

Carbon Project Assistance for Organic Perspectives

Winrock International

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Proposal to Organic Perspectives – June 10, 2008

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Background

Winrock International has been requested to prepare a proposal for project support for a carbon project by Organic Perspectives. Organic Perspectives is interested in a project to supply of VERs to the voluntary market (VCS and CCBA are the most likely to be considered). The project will consist of replanting degraded lands and other reforestation efforts. This proposal provides a description of the types of assistance we can provide. However, after more detailed discussions with Organic Perspectives, this proposal will be updated to match the exact needs of Organic Perspectives.

Proposed here are four phases with associated costs:

1. Project creation assistance
2. If needed: creation and adaptation of methodologies for VER markets
3. In-country training of project staff
4. Preparation of project documentation for VER and CER markets

Capabilities of Winrock Team

Winrock International is a 501(c)3 non-profit organization that works with people in the United States and around the world to increase economic opportunity, build local institutional capacity, and sustain natural resources. Winrock has approximately 15 years' experience in the measurement, monitoring and verification (MMV) of forestry carbon projects in the US and internationally. Our peer-reviewed methods for carbon MMV are being used by a broad range of private sector, government and nongovernmental clients on over two million acres around the world. Winrock's carbon project services include project review and carbon benefit assessment, Kyoto Protocol – Clean Development Mechanism (CDM) and Joint Implementation (JI) project development and review, monitoring plan design and implementation, baseline establishment and leakage assessments, design of new CDM/JI project methodologies, customized workshops on CDM/JI project development, quality assurance and quality control protocols, spatial prediction of deforestation, workshops on baseline and monitoring plan design and implementation, field training in carbon estimation, aerial geo-referenced imagery for carbon monitoring and other applications, and remote sensing analysis. Winrock has assisted in the design of forestry carbon measurement and monitoring protocols for the USDOE 1605(b) program, California Climate Action Registry, Regional Greenhouse Gas Registry, World Bank BioCarbon Fund, UNDP, International Tropical Timber Organization, UNFCCC and others, and is an Authorized Verifier of forestry offset projects for the Chicago Climate Exchange. Winrock served on the Forest Protocols Workgroup that developed the California Climate Action Registry forestry protocols, serves on the Registry Forestry Committee for revisions and refinements to the protocols, and serves in an advisory capacity to the California Air Resources Board for protocol design and adoption issues and the ARB's planned Forestry Symposium. For publications related to carbon measurement, monitoring and verification, see <http://www.winrock.org/ecosystems/publications.asp?BU=9086>.

Scope of Work

Winrock is able to provide a wide range of services and levels of assistance, dependent on the needs of Organic Perspectives and the technical capabilities of Organic Perspectives staff. The following proposal assumes the staff of Organic Perspectives have reforestation and project development expertise, however, have minimal knowledge of carbon markets and carbon project development. If Organic Perspectives feels that it does not require in depth project creation assistance, the first phase of the following proposal can be reduced in scope.

Phase I. Project Creation Assistance

This phase would assist Organic Perspectives staff to create and formulate the carbon project. It would include an initial meeting with project developers, to train project developers on carbon markets and carbon project creation, and to assist Organic Perspectives to formulate project. Please note – this initial meeting and workshop can either be reduced in scope dependent on the needs of Organic Perspectives. The meeting can take place in Uganda or off site (such as US or UK) if Organic Perspectives project developers will be in another location, thus reducing costs.

- + 2-Day Workshop held to train project developers on the carbon arena, carbon markets, carbon project creation, and necessary criteria to develop a project.
- + If needed a short site visit can take place. This visit will depend on needs of Organic Perspectives and distance to project area. This will assist Winrock to better understand project.
- + Winrock staff member will work directly with select members of project developers on what needs to be done to develop the project. A workplan for project creation and implementation will be developed along with the specific project activities to be included. A list of documentation that project developers will need to compile will also be created. A preliminary assessment of the lands to be included in the project will be made.
- + Following the in-country meeting, a final workplan for Organic Perspectives will be created along with a detailed list of actions required for project developers.
- + Satellite analysis to identify lands eligible for afforestation under VSC (must show land has been deforested for last at least 10 years prior to start of project)
- + Assessment of which existing methodology could be used, or what modifications to an existing methodology would need to be made.
- + If desired, a preliminary estimate of the possible emission creation from this project can be developed.

Phase II: Methodology development

If it is determined that the project activities are not applicable to the existing approved methodologies, a new methodology will need to be developed based on existing approved methods. Currently the only approved VER methodologies are those that are already approved under the CDM. The new VCS methodologies must be submitted to the VCS board for approval. The costs of submission will be the responsibility of Organic Perspectives. **It is very likely this component is NOT necessary.**

- + Adaptation and creation of methodologies, including baseline, monitoring and leakage methods
- + Respond to edits and comments on submitted methodologies from reviewers

Phase III:

In-country Training - Field Visit

- + Train in-country field staff on project components such as baseline assessment, carbon sequestration monitoring, project emissions, project leakage, initial proof of additionality, and the field measurements and calculations required to carry out these components. By training Organic Perspectives staff, the costs of the

baseline assessment will decrease and the project avoids the need for overseas consultants to conduct measurement and monitoring throughout project. It is expected that the staff to be trained will include at least one experienced forester who will subsequently lead baseline and monitoring measurements and be able to perform analyses throughout the project.

+ Initiate baseline carbon stocks measurements after training of in-country staff. In-country staff will complete the baseline field measurements after Winrock staff has departed. Winrock staff will then use this data to calculate baseline carbon levels over the project period.

+ Refine field measurement methods directly following field visit

+ Creation of standard operating procedures manuals for use by in-country staff. These standard operating procedures will include detailed step-by-step measurement methods and data collection sheets for all components of the baseline and monitoring field measurements. These manuals provide staff with exact methods to be followed throughout the project, allowing for consistent data collection without the need to bring in additional consultants.

Phase IV Project Design Documents

Project design documents (PDD) will be created in preparation for submission for validation / verification. Winrock will take the lead on the development of the project design documents (PDD) for the VER project. Winrock will not be responsible for the Environmental Impact, Stakeholder comments, or Ownership sections of the PDD (See www.v-c-s.org for PDD template). If the project wants to apply for approval to CCBA (www.climatestandards.org), Winrock will also take the lead on the ‘General’ and ‘Climate’ sections of the CCBA standards. Inputs from Organic Perspectives staff will be required to complete these documents. Winrock will not be responsible for negotiations or discussions with Voluntary Carbon Standard group.

If desired, additional resources could be provided to develop the Environmental Impact of the PDD along with the ‘Community’ and ‘Biodiversity’ sections of the CCBA standards.

Deliverables:

Phase I Project Creation Assistance: Preliminary training of project developers, assistance in the formation of the project. Preliminary assessment of emission credit creation can be made.

Phase II: Methodology creation or adaptation: A methodology for the project will be developed and prepared for submission for approval to VCS

Phase III: In-country Training: Instructional presentations on carbon projects and the field measurements needed for each project component. Manuals of standard operating procedures to be used by staff to conduct measurements.

Phase IV Carbon project documentation: Project design documents and CCBA documentation for CDM and VCS components

Estimated Cost

Winrock will provide the above services and deliverables for the estimated price. Exact prices would be determined after more details about project developers’ backgrounds and the project itself are known. For example, project developers may not need the level of project creation assistance included here.

Phase I Project Creation Assistance: US\$15,000-35,000

Phase II Methodology Creation/Adaptation: US\$15,000 per methodology

*(if an existing methodology can be used with no change there will be **no cost** for this Phase)*

Phase III In-country training:	US\$35,000
Phase IV Project document creation:	US\$15,000
	US\$5,000 for CCBA documentation

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Total: US\$70,000-105,000

This price does not include costs for in-country staff of Organic Perspectives. Organic Perspectives will be responsible for Winrock’s in-country transportation and accommodation. Organic Perspectives will be responsible for costs of all official documentation submittals, approval of methodologies to VCS, and the cost of verification and validation.

Staff from Organic Perspectives will conduct measurement and monitoring as required for baseline and project estimation under direction from Winrock International in preparation for official documentation. During the field visit Winrock will work with Organic Perspectives staff and any remaining data collection will be conducted under Winrock supervision from overseas. It is necessary for Organic Perspectives to have on staff personnel able to lead and coordinate the implementation of this project on the ground and to perform certain analyses after receiving training from Winrock. Delivery of documents will be dependent on the staff of Organic Perspectives supplying needed information in a timely manner.