



## PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: 07/09/2012

Resubmission date: 11/15/2012

Resubmission date: 01/18/2013

**GEF PROJECT ID: 5137**

**GEF AGENCY PROJECT ID: 00906**

**COUNTRY(IES):** India

**PROJECT TITLE:** Mainstreaming agrobiodiversity conservation and utilization in agricultural sector to ensure ecosystem services and reduce vulnerability

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

**GEF FOCAL AREA(S):** Biodiversity

### A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	01/2013
Completion date of PPG	6/2014

### B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications: The main project elements were outlined in the PIF. The Project Preparation Grant (PPG) funds are being requested to undertake a series of activities which are essential for the further development of the project's design, including the collection of key baseline information; confirmation of pilot sites; stakeholder analysis and their capacity building plans; detailed policy framework review; final definition of targets and cost structures and implementation arrangements for the Full-size Project. PPG funds will thus be used specifically for the implementation of the following activities:

#### 1. Baseline data collection:

The PPG resources will be used to collect and analyze information related to current status of between and within crop diversity and associated farmers' and users' knowledge across the four agro-ecoregions. This will ensure that the project focuses on crop and genetic diversity of global importance and that the specific project sites are the most suitable. It will also ensure identification of all relevant local institutions and partners. Baseline data will also be collected relating to socioeconomic factors affecting livelihoods and food security of local communities and on the status of existing market chains for target crops. The existing information, including lessons learned from previous relevant projects and experiences and ongoing activities about mainstreaming agrobiodiversity conservation and use for enhanced livelihoods and adaptation to climate change will be compiled and analyzed. These initial analyses will provide information on constraints, threats and opportunities that have an impact on sustainable conservation of crop diversity and its enhanced use for resilient agriculture production and thus will be used to define and further refine the activities required in the FSP. Accordingly, the baseline information to be collected will include: (i) Analysis of the current state of the targeted crop diversity in the selected four agro-ecoregions, including genetic erosion status and threats to that diversity, together with assessment of the state of documentation of indigenous knowledge of these crop diversity, which will also include farmer knowledge of management of diversity under environmental change and their knowledge of old and new cultivars for climate change adaptation; (ii) Synthesis of information of relevant adaptive management practices already developed in

other projects and initiatives and an analysis of options for these to be tested under this project; (iii) Comprehensive review of innovation and knowledge sharing such as participatory and community-based approaches that have been tested in different projects in India including Farmer Field Schools and Farmer Field Climate Schools; (iv) Assessment of the general livelihood options and benefits for rural communities based on assessment of local market opportunities for sale of diversity rich products, local seed system, and identification of opportunities and technologies that can enhance mainstreaming agrobiodiversity; and (v) Assemble adequate and appropriate socio-economic baseline information regarding communities to be involved in the project including demographic profiles of communities and households, community and household livelihood profiles, employment status, income streams, community and household assets profiles, education and skills profiles, health profiles, gender analysis etc.

PPG funds will also be used to review information on local, regional and national planning, policy, and regulatory frameworks to enhance use and mainstreaming agrobiodiversity in agriculture production sectors, especially at national and across the four agro-ecoregions proposed in the PIF. It will focus specifically on identifying the constraints and opportunities for benefits from use of agrobiodiversity by farmers and other stakeholders and will provide the required linkages for access and benefit sharing (ABS) mechanisms in India provided by national authorities such as Protection of Plant Variety and Farmers Rights (PPV&FRA) and National Biodiversity Authority (NBA). It will identify capacity building needs and public awareness campaign for various incentives and disincentives for agrobiodiversity users and biodiversity conservationists to participate in collaborative agreements.

## 2. Stakeholder consultation, institutional assessment and implementation arrangements:

Mainstreaming the use of agrobiodiversity rich options into agricultural production systems, including access and benefit sharing will require the participation and coordination of wide range of stakeholders participation at local community, regional, national and international levels. The main stakeholders to be involved are farmers, farmer organizations, women motivators within the farming communities, community based organizations, non-government organizations, agricultural and extension workers, natural and social science researchers from universities and agricultural research institutes, and government ministries of agriculture and the environment, and international organizations with international responsibilities. As farmers are the direct implementers of managing crop diversity on-farm, their participation is the foundation of the project and their capacity need to be assessed in preparation for the FSP. The PPG grant will finance capacity assessments and consultations with representatives of these different stakeholder groups and will include: (i) Analysis of existing coordination procedures and strategies between sectors and the different levels of government and identification of appropriate stakeholders, especially relevant to farmers, farmer organizations, community-based organizations and NGOs across the project sites; (ii) Analysis of present and past projects to identify successful institutional models and best practices for implementation arrangements, (iii) Assessments of capacity of different stakeholder groups relating to their capacities for mainstreaming agrobiodiversity and identifying capacity building needs during the FSP; (iv) Establishment of the execution arrangements for the full project with effective partnerships between the project partners and relevant stakeholders; (v) Planning the project communication strategy and identifying appropriate communication methods; and (iii) Establishment of a national planning teams in order to expedite implementation and will comprise in-country stakeholders from farmer organisations, agricultural extension programmes, scientific institutes and government ministries. Representation from the following types of expertise will be included: agrobiodiversity, population genetics; agro-ecology, participatory approaches, economics, policy, adaptive biology to stress, environmental impact, and extension. Findings will also be used for consultations to define coordination mechanisms for all parties in the FSP, arrangements for implementation and the consolidation of a stakeholder matrix and stakeholder involvement plan.

## 3. Feasibility analysis and budget:

PPG funds will be used to assess the feasibility and to develop the detailed budget for the proposed project

intervention. The feasibility assessment will include the following: (i) Validating the set of proposed project outcomes, outputs and activities, based on a logical framework analysis and the definition of expected benefits, cost effectiveness and sustainability of different approaches; (ii) Selecting a set of indicators for determining the impact of project outcomes; (iii) An incremental cost analysis in compliance with the GEF incremental cost principles; (iv) Development of detailed financial plan for the project - costing the expected project outcomes and outputs; (v) An assessment of the social, economic and financial sustainability of proposed project activities; (vi) Assessment of the social, political and environmental impacts of the proposed project; (v) Assessment of the risks to the proposed project strategy and identifying measures to mitigate them; (vi) Assessment of alternatives to the project strategy and establishment of the cost effectiveness of the preferred strategy and suite of activities; (vii) A replication strategy for project activities; (vii) Identify and involve additional stakeholders and partners that could provide co-funding or leveraged activities around project outputs; and (viii) Finalizing co-financing sources and commitments.

4. Monitoring and evaluation mechanisms defined to measure performance and impact:

The PPG funds will be used to assess the existing monitoring and evaluation systems and capacity used in relevant institutions to construct an appropriate monitoring and evaluation system for the project that will: (a) enable the adoption of adaptive management strategies during project implementation; (b) facilitate the evaluation of the project on completion; and (c) provide the basis for measuring benefits from the project and the contribution of each mechanism to national conservation targets. Therefore, the various activities will include: (i) Development of key indicators and monitoring strategy for the FSP; (ii) Reviewing measures planned to monitor the application of project activities; (iii) Formulation of the project M&E plan with quantitative baseline, targets and indicators, including M&E budget; and (iv) Development of the costed project supervision plan.

<b>List of Proposed Project Preparation Activities</b>	<b>Output of the PPG Activities</b>	<b>Trust Fund</b>	<b>Grant Amount (a)</b>	<b>Co-financing (b)</b>	<b>Total c = a + b</b>
1. Baseline data collection	<p>1.1: Baseline information on target crop diversity adaptive management and traditional knowledge for target project sites.</p> <p>1.2: Identified project sites and associated crops for each of four agro-regions .</p> <p>1.3: Survey information of livelihood options and benefits for rural communities based on assessment of local market opportunities, seed system characteristics and of opportunities and technologies that can enhance</p>	GEF TF	74,600	170,882	245,482

	<p>mainstreaming agrobiodiversity</p> <p>1.4: Documented information on local, regional and national planning, policy, and regulatory frameworks for agrobiodiversity management.</p> <p>1.5: Capacity building and public awareness plans for ABS identified</p> <p>1.6: Finalized FPS activities in all Project areas</p>				
2. Stakeholder consultation, institutional assessment and implementation arrangements	<p>2.1: Establishment of the full project management and implementation arrangements and assessment of the capacity of different stakeholder groups.</p> <p>2.2: Responsibility of each stakeholder for project implementation developed and agreed upon.</p> <p>2.3: ToRs for project management staff, Steering Committee and the Technical Advisory Board finalised.</p> <p>2.4: Communication strategy for the FSP developed.</p> <p>2.5: Database for Roster of experts for the FSP developed.</p> <p>2.6: Preliminary</p>	GEF TF	30,400	127,533	157,933

	national training plan developed.				
3. Feasibility analysis and budget	4.1: Full project logical framework including outcome impact indicators  4.2: Incremental cost analysis.  4.3: Detailed costing of the expected Outcomes and Outputs and development of full project budget.  4.4: Risks mitigation and replication strategy developed.  4.5: Full project co-funding secured and procurement plan finalised.	GEF TF	28,300	81,108	109,408
4. Monitoring and evaluation mechanisms defined to measure performance and impact	5.1: Project Logframe  5.2: FPS M&E plan  5.2: Costed project supervision plan.  5.3: GEF Tracking tools.	GEF TF	16,700	62,528	79,228
<b>Total Project Preparation Financing</b>			<b>150,000</b>	<b>442,051</b>	<b>592,051</b>

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

	<b>Project Preparation</b>	<b>Agency Fee</b>
Grant Amount	150,000	14,250
Co-financing	442,051	
<b>Total</b>	<b>592,051</b>	<b>14,250</b>

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

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b

GEF TF	UNEP	Biodiversity	India	150,000	14,250	164,250
<b>Total PPG Amount</b>				<b>150,000</b>	<b>14,250</b>	<b>164,250</b>

#### E. PPG BUDGET


Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	88	38,600	31,800	70,400
International consultants*	38	57,300	28,200	85,500
Travel		18,000	57,177	75,177
Consultation/Workshops		24,500	121,577	146,077
Miscellaneous**		11,600	203,297	214,897
<b>Total PPG Budget</b>		<b>150,000</b>	<b>442,051</b>	<b>592,051</b>

\* 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.

\*\* Miscellaneous cost includes: communication, office space and supplies, reporting and documentation, maps, etc.

#### F. GEF AGENCY(IES) CERTIFICATION

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

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
GEF Agency Coordinator: Maryam Niamir-Fuller Director, GEF Coordination Office, UNEP		01/18/2013	Marieta Sakalian, PhD UNEP Senior Programme Management /Liaison Officer (CGIAR/FAO), Biodiversity	+39 06570 55969+39 06570 55969	Marieta.Sakalian@unep.org

**Annex A**

**Consultants Financed by the Project Preparation Grant (PPG)**

<b>Type of Consultant</b>	<b>Position / Titles</b>	<b>\$/ Person Week</b>	<b>Estimated PWs</b>	<b>Tasks to be Performed</b>
Local	Agrobiodiversity And Crop Genetic Resources Specialists	800	35	
Local	National Policy And Legal Consultant With Expertise In Biodiversity Benefit Sharing Mechanisms	800	20	<ul style="list-style-type: none"> <li>• Characterization and ranking of incentives and tools that impede or support maximising conservation benefits from the application of existing Government incentives, including ABS and other benefit sharing mechanisms</li> <li>• Review appropriate laws and policies related to implementation of project activities</li> <li>• Making recommendations for designing pilot approaches for testing benefit sharing mechanisms</li> <li>• Input to final definition of FSP activities.</li> </ul>
Local	Participatory And Livelihood Specialist	800	20	<ul style="list-style-type: none"> <li>• Provide expertise to support and facilitate the process of developing protocols for participatory diagnosis for baseline and monitoring information</li> <li>• Provide a reviews of existing farmer-led and participatory approaches in the country.</li> <li>• Provide a review of existing participatory approaches training materials within the country.</li> <li>• Assemble socioeconomic baseline information regarding communities involved in the project.</li> <li>• Review the capacity of national partners in implementing participatory approaches to diagnostics, and project implementation activities.</li> <li>• Identify national institutions and experts in participatory approaches and prepare a roster of persons and expertise.</li> </ul>
Local	Economics and Marketing Expert	800	25	<ul style="list-style-type: none"> <li>• Collect baseline data defining specific market chains and identifying potential agrobiodiversity products</li> <li>• Feasibility study on potential market interventions, including costing. Develop effective</li> </ul>

				partnerships with relevant stakeholders
Local	Climate Change Adaptation Expert	800	23	<ul style="list-style-type: none"> <li>• Assessment of climate data for project sites</li> <li>• Developing climate prediction models based on climate analogue</li> <li>• Generating GIS maps for project sites</li> <li>• Developing crop suitability models across project sites</li> <li>• Identification of suitable varieties and landraces for climate change adaptation for the target crops across project sites based on available information.</li> </ul>
International	Agrobiodiversity Expert/Agrobiodiversity And Crop Genetic Resources Specialists	2,250	28.00	<ul style="list-style-type: none"> <li>• Conduct feasibility studies and analyze baseline data on agrobiodiversity, conservation and use practices;</li> <li>• Coordinate the project pilot site selection consultation process and collaborate in identification of pilot site selection criteria</li> <li>• Work closely with other national specialists and international specialist in the final definition of full project outcomes, outputs and activities, based on a logical framework analysis and training and capacity building needs assessment</li> <li>• Hold consultations with local and national stakeholders to determine interest and capacities for adoption of different diversity rich practices for mainstreaming agrobiodiversity</li> <li>• Further identification and assessment of on-going and proposed projects that would complement the FSP either through providing co-funding or critical baseline interventions</li> <li>• Provide overall guidance to all national consultants collecting information from potential sites to ensure that data includes: a) elements essential for defining methodologies for the full project and b) initial estimations of potential benefits from different sites so as to facilitate the selection of pilot localities for inclusion in the full proposal.</li> <li>• Coordinate and implement with national partners the logical framework workshop to ensure that project analysis and proposed components and actions capture GEF</li> </ul>



				<p>biodiversity eligibility requirements and that proposed interventions and indicators are appropriate</p> <ul style="list-style-type: none"> <li>• Lead the process of data collection, methodologies, identification and assessment of on-going and proposed projects to complement the FSP, training and capacity needs and process and plan for the project communication strategy for the Full project</li> <li>• Lead stakeholder analysis process and precisely document the roles and responsibilities of each stakeholder. Prepare agendas for learning workshops for capacity development of project partners, bringing in expertise from other national, international government and non-government Institutes and Foundations</li> <li>• Assemble socioeconomic baseline information regarding communities involved in the project and coordinate consultations with local communities and national stakeholders and determine actions, costs, and timelines to include in the FSP for adopting selected diversity rich options areas across countries in the FSP and the replication of these to larger areas over time.</li> </ul>
International	Biodiversity Legal And Policy And Markets Consultant	2,250	10	<ul style="list-style-type: none"> <li>• Provide overall expertise on policies, legislation and regulations regarding the sustainable use and conservation of biodiversity;</li> <li>• Lead and supervise assessment of policy environment and analysis of interventions, including markets;</li> <li>• Provide guidance to other PPG consultants and Government staff on benefit sharing schemes and the actions required in the full project. This would include reviewing inputs from the technical analysis undertaken in the PPG and making recommendations for designing pilot approaches for testing benefit sharing mechanisms, contractual models, and frameworks required for monitoring the delivery of services</li> </ul>