



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: LDCF

Submission date: 06/15/2012

GEF PROJECT ID: 4568

GEF AGENCY PROJECT ID: 548

COUNTRY(IES): Madagascar

PROJECT TITLE: Adapting Coastal Zone Management To Climate Change In Madagascar Considering Ecosystem And Livelihood Improvement

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

GEF FOCAL AREA(S): Climate Change

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	09/01/2012
Completion date of PPG	01/12/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications: The objective of the project is to reduce vulnerability of the coastal zone to climate change and climate variability in order to increase its contribution to national economic development and poverty reduction. This project was conceived in response to the NAPA, developed in 2006, by Madagascar. The project is delineated into three components: 1) Institutional Capacity Development, which aims at developing scientific knowledge and tools for understanding climate impacts on the coastal zone; 2) Coastal rehabilitation and management for long-term resilience, which aims at addressing urgent adaptation needs in selected coastal zone sites, including early warning systems, and the restoration of ecological services (protection and production); and 3) Integrating adaptation measures into national policies and development strategies, which aims at taking lessons from project outcomes and integrating adaptation measures and objective into broader coastal planning processes at national level. In order to finalize project documentation a number of activities are required such as:

-Inception and Site selection: This activity will mark the beginning of the project preparation phase and will initiate the consultations and required partnership building at national and local level. An inception meeting for the PPG will be convened, to bring together major governmental and non-governmental stakeholders who will be called upon to contribute to the project. Prior to this meeting a project development team will be established to bring together experts and key partners and to steer the process forward. A preliminary site analysis will be completed on the basis of available documentation, and site selection criteria will be discussed and approved at the inception meeting. Criteria for site selection will include ecological features, climatic representativity, socio-economic considerations as well as other technical and feasibility criteria. At the outset of this meeting, there will be an agreement on sites. This inception meeting will also be used to gather information on the baseline context and situation, documentation on ongoing initiatives and partnerships, and to begin discussions with potential implementing and co-financing partners.

- Stakeholder and baseline analysis: this study will be undertaken in order to attain a more refined analysis of programme stakeholders, their capacities and needs, as well as an analysis of ongoing projects, policies and programmes of potential relevance to the project, particularly at site level. The baseline analysis, in conjunction with the various technical studies (below), will provide information on the local context,

current natural resource management practices, the state of targeted ecosystems, and an overview of gaps, and adaptation needs. The analysis will include a review of ongoing investment projects in the relevant sectors, policies, laws, executive regulations and decrees governing natural resource and water management, and clarify baseline development issues of relevance to the project. The review will focus on the strengths, weaknesses, and needs of the existing system.

- A set of four studies (ecosystems, livelihoods, infrastructure and technical needs, governance) will also be completed in order to provide technical input and recommendations on best available and most applicable and cost-effective adaptation technologies and practices. The ecosystem study will provide a desk-based review of the state of coastal zones in Madagascar, and of potential adaptation options and past successes and challenges. This study will be validated during local consultations and site visits (below). The Livelihoods study will consist in a socio-economic vulnerability profile for each of the region and sites so as to provide recommendations on adaptation options, constraints and opportunities for resiliency in livelihoods, and the assessment of socio-economic benefits of the project. This study will take the shape of a Participatory Vulnerability Assessment. The infrastructure and technical needs study will focus on providing an assessment of coastal assets potentially impacted by climate change in selected sites, and assess the scope of adaptation needs for rehabilitation and early warning. Finally, the governance study will provide an analysis of governance and policy mechanisms in force in Madagascar nationally and locally governing coastal zone management, and provide recommendations to support the development of mechanisms for integrating adaptation into policy. Each of these studies will be undertaken by local experts and will seek to examine the full set of climate vulnerabilities on the designated sector, and to determine - from a technical point of view - adaptation needs, gaps and solutions. Supporting assessment reports such as climate risk assessments, economic analysis on costs/benefits of impacts, technical feasibility analysis of various adaptation options and economic assessment of adaptation options will also be produced during the PPG phase serving as the basis to justify the proposed project interventions and to leverage financing for the proposed activities.

- Local consultations will also take place on the basis of proposed activities in order to mobilize local communities, launch discussions and initiate the creation of local committees and structures, as well as to finalize partnership arrangements at local level. Consultations will take place at central level (with Ministries and international partners, NGOs and private sector) as well as at the local level, involving administrations, communities and their organizations. Consultations will take place in conjunction with the technical studies and will feed into the vulnerability assessments, in each of the sites selected for implementation. Other consultations with partners at the national level will also take place on an ongoing basis throughout the preparation phase so as to build partnerships and to identify co-financing arrangements.

- A set of institutional recommendations will also be put forward in order to devise cost-effective and innovative programme management structures and coordination mechanisms and the confirmation of cofinancing arrangements and recommendations for a knowledge and risk management strategy. A detailed delivery strategy, with clearly identified roles and responsibilities of specific institutions for the overall management of the project will be specified. This will build on the in-depth baseline and stakeholder analysis that will highlight the capacity of relevant Ministries and/or other appropriate institutions to participate in this programme. Details on oversight of technical activities including requisite reporting procedures will be established. UNEP guidelines will be followed in formulating and describing these details.

- Project documentation will be developed in line with latest GEF and UNEP templates and guidelines, including annexes, co-financing and endorsement letters, budgets, workplans and M&E frameworks and tracking tools. A detailed M&E work plan and delivery strategy will be defined including clear identification of responsibilities and institutions, as well as an appropriate budget allocation (based on best

practices and UNEP guidelines). This will also reflect the requirement of the Implementing Agency's standard reporting and evaluation mechanisms. The Monitoring Plan will include qualitative and quantitative indicators that will measure the state of adaptive capacity at various stages of project implementation. The M&E plan will include provisions for independent evaluation and provision to ensure learning of lessons from implementation. resources will be used to define the monitoring and evaluation indicators (both qualitative and quantitative) for measuring and verifying the successful delivery of the Project Objective and Outcomes. Emphasis will also be given to those indicators that will ensure progress at various stages of Project implementation. The M&E framework will be based on the guidance provided by UNEP for Adaptation Projects, and amended appropriately given the context of the proposed programme. Finally, an Environmental and Social Impact Assessment as per National Legislation for environmental protection will be completed using the feedback from consultations. Cofinancing arrangements will be finalized during the PPG.

The full funding proposal will include a CEO endorsement request and a UNEP project document with annexes and related technical supplements, which will provide the following elements:

- Clear description of the problem, root causes, preferred solution, barriers and strategy to overcome them.
- Clear description of baseline activities and related sources of financing; This section will cover a stocktaking of the existing relevant policy and regulatory framework as well as summary of the past project related activities funded by governments (both national and sub-national), donors and private sector in adaptation in Madagascar and an updated report on the co-operation and co-financing possibilities in the frame of the envisaged LDCF project.
- Explicit specification of all adaptation activities to be financed under the LDCF and their adaptation rationale (why and how are they supposed to reduce vulnerability and/or increase adaptive capacity beyond what is already being done including justification in terms of economic benefits, cost effectiveness);
- Clear description of the country context including the sites where activities will be implemented.
- Clear description of the expected roles and responsibilities among different stakeholders (national and sub-national authorities, different ministries and institutions, and UNEP, considering the comparative advantages.;
- Clear description of the project management structure;
- Definition of goal, objective, outcomes, outputs and related indicators;
- A Project Logical Framework that captures the indicators and verification strategies;
- M&E framework for the projects that focuses on adaptation to climate change including variability. This includes a list of proposed indicators and an associated monitoring and evaluation plan (with a clear definition of how these indicators would be measured and how verification data would be collected through the monitoring programme);
- A risk assessment and risk mitigation strategies including for financial management of the project;
- A work plan with detailed roles and responsibilities for implementation;
- A detailed budget that spells out how LDCF will be used to implement the proposed work plan and achieve the expected outcomes, with co-financing information at the outcome level;
- Stakeholder Involvement Plan during the design, preparation, implementation of the full size project.
- Supporting and relevant reports (climate risk assessments, economic analysis on costs/benefits of impacts, technical feasibility analysis of various adaptation options and economic assessment of adaptation options) to justify the proposed project interventions and to leverage financing for the proposed activities (this may include pre-feasibility studies for pilots, draft business plans etc.)
- Letters confirming co-financing commitments;

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Inception and Site Selection	Partnerships identified; Sites selected	LDCF	19,900	10,000	29,900
Stakeholder Analysis	Stakeholders at local level identified; ongoing investments identified	LDCF	4,250	8,500	12,750
Ecosystem Study	Analysis of state of selected ecosystems and recommendations for adaptation options	LDCF	8,000	4,800	12,800
Livelihoods Study	Analysis of local livelihoods and recommendations for adaptation options	LDCF	8,000	4,800	12,800
Infrastructure and Technical Needs Assessment	Coastal assets and status known; technical and infrastructure needs assessment	LDCF	5,000	4,800	9,800
Governance Analysis	Governance systems understood; recommendations for policy integration mechanisms	LDCF	3,500	4,800	8,300
Institutional, financial and knowledge management strategy, including ESIA	Agreements on institutional management of programme, knowledge management strategy and co-financing confirmed Environmental and Social Impact Assessment Completed	LDCF	12,000	20,400	32,400
Local consultations and PVAs	Stakeholder identification, partnership agreements and local buy-in and input; desk study validation	LDCF	51,500	64,800	116,300
Meetings and Workshops	Validation Workshops	LDCF	17,500	17,000	34,500
		(select)			0

		(select)			0	
		(select)			0	
Total Project Preparation Financing				129,650	139,900	269,550

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

	Project Preparation	Agency Fee
Grant Amount	129,650	12,965
Co-financing	139,900	
Total	269,550	12,965

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
(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
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
Total PPG Amount				0	0	0

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 *	43.20	54,000	65,300	119,300
International consultants*	9.54	22,150	15,100	37,250
Travel		44,500	45,500	90,000
Meetings and Workshops		9,000	14,000	23,000
				0
				0
Total PPG Budget		129,650	139,900	269,550

* 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
Maryam Niamir-Fuller; Director - UNEP-GEF Coordination Office.		06/15/2012	Ermira Fida, Portfolio Manager; UNEP- GEF Adaptation	+ (254- 20) 762 3113	Ermira.fida@unep.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	Senior Adaptation Specialist	2750	15.03	Coordinate the work of the team, ensure delivery of outputs for PPG, lead on the development of project documentation; lead on the development of co-financing strategy, institutional coordination arrangements and knowledge management strategy; provide recommendations on project activities and components; participate in consultations at local and national level; provide technical advice on ecosystem based and coastal zone adaptation; provide advice on policy and institutional components of the programme.
Local	Coastal Zone Management Advisor	1250	30.32	Act as a local focal point, maintain contact with local consultants through regular meetings; lead on identification of stakeholders and partners; provide organizational and planning support to PPG team; provide technical support for the development of site-specific activities; provide technical advice on climate change and climate risk; provide technical advice on coastal zone management; provide advice on policy and institutional capacity aspects of the programme.
Local	Ecologist	1250	17.78	Develop a site -specific study on coastal ecosystems, based on a desk review, and participate in validation of findings through local consultations and PVA; provide recommendations on adaptation needs and options.
Local	Coastal Economy Advisor	1250	17.78	Deliver a site-specific study on rural coastal livelihoods, their vulnerability and recommendations for adaptation options; participate in development of cost-benefit and cost-effectiveness analysis; participate in PVA s and local consultations.
Local	Civil Engineer	1250	15.38	Provide an assessment of the state and vulnerability of coastal infrastructural assets, their vulnerability and an assessment of technical and infrastructural adaptation needs, including infrastructural needs for

				early warning systems.
Local	Policy Analyst	1250	14.18	Develop a study on governance and policy mechanisms governing the use of coastal zones and their resources, and provide recommendations on institutional mechanisms for integration of coastal adaptation mechanisms into future policy and planning.
(Select)				
(Select)				

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task