has been or will be obtained in compliance with applicable host country regulations for sharing the personal information publicly as included in the document submitted to Gold Standard.</p> <p><input checked="" type="checkbox"/> I hereby affirm my commitment to adhere to all relevant data privacy laws, regulations, and industry best practices for data management throughout the entire project lifecycle. This commitment includes, but is not limited to, the proper collection, storage, processing, and protection of all stakeholder data in accordance with applicable legal requirements and ethical standards.</p> |
| Contact details of the representative signing the declaration | <p><input checked="" type="checkbox"/> Project Developer / CME</p> <p><input checked="" type="checkbox"/> Project Representative</p> <hr/> <p>Organisation: Eco-affinity Inc.</p> <p>Position: CEO</p> <p>Full Name: Jay Fang</p> <p>Email: jay@mihumisang.org</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## 4| PROJECT DESCRIPTION

THIS SECTION IS TO BE COMPLETED BY THE PROJECT DEVELOPER/CME

### A. Purpose and general description of the project

*Complete the Project Purpose and General Description section by following these guidelines, then delete this instructional text. Refer to the project examples for further guidelines in Annex A1 of this document.*

#### A.1 Project Purpose and Climate Impact

- State the primary objective clearly and concisely

The primary objective of this project is to mitigate climate change by implementing sustainable practices and innovative technologies that reduce greenhouse gas emissions. By employing GS Soil Organic Carbon Framework Methodology, PD consulted with local farmers in Chishang, local government officials, and agricultural experts to formulated the project to help farmers to implement GS activity modules, cover crops and improved tillage, to increase the soil organic carbon and improve production and crop quality.

This project also strongly linked with Chishang decades of rice farming culture, and sustainable development.

- Detail climate change mitigation/adaptation contributions

Soil organic carbon sequestration (carbon farming) through improved agricultural methodologies plays a significant role in both climate change mitigation and adaptation. By increasing the amount of organic carbon stored in the soil, these practices help remove carbon dioxide from the atmosphere, directly reducing greenhouse gas concentrations and slowing the pace of global warming. Methods such as cover cropping, reduced tillage, and the adoption of GS activity modules not only enhance carbon storage but also improve soil structure, fertility, and water retention. In terms of adaptation, higher soil organic carbon levels make agricultural systems more resilient to climate variability. Improved soil health leads to better moisture retention during droughts, increased nutrient availability, and enhanced crop yields, all of which support farmers in adapting to changing climate conditions. These benefits contribute to the long-term sustainability and productivity of local farming communities while supporting broader climate goals.

It suggests that with proper improve methods and right climate, soil will sequestration tons of CO<sub>2</sub>e through natural processes, benefit to farmers and mitigate climate and food security risk.

#### A.2 General project overview

- Main components and activities

Implementation of GS Soil Organic Carbon Framework Methodology and Activity Modules: Adopting a standardized approach to measure, monitor, and enhance soil organic carbon levels through targeted agricultural interventions.

Consultation and Collaboration: Engaging local farmers, government officials, and agricultural experts in Chishang to design and tailor project activities for maximum effectiveness and cultural alignment.

- Adoption of GS Activity Modules: Supporting farmers in the integration of GS activity modules, cover crops and improved tillage for increase soil organic carbon, which include a suite of sustainable farming practices aimed at boosting soil carbon sequestration.

- Gold Standard [Soil Organic Carbon Framework Methodology v. 1.0](#) and [Soil Organic Carbon Activity Module for Cover Crop v.1.0](#), and [Soil Organic Carbon Activity Module: Increasing Soil Carbon through Improved Tillage v.1.0](#) are employed in this project.

Cover Cropping: Introducing and managing cover crops to improve soil structure, prevent erosion, and increase organic matter in the soil.

Improved Tillage Practices: Implementing reduced or conservation tillage methods to minimize soil disturbance, thereby promoting carbon retention and soil health.

Monitoring and Verification: Regularly assessing soil organic carbon levels and tracking greenhouse gas emission reductions to ensure measurable climate benefits.

Capacity Building and Farmer Training: Providing education and technical support to farmers to facilitate adoption of new practices and ensure long-term sustainability.

Integration with Local Culture and Sustainable Development: Ensuring project activities are consistent with Chishang's rice farming heritage and broader sustainable development objectives.

- Technology or measures being implemented

The project employs a combination of advanced methodologies and sustainable agricultural practices to enhance soil organic carbon levels in Chishang. Key measures include:

1. Implementation of GS Soil Organic Carbon Framework Methodology and Activity Modules: Utilizing standardized protocols for measuring, monitoring, and improving soil organic carbon, ensuring reliable tracking and verification of climate impact.
2. Adoption of GS Activity Modules: Supporting farmers in the use of cover crops and improved tillage practices designed to increase soil organic carbon sequestration by integrating a suite of sustainable farming techniques.
3. Cover Cropping: Introducing and managing cover crops to enhance soil structure, prevent erosion, and add organic matter, directly contributing to increased carbon storage in the soil.
4. Improved Tillage Practices: Applying reduced or conservation tillage methods to limit soil disturbance, which helps retain carbon and supports overall soil health.
5. Monitoring and Verification: Conducting regular assessments of soil organic carbon and monitoring greenhouse gas emissions reductions to ensure the effectiveness and credibility of project outcomes.
6. Capacity Building and Farmer Training: Providing education, technical support, and resources to farmers to facilitate the adoption of new practices and ensure long-term sustainability of the measures implemented.
7. Integration with Local Culture: Aligning project activities with Chishang's rice farming traditions and broader sustainable development goals to maximize community acceptance and impact.

- Technical specifications such lifetime, capacity, etc.

### **A.3. Stakeholder Information**

- Community stakeholders and their roles

WanAn Community Development Association (WACDA) – project owner, and coordinates farmers, mill, and related interest parties, e.g. governments, NGOs, schools, Women organizations. WACDA represents 50 farmer families in the beginning of the project, it may increase after the project fully certified.

Chishang Township Government – local government authority, also provide Chishang Rice Geological Trademark certification scheme.

Eco-affinity Inc. – Project Developer, provides technical support and Gold Standard certification resources, e.g., certification fees, training, business opportunities searching, and potential Payment for Ecosystem services (PES).

- Carbon revenue distribution plan, if any

According to contract between WACDA and Eco-affinity Inc. once the project certified and carbon credit revenue comes to Eco-affinity Inc., WACDA will have \$10 minimal payment to transfer credits to Eco-affinity, and 50% net profit share after deducted project development cost, taxes and levy.

#### A.4. Location and Timeline

- In the project baseline, 209 ha of rice paddies signed up. After the project fully certified, it predicts more farmers and more land will join the project.

- Geographic coverage details

The project is located in Chishang, a renowned rice-producing area in Taitung County, Taiwan. The region is characterized by its lush paddies and a strong tradition of community-led agricultural stewardship.

While the text describes a high-altitude, semi-dry highland environment, Chishang is defined by its position between the Central Mountain Range and the Coastal Mountain Range.

- **The "Rice Paradise":** Because Chishang sits at a much lower elevation (~260m), it is one of Taiwan's most productive agricultural zones, specifically famous for **Chishang Rice**.
- **Climate:** Chishang has a **Humid tropical climate**.
- **Landscape:** Chishang's landscape is almost entirely composed of established, flat paddy fields, notably the **Mr. Brown Avenue (Chishang Rice Road)**, which is a protected scenic area without power lines.
- Implementation schedule
  - Project was initiated in August 2024.
  - it was going to have stakeholder consultation in 29/10/2024, it was postponed because Typhoon Kong-rey was coming that farmers had to harvest rice earlier 2 weeks.
  - The formal Stakeholder Consultation Meeting was on 21/02/2025, with 2 months of review period.
  - Project start date: 01/05/2025
  - Project period 10 years
  - Project end date: 30/04/2034
  - PDD first submission on 01/12/2025

#### A.5. Project Specific Elements

The **Small Farmers' Carbon Farming Project in Chishang, Taitung, Taiwan**, is a **micro-scale Land-Use and Forests (LUF) activity** focused on **agriculture**. Developed by **Eco-affinity Inc.** and owned by the **WanAn Community Development Association (WACDA)**, the project aims to sequester soil organic carbon and reduce greenhouse gas emissions through sustainable management practices.

#### A. Project Scope and Timeline

- B. **Eligible Area:** The project initially covers **209 hectares** of long-term agricultural land, primarily dedicated to rice cultivation for over seven decades.
- C. **Crediting Period:** The project is scheduled for a **10-year duration**, starting **January 1, 2025**, and concluding **December 31, 2034**.
- D. **Scale:** It is classified as a **micro-scale** activity because its projected emission reductions are **less than 10,000 tCO<sub>2</sub>e per year** and the total area is **under 500 hectares**.
- E. **Methodological Framework**
- F. The project applies the **Gold Standard for the Global Goals (GS4GG) Soil Organic Carbon (SOC) Framework Methodology, Version 1.0**.
- G. **Quantification Approach:** Due to a lack of existing soil carbon models in Taiwan, the project utilizes **Approach 1**, requiring **on-site sampling and measurement** to establish both baseline and project-scenario SOC stocks.
- H. **Sampling Protocol:** Soil sampling and measurement follow **GS SOIL ORGANIC CARBON (SOC) MODEL REQUIREMENTS AND GUIDELINES**, and the **ICRAF Protocol** (Land Degradation Surveillance Framework), which utilizes a hierarchical design collecting eight samples per plot across two soil layers (0–20 cm and 20–50 cm).
- I. **Baseline Conditions:** The baseline SOC stock is calculated at **22,056 tonnes of Carbon (tC)**, representing conventional practices such as multiple rounds of tillage and the application of herbicides during fallow periods.
- J. **Core Technologies and Measures**
  - a. The project implements a suite of **regenerative agricultural modules** to enhance soil health and capture carbon:
  - b. **Cover Crops Activity Module:** Rotational planting of crops like **rapeseed flowers, buckwheat, and sun hemp** is established after the rice harvest to minimize erosion and retain soil cover.
  - c. **Improved Tillage Activity Module:** The project introduces **low-disturbance tillage** using strip tillers or conservation plows to minimize soil disruption and support carbon sequestration.
- K. **Digital Monitoring (MRV):** The **MiHuMiSang App** serves as an Information Communication Tool (ICT) for farmer project management, reporting, and ensuring the **authenticity and traceability** of all activities.
- L. **Sustainable Development Goals (SDGs)**
- M. **The initiative targets several high-impact SDG contributions:**
  - a. **SDG 13 (Climate Action):** Estimated annual average net reduction of **838 tCO<sub>2</sub>e**, totaling **8,380 tCO<sub>2</sub>e** over the crediting period.
  - b. **SDG 2 (Zero Hunger):** Projected adoption of practices by **50 farmers** and the implementation of improved soil conservation across the entire **209-hectare** area.
  - c. **SDG 3 (Health and well being):** **Stop 209-hectare project area open burning** of biomass or agricultural residues to avoid air pollution.
  - d. **SDG 4 (Quality Education):** at least 6 hours training on FAO Global Soil Doctor Program and field exercise for climate smart agricultural practices.

- e. **SDG 8 (Decent Work and Economic Growth):** An expected average annual net benefit of **\$136,273** from secondary activities such as **ecotourism** and increased market value for certified products.
- f. **SDG 12 (Responsible Consumption and Production):** A pledge by all project owners to **reduce use of agrochemicals and N-fertilizers** without reduce productions.

## N. GHGs included

Select the GHGs that are included in the project

|                                                     |                                          |                                           |                                                        |
|-----------------------------------------------------|------------------------------------------|-------------------------------------------|--------------------------------------------------------|
| <input checked="" type="checkbox"/> CO <sub>2</sub> | <input type="checkbox"/> CH <sub>4</sub> | <input type="checkbox"/> N <sub>2</sub> O | <input type="checkbox"/> Others (please specify below) |
|-----------------------------------------------------|------------------------------------------|-------------------------------------------|--------------------------------------------------------|

>>Insert here

## O. Expected GHGs emissions reduction/removal

| Emission reductions/removals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                               |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Estimated Annual emission reductions over the crediting period of the proposed activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Emission reduction /removals for <input type="checkbox"/> 1 <sup>st</sup> Crediting period<br><input type="checkbox"/> Total crediting period |                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <i>Select the crediting period type that applies to the information below.</i>                                                                |                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Emission type                                                                                                                                 | tCO <sub>2</sub> e/year – annual average                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Emission reductions                                                                                                  |                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Emission removals                                                                                         | 838                                                                                  |
| <i>Select the emission types of the proposed project and enter the estimated average annual emission reductions or net removals expected from the proposed project.</i><br><i>When the proposed project involves both types of emissions, insert the estimated average annual emission for each type separately.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |                                                                                      |
| Estimated annual emission reductions/removals per project technology or measure or appropriate units distributed/ implemented in the proposed project activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Technology/measure                                                                                                                            | tCO <sub>2</sub> e/year – annual average per technology/ measure or appropriate unit |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SOC sequestration                                                                                                                             | 4 tCO <sub>2</sub> e/ ha <sup>-1</sup> y <sup>-1</sup>                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                      |
| <i>Provide the annual emission reductions/removals estimates for the first crediting period or total crediting period.</i><br><i>If calculating emissions by technology/measure is not feasible, provide a clear justification.</i><br><i>For projects with multiple technologies/measures, break down emission reductions/removals by each component. For example:</i> <ul style="list-style-type: none"> <li><i>For ARR projects: Mention separate values for biomass and soil organic carbon sequestration</i></li> <li><i>For Multi technology projects: Detail emissions separately (e.g., cookstove emissions and methane avoidance from animal waste management for biogas project)</i></li> </ul> <i>Here are two examples:</i><br><i>Example 1: ARR Project</i> |                                                                                                                                               |                                                                                      |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>For the afforestation project, the annual carbon sequestration per hectare is:</i></p> <ul style="list-style-type: none"><li><i>Biomass carbon sequestration: 3.5 tCO<sub>2</sub>e/year per hectare</i></li><li><i>Soil organic carbon sequestration: 0.30 tCO<sub>2</sub>e/year per hectare</i></li></ul> <p><i>Example 2: Biogas Cooking Project</i></p> <p><i>Annual emission reductions per unit for 1st crediting period:</i></p> <ul style="list-style-type: none"><li><i>Reduction from avoided wood fuel use: 3 tCO<sub>2</sub>/year per stove</i></li><li><i>Reduction from methane avoidance: 1.5 tCO<sub>2</sub>/year per stove</i></li></ul> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 5| Project Eligibility Assessment

The assessment questions below are intended to gather key information on the Project and to provide relevant information on applicable requirements for ease of reference. The project developer/CME is expected to go through the detailed requirements referring to relevant GS4GG standard documents, as applicable, for further details. The project developer/CME shall answer all assessment questions below.

### GENERAL ELIGIBILITY ASSESSMENT

|                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1. Is the activity eligible project type under Gold Standard for the Global Goals? Refer to Section 4a, ELIGIBLE PROJECT TYPES, <a href="#">Principles and Requirements</a>                                                                                                                                                                                                                | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 2. Does the activity involve any technology/measure related to <ul style="list-style-type: none"> <li>- geoengineering</li> <li>- energy generated from fossil fuels</li> <li>- nuclear energy,</li> <li>- fossil fuel switch,</li> <li>- avoided deforestation</li> <li>- enhanced oil recovery</li> <li>- or in any way support, enhance or prolong such energy generation?</li> </ul>   | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |
| 3. In case the technology/measure is related to "energy generated from fossil fuels" (for example, LPG stoves), is exception made and captured in the relevant Activity Requirements, Approved Methodology and/or Product Requirements?                                                                                                                                                    | <input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input checked="" type="checkbox"/> Not applicable |
| 4. Is the activity also registered or pursuing certification under any other voluntary or compliance standards programme?                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |
| 5. If the proposed activity is a part of another standard, voluntary or compliance standards programme, confirm the name(s) below. Otherwise, select 'Not Applicable'.<br><i>Note – If the project is transitioning from CDM or other Standards to Gold Standard for Global Goals (GS4GG) shall use a <a href="#">Transition Request Form</a> instead of this Preliminary Review form.</i> | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> Not Applicable                                |
| <input type="checkbox"/> CDM; <input type="checkbox"/> PACM; <input type="checkbox"/> VCS/VERRA; <input type="checkbox"/> ACR; <input type="checkbox"/> CAR; <input type="checkbox"/> Plan Vivo; <input type="checkbox"/> Other<br>If other, please specify here                                                                                                                           |                                                                                                                   |
| 6. Does the activity have an overlapping Project Area with that of another Gold Standard or other voluntary or compliance standard programme of a similar nature?<br><i>If "Yes", take note of paragraph 3.1.1.(c) <a href="#">Principles and Requirements</a>.</i>                                                                                                                        | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |
| 7. Is the proposed activity or any component of it required by an existing legally binding mandate, regulatory requirement of a host country?                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |
| 8. Does the activity involve legal ownership transfer of any Products that are generated under Gold Standard Certification (for example carbon credits) from project beneficiaries?<br><i>If "yes", take note of paragraph 3.1.1.(f) <a href="#">Principles and Requirements</a>.</i>                                                                                                      | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |
| 9. Is a relevant <a href="#">activity requirement</a> available for the proposed project activity?<br><i>If no, take note of paragraph 4.1.4, <a href="#">Principles and Requirements</a>.</i>                                                                                                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 10. Is PA/PoA/VPAs located in conflict zones, refugee camps or areas that pose a high risk to life and/or health?<br><i>If yes, take note of the provisions specified in Annex B <a href="#">Principles and Requirements</a>.</i>                                                                                                                                                          | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No                                            |

## SUSTAINABLE DEVELOPMENT ASSESSMENT

| <p>11. Does the project positively contribute to a minimum of three Sustainable Development Goals (SDGs): SDG13 (mandatory) + two other SDGs?<br/> <i>All projects shall demonstrate a clear, direct contribution to sustainable development, defined as making demonstrable, positive impacts on at least three Sustainable Development Goals (SDGs), one of which must be SDG 13 (Section 4. (c) of Principles and Requirements).</i></p> <p><i>Also, take note of the requirements of paragraph 4.1.30 of Principles and Requirements regarding the opinion and recommendations of Expert Stakeholders.</i></p>                       | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <p>12. Select below the identified SDGs that the project will likely contribute to.<br/> <i>Check the SDGs that demonstrate your project's positive contributions. Your project activity shall contribute to:</i></p> <ul style="list-style-type: none"> <li>• SDG 13 (Climate Action) plus at least 2 additional SDGs</li> <li>• One of your additional SDGs shall align with your host country's development priorities. For example: If your project contributes to SDG 13, SDG 7 (Affordable and Clean Energy), and SDG 8 (Decent Work and Economic Growth), either SDG 7 or SDG 8 shall match your country's priorities.</li> </ul> |                                                                        |
| SDG name<br><i>[Tick the box if the project is contributing to the selected SDG and monitoring plan for corresponding contribution has been developed otherwise leave it unmarked.]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Confirm the host country's objective priority alignment                |
| <input type="checkbox"/> SDG 1: No Poverty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes                                           |
| <input checked="" type="checkbox"/> SDG 2: Zero Hunger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/> Yes                                |
| <input checked="" type="checkbox"/> SDG 3: Good Health and Well-being                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Yes                                |
| <input checked="" type="checkbox"/> SDG 4: Quality Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Yes                                |
| <input type="checkbox"/> SDG 5: Gender Equality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 6: Clean Water and Sanitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 7: Affordable and Clean Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes                                           |
| <input checked="" type="checkbox"/> SDG 8: Decent Work and Economic Growth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Yes                                |
| <input type="checkbox"/> SDG 9: Industry, Innovation and Infrastructure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 10: Reduced Inequalities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 11: Sustainable Cities and Communities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Yes                                           |
| <input checked="" type="checkbox"/> SDG 12: Responsible Consumption and Production                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes                                |
| <input checked="" type="checkbox"/> SDG 13: Climate Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Mandatory                                                              |
| <input type="checkbox"/> SDG 14: Life Below Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 15: Life on Land                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 16: Peace, Justice and Strong Institutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes                                           |
| <input type="checkbox"/> SDG 17: Partnerships for the Goals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes                                           |

## SAFEGUARDING PRINCIPLES ASSESSMENT

13. Have you completed the assessment against the Gold Standard  
[Safeguarding Principles and Requirements](#)?

☒ Yes

☐ No

Summary of Safeguarding Principles and Requirements assessment

*For each Safeguarding Principle and sub-principle:*

- Mark "Yes" if the principle is relevant to the project, "NA" if not relevant
- Mark "Yes" if any risks are identified or potential, "No" if no risks exist
- Mark "Yes" if there is a mitigation plan to address, minimize, or avoid identified risks

| Principle                                                               | Sub principle                                  | Relevant for activity                                                  | Risk identified                                                        | Mitigation plan in place                |
|-------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------|
| 1. Human Rights                                                         |                                                | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 2. Gender Equality and Women's empowerment                              |                                                | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 3. Community Health, Safety and Working Conditions                      |                                                | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 4. Cultural Heritage, Indigenous Peoples, Displacement and Resettlement | 4.1. Sites of cultural and historical heritage | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
|                                                                         | 4.2. Forced eviction and displacement          | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
|                                                                         | 4.3. Land tenure and other rights              | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
|                                                                         | 4.4. Indigenous peoples                        | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 5. Corruption                                                           |                                                | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 6. Economic Impacts                                                     | 6.1 Labour Rights and Working Conditions       | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
|                                                                         | 6.2 Negative economic consequences             | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 7. Climate and Energy                                                   | 7.1 GHG Emissions                              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
|                                                                         | 7.2 Energy supply                              | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
| 8. Water                                                                | 8.1 Impact on Natural Water Patterns/Flows     | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
|                                                                         | 8.2 Erosion and/or water body instability      | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |
|                                                                         | 9.1 Landscape modification and soil            | <input type="checkbox"/> Yes                                           | <input type="checkbox"/> Yes                                           | <input type="checkbox"/> Yes            |

|                                                                                                                                                                                                                                          |                                                                |                                                                        |                                                                        |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 9. Environment, Ecology and Land Use                                                                                                                                                                                                     |                                                                | <input checked="" type="checkbox"/> NA                                 | <input checked="" type="checkbox"/> No                                 |                                                                                                                   |
|                                                                                                                                                                                                                                          | 9.2 Vulnerability to natural disaster                          | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes                                                                           |
|                                                                                                                                                                                                                                          | 9.3 Biosafety and genetic resources                            | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
|                                                                                                                                                                                                                                          | 9.4 Release of pollutants                                      | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes                                                                           |
|                                                                                                                                                                                                                                          | 9.5 Hazardous and non-hazardous waste                          | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes                                                                           |
|                                                                                                                                                                                                                                          | 9.6 Pesticides & Fertilisers                                   | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes                                                                           |
|                                                                                                                                                                                                                                          | 9.7 Harvesting of forests                                      | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
|                                                                                                                                                                                                                                          | 9.8 Food security                                              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> NA | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes                                                                           |
|                                                                                                                                                                                                                                          | 9.9 Animal welfare                                             | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
|                                                                                                                                                                                                                                          | 9.10 High conservation value (HCV) areas and critical habitats | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
|                                                                                                                                                                                                                                          | 9.11 Endangered species                                        | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
|                                                                                                                                                                                                                                          | 9.12 Invasive alien species                                    | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> NA | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes                                                                                      |
| 14. Have you identified any relevant potential risks and adverse outcomes following the GS4GG <a href="#">Safeguarding Principles and Requirements</a> ?                                                                                 |                                                                |                                                                        |                                                                        | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 15. If the answer to the previous question is "Yes," is the Project Developer aware that the project must comply with the requirements with regard to the relevant safeguarding principle through design, management or risk mitigation? |                                                                |                                                                        |                                                                        | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| 16. If the answer to the previous question is "Yes," is the Project Developer aware that the mitigation measures must be added to the Monitoring Plan (as required)?                                                                     |                                                                |                                                                        |                                                                        | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |

*Safeguarding Principles Assessment must conform to the [Safeguarding Principles and Requirements](#). Also, take note of the requirements of paragraph 4.1.30 of [Principles and Requirements](#) regarding the opinion and recommendations of Expert Stakeholders.*

## GENDER EQUALITY

Gender Equality Certification

☒ Gender sensitive (mandatory) ☒ Gender responsive

Check this box if applying for gender-responsive certification.

### Summary of Gender Sensitive certification

Answer the questions below to confirm actions taken or will be taken to ensure gender-sensitive design.

|                                                                                                                                                                                                                                                                                                      |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 17. Does your project comply with and support the host country's gender policies and national gender strategy?                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 18. Does the project involve or plan to involve measures to strengthen women's participation and empowerment in alignment with national development goals and gender principles?                                                                                                                     | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 19. Have specific measures been or will be implemented to prevent sexual harassment, gender-based violence, exploitation, and ensure women are not subject to increased work burden or time poverty in project activities?                                                                           | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 20. Have monitoring and reporting mechanisms been or will be established to track and address gender discrimination or violence, ensure equal access to project resources and benefits, and protect women's ownership and inheritance rights regardless of marital status?                           | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 21. Have measures been or will be implemented to ensure equitable participation and fair compensation through equal pay regardless of gender, accommodation of pregnancy and parental leave, and creation of conditions that enable both men and women to participate equally in project activities? | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 22. Has your project ensured, or will it ensure meaningful participation and representation of women and marginalized groups in stakeholder consultations and decision-making processes?                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 23. Have specific engagement approaches and feedback mechanisms been or will be implemented to facilitate active participation and gather input from women and marginalized groups?                                                                                                                  | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |

## SUMMARY - STAKEHOLDER CONSULTATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 24. Did you conduct the physical stakeholder consultation for stand-alone project activity or VPAs before the project start date, or, for retroactive projects, before submission for preliminary review?<br><i>Retroactive projects may combine their physical stakeholder consultation with the feedback round. The feedback round shall be completed before applying for preliminary review.</i>                                                                                                                                                                | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 25. Did the CME conduct the PoA design consultation before the time of the first submission to Gold Standard for Preliminary Review?<br><i>Applicable for PoA</i>                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input checked="" type="checkbox"/> Not applicable |
| 26. If the Stakeholder Consultation is conducted after the start date of the project (retroactive project), is the Project Developer shall provide clarification below <ol style="list-style-type: none"> <li>on why the stakeholder consultation is not conducted before the project start date, and</li> <li>conduct consultation with relevant stakeholders as early as possible, and</li> <li>provide further explanation of how comments received during the consultation were taken into account in the design and implementation of the project.</li> </ol> |                                                                                                                   |

Clarification:

Stakeholder Consultation held (21/02/2025) is before the Project Start Date (01/05/2025)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <p>27. In case a grouped stakeholder consultation for multiple VPAs was conducted, is the Project Developer aware of the following requirements:</p> <ul style="list-style-type: none"> <li>a. The VPAs correspond to the same real case VPA(s), and</li> <li>b. The VPAs are to be implemented within the same host country, and</li> <li>c. The VPAs are to be implemented within the geographical boundary, applicable to the group defined for a single consultation. The applicable geographical boundary is defined at the time of the first physical meeting of the specific grouped consultation, and</li> <li>d. The VPAs are included in the PoA within two years of the first physical meeting conducted for grouped consultation</li> </ul> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input checked="" type="checkbox"/> Not applicable |
| <p>28. Does the list of invited stakeholders cover all stakeholder groups (a) to (g) listed in section 3.3.1 (for stand-alone project activity or VPAs) or groups (a) to (e) listed in section 4.4.1 (for PoA) of <a href="#">Stakeholder Consultation and Engagement Requirements</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>29. Did the invitation methods solicit input from women and marginalised groups, including women, youth, the poor, informal sector workers, ethnic minorities, indigenous peoples, disabled or elderly people, and members of the LGBTQ community?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>30. Were the stakeholders invited at least 30 days before the physical stakeholder meeting?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>31. Did you share information in a manner (format, medium, language(s), etc.) that allows local stakeholders to understand how the project is likely to affect them?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>32. Did you discuss identified direct positive and negative impacts of the projects with stakeholders as assessed for SDG contributions and safeguarding assessment?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>33. Was a gender lens applied to assessing comments? (For example, if only men provided comments on a household device project, was this taken into consideration when assessing the relevance of the comment?)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <p>34. Were any serious, reasonable, and proportional concerns raised taken into account and satisfactorily addressed?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| <p>35. Did you provide feedback to Stakeholders on how their comments have been taken into account as part of the stakeholder feedback round?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| <p>36. Were any points that warrant mitigation measures marked as such and their monitoring plan be designed and be included in the PDD?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| <p>37. Did you discuss the potential options for continuous input and grievance mechanism with stakeholders and agree on an appropriate method?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 38. Is the mandatory Continuous Input / Grievance Expression Process Book's location clearly stated (and therefore usable)?                                                                                                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 39. Have you documented the stakeholder consultation process and outcomes in a Stakeholder Consultation Report?                                                                                                                                                                                                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 40. Is the Project Developer aware that the PDD must include a summary report of the comments received from local stakeholders?                                                                                                                                                                                                                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| 41. If indigenous communities, local landowners, local communities, or farmers are involved has the project developer discussed the mechanism/approach to explicitly discuss how carbon credit ownership rights will be transferred to the project developer?                                                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| <i>Section 4.1.25 of GS Principles and Requirements All Projects shall conduct Stakeholder Consultation and an ongoing engagement process. The Stakeholder Consultation shall be conducted in accordance with the requirements outlined in this section and Gold Standard Stakeholder Consultation &amp; Engagement Requirements. However, for preliminary review the project may submit a draft report and shall answer the question as per the status of consultation at the time of submission of project for preliminary review.</i> |                                                                                                                   |
| 42. Has the Project Developer conducted and completed a Stakeholder Consultation – both rounds in accordance with the requirements of <a href="#">Gold Standard Stakeholder Consultation &amp; Engagement Requirements</a> ?                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No                                            |
| <i>The questions from 24 to 41 act as a cross-check for question 42. If the answer to any of the questions from 24 to 41 above is "no" please specify the reason in the row below</i>                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                   |
| Question(s) number answered "No" for Section D Stakeholder Consultation Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (25, 26, 27)                                                                                                    |
| Please specify the reason                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | This is not a PoA, not applicable.                                                                                |

## Benefit Sharing Arrangement

|                                                                                                                                                                                                                    |                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 43. Does proposed activity currently have a benefit sharing mechanism in place for distributing proceeds from carbon credits revenue to project participants?<br>If NO skip rest of the questions in this section. | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| Summary of Benefit sharing <sup>6</sup> arrangement <sup>7</sup>                                                                                                                                                   |                                                                        |
| >> <i>Answer the below questions based on your project's benefit sharing arrangement, if any.</i>                                                                                                                  |                                                                        |
| 44. Does the benefit sharing mechanism include monetary benefits for project participants?                                                                                                                         | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 45. Does the benefit sharing mechanism include non-monetary benefits for project participants?                                                                                                                     | <input checked="" type="checkbox"/> Yes                                |

<sup>6</sup> Benefit Sharing - Benefit sharing refers to intentional distribution of proceeds from carbon credits revenue, whether materialized or anticipated, among legitimate project participants for their contribution to mitigation or removal of GHGs. Benefit sharing may involve transfer of monetary and non-monetary incentives.

<sup>7</sup> Benefit sharing mechanisms refer to the methods followed to share both monetary and non-monetary benefits to the project participants. This includes determining the types and proportions of the benefits allocation, and establishing the mechanism through which these benefits will be distributed.

|                                                                                                                                       |                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|                                                                                                                                       | <input type="checkbox"/> No                                            |
| 46. Has your project determined the specific types and proportions of benefits to be allocated to different participants?             | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |
| 47. Is there an established mechanism or process through which these benefits will be distributed to legitimate project participants? | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |

**Additional information (optional, maximum 500 words)**

>>Benefits from carbon credits are clearly stated in the contract between Project Owner, WanAn Community Development Association, WACDA and Project Developer, Eco-affinity Inc. WACDA will share benefits equally to all project participants based on their emission reduction contribution by reduction quantity and area.

**Compliance with Activity Requirements**

|                                                                                                                                                                                                                                            |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 48. Does the project conform to the relevant Activity ( <a href="#">CSA/RE</a> / <a href="#">LUF/Blue carbon</a> )? In case of other activities, follow the requirements specified in the GS <a href="#">Principles and Requirements</a> . | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable |
| 49. Do any specific eligibility criteria/requirements stipulated in the Activity requirements apply to the project? (See Annex A of <a href="#">CSA/RE</a> ).                                                                              | <input type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input checked="" type="checkbox"/> Not applicable |

*Reference: Section 4.1.1 of GHG Product Requirements*

**FOR GSVERS/CERS** - Typical eligible project types are Renewable Energy Supply, End-Use Energy Efficiency Improvement, Waste Handling & Disposal, Land Use and Forests (A/R and AGR), and Sustainable Urban Development (contextual requirement). You may find the detailed eligibility requirements in the applicable Activity requirements.

Also, take note of additional eligibility requirements outlined for specific technology types/measures. For example, RE projects - Hydropower · biomass resources · landfill gas and biogas from agro-processing, wastewater, and other residues · Waste Heat/Gas recovery · Fossil co-generation · Waste incineration and gasification · Waste handling and disposal are required to demonstrate compliance with the specific eligibility requirements provided in Annex – A of Renewable Energy Activity Requirements for further details.

Similarly, for technologies under Community Services Activity Refer to Annex – A of Community Services Activity Requirements for further details.

Land Use and Forests, for example, afforestation/ reforestation (LUF Activity Requirements)

**Applicability of the methodology/tool version**

|                                                                                                                                                                                                    |                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 50. Does the project or VPAs comply with all the applicability and eligibility criteria of the applied methodology/ies?                                                                            | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 51. Does the project or VPAs comply with any additional Gold Standard applicability criteria set for using the applied methodology?<br><a href="#">Refer to Impact quantification methodology.</a> | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 52. Does the project apply the latest version of the methodology and applicable tools available at the time of the first submission of this form?                                                  | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No |
| 53. Does project involve any deviation from approved methodology? If yes, please explain below                                                                                                     | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |

Details of deviation:

## Additional Information for Activities

applying Land-Use & Forests, Agriculture Blue Carbon activity requirements:

|                                                                                                                                                                                                                                  |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 54. Project Area (ha)<br>The project area is the sum of all eligible and non-eligible areas.                                                                                                                                     | 450                                                                                                                       |
| 55. Eligible Area (ha)<br>Refer to the applicable <b>Activity requirements</b> for further details.                                                                                                                              | 209                                                                                                                       |
| 56. Is the project area and eligible area unambiguously delineated??                                                                                                                                                             | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Analysis not completed |
| 57. Does the project developer/CME have evidence as per the applicable activity requirements that the proposed eligible area was not partly or entirely deforested prior to the project start date?                              | <input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br><input type="checkbox"/> Not applicable         |
| 58. How much of the project area will be identified and used to protect or enhance biological diversity following the High Conservation Value (HCV) approach? Refer to the applicable activity requirements for further details. | 0                                                                                                                         |

## RISK & CAPACITY ASSESSMENT

59. Select the applicable Gold Standard Risk & Capacity guidelines used for the assessment:

- ☒ Risks & Capacities Guidelines for Agriculture & Forestry Activities  
☐ Risk and Capacities Guidelines for Blue Carbon and Freshwater Wetlands Activities

Summary of Risks and Capacities Assessment

- Based on the initial assessment, Mark the risk subcategory that has a 'present score' of 7 or above.
- Mark "Yes" if a risk mitigation plan has been prepared to minimize the risk.

| Risk Category          | Mark if the Sub-category has a present risk score of 7 or above                                    | Is a mitigation plan in place?                                      |
|------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1. Natural Disturbance | <input type="checkbox"/> Fire damage                                                               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Wind damage                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Temperature extremes                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Water extremes                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Climate variability (Predicted long drought period)            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Climate variability (Seasonal variability of rainfall pattern) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Climate variability (Increase in extreme events)               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Climate variability (others)                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Geological extreme events                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                        | <input type="checkbox"/> Dominant Animal or plant related                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input checked="" type="checkbox"/> Pest and disease outbreaks                                     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. Political           | <input type="checkbox"/> Political interventions                                                   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input type="checkbox"/> Land acquisition                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|                        | <input type="checkbox"/> Non-regularized resettlement                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

|                       |                                                                                                                                                                     |                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|                       | <input type="checkbox"/> Exploitation of natural resources                                                                                                          | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| 3. Project Management | <input checked="" type="checkbox"/> Technical capacity (availability)                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Technical capacity (dependency)                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Financial capacity (availability)                                                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Financial capacity (dependency)                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input type="checkbox"/> Legal capacity (availability)                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
|                       | <input type="checkbox"/> Legal capacity (dependency)                                                                                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
|                       | <input checked="" type="checkbox"/> Capacity to maintain GS4GG certification (availability)                                                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Capacity to maintain GS4GG certification (dependency)                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Constraints in technical equipment                                                                                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Financial risks    | <input checked="" type="checkbox"/> Lack of secured, continued financial resources for activity implementation until the activity's cumulative break-even cash flow | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. Market risks       | <input checked="" type="checkbox"/> Lack of liquidity/financial resources due to price variations                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Risk of competing commodities                                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
|                       | <input checked="" type="checkbox"/> Risk of competing infrastructure                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. Other risk         | <i>Mention any other specific risks that adversely affect the viability of the activity</i>                                                                         |                                                                     |

60. Other comment/information:

### Technical and Operational "Other Comments"

Several data tables in the Project Design Document (PDD) include specific "Additional Comments" to clarify technical parameters:

- **Project Area Flexibility:** The total project area is subject to change during the 10-year crediting period, as new farmers may join or existing ones may leave, requiring approval for boundary updates.
- **Soil Stratification:** For soil organic carbon (SOC) monitoring, the strata are strictly divided into two layers: an **upper layer (0–20 cm)** and a **lower layer (20–50 cm)**.
- **Fluctuating Factors:** Project designers noted that **electricity emission factors** may change every year based on government data, and that **climate/weather variables** will significantly influence the results of food loss reduction and carbon sequestration.

### Stakeholder Insights and "Transformative Justice"

The audio transcript of the stakeholder consultation provides "other comments" regarding the social and economic justice of the project:

- **Land Justice:** Stakeholders discussed the concept of **"Transformative Justice"** for farmers whose land is within the Cultural Landscape zone. Because these farmers are prohibited from building or developing their land to preserve the view, participants argued they should be compensated for the **"ecosystem system services"** they provide to the public and the tourism industry.
- **Tourism Mitigation:** Local residents expressed that tourism is not purely beneficial, citing "pain points" such as the proliferation of **electric bicycles** and a negative local image caused by excessive commercialization.

- **The "Subtraction" Method:** To improve the landscape, stakeholders suggested a "subtraction" approach—removing unnecessary warning signs and utility poles that obstruct the iconic view of the rice paddies.
- **Sustainable Aging:** A unique goal mentioned in the "other comments" is to reduce the **average age of participating farmers** from 60 to 56 over the next decade, as a project that ends with 70-year-old farmers is not considered sustainable.

#### **Agronomic Innovations and Brand Protection**

Additional feedback during the meetings highlighted practical measures to enhance the Chishang brand:

- **The Feng-Cha Tree:** There is a specific effort to ensure the longevity of the famous "Feng-Cha" tree (formerly the Jin-Cheng-Wu tree) by expanding its root area and **compensating the landowner** for the resulting decrease in rice yield caused by the tree's shade.
  - **Alternative Ground Cover:** Participants suggested planting **gold needle flowers or grass jelly** on the rice field dikes (slopes). These deep-rooted plants would prevent erosion, eliminate the need for chemical herbicides, and provide a secondary source of income.
  - **Traceability and Values:** Stakeholders emphasized that the project should not just be about safe rice, but about **"eco-friendly" and "climate-smart" values** that can be quantified in corporate ESG reports to boost purchasing interest from large enterprises.
-

## Annex 1. PROJECT SPECIFIC DETAILS WITH EXAMPLES

This annex presents general guidance and non-binding best practice examples for typical project types. It is intended to guide project developers on what information should be included in the project purpose and general description section.

The examples provided may be followed to structure and present details for proposed activities. However, it should be noted that these are hypothetical examples used for illustration purposes only. The annex makes no claims regarding the accuracy of specific details presented, as these are fictional examples designed to demonstrate typical content organization and level of detail expected.

Project developers should adapt these examples to their specific context while ensuring all relevant information for their particular project type is adequately addressed.

### Afforestation Projects

*The project details should include, but are not limited to, the following elements:*

- *Land-use history and current status - Document the historical and present land usage patterns*
- *Clear land ownership and usage rights details – Confirm property rights and permissions*
- *Current forest cover and tree species description - Provide description of baseline situation of existing vegetation*
- *Tree planting and forest management plan - Outline future implementation strategy and maintenance plan*

### Example Afforestation Project: Highland Forest Restoration Initiative

#### A.1. Project Purpose and Climate Impact

The Highland Forest Restoration Initiative is an ambitious environmental project aimed at transforming 500 hectares of degraded grassland in the Eastern Highlands into a thriving, diverse native forest ecosystem. This strategic initiative will not only sequester approximately 150,000 tonnes of CO<sub>2</sub> equivalent over three decades but also plays a crucial role in restoring biodiversity and generating local employment opportunities.

#### A.2. General Project Overview

The project encompasses several key components including an extensive native tree planting program involving 75,000 trees, comprehensive soil restoration and erosion control measures, establishment of a community nursery, and implementation of a robust training and capacity building program. The technical framework has been carefully designed with tree spacing at 4x4 meters and a strategic species mix comprising 70% native hardwoods and 30% fast-growing pioneer species. We've set an ambitious minimum survival rate target of 85%, with projected average growth rates of 15-20 cubic meters per hectare annually.

#### A.3. Stakeholder Information

The project operates through a well-structured partnership model with the following key stakeholders:

- Local community cooperative (primary implementer) Regional forestry department (technical support) Environmental NGO partner (capacity building) Carbon credit buyers

The carbon revenue distribution has been strategically allocated with XX% directed to the community cooperative, while XX% each is designated for project maintenance and project expansion and monitoring.

#### **A.4. Location and Timeline**

The project is situated in the Eastern Highlands Region, characterized by elevations ranging from 1,200-1,800m above sea level, annual rainfall of 1,000-1,200mm, and sandy loam soil with moderate fertility. The implementation follows a systematic three-year planting schedule, with 200 hectares in Year 1, another 200 hectares in Year 2, and the final 100 hectares in Year 3, followed by a comprehensive 26-year maintenance and monitoring period.

#### **A.5. Project-Specific Elements**

The project area's history reveals its previous use for extensive grazing, which was abandoned over the past decade due to declining productivity. Satellite imagery verification confirms the absence of forest cover for the past 30 years. The land is under communal ownership, with clear title deeds held by the local community cooperative, and all necessary permissions and environmental impact assessments have been secured.

The current site assessment shows scattered vegetation covering only 10% of the area, dominated by native grasses and shrubs, with noticeable soil erosion in 30% of the area and no existing mature trees within the project boundary.

The forest management strategy includes:

- Monthly maintenance schedule, Fire prevention through firebreaks and community patrols, Biannual monitoring of tree growth and survival, Annual biodiversity assessments, Regular pruning and thinning from year 5, Sustainable harvesting plan starting year 15.

## Blue Carbon Activities:

*The project details should include, but are not limited to, the following elements:*

- *Land-use history and current status - Document the historical and present land usage patterns*
- *Current extent and condition assessment of mangroves/wetlands*
- *Tidal patterns and water quality parameters*
- *Sediment composition analysis*
- *Coastal ecosystem mapping and zonation*
- *Marine biodiversity assessment*

### Example Blue Carbon Project: Coastal Mangrove Restoration Initiative

#### A.1. Project Purpose and Climate Impact

The Coastal Mangrove Restoration Initiative aims to rehabilitate and protect 200 hectares of degraded mangrove ecosystems along the coastal wetlands. This strategic initiative will sequester approximately 25,000 tonnes of CO<sub>2</sub> equivalent annually while enhancing coastal resilience, supporting marine biodiversity, and creating sustainable livelihood opportunities for local communities.

#### A.2. General Project Overview

The project encompasses several key components including systematic mangrove replanting of 150,000 propagules, hydrological restoration through strategic canal blocking, establishment of community nurseries, and implementation of a comprehensive monitoring program. The technical framework has been designed with optimal spacing of 1x1 meter for seedlings and a strategic species mix comprising 60% *Avicennia marina*, 25% *Rhizophora mucronata*, and 15% *Sonneratia alba*. We've established a minimum survival rate target of 80%, with projected carbon sequestration rates of 8 tonnes CO<sub>2</sub>e per hectare annually.

#### A.3. Stakeholder Information

The project operates through a collaborative partnership model with the following key stakeholders: Coastal fishing communities (primary beneficiaries) Marine Conservation Department (technical oversight) Local Environmental NGO (implementation support) Research institutions (scientific monitoring).

The carbon revenue distribution has been structured with XX% directed to community conservation efforts, XX% for project maintenance and monitoring, and XX% for technical support and research.

#### A.4. Location and Timeline

The project is located in the Coastal Conservation Zone, characterized by a tidal range of 1.5-2.5 meters, water salinity of 20-35 ppt, and semi-diurnal tidal patterns. The implementation follows a systematic five-year restoration schedule, with 50 hectares annually for the first four years and intensive monitoring in the fifth year, followed by a comprehensive 25-year maintenance and monitoring period.

#### A.5. Project-Specific Elements

Historical analysis shows significant mangrove degradation over the past 20 years due to aquaculture development and coastal erosion. Satellite imagery verification confirms a 60% reduction in mangrove cover since 2000. The area is under state protection, with community usage rights formally recognized through a co-management agreement.

The current site assessment shows 40% degraded mangrove cover, three dominant native species present, water quality parameters within acceptable ranges, rich sediment composition suitable for mangrove growth, presence of natural regeneration in 30% of the area

The mangrove management strategy includes: Monthly monitoring during initial establishment, Community-based patrol system, Quarterly water quality assessments, Semi-annual sediment

sampling, Annual biodiversity surveys, Hydrological monitoring through automated data loggers, Sustainable resource use plan for local communities

## Agroforestry Activities:

*The project details should include, but are not limited to, the following elements:*

- *Land-use history and current status - Document the historical and present land usage patterns*
- *Description of existing crops and tree species*
- *Information on soil fertility and agricultural productivity data*
- *Land tenure and farmer agreements*
- *Integrated crop-tree management plans*
- *Water resource availability assessment*

### Example Agroforestry Project: Sustainable Coffee Shade-Growing Initiative

#### A.1. Project Purpose and Climate Impact

The Sustainable Coffee Shade-Growing Initiative aims to transform 300 hectares of conventional coffee farms into biodiverse agroforestry systems. This strategic initiative will sequester approximately 45,000 tonnes of CO<sub>2</sub> equivalent over two decades while enhancing coffee quality, generating sustainable income streams, and preserving local biodiversity through integrated farming practices.

#### A.2. General Project Overview

The project encompasses several key components including strategic integration of 30,000 native shade trees, establishment of fruit tree buffer zones, and implementation of comprehensive soil conservation measures. The technical framework has been carefully designed with shade tree spacing at 6x6 meters and coffee plants at 2x2 meters, creating an optimal three-tier vegetation structure. We've projected yield improvements of 25% within five years, complemented by diversified revenue streams from fruit and sustainable timber production.

#### A.3. Stakeholder Information

The project operates through a well-structured partnership model with the following key stakeholders:

- 150 smallholder coffee farmers (primary implementers), Regional coffee cooperative (coordination), Agricultural extension services (technical support), Fair trade certification body (market access)

The carbon revenue distribution has been strategically allocated with XX% directed to participating farmers, while XX% is designated for project maintenance and XX% for technical support and monitoring activities.

#### A.4. Location and Timeline

The project is situated in the Central Highland Coffee Region, characterized by elevations ranging from 1,000-1,500m above sea level, annual rainfall of 1,600-2,000mm, and optimal coffee-growing conditions. The implementation follows a systematic three-year conversion schedule, with 100 hectares annually, followed by a comprehensive 20-year maintenance and monitoring period.

#### A.5. Project-Specific Elements

The current site assessment shows predominant coffee monoculture (85% Arabica varieties), Soil organic matter content averaging 2.5%, Current coffee yields of 0.8 tonnes per hectare, Limited existing shade cover (15% of total area), evidence of soil erosion in sloped sections

Our integrated management strategy includes, a comprehensive quarterly farmer training program, Regular soil fertility monitoring protocols, Integrated pest management systems,

Systematic pruning schedules for all vegetation layers, Organic waste composting facilities, annual biodiversity assessment program

Detailed soil analysis confirms improved nitrogen content through nitrogen-fixing shade trees, while water retention capacity has increased by 30% in established agroforestry plots. All participating farmers have secured their land tenure through verified ownership documentation or formal long-term lease agreements.

## Agriculture Activities

*The project details should include, but are not limited to, the following elements:*

- *Land-use history and current status - Document the historical and present land usage patterns*
- *Current cropping patterns and yields*
- *Land-use history and current status - Document the historical and present land usage patterns*
- *Soil health indicators, nutrient levels and farming practices and input usage summary*
- *Irrigation infrastructure and water sources*

### Example Agriculture Project: Sustainable Rice Water Management Initiative

#### A.1. Project Purpose and Climate Impact

The Sustainable Rice Water Management Initiative aims to transform 400 hectares of conventional rice paddies into climate-smart farming systems. This strategic initiative will reduce methane emissions by approximately 30,000 tonnes of CO<sub>2</sub> equivalent annually while maintaining rice yields, improving water efficiency, and promoting sustainable farming practices.

#### A.2. General Project Overview

The project encompasses multiple key components including implementation of Alternate Wetting and Drying (AWD) irrigation technique, laser land leveling, improved variety selection, and installation of water monitoring systems. Current soil health indicators show moderate fertility with NPK levels at 120:60:40 kg/ha. The technical framework has been designed with optimized field layouts and water control structures. The project water savings of 30% while maintaining or improving current yield levels of 3.0 tonnes per hectare.

#### A.3. Stakeholder Information

The project operates through a collaborative partnership model with the following key stakeholders:

- 200 rice farmers (primary implementers, Local water user association (water management), Agricultural extension department (technical support), Research institution (monitoring and validation), Carbon credit buyers

The carbon revenue distribution has been structured with XX% directed to participating farmers, XX% for infrastructure maintenance and monitoring, and XX% for technical support and training.

#### A.4. Location and Timeline

The project is situated in the Delta Rice Basin, characterized by alluvial soils, annual rainfall of 1,200mm, supplemented by canal irrigation infrastructure with 85% distribution efficiency. and traditional rice cultivation history. Implementation follows a two-year conversion schedule, with 200 hectares annually, followed by a comprehensive 15-year monitoring period.

#### A.5. Project-Specific Elements

Current site assessment shows: Traditional continuous flooding practice, Average water use of 15,000m<sup>3</sup> per hectare Current rice yields of 3.0 tonnes per hectare, Chemical fertilizer usage: 150 kg/ha/season, Soil organic matter content of 2.8%, High methane emissions from continuous flooding

Our integrated management strategy includes:

- Smart irrigation system with soil moisture sensors, Integrated nutrient management plan, Weekly water level monitoring during cropping season, Installation of field water tubes, Regular soil moisture assessment, Capacity building for AWD implementation Yield monitoring and documentation, GHG emission measurement system, Irrigation planning

## Community Service Activities

*The project details should include, but are not limited to, the following elements:*

- *Document baseline usage patterns and consumption metrics across target community*
- *Details out the community priorities, cultural practices, and socioeconomic factors*
- *Describe existing infrastructure and develop distribution strategy aligned with local conditions*
- *Describe monitoring framework including key performance indicators, verification methods, and reporting protocols*

### Example Community Project: Clean Cookstoves Distribution Initiative

#### A.1. Project Purpose and Climate Impact

The Clean Cookstoves Distribution Initiative aims to replace traditional biomass cookstoves with energy-efficient models across 5,000 households. This initiative will reduce approximately 15,000 tonnes of CO<sub>2</sub> equivalent annually while improving indoor air quality, reducing fuel wood consumption, and demonstrating the viability of sustainable cooking technologies.

#### A.2. General Project Overview

The project involves distribution of certified clean cookstoves with minimum thermal efficiency of 35%, integrated chimney systems, and proper ventilation design. The technical framework includes installation of cookstoves with standardized testing results, user training programs, and maintenance support systems.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders: Local community organizations (primary implementers), Cookstove manufacturer (technology provider), Women's self-help groups (distribution partners), Local health department (impact monitoring), Technical training partners and Carbon credit buyers. The carbon revenue distribution has been structured with XX% directed to participating households, XX% for maintenance and monitoring, and XX% for training and support services.

#### A.4. Location and Timeline

The project is implemented across 25 rural communities, targeting households currently using traditional three-stone fires. Implementation follows a three-year distribution schedule, with continuous monitoring and support over a 10-year crediting period.

#### A.5. Project-Specific Elements

Baseline consumption analysis shows: Average daily fuelwood consumption: 5kg per household, Traditional stove efficiency: 10-15%, Indoor air pollution levels exceeding WHO guidelines by 300%, Annual fuelwood costs of \$120 per household, Current greenhouse gas emissions of 6 tonnes CO<sub>2</sub>e per household annually

Our implementation strategy includes: Regular efficiency testing of installed stoves, Participatory monitoring system, quarterly maintenance checks, User satisfaction surveys, Community-based repair workshops, Emergency support hotline, Performance verification protocols. The monitoring protocol includes regular household visits, fuel consumption tracking, and third-party verification of emission reductions.

The feasibility assessment demonstrates potential fuelwood savings of 30% per household, with associated health benefits from reduced indoor air pollution.

## Transport Activities:

*The project details should include, but are not limited to, the following elements:*

- *Document current transport patterns and emissions*
- *Include vehicle fleet details and fuel consumption*
- *Detail infrastructure improvements planned*
- *Provide modal shift projections*

### Example Transport Project: Solar-Powered Taxi Fleet Initiative

#### A.1. Project Purpose and Climate Impact

The Solar-Powered Taxi Fleet Initiative aims to replace 500 conventional diesel taxis with electric vehicles powered by solar charging stations. This initiative will reduce approximately 12,000 tonnes of CO<sub>2</sub> equivalent annually while demonstrating the viability of clean transportation solutions and improving urban air quality.

#### A.2. General Project Overview

The project implements a comprehensive electric mobility system including 500 electric vehicles (EVs), 20 solar-powered charging stations, and a smart fleet management platform. Technical specifications include EVs with 300km range, 75kWh battery capacity, and solar charging stations with 200kW capacity each, supported by battery storage systems.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders: Taxi operators association (primary beneficiaries), EV manufacturer (technology provider), Solar charging infrastructure company (implementation partner), City transportation authority (regulatory support), Local utility company (grid integration), Carbon credit buyers. Carbon credit revenue distribution includes XX% for vehicle maintenance and operations, XX% for charging infrastructure, and XX% for driver training and support programs.

#### A.4. Location and Timeline

The project is implemented across the Metropolitan Area, with strategically located charging stations. Implementation follows a three-year rollout schedule, with continuous monitoring over a 15-year crediting period.

#### A.5. Project-Specific Elements

Transport baseline analysis shows: Average daily mileage: 200 km per taxi, Current fleet fuel consumption: 15L/100km, Current operational costs: \$0.25/km, Peak charging demand: 2MW across fleet

Our implementation strategy includes: Real-time fleet monitoring system, Smart charging management, Driver training program, Regular vehicle maintenance checks, 24/7 technical support, Performance tracking and optimization, automated emissions reduction calculations. The monitoring protocol includes automated vehicle tracking, energy consumption monitoring, and third-party verification of emission reductions.

The feasibility assessment demonstrates potential operational cost savings of 30% per vehicle, with associated air quality improvements in high-traffic areas.

## Energy Efficiency Activities

*The project details should include, but are not limited to, the following elements:*

- *Document baseline energy consumption patterns*
- *Include details of proposed efficiency measures*
- *Provide equipment specifications and performance data*
- *Include energy audit results if available*
- *Detail monitoring and verification procedures*

### Example Energy Efficiency Project: Heat Pump Building Conversion Initiative

#### A.1. Project Purpose and Climate Impact

The Heat Pump Building Conversion Initiative aims to replace conventional gas and electric heating systems with energy-efficient heat pumps across 50 residential buildings. This strategic initiative will reduce approximately 55,000 tonnes of CO<sub>2</sub> equivalent annually while improving energy efficiency and reducing operational costs with the implementation of clean heating technologies.

#### A.2. General Project Overview

The project encompasses installation of air-source heat pumps with a Coefficient of Performance (COP) of 3.5 or higher, smart building controls integration, and comprehensive building envelope improvements. The technical framework includes installation of variable-speed heat pumps sized between 10-50kW depending on building requirements, with projected energy savings of 60% compared to existing heating systems.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders:

- Building owners and facility managers (primary beneficiaries), Energy service company (ESCO) (implementation partner), Local utility company (grid integration support), Building certification bodies (performance verification), Carbon credit buyers

The carbon revenue distribution has been structured with XX% directed to building owners, XX% for system maintenance and monitoring, and XX% for technical support and verification.

#### A.4. Location and Timeline

The project is implemented across the Metropolitan Business District, targeting buildings with outdated heating systems. Implementation follows a two-year conversion schedule, with 25 buildings annually, followed by a comprehensive 10-year monitoring and verification period.

#### A.5. Project-Specific Elements

Baseline energy consumption analysis shows average annual heating energy use: 250 kWh/m<sup>2</sup>  
 Current heating system efficiency: 65-75% Peak load demands of 75-180kW per building  
 Annual maintenance costs of \$8,000 per building with GHGs emissions of 60 kg CO<sub>2</sub>e/m<sup>2</sup> annually.

Our implementation strategy includes continuous energy monitoring through smart meters, Real-time performance tracking system, Quarterly maintenance inspections, Annual efficiency verification, User training program for facility managers, Emergency response protocols Regular system optimization reviews.

Energy audit results demonstrate potential energy savings of 330,000 kWh annually per building. The monitoring and verification protocol includes automated data collection through building management systems and third-party verification of energy savings.

## Renewable Energy Activities

*The project details should include, but are not limited to, the following elements:*

- *Specify technology type and capacity details*
- *Summary of resource assessment studies (solar/wind/hydro)*
- *Document grid connection arrangements*
- *Provide equipment specifications and warranties*
- *Details of expected energy generation estimates*

### Example Renewable Energy Project: Grid-Connected Solar PV with Battery Storage

#### A.1. Project Purpose and Climate Impact

The Grid-Connected Solar PV with Battery Storage project aims to install a 10MW solar photovoltaic system with 20MWh battery storage capacity. This initiative will generate approximately 16,000 MWh of clean electricity annually, reducing carbon emissions by 55,000 tonnes of CO<sub>2</sub> equivalent while providing grid stability and reliable power supply during peak demand periods.

#### A.2. General Project Overview

The project incorporates high-efficiency bifacial solar panels, smart inverter systems, and lithium-ion battery storage. Technical specifications include 25,000 solar panels rated at 400W each, advanced tracking systems, and grid-tied inverters with 98.5% efficiency. The battery system features modular 2MWh units with sophisticated energy management systems for optimal dispatch and grid services.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders:

- Local utility company (power purchase agreement), Project developer (implementation and operations), Technology suppliers (equipment and maintenance), Local municipality (land lease and permits), Grid operator (interconnection services), Carbon credit buyers
- Revenue distribution includes XX% for project operations and maintenance, XX% for community benefit programs, and XX% for grid infrastructure improvements.

#### A.4. Location and Timeline

The facility is located in the Southern Solar Belt with annual solar irradiance of 2,100 kWh/m<sup>2</sup>. Implementation follows an 18-month construction schedule, followed by a 25-year operational period with regular maintenance and performance monitoring.

#### A.5. Project-Specific Elements

Resource assessment studies confirm:

- Average daily solar radiation: 5.8 kWh/m<sup>2</sup>/day,
- Grid availability: 99.5%
- Annual energy yield: 1,600 kWh/kWp
- Performance ratio: 82%
- Battery round-trip efficiency: 90%

The operational strategy includes:

- 24/7 SCADA monitoring system
- Automated performance optimization
- Quarterly equipment maintenance
- Real-time grid integration management
- Advanced weather forecasting integration

- Emergency response protocols
- Regular efficiency verification

Grid connection arrangements include a dedicated 33kV transmission line with automated protection systems and smart grid interfaces. The battery storage system provides frequency regulation, voltage support, and peak shaving services to enhance grid stability.

## Waste Management Activities:

*The project details should include, but are not limited to, the following elements:*

- *Document current waste generation and composition*
- *Include waste collection and segregation methods*
- *Detail processing/treatment technology specifications*
- *Provide emissions reduction calculations*
- *Include operational safety and monitoring plans*

### Example Waste Management Project: Landfill Gas Capture and Electricity Generation

#### A.1. Project Purpose and Climate Impact

The Landfill Gas Capture and Electricity Generation project aims to collect and utilize methane emissions from a 50-hectare municipal landfill for power generation. This initiative will reduce approximately 75,000 tonnes of CO<sub>2</sub> equivalent annually through methane capture while generating 3MW of renewable electricity, demonstrating the viability of waste-to-energy technologies.

#### A.2. General Project Overview

The project implements a comprehensive landfill gas collection system with vertical extraction wells, horizontal collectors, and a centralized processing facility. The technical framework includes installation of 120 gas wells, advanced gas conditioning systems, and three 1MW generators with heat recovery capabilities.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders:

- Municipal waste management authority (primary operator), Local utility company (power purchase agreement), Environmental monitoring agency, Local community representatives (oversight committee) and Carbon credit buyers

Revenue distribution includes 50% for operation and maintenance, 30% for municipal waste management improvements, and 20% for community development programs.

#### A.4. Location and Timeline

The facility is located at the Central Municipal Landfill, which receives 500 tonnes of waste daily. Implementation follows a 24-month construction schedule, with gas collection beginning in phases, followed by a 15-year operational period.

#### A.5. Project-Specific Elements

Waste assessment studies confirm:

- Annual waste deposition: 180,000 tonnes,
- Average waste depth: 9 meters,
- Organic content: 55%,
- Methane concentration: 45-55%,
- Current methane emissions: 900 m<sup>3</sup>/hour

Our operational strategy includes: Continuous gas quality monitoring system, Automated wellfield control and optimization, Daily collection system inspection, Flare operation for excess

gas management, Leachate management integration, Environmental compliance monitoring and Regular safety training and emergency procedures.

The landfill gas collection efficiency is projected at 85%, with electricity generation capacity factor of 85%. The system includes automated shutdown protocols, flame arrestors, and comprehensive gas migration monitoring to ensure safe operations.

## For Carbon Dioxide Removal (CDR) Projects:

*The project details should include, but are not limited to, the following elements:*

- *Document baseline emissions and capture potential*
- *Include detailed capture technology specifications*
- *Detail storage or utilization methods*
- *Provide monitoring and verification protocols*
- *Include permanence assurance measures*
- *Document environmental impact assessments*
- *Detail emergency response and safety protocols*

### Example CDR Project: Ethanol Plant CO<sub>2</sub> Capture and Storage Initiative

#### A.1. Project Purpose and Climate Impact

The Ethanol Plant Carbon Capture and Storage (CCS) project aims to capture CO<sub>2</sub> emissions from a large-scale ethanol production facility and permanently store them in deep geological formations. This initiative will capture and store approximately 500,000 tonnes of CO<sub>2</sub> annually while demonstrating the technical and economic viability of biogenic carbon capture and permanent geological storage.

#### A.2. General Project Overview

The project implements an integrated carbon capture and storage system at a 100-million-gallon ethanol facility. Technical specifications include dehydration and compression units achieving 95% capture efficiency, a dedicated 50-kilometer steel pipeline system, and injection wells reaching secure geological storage formations at 2,500 meters depth.

#### A.3. Stakeholder Information

The project operates through a structured partnership model with the following key stakeholders: Ethanol facility operator (CO<sub>2</sub> source provider), Pipeline infrastructure company (transportation system), Geological storage operator (injection and monitoring), State geological survey (technical oversight), Environmental regulators (compliance verification)

The carbon credit revenue distribution includes xx% for capture operations, xx% for transportation and storage, and xx% for monitoring and verification activities.

#### A.4. Location and Timeline

The project facilities span from the ethanol plant in the agricultural heartland to the storage site in a characterized deep saline formation. Implementation follows a 36-month construction schedule, followed by a 30-year operational period with comprehensive monitoring.

#### A.5. Project-Specific Elements

Technical assessment confirms: Daily CO<sub>2</sub> capture: 1,400 tonnes, Pipeline capacity: 2,000 tonnes/day, Storage formation porosity: 12%, CO<sub>2</sub> stream purity: >99%, Annual injection rate: 500,000 tonnes, Storage capacity: 20+ million tonnes

Our operational strategy includes: 24/7 capture system monitoring, Real-time pipeline pressure tracking, Continuous seismic monitoring, Groundwater quality assessment, Surface deformation measurements, Automated emergency shutdown systems, Regular well integrity testing. Performance verification follows methodology requirements with independent third-party validation.

The storage system includes multiple monitoring wells, pressure management systems, and sophisticated modeling tools to ensure permanent carbon sequestration.

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## Document Information

| Version | Date       | Description                                                                                                                                                                             |
|---------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.0     | 24.04.2025 | Revisions to add updates to assessment questions, guidelines and editorial changes                                                                                                      |
| 3.0     | 12.11.2024 | Revisions to accommodate the procedural changes and the expand the fast-track process to LUF activities.                                                                                |
| 2.0     | 16.08.2022 | Changes in line with the <a href="#">Rule-Update</a> , namely;<br>1. Addition of details pertaining to pathway 1 and 2 of the preliminary review<br>2. Revision of assessment questions |
| 1.1     | 21.02.2022 | Editorial changes.<br>Reflecting the publication of the SDG Impact Tool.                                                                                                                |
| 1.0     | 08.12.2021 | Initial adoption                                                                                                                                                                        |

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