



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: LDCF

Submission date: 06-24-2013

GEF PROJECT ID: 523

GEF AGENCY PROJECT ID:

COUNTRY(IES): Madagascar

PROJECT TITLE: Integrating Climate Resilience into agricultural infrastructure rehabilitation in the South Western region of Madagascar

GEF AGENCY(IES): AfDB, (select), (select)

GEF FOCAL AREA(s): Climate Change

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	08/01/2013
Completion date of PPG	12/31/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications:

INVESTMENTS AND CAPACITY NEEDS ASSESSMENT:

A preliminary review will be undertaken to identify available information on climate change and its impact on the agricultural infrastructure and productivity in the South west region of Madagascar. The analysis will show the current state of community resilience to existing climate variability and projected climate change impacts. The baseline will analyse farmers and communities responses and strategies to climate change effects. Special attention should be given to the effects on agriculture of exceptional climate events such as cyclones, exceptional flood, changes in rainfall patterns and their impacts on the agricultural performance of the agricultural sector. It will include a scientific explanation on how these climate changes are affecting agriculture development and also provide indicate on their impacts on food security and poverty reduction.

The baseline situation will determine the agricultural indicators benchmark in the south west region. It will also include a review of ongoing projects on the agriculture sector in the south west region. It will also address the analysis of Government policies, strategies, law and decrees relevant to agriculture development and to the agricultural infrastructure sustainability. The baseline assesment activities will also identifiy potential areas for improving the climate change component of those policies and/or guidelines and their implementation. This will clarify baseline development issues pertaining to agricultural development, sector resilience and related poverty reduction issues.

The baseline situation shall also determine the effects of climate change on social sectors such as education, health and water sector. The findings of this review will help to identify pilot activities that will support the implementation of the Community based Development Plans.

The information collected in this exercise will contribute towards outlining a clear and detailed problem analysis, covering both non-climate related issues as well as climate change. It will assess the national and local drivers of vulnerability and risk. This will feed into the identification of barrier-removal solutions that

can be built into the project design.

In addition to agricultural infrastructure upgrading to resist to extreme climatic phenomenon, improving the socio-economic conditions of small-scale farmers through climate resilience of infrastructure, enabling transfer of climate-resilient farming practices, and empowering small-scale farmers and association such as Water Users Associations (WUA) with knowledge about climate change are key to enhance the adaptation farmers communities to climate change. These solutions will therefore reduce the vulnerability of communities to food insecurity and reduce conflicts related to water use.

In addition to those activities the experts need to identify/propose additional social infrastructure included in the Community Based Development Plan (irrigation techniques) that will make communities more resilient to climate change.

a. Socio-economic studies

PPG resources will be utilized to engage key stakeholders at the national/county and community levels during the project design phase. In alignment with the project objective, a comprehensive stakeholder analysis will be conducted to determine stakeholder needs vis-à-vis adaptation to potential climate change impacts, barriers to adaptation, expertise that might be helpful in designing and implementing the project, and those who may have been involved in similar initiatives or planning processes. Climate change vulnerability analysis and social-economic studies will be undertaken in the area of influence of the project. During the socio economic analysis the adequacy of the proposed investment and options will be presented to the population to ensure that the investments are socially and culturally acceptable and relevant. The socio-economic analysis should also provide a selection of activities that can be implemented during the project execution phase. Those activities, actor, roles, cost should be identified. This socio economic study should give special attention on how beneficiaries, including women and youth, will be involved in the development of the project proposal and will benefits from this project. The approach and results of the studies will be validated during the consultations. A detailed work plan based on a participatory stakeholder approach will be developed to mobilize relevant local communities in implementing relevant components of the project. This may include community participation in tracking the delivery of specific project outcomes.

b. Specific sites and investment identification

The Project preparation funds will finance the feasibility of :

- (i) Extending the size and strength of the agricultural infrastructure, mainly the Bas Mangoky protection dyke, to ensure that it can continue to protect 5000 ha against the increasing magnitude of floods (having both environmental and socio-economic benefits);
- (ii) Training in climate change for Water User Associations to enable them to sustainably manage water resources in the context of changing availability under climate change;
- (iii) Extension of watershed protection and anti-erosion activities in order to combat the increased likelihood of floods due to cyclones under climate change. Special focus will be given to the Mangoky and Taheza Watersheds. This is inkeeping with GEF's Land Degradation (Desertification and Deforestation) Strategy, and its commitment to improved land management as a means of supporting sustainable livelihoods for people dependent on the use and management of natural resources.
- (iv) Dissemination of climate-resilient agricultural practices (for example the use of early maturing seeds, conservation agriculture and elevated flood-resistant grain stores) through farmers associations, to ensure that farmers are equipped with the technical skills and knowledge of how to ensure productivity in a changing climate;
- (v) Implementation of sensitization and awareness campaigns against water-related diseases such as malaria and diarrhea, whose prevalence is likely to increase under climate change.

c. Environmental and Social assessment

The baseline Project "PRIASO" was assessed as a category 2 project in respect to the AfDB safeguards policy. According to AfDB environmental and social safeguards, an ESMP (Environmental and Social Management Plan) has been prepared and validated by the relevant national authorities. The ESMP has been disclosed in the project area and published on the AfDB website in April 2013. In compliance with the current AfDB policies and guidelines, environment and safeguards experts will update the existing baseline environment and social studies.

ADDITIONALITY ASSESSMENT

The additionality of the proposed project, relative to baseline development needs, will be clarified in the context of the proposed Outcomes as outlined in the PIF. A detailed description will be provided on how LDCF resources will meet the additional cost reasoning requirement. This will be done in the particular context of the baseline activities, in particular for agriculture infrastructure, capacity building and communities livelihoods.

- a) Agriculture infrastructure: assessment will be done in respect to the activities that seek to increase climate resilience of agricultural infrastructure (mainly irrigation facilities);
- b) Capacity building in the water sector : activities that seek to target individual and community livelihood strategies (water management for agriculture) in the context of high climate change impacts and variability;
- c) Community livelihoods strategies in relation with climate change : activities that will improve communities livelihoods through preparation of community-based climate change adaptation plan for three districts (Bezaha, Ambaikily and Ankililoko) with special focus on water, health and education sectors.

FINANCIAL PLAN AND PROCUREMENT

PPG resources will be used to prepare the adequate financial tables and procurement plans. In addition, the PPG resources will ensure consistency of the budgets and procurement types envisaged in the project with Bank financial and procurement policies and guidelines.

INSTITUTIONAL ARRANGEMENTS.

Definition of project roles and responsibilities: The Ministries of Agriculture, Environment and Water are involved in the project activities. Those ministries are represented and coordinated in the framework of the baseline project steering committee (PRIASO). This committee should be reinforced and consulted during the preparation phase in order to define the roles and responsibilities of each ministry and clarify the integration aspects of the GEF activities into the baseline project. In particular it will provide insights on how the "project implementation unit" under the South West Regional Department for Rural Development will be structured to respond to the local needs. Details on oversight of technical activities including requisite reporting procedures will be established.

A capacity analysis will be undertaken with relevant Ministries and/or other appropriate local institutions that will be involved into the project. This capacity analysis will pre-determine the implementation and reinforcement needs that will be further defined in the next activity. It will also determine and identify the relevant partnerships to be concluded for the project execution.

MONITORING AND EVALUATION

This activity will consist in the finalization of a strategic results framework and definition of monitoring and evaluation provisions. Following the identification of the main implementing stakeholder, a participatory approach to finalize a detailed strategic results framework will be undertaken. The strategic results framework will include revision and confirmation of the project goal, objective, outcomes, outputs, and their corresponding indicators of success. Qualitative and quantitative monitoring and evaluation indicators to measure and verify successful delivery of project objective and outcomes will be communicated to the identified stakeholders for validation.

A strategic results framework and an monitoring and evaluation (M&E) plan will be defined including clear identification of responsibilities and institutions, as well as an appropriate budget allocation . This will also reflect the requirements of AfDB vis-à-vis the project baseline requirements as well as internal standard reporting and evaluation mechanisms (Project Implementation Progress and Results Report -(IPRR). Provisions for the Mid-term Review, the Project Completion Report (PCR) and independent evaluation.

STAKEHOLDER CONSULTATIONS:

PPG resources will be utilized to engage key stakeholders at the national, regional and community levels. In alignment with the approved project objective, a comprehensive stakeholder analysis will be conducted to determine stakeholder needs vis-à-vis the adaptation requirements to potential climate change impacts, barriers to adaptation. These consultations will enable to identify relevant expertise that might be helpful in designing and implementing the project as well as key partners whom may have been involved in similar initiatives or planning processes. The following activities will be undertaken:

- (a) Mobilize and engage project beneficiaries and partners through the development of a participatory work plan and also clear definition of stakeholders involvement in the project implementation and partnerships to be concluded;
- (b) Determining priorities for adaptation and communication strategy for knowledge dissemination;
- (c) Community Mobilization : a detailed work plan based on a participatory stakeholder approach will be developed to mobilize relevant local communities in implementing relevant components of the project. This may include community participation in tracking the delivery of specific project outcomes.

The stakeholder consultations will also facilitate discussions with local, national and international institutions that are pursuing similar objectives/outcomes and thereby identify important potential partnerships and syneriges, including co-financing opportunities. It will also facilitate discussions with other development partners on the ground, including FAO, IFAD, UNDP, WB and relevant NGOs and private sector in order to enhance synergies.

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
TECHNICAL STUDIES and BASELINES	1-Baseline (i) current state of community resilience to existing climate variability and projected climate change impacts (ii)Review and analysis of current and past donor, government and donor projects relating to strengthening resilience and adaptation in Madagascar	LDCF	75,000	130,000	205,000

	<p>2 Update the technical studies for agricultural infrastructure rehabilitation and select the more appropriate interventions</p> <p>3 Undertake studies for Community based adptation plan and recommend pilots interventions that will be supported in the three targeted districts</p> <p>4 Specification of all adaptation activities to be financed by LDCF and their adaptation rationale.</p>				
INSTITUTIONAL ARRANGEMENTS.	<p>1-Establish institutionnal arrangement and coordination for Project implementation, between the Executing agency and the GEF national Focal Pointee</p> <p>2-Workplan with detailed roles, responsibilities and timeline for project implementation</p> <p>3. Strategic results framework and M&E system defined with quantifiable and verifiable impact indicators.</p>	LDCF	28,000	15,000	43,000
MONITORING AND EVALUATION	<p>1-Key M&E stakeholders</p> <p>2-Results frameworks consulted and finalized</p> <p>2-Baseline compiled</p>	LDCF	9,095	7,500	16,595

	<p>from the different subsectors (irrigation, agriculture, environment, water, etc)</p> <p>3-GEF Requirements baselines and templates included: PIRs, TT, MTR, AMAT and Terminal Evaluation</p> <p>4- AfDB Requirement : IPPR and CSI (AfDB Standards included)</p> <p>5- M&E plan with budget</p>				
STAKEHOLDER CONSULTATIONS:	<p>1-Mapping of the main stakeholders, including women groups, representative of the nomads and key NGOs and CSOs</p> <p>2-Consultation and “mobile” consultation with the stakeholders : Presentation of the main activities and options</p> <p>3-Communication and consultation strategy to be executed during the implementation phasers</p>	LDCF	8,500	7,500	16,000
FINANCIAL PLANNING AND PROCUREMENT	<p>1 Financial planning established</p> <p>2 Procurement plan and tables established</p>	LDCF	6,000	9,000	15,000
PPG MANAGEMENT / COORDINATION	<p>1- List of all PPG activities including financial reconciliation</p> <p>2- AfDB and GEF compliant full-sized project/ appraisal document for</p>	LDCF	2,500	65,000	67,500

	submission to LDCF including AMAT framework. Translation of document				
		(select)			0
		(select)	0	0	0
		(select)	0	0	0
		(select)	0	0	0
		(select)	0	0	0
		(select)			0
Total Project Preparation Financing			129,095	234,000	363,095

C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: (\$)

	Project Preparation	Agency Fee
Grant Amount	129,095	12,264
Co-financing	234,000	
Total	363,095	12,264

D. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES)¹

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
LDCF	AfDB	Climate Change	Mauritania	129,095	12,264	141,359
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
Total PPG Amount				129,095	12,264	141,359

¹ No need to provide information for this table if it is a single focal area, single country and single GEF Agency project.


E. PPG BUDGET

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	20.00	24,000	45,000	69,000
International consultants*	20.00	56,000	65,000	121,000
Travel		25,000	44,000	69,000
Tehnical Workshops and Consultations		17,095	15,000	32,095
Management and Coordination		7,000	65,000	72,000
				0
Total PPG Budget		129,095	234,000	363,095

* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

F. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF LDCF/SCCF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
TOURINO SOTO, IGNACIO		06/06/2013	BA Amadou	216-71101788	a.m.ba@afdb.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/ Person Week¹	Estimated PWs²	Tasks to be Performed
International	Lead Expert - Project Development Specialist, Climate Change Adaptation Expert In The Area Of Agriculture	2800	10.00	<ul style="list-style-type: none"> • Lead the consultants' team and help scope PPG activities and work plan; • Compile and collate existing baseline data, including available climate scenarios and impact information • Control quality of inputs and outputs of the consultants • Identify options for climate risk reduction and resilience building for the pastoral communities, especially in relation to protecting the water investments and promoting additional water facilities and vegetative areas • Oversee finalization of a Results Framework and definition of indicative project activities; • Define the logical framework, work plan and budget for the project; • Quality control for the FSP in line with AfDB/GEF requirements; • Assist in verifying climate risks associated with the project's target areas; • Validate problem analysis of the project, the additional reasoning and the integration of comments from council members • Guide the determination of the scope and strategy of the project; • Ensure additionally of the project and guide/facilitate respective discussions; • Design Knowledge Management and M&E component (including learning mechanisms and impacts indicators); • Develop the FSP Request for CEO Endorsement and ensure consistency with the AfDB appraisal report • Ensure that the project approach is fully aligned with the baseline project
International	Project Development And Agricultural	2800	10.00	<ul style="list-style-type: none"> • Compile and collate existing baseline data on the agricultural

	Infrastructure Expert			<p>infrastructure</p> <p>-In consultation with the lead expert and the inputs from the socio-economist identify vulnerable sites to climate related risks</p> <ul style="list-style-type: none"> • Prepare problem analysis and identify options to climate risk reduction and cost-effective agricultural infrastructure rehabilitation. • Identify adaptation activities for the agricultural infrastructure
Local	Environmental Expert With Experience In Climate Change Adaptation	1200	10.00	<p>'- Prepare the inventory of enviromental and natural resource management activitiess</p> <p>- Prepare problem analysis and identify environmental related solutions to agriculture development</p> <p>- Propose solutions that will increase the resilience of the farmers communities</p> <p>- Support project development specialist to prepare project documentation.</p>
Local	Socio-Economist Expert In Community Driven Development	1200	10.00	<p>'-Undertaken a socio-economic study</p> <p>'- Propose a list of diversification activities</p> <p>'- Prepare a validated communication and consultation strategies</p> <p>- Prepare community based climate change adaptation plan</p> <p>'- Support project development specialist to Prepare project documentation.</p>
(Select)				
(Select)			0.00	
(Select)			0.00	
(Select)				

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task

