

# **Contents**

## Introduction 3

Eligibility 4

Stakeholder engagement	6
Project design	
Additionality	
Benefit sharing mechanism	
Agroforestry design	
Business case	
Theory of change	
Baselines 9	
Baseline scenario	9
Carbon baseline	
Livelihood baseline	IV
Ecosystem baseline	
Risk management	11
Environmental and social safeguards	11
Carbon reversal risks	
Durability 12	
Buffer pool	12
Leakage 12	
Double counting	12
Registration	
Monitoring and reporting	13
Monitoring	13
Reporting 13	
Validation and verification	12

## Introduction

Acorn – Agroforestry CRUs for the Organic Restoration of Nature – is an *agroforestry* program developed by Rabobank *Acorn* to unlock the international voluntary carbon market for *Smallholder Farmers* in the global south who transition to more sustainable agricultural land management practices. Acorn's mission is to combat climate change, land degradation and food insecurity with this inclusive *agroforestry* solution where competing land use demands are balanced in a way that positively impacts food security, local livelihoods, the ecosystem and climate change. The trade of *Carbon Removal Units* (CRUs) is based on already realized carbon sequestration (i.e. ex-post) rather than sequestration that is expected to occur in the future (i.e. ex-ante credits).

The "Acorn Framework for Voluntary, Ex-Post, Agroforestry Carbon Removal Units", hereafter referred to as the Framework, articulates Acorn's robust requirements for projects that enable a scalable and accessible approach to carbon certification. These requirements were developed to ensure all *Carbon Removal Units* issued are of high quality and integrity. Before *Acorn projects* can generate *Carbon Removal Units*, *Local Partners* must first demonstrate that they conform with the requirements outlined in this framework by completing the *Acorn Design Document* (ADD).

In the Framework, the following terminology is used to assess compliance.

- "Must" indicates a strict requirement that needs to be followed to conform to the Framework.
- "Should" indicates a certain course of action that is preferred but not strictly required.

This Framework focuses purely on project requirements and is in alignment with the *Plan Vivo Standard version 5.0*. The following complementary documents can be found on our website <u>acorn.rabobank.com</u>.

- Acorn Methodology: The "Methodology for Quantifying Carbon Benefits from Small-Scale Agroforestry", hereafter referred to as the Acorn Methodology, presents the procedures, models, and calculations that the Acorn program applies to quantify its carbon benefits.
- **Acorn Glossary:** Italicized words in this Acorn Framework document refer to formal terms in the Acorn program and are defined in the Definition section of the Acorn Glossary.

# **Eligibility**

### Location

- 1. Acorn projects must be located within defined ecoregion(s) and must not be located on wetlands.
- 2. Acorn projects should not be located in countries with formal legislative carbon restrictions or other legal restrictions that prevent the sales of Carbon Removal Units generated on smallholder land from agroforestry activities unless an exemption is authorized by the government in writing.

### **Standard Acorn program agreements**

- 3. Local Partners must sign a formal Partnership Agreement with Acorn.
- 4. Local Partners must ensure Participants sign a Participant Agreement and a Consent Form, in a manner consistent with Free, Prior, and Informed Consent, before Participants start or extend their participation in an Acorn project, and that Participants are provided with a copy of or access to these. In case Local Partners work with one or more Sub-Contracting Partners and consequently do not contract directly with the Participants, the Sub-Contracting Partner must ensure all Participants sign a Participant Agreement and a Consent Form as described in the first sentence of this paragraph and Local Partners are responsible for ensuring that the Sub-Contracting Partner fulfills this obligation. Copies of signed Participant Agreements and Consent Form must be available to Acorn and to Participants upon request.
- 5. Local Partners must ensure and be able to adequately demonstrate that Participants have appropriate land tenure to implement the Acorn project intervention on their land and benefit from Carbon Removal Unit sales. Land tenure documentation must be available upon request either in the form of formal titling, informal agreements, or land maps.

#### **Conditions**

- 6. Local Partners must successfully complete the Customer Due Diligence conducted by Rabobank.
- 7. Local Partners, with support of Acorn, must demonstrate that project areas have not been deforested within 5 years prior to the Acorn project period, following the procedures outlined in the Acorn Methodology.
- 8. Local Partners, with support of Acorn, must only involve Participants who carry out agricultural land management activities on a small area of land (0.1 10 ha) OR Participants with larger areas who are not structurally dependent on hired labor all year round.
- 9. Local Partners must ensure that Acorn project intervention(s) do not harm local communities, or at least do not result in long-term negative impacts.

### Capacity

- 10. Local Partners must be legal entities with the capacity to manage and coordinate the onthe-ground practices of an Acorn project and bear responsibility for adhering to the Acorn Framework throughout the Acorn Project Period.
- 11. Local Partners should support, and Participants must adopt, Acorn project intervention(s) on their land as to provide a durable increase in carbon storage, long-term livelihood

- benefit(s) and enhanced ecosystem functioning throughout the *Crediting Period*, or at least in a manner that does not result in long-term negative impacts.
- 12. Local Partners must have the capacity and resources to facilitate data collection activities, reporting, monitoring, and verification activities, or have the ability to outsource these activities.
- 13. Local Partners must have the capacity to store project information in a manner that is accessible upon request and is in accordance with GDPR or similar national privacy regulations, such as transaction data, project council meeting evidence, and grievances reported.
- 14. Local Partners must provide knowledge and develop Participants skills for implementing and managing the Acorn project intervention throughout the Crediting Period.
- 15. Local Partners, with support of Acorn, should be aware of local, national, and international laws and regulations, and that apply to them respectively, and Local Partners must align Acorn projects to comply accordingly. Local Partners, with support of Acorn, must inform authorities responsible for land management and/or greenhouse gas emissions about the Acorn projects, and should seek written approval where necessary or useful (e.g. letter of no objection).
- 16. Local Partners should provide information in a culturally appropriate way, in a timely manner, and in an applicable language and/or format that suits all Participants and should avoid discrimination against illiterate groups.
- 17. Local Partners must ensure, each time new Participants are onboarded, that Participants are eligible and are not excluded based on gender, age, social status, ethnicity, religion, sexuality, or any other discriminatory basis, and should onboard Participants in chronological order of registration while considering logistical constraints. If in the onboarding process tension is identified within or between communities, Local Partners should take mitigating actions.

# Stakeholder engagement

### Stakeholder engagement strategy

- 18. Local Partners, together with Participants and influential community member(s), must perform a stakeholder analysis to identify Local Stakeholders, Secondary Stakeholders, and disadvantaged groups in the project region likely to be affected by or have a stake in the project to complete the Acorn Design Document during the Design Period. This stakeholder analysis must be updated every 5 years and shared with Acorn.
- 19. Local Partners must have a strategy for engaging with and informing stakeholders identified during the *stakeholder analysis* of the *Acorn project*, which is commensurate with the scale and risk of the project, is in accordance with *Free, Prior, and Informed Consent*, and uses communication measures appropriate for *disadvantaged groups*.
- 20. Local Partners must ensure Participants are fully informed, in a culturally appropriate manner, in accordance with Free, Prior, and Informed Consent (e.g. a community meeting), on what the Acorn project intervention entails, land management practices, identified risks, expected benefits, possible negative impacts, and obligations and rights, during the Design Period.
- 21. Local Partners must ensure that Acorn projects, in accordance with Free, Prior, and Informed Consent, enable Local Stakeholders with (historical) rights to land or resources in the project area(s) to contribute to the project design, implementation, and monitoring.

### **Project council**

- 22. Local Partners must have a fair and transparent plan for establishing a project council governance structure and decision-making process in accordance with local laws and/or consistent local practice ('customary law') during the Design Period to complete the Acorn Design Document.
- 23. Local Partners should support Participants in electing members to project council(s) who represent Participants including disadvantaged groups, identified during the stakeholder analysis. In addition, Local Partners should support Local Stakeholders identified during the stakeholder analysis, including Community Representatives who represent community members and Indigenous groups, to participate in the Project council. There must be sufficient project councils and Farmer Representatives and Community Representatives that have the capacity and willingness to represent the best interests of their constituents and keep them informed of project updates and outcomes of council meetings, in a timely manner.
- 24. Local Partners must organize project council meetings at least twice a year throughout the Crediting Period and evidence must be provided to Acorn. If multiple councils exist under the project governance structure, each council must hold at least 2 meetings each year.
- 25. Local Partners should encourage, during project council meetings, all council members to actively contribute to discussions (i.e. provide feedback) and decision-making on topics such as the Benefit Sharing Mechanism, Agroforestry Design, Grievance Mechanism, trends in livelihood conditions and ecological conditions, and project monitoring.
- 26. Local Partners must draw up project council reports after each council meeting, share these with Acorn within 35 business days, and ensure they are accessible to Local Stakeholders.

#### **Grievance mechanism**

- 27. Local Partners must have a culturally appropriate Grievance Mechanism that is communicated to Participants and Local Stakeholders, and is detailed in their Acorn Design Document. The Grievance Mechanism should be developed in accordance with Free, Prior, and Informed Consent, where all grievances resulting directly or indirectly from Acorn project intervention(s) and/or non-conformities can be reported at any time (anonymously and/or confidentially if possible) and dealt with in a transparent, fair and timely manner.
- 28. Local Partners must have a chain of escalation in place for resolving grievances that cannot be settled by the affected parties or during *project council* meetings. This chain of escalation should include a direct line for *Participants* to contact Acorn.
- 29. Local Partners where possible, should identify an independent negotiator who will be responsible for mediating resolution of any grievances that cannot otherwise be reconciled by the affected parties.
- 30. Local Partners must report grievances to Acorn within 35 business days after they are received.
- 31. Local Partners must provide a summary of grievances, how they were handled, and details of outstanding grievances to Acorn at least once a year in the Annual Report, throughout the Crediting Period.

### **Outsourcing parties and sub-contracting partners**

- 32. If any activities or responsibilities of the *Local Partner* are carried out by an *Outsourcing Party* or if a *Sub-Contracting Partner* is involved, the *Local Partner* must describe the division of responsibilities between the *Local Partner* and *Outsourcing Party* and/or *Sub-Contracting Partner* respectively in the *Acorn design document*.
- 33. If a Local Partner wants to work with a Sub-Contracting Partner, they must obtain prior written approval from Acorn. Before any activities are performed by the Sub-Contracting Partner, the Local Partner must have a signed written Sub-Contracting Partnership Agreement with the Sub-Contracting Partner. The Sub-Contracting Partnership Agreement must be reviewed and approved by Acorn prior to signing; if a Local Partner works with an Outsourcing Party, it must have a signed agreement in place. If farmer payout activities are outsourced to an Outsourcing Party, such outsourcing must comply with guidance provided by Acorn to the Local Partner.

# Project design

## **Additionality**

- 34. Acorn project interventions must not have been feasible for Participants to implement successfully in the absence of the relevant Acorn project. Local Partners must demonstrate additionality during the Design Period, and reassess additionality at least every 10 years or whenever a Crediting Period is extended, by describing the barrier(s) that prevent Participants from implementing the project intervention(s) long-term and/or at scale.
- 35. Acorn project interventions must not be mandatory by any law or regulation, or if mandatory, Local Partners must demonstrate that these laws and regulations are systematically not enforced.
- 36. Local Partners must ensure that the past planting intervention, if any, occurred only within 5 years prior to the start of the Acorn project period for Carbon Removal Units to be retroactively generated.

## Benefit sharing mechanism

- 37. Local Partners, together with Farmer Representatives, must collectively develop a Benefit Sharing Mechanism that sufficiently safeguards the interest of the Participants and is approved by Acorn, to complete the Acorn Design Document.
- 38. Local Partners must specify, in the Benefit Sharing Mechanism how and when benefits to Participants will be received by Participants and/or their communities with details of estimated proportions allocated to monetary payments and/or in-kind provisions.
- 39. *Local Partners* must not withhold more than 15% of proceeds from *Carbon Removal Unit* sales for their use as consideration for their activities under the *Acorn Projects*.
- 40. Local Partners should, where possible, work directly with a regulated and trustworthy third party to distribute monetary payments from the Carbon Removal Unit proceeds to Participants.
- 41. Local Partners or applicable third parties, must pay the Participants and/or their communities (or procure the payment to the Participants and/or their communities of) 70% or more of the proceeds from all Carbon Removal Unit sales at least once a year, either as monetary payments and/or in-kind provisions as outlined in the Benefit Sharing Mechanism, and provide Acorn with evidence of benefit distribution (both monetary payments and in-kind provisions) within 30 days after payout.
- 42. Local Partners must have an accounting system in place with which they can track and substantiate how money that has been received from Carbon Removal Unit sales will be allocated to Participants, the Local Partner, and other parties such as Outsourcing Parties and/or governments and share this with Acorn.
- 43. Local Partners must undertake a financial audit by an independent financial auditor, certified by a nationally recognized regulatory body, at least every 5 years throughout the Crediting Period and share this with Acorn.

## Agroforestry design

- 44. Local Partners must collectively develop an Agroforestry Design with Local Stakeholders and experts, using the Acorn Agroforestry Design template, during the Design Period to complete the Acorn Design Document. Local Partners must distribute the finalized Agroforestry Designs to Participants and support them to follow the design(s) in a way that is suitable for their farm.
- 45. Local Partners should have Agroforestry Design(s), outlining all activities and inputs required to carry out the agroforestry intervention, that are consistent with the Theory of Change and Business Case, are updated with project changes and scaling, and are accessible to Local Stakeholders. If project activities differ substantially across the project, multiple Agroforestry Designs should be created.

### Business case

- 46. Local Partners, with support of Acorn, must develop a Business Case, during the Design Period, that includes realistic estimations of the costs for Participants and Local Partners for designing, implementing, monitoring and reporting on the Acorn project and the expected Carbon Removal Unit proceeds, to complete the Acorn Design Document.
- 47. Acorn, with support of Local Partners, must estimate the expected change in applicable carbon pools as a result of the Acorn project intervention.
- 48. Local Partners should have (a) Business Case(s) that are consistent with the Benefit Sharing Mechanism, Theory of Change, and Agroforestry Design and are updated to reflect changes to the project and scaling. If project activities differ substantially across the project, multiple Business Cases should be created.

## Theory of change

- 49. Local Partners, with Local Stakeholders, must collectively develop a Theory of Change that considers the duration of the Crediting Period, during the Design Period to complete the Acorn Design Document. The duration of Crediting Period can be 15 to 50 years. Crediting Period less than 50 years can be extended to cover a total period of up to 50 years.
- 50. Local Partners must describe the livelihood benefits and ecosystem benefits that are expected to result from the Acorn project intervention, and if the agroforestry trees are to be harvested, justify the incentive to replant these trees for the long-term maintenance of the system.

# **Baselines**

### Baseline scenario

- 51. Local Partners, with support of Acorn, must describe the most likely land use and management practices in the project region, over a period of at least 10 years, in the absence of the Acorn project intervention.
- 52. Local Partners, with support of Acorn, must identify and describe any past or ongoing disputes related to land and/or resources in the *project region*, with details on how they were or will be mitigated.

### Carbon baseline

- 53. *Local Partners,* with support of Acorn, must describe the current land use and management practices in the *project region*, as required by the *mandatory indicators*.
- 54. Local Partners, with support of Acorn, must describe how the *carbon pools* in the *project region* are most likely to change over a period of at least 10 years in the absence of the *Acorn project intervention*.
- 55. Acorn, with support of *Local Partners*, must measure carbon removals following the procedure outlined in the Acorn Methodology.
- 56. Acorn, with support of *Local Partners*, must estimate and adjust for *pre-existing biomass* and *uncertainty* of biomass measurements, following the procedures outlined in the Acorn Methodology, to complete the *Acorn Design Document*, and each time the project scales to a new *ecoregion*.

### Livelihood baseline

- 57. Local Partners, with support of Acorn, must describe the current livelihood conditions within the project area, as required by the mandatory indicators and additional indicators, and reassess these at least every 10 years or whenever a Crediting Period is extended.
- 58. Local Partners, with support of Acorn, must describe how the *livelihood conditions* in the *project region* are most likely to change over a period of at least 10 years in the absence of the *Acorn project intervention*.

## Ecosystem baseline

- 59. Local Partners, with support of Acorn, must describe the current ecological conditions within the project area, as required per the mandatory indicators, and reassess these at least every 10 years or whenever a Crediting Period is extended.
- 60. Local Partners, with support of Acorn, must describe how the ecological conditions in the project region are most likely to change over a period of at least 10 years, in the absence of the Acorn project intervention.

# Risk management

### Environmental and social safeguards

- 61. Local Partners must undertake a risk assessment, that considers the duration of the Crediting Period, to identify potential negative environmental and social risks and impacts resulting from the Acorn project intervention, and risks of carbon reversal, to complete the Acorn Design Document.
- 62. Local Partners must reassess and report on potential environmental, social and carbon reversal risks and impacts in the project region, at least every 5 years and when additional high risks and negative impacts arise, throughout the Crediting Period. Appropriate mitigation actions must be described in the Acorn Design Document for identified risks and negative impacts.
- 63. Local Partners must undertake adequate compensation measures, to replace lost assets or access to assets, where Local Stakeholders are negatively affected by the Acorn project intervention(s) or where negative impacts cannot be fully mitigated. All losses must be considered legitimate for compensation by Local Partners, including those based on customary and non-legal tenure and resource-use regimes.
- 64. Local partners must ensure that the Acorn project intervention does not involve any activities outlined in Acorn's Exclusion List.
- 65. Local Partners must conform to national and, where applicable, international laws on labor and working conditions and human rights (including laws on forced labor and child labor).
- 66. Local Partners should have a procedure in place to provide equal opportunities to fill project employment positions with local people and members of *disadvantaged groups*, where possible, and must not discriminate based on gender, age, social status, ethnicity, religion, or any other basis.
- 67. Local Partners and Participants should plant tree species that are native species or naturalized species, and draw on local and expert knowledge for Agroforestry Designs. Naturalized species will only be integrated into the design if:
  - a. There are *livelihood benefits* that make the use of the species preferable to any alternative *native species*.
  - b. The use of the species will not have a negative impact on *biodiversity* or other provision of key ecosystem services in the *project region*.

### Carbon reversal risks

- 68. Local Partners must identify carbon reversal risks resulting from the Acorn project intervention to complete the Acorn Design Document.
- 69. Local Partners must reassess and report on potential carbon reversal risks in the Acorn Design Document every 5 years throughout the Crediting Period, and implement appropriate mitigation actions accordingly if risks are identified.
- 70. Local Partners and Participants must support replanting, allow for regeneration or train Participants on the required practices after tree harvest per the defined Agroforestry Design to support long-term maintenance (50 years) of the agroforestry system for Acorn project interventions.

## **Durability**

- 71. Acorn Carbon Removal Units must come with a durability of 25 years.
- 72. Acorn *Carbon Removal Units* must be monitored by Acorn at least once every 5 years during the *Durability Period*. If an unexpected negative biomass measurement occurs in the *Durability Period*, annual *monitoring* will be applied until the negative biomass has been compensated.

## Buffer pool

- 73. Acorn must transfer 20% of issued Carbon Removal Units to the buffer pool.
- 74. Acorn must reserve *Buffer Carbon Removal Units* (BCRUs) from the *buffer pool* if *carbon reversal* occurs over 5 consecutive years. The reserved BCRUs will be retired if the reversal of *carbon benefits* has not been recovered by the end of the *Acorn project period*.
- 75. Acorn *Buffer Carbon Removal Units* that have not been cancelled or retired, by the end of the *Acorn project period*, will automatically retire and can never be sold.

## Leakage

- 76. Local Partners, with support of Acorn, must identify and describe the potential leakage sources from the Acorn project intervention in the Acorn Design Document and reassess this every 5 years.
- 77. Local Partners must implement mitigation actions and Acorn must adjust for *leakage* (if potential *leakage* is identified) in the carbon calculations, following the procedures outlined in the Acorn Methodology.

## Double counting

- 78. Local Partners, with support of Acorn, must ensure that project area(s) do not overlap with other carbon accounting programs generating transferable carbon reduction or removal credits from the same carbon pools.
- 79. Acorn must not generate *Carbon Removal Units* if the *Acorn project intervention(s)* or *project area(s)* is incorporated by any other carbon accounting program using the same *carbon pool*.
- 80. Local Partners that receive funding (e.g. grants or pre-finance) from value chain players must have documentation stating the ownership of and rights to claim the *Carbon Removal Units* issued.

### Registration

- 81. Acorn must ensure that all *Carbon Removal Units* are traceable, back to the *Acorn project intervention(s)*, and registered in a public registry, to ensure that a given unit is not used for multiple purposes.
- 82. Acorn must ensure that each *Carbon Removal Unit* has a unique serial number, that indicates when (vintage) and where (country) it was generated, and by whom (*Beneficiary*) it was retired.
- 83. Acorn, with support of *Local Partners*, must prevent the issuance of *Carbon Removal Units* that have been cancelled or already retired to achieve one or multiple climate goals.

# Monitoring and reporting

## **Monitoring**

- 84. Local Partners must monitor and report to Acorn on the mandatory indicators and at least 1 additional indicator at least every 5 years.
- 85. Local Partners must have a plan to monitor livelihood conditions and ecological conditions to complete the Acorn Design Document. This plan must be updated at least every 5 years.
- 86. Local Partners must collect and share with Acorn the results of minimum 100 surveys from Participants at least every 5 years, disaggregated by gender where possible, that represent different Local Stakeholders, to monitor the mandatory indicators and additional indicators.
- 87. Local Partners, with support of Acorn, must reassess the baseline scenario, additionality, Agroforestry Design and Theory of Change at least every 10 years, throughout the Crediting Period, and when the project intervention changes significantly or whenever a Crediting Period is extended
- 88. *Acorn*, with support of *Local Partners* must monitor and report on the change in *carbon pools* against the *carbon baseline* and describe the cause in the *Annual Report*.
- 89. Local Partners must monitor livelihood conditions and ecological conditions in the project area against the livelihood baseline and ecosystem baseline and report on these in the Annual Report at least once every 5 years.
- 90. Local Partners must monitor mitigation actions for all land tenure disputes, grievances, potential leakage, and risks and negative impacts identified in the Acorn Design Document, and report on these in the Annual Report accordingly throughout the Crediting Period.

## Reporting

- 91. Local Partners must provide all required project data to complete the Acorn Design Document and obtain Acorn's approval for the Acorn Design Document. Acorn must make the Acorn Design Document publicly available.
- 92. Local Partners, with support of Acorn, must summarize any design changes during the Crediting Period in the Annual Report and integrate these into a revised version of the Acorn Design Document.

- 93. Acorn must not issue *Carbon Removal Units* for an *Acorn project* unless the project's *Acorn Design Document* is completed and approved by Acorn. *Local Partners* must ensure the *Acorn Design Document* is updated.
- 94. Local Partners, with support of Acorn, must complete an Annual Report within 3 months after the end of the Reporting Period, throughout the Crediting Period, and make this publicly available.
- 95. *Local Partners* must report negative carbon, livelihood and/or ecosystem impacts to Acorn as soon as these become known.

### Validation and verification

- 96. Acorn projects must be validated and assessed against their, Acorn Design Document, including the expected carbon benefits, livelihood benefits, and ecosystem benefits, using the Certifier-approved Terms of Reference for validation before registration and issuance of Carbon Removal Units
- 97. Acorn projects must be verified and their carbon calculations and applicable adjustment factors must be assessed using the *Certifier*-approved *Terms of Reference* for *verification* at least every 5 years throughout the *Crediting Period*.
- 98. *Validation and Verification Bodies* must be *Certifier*-approved and hold an active *recognized accreditation* to undertake *validation/verification* of *Acorn projects*.
- 99. Validation Reports and Verification Reports produced by the Validation and Verification Body must be approved by the Certifier and made publicly available by Acorn.
- 100. Local Partners must resolve any Corrective Actions Required (CAR) and Forward Actions Required (FARs) that are identified during a validation and/or verification, within a timeframe agreed upon by the Validation and Verification Body, the Certifier, and Acorn. If CARs are reported in a Validation and/or Verification Report, further issuance of Carbon Removal Units will not be possible until they are resolved, retroactive crediting is allowed once CARs are resolved.