



REQUEST FOR PROJECT PREPARATION GRANT (PPG)
PROJECT TYPE: Full-sized Project
THE SPECIAL CLIMATE CHANGE FUND (SCCF)¹

Submission date: 05 October 2011

GEFSEC PROJECT ID²: 4368

GEF AGENCY PROJECT ID:

COUNTRY(IES): Ghana

PROJECT TITLE: Promoting A Value Chain Approach To Adaptation In Agriculture

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

OTHER EXECUTING PARTNER(S): Ministry of Food Security and Agriculture, Environment Protection Agency

GEF FOCAL AREA: Climate Change Adaptation

A. PROJECT PREPARATION TIMEFRAME

| | |
|------------------------|-----------|
| Start date of PPG | Nov. 2010 |
| Completion date of PPG | Nov. 2011 |

B. PAST PROJECT PREPARATION ACTIVITIES (\$) N.A.

| List of Past Project Preparation Activities | Output of the Activities | Project Preparation Amount (a) | Co-financing (b) | Total c = a + b |
|---|--------------------------|--------------------------------|------------------|--------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total Project Preparation Financing | | 0 | 0 | 0 |

C. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

| Describe the PPG activities and justifications: | | | | |
|--|--|--------------------------------|------------------|--------------------|
| List of Proposed Project Preparation Activities | Output of the PPG Activities | Project Preparation Amount (a) | Co-financing (b) | Total c = a + b |
| Study on training and awareness needs on climate change and design of related communication and capacity building activities | <ul style="list-style-type: none"> Assessment of CC training needs for the project's target groups Assessment of CC-related awareness needs and definition of a CC communication strategy for the local population Design capacity building and awareness activities on climate change and definition of related investments packages Design a CC participatory vulnerability mapping programme to | 6 250 | 5 000 | 11 250 |

¹ This template is for the use of SCCF Adaptation projects only. For other SCCF projects under Technology Transfer, Sectors and Economic Diversification windows, other templates will be provided.

² Project ID number will be assigned initially by GEFSEC. If PIF has been submitted earlier, use the same ID number as PIF.

| | | | | |
|---|---|--------|-------|--------|
| | be undertaken in the project area as part of the target groups empowerment strategy | | | |
| Study on social implications of climate change in the project area, with a focus on women | <ul style="list-style-type: none"> • Undertake a socio-economic analysis of the population in the project area, identifying groups particularly vulnerable to climate change impacts • Definition of a targeting strategy for the project activities. • Analysis of food security status and evaluation of climate change impacts on food security with reference to the project's target groups • Livelihoods assessment and expected adaptation benefit arising from income diversification strategies • Design exchange visit programme with other countries to encourage replication of the project activities beyond the country boundaries | 6 250 | 3 750 | 10 000 |
| Assessment of climate change impacts on the targeted production systems (R&T) in the project area and related responses | <p>This study will look at the technical requirements, the appropriate sites, as well as the size of the investments aimed at increasing the resilience to CC impacts of the targeted agro-ecosystems. These entail:</p> <ul style="list-style-type: none"> • An assessment of the technical feasibility and environmental impact of different types of water management practices and investments to address CC impacts on water resources • Evaluation of needs, gap and potential to introduce improved/resistant R&T varieties • Analysis of the feasibility and options to introduce appropriate SLM and/or agroforestry practices that generate adaptation benefits (in terms of both reducing land degradation and increasing livelihood diversification) in the project area | 10 500 | 9 000 | 19 500 |
| Economic assessment, cost-benefit analysis and financial description of proposed adaptation alternatives | <ul style="list-style-type: none"> • Cost analysis of CC losses in the targeted crop system. • Financial analysis and cost-effectiveness of proposed adaptation alternatives with related costing • Financial flows and management description, including procurement modalities, audits etc. | 10 800 | 9 000 | 19 800 |

| | | | | |
|--|--|----------------|----------------|----------------|
| Technical and institutional design of adaptation investment, implementation modalities and integration of the SCCF component within the baseline | <ul style="list-style-type: none"> • Identify a clear and coherent income diversification-based adaptation strategy responsive to national priorities and define the package of investment needs (both physical and institutional) to reach adaptation benefits. • Propose tailored and well-sized interventions in a coherent adaptation framework in response to project needs and on the basis of technical assessments • Analyze sustainability aspects and suggest innovative solutions to address the sustainability and cost-effectiveness issues • Preparation of a detailed M&E plan and design of an M&E system for the project and for specific adaptation activities. | 23 000 | 20 700 | 43 700 |
| Feasibility study on the technical and financial potential of different types of technologies for adaptation. | <ul style="list-style-type: none"> • Collect the technical information/data required for a feasibility analysis of cassava wastes-based technologies aiming at diversifying income opportunities for the local population looking at physical investment needs; • Assessment of market linkages for income diversification opportunities related to the project's adaptation strategy • Collect data/information on the production/utilization/quality/sale conditions of: starch, flour and vegetable proteins in view of introducing technologies that improve quality during cassava processing. • Identification of energy-based post-harvest technological applications (by type) to reduce CC impacts on marketable agricultural products and on food price volatility | 4 000 | 10 000 | 14 000 |
| Travels | | 39 200 | 35 000 | 74 200 |
| Stakeholder consultations | | 0 | 4 940 | 4 940 |
| PPG management | Day to day management of the PPG - No GEF funding is required. | 0 | 23 000 | 23 000 |
| Total Project Preparation Financing | | 100 000 | 120 390 | 220 390 |

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

| | Project Preparation | Agency Fee |
|---------------|---------------------|---------------|
| GEF financing | 100 000 | 10 000 |
| Co-financing | 120 390 | |
| Total | 220 390 | 10 000 |

E. FOR MULTI AGENCIES/COUNTRIES :N.A.

| GEF Agency | Country Name/ Global | (in \$) | | |
|----------------------------|-------------------------|----------|----------------|--------------------|
| | | PPG (a) | Agency Fee (b) | Total c = a + b |
| (select) | | | | |
| (select) | | | | |
| (select) | | | | |
| (select) | | | | |
| (select) | | | | |
| (select) | | | | |
| Total PPG Requested | | 0 | 0 | 0 |

F. PPG BUDGET REQUESTING SCCF FINANCING

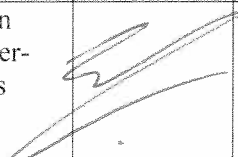
| Cost Items | Total Estimated Person weeks (pw)** | SCCF | Co-financing (\$) | Total (\$) |
|----------------------------|-------------------------------------|----------------|-------------------|----------------|
| Local consultants * | 17 | 23 000 | 17 750 | 40 750 |
| International consultants* | 18 | 37 800 | 39 700 | 77 500 |
| Travel | | 39 200 | 35 000 | 74 200 |
| Stakeholders consultations | | 0 | 4 940 | 4 940 |
| PPG management | | 0 | 23 000 | 23 000 |
| Total PPG Budget | | 100 000 | 120 390 | 220 390 |

* A separate Annex A for Consultant cost details should be included in this PPG Request.

** Person weeks here refers to the weeks that are to be charged to the SCCF grant. One can also provide person months, if this is more applicable to the project. For co-financing, provide only the dollar amount.

G. GEF AGENCY(IES) CERTIFICATION

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

| Agency Coordinator, Agency name | Signature | Date (mm/dd/yy) | Project Contact Person | Telephone | Email Address |
|------------------------------------|---|--------------------|------------------------|---------------|--|
| Elwyn Grainger-Jones |  | 10/04/2010 | Naoufel Telahigue | +390654592572 | n.telahigue@ifad.org |
| | | | Silvia Donato | +390654592176 | s.donato@ifad.org |

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

| Position / Titles | \$/ person week* | Estimated PWs** | Tasks to be performed |
|-------------------------------|-----------------------------|----------------------------|--|
| Local | | | |
| Agronomist/NRM Specialist | 1 500 | 7 | Assess the climate change impacts on the targeted crop production system and identify adequate technologies (drought-resistant/improved varieties) and NRM-based (water management, agroforestry, etc.) response strategies to increase the resilience of agro-ecosystems relevant to the project area. |
| Capacity building specialist | 1 250 | 5 | Assess capacity building and awareness needs of the targeted groups, including extension services, farmers' groups, producers associations, with a focus on young people and women. Identify training activities tailored to the identified needs, design an awareness campaign in the project area and a participatory CC vulnerability mapping exercise with the local communities as part of the local people's empowerment strategy. |
| Sociologist/Gender specialist | 1 250 | 5 | Identify socio-economic impacts of climate change in the project area and on different groups, emphasizing the impacts on women, and identify activities to respond to these impacts with attention to gender-specific concerns and to young people. |
| International | | | |
| Adaptation specialist | 2 300 | 10 | Provide specific technical inputs to guide the consultants' team through a comprehensive and well-tailored adaptation framework. Control quality of inputs and outputs of all consultants. Clarify the additionality of proposed outcomes and activities. Investigate potential options for the project's institutional and implementation arrangements. Develop the project's sustainability strategy and elaborate cost-effectiveness of the proposed interventions. |

| | | | |
|-------------------|-------|---|--|
| Economist | 1 800 | 6 | Carry out comparative analysis of different income diversification strategies Propose and cost in detailed cost tables the selected options to support adaptation and compensate economic losses associated to climate change. Provide inputs to the preparation of the project implementation manual, including financial flows and management. |
| Food Technologist | 2 000 | 2 | Identify the sites and the investments needed to establish middle-sized power generating facilities that make use of cassava wastes as well identify potential applications of the energy produced to post-harvest and processing processes to be transferred to the local population to support adaptation in the project area. |

* Or person month, if applicable. Please indicate clearly.

** Provide weeks or months as appropriate that corresponds to the rate provided in the previous column.