



Publication Date:
05/07/2024

Methodology:
M001

Version:
V1.1

Contact:
Ecosystem Restoration Standard
25 Rue de Frémicourt
75015 Paris, FRANCE
info@ers.org

TEMPLATE

Project Design Document

SUMMARY

This document summarises all key elements of a Project, allowing ERS and the general public with a comprehensive understanding of its needs, actions, and anticipated outcomes. The PDD and its appended documentation serve as the sole authoritative sources for Project certification. Upon publication, both the Developer and the ERS Certification acknowledge the veracity and accuracy of its content.



Table of *Contents*

Table of Contents	1
Project Design Document	5
PROJECT SUMMARY	5
THE DEVELOPER	7
Developer presentation	7
Developer Due Diligence Conclusion	7
THE PROJECT	7
Project Area	7
External Boundaries and Location	7
Rationale for choice	8
Environmental context	8
Social context	8
FPIC Legislation	8
Main drivers of disruption/destruction	9
Pictures	9
Reference Ecosystem	9
External Boundaries and Location of the Reference Site	9
Rationale for choice	9
Pre-submission Activities	9
Does the Project encompass Pre-submission activities?	9
Summary of Pre-submission activities (if applicable)	10
CARBON	11
Methodology	11
Baseline assessment	11
Leakage - Activity Shifting	11
Does the Project result in activity shifting?	12
Activity description	12
Is activity shifting resulting in leakage?	12
Justification	12



Probationary documentation	12
Displaced activity area	12
Hosting area	13
Leakage calculation	13
Carbon estimation	13
Permanence	13
Overall Reversal Risk Evaluation	13
Additionality	14
Environmental Surplus	14
Regulatory Surplus	14
Barrier Analysis	15
Double Counting	17
Double issuance (proof of verification)	17
Double issuance (proof of rejections if applicable)	17
Double claiming (if applicable)	17
Dynamic Baseline	18
Control Plots	18
Issuances	18
Total Project Units	18
Buffer Pool Contribution	18
ECOLOGICAL RECOVERY	19
Intervention Zone Baseline Assessment	19
Zonation	19
Recovery Wheel(s)	19
Summary of findings of the Community Consultation on Ecological Recovery	19
Restoration Plan	19
Restoration Plan Summary of objectives	19
Restoration Plan Summary of Interventions	20
Technologies or Practices applied for Restoration	20
Cultural and Natural Heritage (if IPLCs were identified)	20
LIVELIHOOD	21
Livelihood Baseline	21



Key Findings	21
Key and Direct Stakeholders - Stakeholder mapping	21
Free, Prior and Informed Consent (FPIC) of Indigenous People and Local Communities (IPLCs)	22
Stakeholder engagement and participation	22
Social Additionality Plan	22
Summary of Social Additionality Plan	22
Summary of Social Additionality Interventions	23
Summary of Benefit Sharing Mechanism	23
Summary of NTFPs Activities	23
RISK MANAGEMENT	24
Risk Evaluation	24
Delivery Risk evaluation:	24
ERS Requirement Risk Evaluation:	24
Risk Treatment	24
Surveillance Plan	24
Mitigation Activities	25
SAFEGUARDS	26
Declaration	26
Treatment	26
Mitigation Activities	26
MONITORING PLAN	27
1. Risks indicators	27
2. Safeguards indicators	27
3. Ecological Recovery indicators	27
4. Livelihoods indicators	28
5. Carbon indicators	28
MRV SCHEDULE	29
Appendix 1	30
Developer Due Diligence Report	30
Appendix 2	31
Additionality Sheet	31
Appendix 3	32



Risk Assessment Matrix	32
Appendix 4	33
Leakage Mitigation Declaration	33
Appendix 5	34
Leakage Mitigation Probationary Documentation	34
Appendix 6	35
Ecological Recovery Assessment	35
Appendix 7	36
Restoration Plan	36
Appendix 8	37
Livelihood Matrix	37
Appendix 9	38
Community Consultation Reports	38
Appendix 10	39
Social Additionality Plan	39
Appendix 11	40
Safeguards Declaration	40
Appendix 12	41
GHG Quantification	41
Appendix 13	42
Land Right Agreement	42
Appendix 14	43
Carbon Right Agreement	43
Appendix 15	44
Government/Art.6 Agreement	44
Appendix 16	45
Pre-submission Activities Report	45
Appendix 17	46
Public Comment Report	46



Project Design *Document*

PROJECT SUMMARY

Project name	
Project ID	
Project registry link	
Location and coordinates (country, state, city) (geographic coordinates)	
Project Developer	
Project Area (ha)	
Ecosystem type	According to IUCN classification
Project Justification and Overall Objectives (100 words max)	
Government authorisation (if applicable)	Authorisation number or name of the official entity/organism issuing it.



IPLCs identified	<input type="checkbox"/> Yes <input type="checkbox"/> No
Land tenure	Land tenure type (e.g. private property, customary rights, government land)
Carbon rights	
Project's Carbon contribution (tradable tons)	
Project duration (start and end dates)	
SDG contribution	
Total budget	
Date of Document Publication	
Responsible VVB	
Validation or Verification date	
Responsible ERS Certification Agent	



THE DEVELOPER

Developer presentation

Name, type of organisation, location of incorporation/registration, number of years operating, main geographic areas of operations, main field of expertise.

Quantity, location and type of project(s) operated previously, and resulting carbon credits (if any).

Team composition (professions, implication in the project).

Any other relevant information to communicate who the Developer is and their capacity to run the Project.

Developer Due Diligence Conclusion

** Refer to [Appendix I - Due Diligence Report](#), in the Appendix section, for the detailed Developer Due Diligence.*

TO BE FILLED BY ERS

THE PROJECT

Project Area

External Boundaries and Location

Map-image indicating the Project's boundaries.

Add geographic coordinates.

- Project shapefile can be accessed at the URL (link to be filed by ERS).

**Rationale for choice**

Extended justification of the selection and relevance to restore the Project area and ecosystem.

Environmental context

Host country and restoration-zone specific environmental legislation, environmental, economic relevance, and environmental political scenario.

Social context

Host country and restoration-zone specific social context and legislations that might impact the Project.

FPIC Legislation

- FPIC does not apply to the Project (no IPLCs identified).
- FPIC applies to the Project.
 - Jurisdiction-specific legislation or agreement applies.
 - Jurisdiction has no applicable FPIC legislation or agreement.

Citation of all applicable legislation and/or agreement and how the Project complies with them.



Main drivers of disruption/destruction

Description of all identified drivers for disruption/destruction in the Project area.

Pictures

Pictures that help the PDD reader understand the Project Area and context.

Reference Ecosystem

External Boundaries and Location of the Reference Site

Map-image indicating the Reference Site's boundaries.
Add geographic coordinates.

Rationale for choice

Extended justification of the selection, description of site access, tenure, and conservation state.

Pre-submission Activities

Does the Project encompass Pre-submission activities?

- Yes
- No



Summary of Pre-submission activities (if applicable)

Summary of interventions carried out, including date, location, expected outcomes, total area restored, number of trees planted, and Stakeholders involved.



CARBON

Methodology

* Refer to Appendix 12 - GHG Quantification, in the Appendix section, for the detailed GHG Quantification Methodology and calculation.

Baseline assessment

- Project Area baseline (excluding Pre-submission activities if applicable)

ERS to add land cover satellite imagery separating woody and non-woody mask and woody AGB.

- Pre-submission activities baseline (if applicable)

ERS to add land cover satellite imagery showing woody AGB before the Pre-submission Activities started.

- Pre-submission activities at Certification (if applicable)

ERS to add land cover satellite imagery showing woody AGB at the moment of the Project's certification.

- Reference site

ERS to add land cover satellite imagery showing woody AGB.

Leakage - Activity Shifting

* Refer to Appendix 4 - Leakage Mitigation Declaration, in the Appendix section, for the detailed Leakage Declaration.

**Does the Project result in activity shifting?**

- Yes
 - During Pre-submission Activities
 - During the Project after certification
- No

Activity description

Description of the activity that will be or was already displaced/shifted, including its nature, annual production in USD, size in ha, and if it is part of the Pre-submission activities or not (when applicable).

Is activity shifting resulting in leakage?

- Yes
- No

Justification

Explanation of why the activity is not shifting because of the Project and/or does not result in leakage.

Probationary documentation

Only if shifting is not identified and/or does not result in leakage.
List of documents proving the activity is not shifted and/or not displaced because of the Project.

Displaced activity area

Map-image indicating the current boundaries of the displaced activity's area.
Add geographic coordinates.



Hosting area

Map-image indicating the boundaries of the area that will host the displaced activity.
Add geographic coordinates.

Leakage calculation

TO BE FILLED BY ERS

Carbon estimation

- Detailed calculation

ERS to add the final equations leading to the final carbon sequestration potential estimation.

Permanence

Overall Reversal Risk Evaluation

Report only identified risks.

* Refer to Appendix 3 - Risk Assessment Matrix, in the Appendix section, for the detailed Risk Assessment.

	Likelihood	Severity	Treatment: Surveillance and Mitigation Plan	Indicator(s)
Risk n°				
Risk n°				



Risk n°				
Risk n°				

Additionality

* Refer to [Appendix 2 - Additionality Sheet](#), in the Appendix section, for the detailed Additionality.

Environmental Surplus

	Evidence proving that the Project is not creating perverse incentives
Land cover change over the last ten years	<p>Description of the Project's area deforestation drivers, what anthropogenic activities in the last ten years led to the current land cover, and, most importantly, explain how these changes were not done purposefully to obtain benefits from the VCM.</p> <p>This section can include:</p> <ul style="list-style-type: none">-Sectoral studies, surveys, and research from reputable sources.-Data from national and international statistics.-Written documentation of expert judgments from relevant government/non-government bodies, educational institutions, and professional associations.

Regulatory Surplus

Evidence proving that the Project area is not under a legal obligation to be restored.



<p>Applicable Legislation and Regulations</p>	<p>Description of applicable laws, regulations, and environmental management norms in the jurisdiction.</p> <p>ERS encourages the inclusion of written descriptions of expert judgments.</p>
<p>Is the Project area subject to an “Obligation to restore”?</p> <p>If YES, explain how this obligation is not enforced.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Content should include:</p> <ul style="list-style-type: none"> - Sectoral studies, surveys, and research from reputable sources. - Data from national and international statistics. - Written documentation of expert judgments. <p>! Please note that for high-income countries, ‘non-enforcement’ can’t be used as a justification.</p>

Barrier Analysis

Identified barriers preventing the desired project activities and demonstrated how they can be overcome through carbon finance.

	<p>Financial Barriers</p> <p>Lack of funding, high upfront costs, or difficulty accessing finance can stall or prevent a Project from getting started.</p>
<p>Identified Barrier(s)</p>	
<p>Verifiable evidence of barrier(s)</p>	
<p>Verifiable evidence of carbon credit necessity</p>	

**Technical Barriers**

Challenges related to technology, methodology, expertise, site-specific conditions, and other technical aspects of the project. It can involve anything from a lack of necessary equipment to difficulties in measuring carbon sequestration.

Identified Barrier(s)	
Verifiable evidence of barrier(s)	
Verifiable evidence of carbon credit necessity	

Cultural and Social Barriers

Challenges in the collective movement of local communities towards establishing, maintaining and monitoring restoration projects due to, for example, lack of information, threats to the safety of community members, existing social structures and norms.

Identified Barrier(s)	
Verifiable evidence of barrier(s)	
Verifiable evidence of carbon credit necessity	

**Regulatory and Institutional Barriers**

Limitations within the regulatory framework and its relevant institution include limited staff capacity, lack of necessary skills, local regulations, complex permitting processes, ineffective bureaucratic processes or challenges in meeting specific compliance standards.

Identified Barrier(s)	
Verifiable evidence of barrier(s)	
Verifiable evidence of carbon credit necessity	

Double Counting**Double issuance (proof of verification)**

TO BE FILLED BY ERS
List of all consulted registries.

Double issuance (proof of rejections if applicable)**Double claiming (if applicable)**



Dynamic Baseline

- Control Plots

To be filled by ERS: Satellite image with coordinates allowing to locate all the control plots used for dynamic baseline.

Issuances

- Total Project Units

PRUs:

VRUs at certification (if applicable):

- Buffer Pool Contribution

Total Restoration Units the Project will contribute to the Buffer Pool.

PRUs:

VRUs at certification (if applicable):

- Project's tradeable PRUs

ERS to add the PRUs of the project.

- Pre-submission activities tradeable VRUs (if applicable)

ERS to add the VRUs of the Pre-submission activities.



ECOLOGICAL RECOVERY

Intervention Zone Baseline Assessment

** Refer to [Appendix 6](#) - Ecological Recovery Assessment, in the Appendix section, for the detailed Baseline Assessment.*

Zonation

Map-image indicating the boundaries of the area that will host the restoration activities.
Add geographic coordinates.

Recovery Wheel(s)

Image of the Intervention Zone(s) Recovery Wheel(s).

Summary of findings of the Community Consultation on Ecological Recovery

Summary of findings as in the Ecological Recovery Assessment.

Restoration Plan

** Refer to [Appendix 7](#) - Restoration Plan, in the Appendix section, for the detailed Restoration Plan.*

Restoration Plan Summary of objectives

Summary of objectives as in the Restoration Plan.



Restoration Plan Summary of Interventions

Summary of interventions as in the Restoration Plan.

Technologies or Practices applied for Restoration

Leading technologies and/or practices used to restore the site.

Cultural and Natural Heritage (if IPLCs were identified)

How the restoration plan integrate or follow IPLCs protocols/rules/plans on the management of the cultural and natural heritage of the site



LIVELIHOOD

Livelihood Baseline

Key Findings

* Refer to [Appendix 8](#) - Livelihood Matrix, in the Appendix section, for the detailed Livelihood Baseline.

Description of the Stakeholder's livelihood state at the beginning of the Project.

Must include a description for all dimensions in Livelihoods, Cultural Heritage & Governance, and Employment & Fair Wages.

Key and Direct Stakeholders - Stakeholder mapping

* Refer to [Appendix 8](#) - Livelihood Matrix, in the Appendix section, for the detailed Stakeholder mapping.

Organisation or Group(s) Name	Relevance to the Project	Representative	Recognised as Local Community or Indigenous People (Y/N)	Right holder (Y/N)
Enter the Organisation or group of Stakeholders' names, if applicable.	Enter their relevance to the Project (live in/near the area, hold the carbon credit rights, etc.)	Enter the Stakeholder representative(s) and their contact details.		



Free, Prior and Informed Consent (FPIC) of Indigenous People and Local Communities (IPLCs)

** Refer to [Appendix 9](#) - Community Consultation Reports, in the Appendix section, for the detailed application of the FPIC process.*

- The project **did not identify** IPLCs amongst its Stakeholders.

Enter the justification of why no IPLCs were identified amongst the Project's Stakeholders. Detail the efforts put in place to identify them and the social and geographical conditions that grant the Project this characteristic.

- The Project **identified** IPLCs amongst its Stakeholders

Describe how FPIC was followed (format of the meeting, location, date, attendees), any requirements for the consent to be granted, and add proof of the meeting in Appendix 9 - Community Consultation Reports, in the Appendix section, for the detailed FPIC application.

Stakeholder engagement and participation

Description of how Stakeholders were involved in the Project's ideation, in the conception of the Social Additionality and Restoration plans.

Social Additionality Plan

** Refer to [Appendix 10](#) - Social Additionality Plan, in the Appendix section, for the detailed Social Additionality Plan.*

Summary of Social Additionality Plan

Insert the summary as it is in the Social Additionality Plan.



Summary of Social Additionality Interventions

Insert the summary as it is in the Social Additionality Plan.

Summary of Benefit Sharing Mechanism

No Benefit Sharing Mechanism is in place.

Insert the summary of the benefit-sharing mechanism described in the Social Additionality Plan. The summary must include how arrangements are appropriate to the context and comply with applicable laws and regulations, how the FPIC process was respected, ensuring co-creation was done in a form, manner, and language understandable to communities, and list the impacted Stakeholders.

Arrangement	Concerned stakeholders	Dispersal schedule
e.g.: Direct payment	e.g., Indigenous village 1	e.g., 2nd month of Project

Summary of NTFPs Activities

No NTFPs activities are in place.

Insert the summary of the NTFPs interventions described in the Social Additionality Plan. The summary must include harvesting plans appropriate to the context and comply with applicable laws and regulations.



RISK MANAGEMENT

Risk Evaluation

Delivery Risk evaluation:

Score

ERS Requirement Risk Evaluation:

Score

Risk Treatment

Surveillance Plan

Report only identified risks.

** Refer to the [Appendix 3](#) - Risk Assessment Matrix, in the Appendix section, for the detailed Risk Assessment*

	Likelihood	Severity	Surveillance Plan	Indicator(s)
Risk n°				
Risk n°				
Risk n°				
Risk n°				



Mitigation Activities

Report only identified risks.

** Refer to the Appendix 3 - Risk Assessment Matrix, in the Appendix section, for the detailed Risk Assessment*

	Likelihood	Severity	Mitigation Plan	Indicator(s)
Risk n°				
Risk n°				
Risk n°				
Risk n°				



SAFEGUARDS

Declaration

** Refer to Appendix 11 - Safeguards Declaration, in the Appendix section, for the detailed Safeguards.*

I, (name of the developer), in the condition of the main Developer of the Project (name of the Project), hereby declare all information provided above to be true. I understand that any false statement will incur in the annulment of my ERS certification procedure.

Done on xx/xx/xxxx, at (name of the city)

Treatment

Mitigation Activities

Report only non-compliant Safeguards.

** Refer to Appendix 11 - Safeguards Declaration, in the Appendix section, for the detailed Safeguards.*

Category	Negative Impact Description	Proposed Mitigation	Indicators
E.1 ▾			
E.1 ▾			



MONITORING PLAN

1. Risks indicators

Indicator	Description	Methods of collection of information
		Describe the methodology that will be used to monitor the indicator.

2. Safeguards indicators

Indicator	Description	Methods of collection of information
		Describe the methodology that will be used to monitor the indicator.

3. Ecological Recovery indicators

Indicator	Description	Related SDG(s) (if applicable)	Methods of collection of information
-----------	-------------	--------------------------------	--------------------------------------



			Describe the methodology that will be used to monitor the indicator.

4. Livelihoods indicators

Indicator	Description	Related SDG(s) (if applicable)	Methods of collection of information
			Describe the methodology that will be used to monitor the indicator.

5. Carbon indicators

Data/Parameter	
Data unit	
Description	
Equations	
Source of the data	
Measurement methods and procedures	
Monitoring frequency	



QA/QC procedures

MRV SCHEDULE

Expected Date	MRV Activity



Appendix 1

Developer Due Diligence Report



Appendix 2

Additionality Sheet



Appendix 3

Risk Assessment Matrix



Appendix 4

Leakage Mitigation Declaration



Appendix 5

Leakage Mitigation Probationary Documentation



Appendix 6

Ecological Recovery Assessment



Appendix 7

Restoration Plan



Appendix 8

Livelihood Matrix



Appendix 9

Community Consultation Reports



Appendix 10

Social Additionality Plan



Appendix 11

Safeguards Declaration



Appendix 12

GHG Quantification



Appendix 13

Land Right Agreement



Appendix 14

Carbon Right Agreement



Appendix 15

Government/Art.6 Agreement



Appendix 16

Pre-submission Activities Report



Appendix 17

Public Comment Report



Ecosystem Restoration Standard

info@ers.org | www.ers.org