



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-Sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: November 9, 2012

GEF PROJECT ID: 4761

GEF AGENCY PROJECT ID: 615696

COUNTRY: Kyrgyzstan

PROJECT TITLE: Sustainable management of mountainous forest and land resources under climate change conditions

GEF AGENCY: FAO

GEF FOCAL AREA(S): Climate Change/Land degradation

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	01 November 2012
Completion date of PPG	30 June 2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES

Describe the PPG activities and justifications: The PPG process will engage stakeholders and support activities that will inform the preparation of the full project document and CEO Endorsement Request for the Full-Size Project (FSP) "*Sustainable management of mountainous forest and land resources under climate change conditions*". This document will be submitted to the GEF at the end of the information gathering and stakeholder consultation process, together with all co-financing confirmation letters.

The respective partners and co-financers will be fully engaged in the project design phase through consultations, working group meetings, and project development workshops, as appropriate. Some of the PPG workshops will be conducted as part of workshops planned by co-financers as well as by one international consultant on sustainable forest and mountain management. The project partners listed as co-financers in the PIF will have ensured proportional co-funding for the PPG, and will fully participate in the preparation of the full-size project documentation. The PPG activities will consolidate and supplement the existing information supplied in the PIF on the state of mountainous forest and land management problems in Kyrgyzstan and specifically in pilot oblasts. The PPG activities will take into account the lessons learnt from previous GEF projects in the region, and initiatives of other agencies and donors relevant to the subject matter of the project. The project's technical feasibility and economic viability will be assessed together with the risks associated with project implementation.

The PPG will cover the following group of activities under each component of the project as a summary of the types of stocktaking, review and analysis works in order to elaborate suitability of project interventions:

1. Component 1: Strengthening the enabling environment for sustainable forest and land management (agriculture, rangelands and transitional areas). Preparatory activities under this component will contribute to the full design of the project's Component 1. Detailed assessments will be conducted of the relevant policy environment, legal and institutional structures at the national/oblast levels with respect to management of mountainous forest and land resources with a wider landscape approach.

At the national policy, legal and planning level, the preparatory activities will include:

- (i) detailed assessments conducted on the relevant policy environment, legal and institutional structures at the national/oblast levels, taking into account international best practices,
- (ii) information gathered, synthesized and analyzed on: a) forest/land resources use planning and management; b) forest/land management institutions and law, policies and programmes relevant to sustainable land management (SLM)/sustainable forest management (SFM) at the central and oblasts levels, taking into account international best practice;
- (iii) identification of the strengths and weaknesses of forest and land management policy, legislation and standards with a view of introducing and/or improving the coverage of SLM/SFM and REDD + aspects in these regulations (i.e. the Forest Code and Land Code, etc.);
- (iv) analysis of the strengths/weaknesses and opportunities/constraints of the potential conflicts between baseline land uses and SFM/SLM objectives; mechanisms/recommendations developed;
- (v) analysis of the specificity of the mountain environment and assessment of the needs of this ecosystem for achieving sustainable forest and land development,
- (vi) analysis of the extent to which existing laws and policies require or allow for the creation of a supportive and enabling institutional context, assessment and consideration of the full value of ecosystem services rendered by healthy land uses including forests, pastures and arable lands in the pilot project areas;
- (vii) identification of the level of interest and support for piloting different types of agro-environmental incentives and practices including conservation agriculture in mountain areas;
- (viii) recommendations of strategic entry points for new minimum management standards for SFM and SLM; recommendations for

- (ix) practical monitoring and enforcement mechanisms, identification of operational mechanisms for ensuring better collaboration at national level (Ministry of Agriculture (MoA), State Agency of Environment Protection and Forestry (SAEPF), National Agency on Self Governance (NASG), and technical research institutes) and enhanced communication between national and local levels;
- (x) assessment of capacity needs for sustainable forest and land management and outlining and budgeting training programs accordingly;
- (xi) risk assessment and recommendations for mitigation measures, including comprehensive disaster risk reduction strategies in accordance with STAP guidance.

At the oblasts level, the PPG assessment will focus on the 5 oblasts of Kyrgyzstan and will assess and describe:

- (i) oblasts policies and regulatory frameworks affecting the proposed project plans; special consideration will be given to policies on the benefit sharing mechanisms that may or could incentivize SFM/SLM at local levels;
- (ii) past experience in the oblasts on introduction and enforcement of environmental protection and specifically SFM/SLM related regulations;
- (iii) forest and land management budgets, staffing levels and capacity at the local levels.

Assessment of institutional structures and needs for reform through a stakeholder analysis regarding the:

- (i) national and oblast-level roles and responsibilities of the key stakeholder institutions, State Agency on Environmental Protection and Forestry (SAEPF), the Ministry of Agriculture (MoA), other agencies responsible for land management, the regulation, planning, operations and performance monitoring of forest and integrated land management; the governance, cooperation and partnership arrangements between these institutions and organizations;
- (ii) analysis of gaps, needs and options for cross-sectoral and cross-institutional cooperation in the pilot regions as well as on national level and suggestions for the merging of local institutions for participatory integrated natural resources management at local level;
- (iii) capacity constraints in supporting or implementing SFM/SLM activities in the existing operational framework for forest and land management, including an assessment of the capacity of the MoA, SAEPP and NASG and its subsidiary bureaus (and other relevant national and regional government agencies) in terms of SFM/SLM;
- (iv) identification of potential incentives and the capacity development needs of the different stakeholder groups to ensure the sustainability of project investments beyond the term of the project;
- (v) assessment of sectoral planning process and operational procedures as well as participatory management mechanisms;

2. Component 2: Enhancing carbon stocks in dryland forest through innovative management and rehabilitation practices. The preparatory activities under this component are vital for defining the detailed barrier-removal strategy and specifics of forest-level work in Component 2 of the proposed project. The focus will be on designing the implementation measures for the multifunctional management of 20,000 ha of forest land and restoration of 10,000 ha degraded forest lands. The outputs will be: (i) baseline analysis of the state of technology, know-how and information barriers for SFM, affecting global benefits related to improved management of forests; improved vegetative cover of such; avoided emissions and enhancement of carbon stocks; (ii) pressures qualified and quantified on forestland mosaics; (iii) determination of the current spatial distribution of forest and other land uses, and levels of use in the oblasts, existing and potential conflicts among land uses affecting SLM/SFM objectives, (iv) selection of pilot oblasts, and particular SFM challenges and opportunities represented in each oblasts; (v) completion of Tracking Tool; (vi) detailed description of demonstration activities for the planned pilot sites (multifunctional management of 20,000 ha of forest land, restoration of 10,000 ha degraded forest land).

Specifically, the activities covered under this component will:

- (i) Analyze and document in more detail the threats to forest health and their impacts as described in the PIF, including logging, land degradation, erosion, reduced size/health of forest derived products, etc;
- (ii) Analyze the macroeconomic and political context at the national level (key business sectors, socio-economic development, political environment), and its current and future impacts on SFM plans;
- (iii) Identify/confirm the technical and knowledge barriers to effective integration of SFM objectives into oblast-level plans and operations;
- (iv) Collect baseline data on distribution, activities and the socio-economic situation of local communities living within and adjacent to the pilot areas. It will develop plans for monitoring key impacting human activities, including logging and grazing. Guided by global and national experiences and lessons learned on participatory forest management (PFM), appropriate levels and mechanisms of participatory forest management activities with local communities will be designed, as well as required improved livelihood interventions, taking into account STAP recommendations on addressing the interlinked problems of land degradation and poverty ;
- (v) Baseline assessment of innovative sustainable land management practices in the field of land and forest management within the broad landscape approach, including cross-cutting agro forestry practices and energy efficiency technologies that minimize fuel wood consumption;
- (vi) Outlining scope and terms of reference (TORs) for National Land Use, Land Use Change and Forestry (LULUCF) and REDD+ Strategy and Action Plan, national climate change mitigation standards in the LULUCF sectors for integrating carbon sequestration into forestry, agriculture and pasture land uses and practices and decision-making;
- (vii) Outlining scope and TORs for carbon monitoring system for forests and various dryland land use systems on the basis of the FAO EX-ACT tool/GEF STAP monitoring tool and field sampling of forest and other dryland use systems;
- (viii) Identification of native fast growing forest trees for plantations for reducing fuel wood demand in the medium term taking into

- account STAP comments in this regard;
- (ix) Finalize the selection of the project pilot forest areas, including areas for afforestation/rehabilitation and the establishment of plantations. For each pilot area, the PPG will
- Define the spatial extent of the proposed project areas and calculate carbon values at baseline levels and carbon benefits from better management and restoration;
 - Determine the current spatial distribution of forest uses and levels of use in the oblasts, existing and potential conflicts among land uses affecting SFM objectives,
 - Refine forestland indicators of success that are “SMART” with particular focus on unique species and communities of species that “indicate” healthy pasture or forest;
 - Analyze the land-use development plans, projects, programs and initiatives affecting or impacting on the proposed project activities;
 - Reach preliminary agreement with government and local resource users on implementation of demonstration projects;
 - Select SFM impact indicators (with baseline values) to measure the project progress;
 - Develop monitoring plan for each site, taking into account that the key monitoring instrument for the whole project is going to be the relevant tracking tool.
- (x) Produce preliminary maps based upon existing information of the extent of forest cover in the pilot forests. The maps will be used to inform project design and illustrate the project documentation.

3. Component 3: Promoting and demonstrating climate-friendly agriculture, including pastures as part of sustainable land and water management (SL/WM) in drylands. The preparatory activities under this component are key for defining the detailed barrier-removal strategy and specifics sustainable land management practices including arable lands (conservation agriculture), pasturelands and cross-cutting agroforestry practices within the broad landscape approach. The focus will be on designing implementation measures for improved management of 15,000 arable lands through conservation agriculture and soil improvement measures and introduction of improved sustainable land management practices (including agro-silvo-pastoral practices and innovative restoration techniques) on 25,000 ha of degraded lands (in state forest fund and surrounding areas). The outputs will be: (i) baseline analysis of the state of technology, know-how and information barriers for SLM, affecting global benefits related to improved management of arable lands through conservation agriculture and restoration of degraded pastures; improved vegetative cover of such; avoided emissions and enhancement of carbon stocks; (ii) pressures qualified and quantified on state forest fund and surrounding landscapes; (iii) selection of pilot oblasts, and particular SLM challenges and integrated land management opportunities represented in each oblasts; (iv) completion of Tracking Tool; (v) detailed description of demonstration activities for the planned pilot sites (improved management of 15,000 ha arable lands, sustainable land management on 25,000 ha of degraded lands including pastures).

Specifically, the activities covered under this component will:

- (i) Analyze and document in more detail the threats to SLM as described in the PIF, including impacts of climate change, inappropriate agricultural practices and technologies resulted in depletion of soil fertility, soil erosion on steep slopes and increasing salinity and water logging problems;
- (ii) Analyze the macroeconomic and political context at the national level (key business sectors, socio-economic development, political environment), and its current and future impacts on SLM practices;
- (iii) Identify/confirm the technical and knowledge barriers to effective integration of SLM objectives into oblast-level plans and operations;
- (iv) Collect baseline data on distribution, activities and the socio-economic situation of local communities living within and adjacent to the pilot areas. It will develop plans for monitoring key impacting human activities, including inappropriate agricultural practices, over and unplanned grazing and water logging. Guided by global and national experiences and lessons learned through FAO global program on Land Degradation Assessment in Drylands (LADA), appropriate levels and mechanisms of participatory land management activities with local resource users will be designed, as well as required improved livelihood interventions;
- (v) Identify the potential and scope of innovative technologies/practices for improved soil, water and crop management practices in drylands to prevent land degradation, to reduce GHG emissions and increase vegetative cover, to increase soil organic carbon concentration and carbon sequestration, taking into account STAP comments in this regard;
- (iv) Finalize the selection of the project pilot areas, including areas for conservation agriculture and good agricultural practices and pasture restoration. For each pilot area, the PPG will:
- Define the spatial extent of the proposed project areas and calculate carbon values at baseline levels and carbon benefits from better management and restoration;
 - Determine the current spatial distribution of land uses and levels of use in the oblasts, existing and potential conflicts among land uses affecting SLM objectives,
 - Refine SLM indicators of success that are “SMART”;
 - Analyze the land-use development plans, projects, programs and initiatives affecting or impacting on the proposed project activities;
 - Reach preliminary agreement with government and local resource users on implementation of demonstration projects;
 - Select SLM impact indicators (with baseline values) to measure the project progress;
 - Develop monitoring plan for each site, taking into account that the key monitoring instrument for the whole project is going to be the relevant tracking tool.
- (x) Produce preliminary maps based upon existing information of the extent of land use cover in the pilot areas. The maps will be used to inform project design and illustrate the project documentation.

4. Activity 4: Feasibility analysis and budget. PPG funding will be used to assess the feasibility and to develop the detailed budget for the proposed project strategy. Preparatory activities under this cross cutting component will cover:

(i) Detailed description of the baseline project on forest and land management; (ii) incremental reasoning analysis and “GEF alternative” to address the gaps, threats and barriers identified and elaborated in Baseline project; (iii) assessment of the social, economic and financial sustainability of proposed outputs and activities; (iv) quantification of tangible socioeconomic benefits with gender dimensions; (v) risk analysis and mitigation strategy of the project; (vi) assessment of complementary initiatives and coordination strategies; (vii) replication strategy for project activities; (viii) detailed monitoring and evaluation (M&E) plan and budget; (ix) financing plan, including co-financing commitments and incremental costs analysis; (x) assessment of cost-effectiveness of project outputs and outcome; (xi) an initial set of ToRs for project inputs; (xii) CC, LD and SFM tracking tools prepared; (xiii) results framework elaborated with SMART indicators of success; (xiv) ensure that implementation arrangements, partnership strategies and capacities are in place and adequate for successful project implementation and sustainability; (xv) environmental screening. This will include the detailed description of the preferred implementation and governance arrangements for the project.

Proposed Project Preparation Activities	Outputs of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Component 1. Strengthening the enabling environment for sustainable forest and land management (agriculture, rangelands and transitional areas).	(i) detailed description of the legal baseline with respect to the forest management in the pilot oblasts, including an analysis of primary law and policy constraints of gaps hampering stakeholders’ ability to adopt SFM/SLM practices with wider landscape approach; (ii) detailed plan of activities, including ToRs for the proposed consultants to address the legal bottleneck hampering the introduction of : (a) SFM/SLM, REDD + measures; (b) standards and by laws with healthy forest ecosystem criteria for SFM developed; (c) guidelines for enforcement prepared; (d) benefit sharing/long term leasing regulations to incentivize SFM/SLM at local levels; (iii) recommendations for the most appropriate, sustainable and cost effective solution to enabling wi-bi management at the forest agency level, including capacity needs; (iv) capacity needs assessment for participatory forest management with training program outlined and budgeted; (v) description of the baseline scenario with respect to the capacity of key stakeholders involved in forest and land management in pilot project areas; (vi) detailed recommendations for capacity building and institutional mainstreaming actions; (vii) project governance and implementation arrangements described; (viii) stakeholder analysis and participation plan-specific attention to gender and community involvement; (ix) recommendations about incentives for stakeholders to integrate SLM/SFM considerations.	GEFTF	25,000	65,000	90,000
Component 2. Enhancing carbon stocks in dryland forest through innovative management and rehabilitation practices.	(i) detailed description of the baseline project on forest management in pilot areas; (ii) action plan to address the SFM related gaps, threats and barriers refined and elaborated; (iii) key steps and process for enabling national and local level partners to implement practical SFM plans under the project, resulting in measurable improved participatory multi-functional forest management, including ToR for key expert input under the project; (iv) carbon storage and CO2 emissions from forest degradation measured using existing data/ExAct Tool/GEF STAP tool; (v) elaborate clear and practical steps for the project to improve SFM across at least 30,000 ha and to contribute to carbon storage at the level promised in the PIF; (vi) REDD+ actions outlined for implementation in each pilot forest, and environmental and social benefits derived from REDD+ actions; (vii) elaborate peer-to-peer training approach to utilize in the above work and to capture and disseminate good practice for SFM (viii) choice of priority pilot sites for SFM and SLM finalized with clear criteria/ rationale, stakeholder agreement, and clear illustrative maps provided for project proposal.	GEFTF	14,000	90,000	104,000
Component 3. Promoting and demonstrating climate-	(i) Detailed description of the baseline project on SLM in pilot areas; (ii) action plan to address the SLM related gaps, threats and barriers refined and elaborated; (iii) key steps and process	GEFTF	20,000	70,000	90,000

friendly agriculture, including pastures as part of sustainable land and water management (SL/WM) in drylands.	for enabling national and local level partners to implement practical SLM plans under the project, resulting in measurable improved participatory and integrated land management, including ToR for key expert input under the project; (iv) carbon storage and CO2 emissions from agricultural practices and land degradation measured using existing data/ExAct Tool/GEF STAP tool; (v) elaborate clear and practical steps for the project to take in enabling stakeholders to improve SLM across at least 40,000 ha and to contribute to carbon storage at the level promised in the PIF; (vi) detailed description of demonstration activities for the planned pilot sites (improved management of 15,000 ha arable lands, sustainable land management on 25,000 ha of degraded lands including pastures).				
Component 4. Feasibility analysis and budget.	(i) Detailed description of the baseline project on forest and land management; (ii) incremental reasoning analysis and "GEF alternative" to address the gaps, threats and barriers identified and elaborated in baseline project; (iii) assessment of the social, economic and financial sustainability of proposed outputs and activities; (iv) quantification of tangible socioeconomic benefits with gender dimensions; (v) risk analysis and mitigation strategy of the project; (vi) assessment of complementary initiatives and coordination strategies; (vii) replication strategy for project activities; (viii) detailed monitoring and evaluation (M&E) plan and budget; (ix) financing plan, including co-financing commitments and incremental costs analysis; (x) assessment of cost-effectiveness of project outputs and outcome; (xi) an initial set of ToRs for project inputs; (xii) CC, LD and SFM tracking tools prepared; (xiii) results framework elaborated with SMART indicators of success; (xiv) ensure that implementation arrangements, partnership strategies and capacities are in place and adequate for successful project implementation and sustainability; (xv) environmental screening form completed in accordance with FAO environmental impact assessment guidelines	GEFTF	31,909	50,000	81,909
Total Project Preparation Financing			90,909	275,000	365,909

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

	Project Preparation	Agency Fee
Grant Amount	90,909	9,091
Co-financing	275,000	
Total	365,909	9,091

D. PPG AMOUNT REQUESTED BY AGENCY, FOCAL AREAS AND COUNTRY¹ N/A

RUST IND	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
EF	FAO	Climate Change	Kyrgyzstan	27,273	2,727	30,000
EF	FAO	Land Degradation	Kyrgyzstan	40,909	4,091	45,000
EF	FAO	Multi-focal area	Kyrgyzstan	22,727	2,273	25,000
Total PPG Requested				90,909	9,091	100,000

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

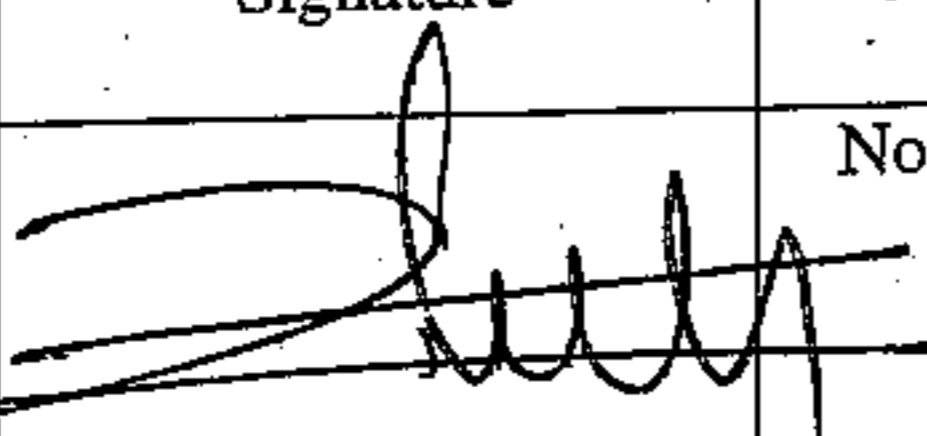
E. PPG BUDGET

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)**	Total(\$)
Local consultants*	48	16,800	20,000	36,800
International consultants*	14	42,000	150,000	192,000
Travel		14,000	20,000	34,000
Workshops and consultations		15,000	60,000	75,000
Translation, data collection, maps		3,109	25,000	28,109
Total PPG Budget		90,909	275,000	365,909

* Annex A for Consultant cost details was prepared first before completing this table. This table is the sum of all local and international consultants presented in Annex A.

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
Laurent Thomas Officer-in-Charge, Investment Centre Division Technical Cooperation Department FAO ICI-Director@fao.org		November 9, 2012	Ekrem Yazici	+90 312 3079518	Ekrem.yazici@fao.org
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Annex A

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

ii) GIZ and FAO Co-financed Consultants Input

A-i: Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/Person Week*	Estimated PWs**	Tasks to be Performed
Local	Forest management and restoration expert	350	16	<p>This is the key national expert and will lead the national experts He/she play a bridge role between national and international consultants. The expert is responsible for follow up on a day-to-day basis on the development of the project including quality control and preparation of all national consultant's reports and required documentation in time, in addition to the technical works s/he needs to perform. the consultant will specifically:</p> <p><u>Overall:</u></p> <ul style="list-style-type: none"> - Contribute to the development of an initial PPG inception report detailing the practical steps required to develop the full sized project proposal, including an overall workplan and detailed TORs and workplans for all local consultants; - Coordinate project preparation with all partners engaged (co-financiers, local authorities, Government); - Ensure the provision of all required documents and relevant information in time with required form and quality; - Help and guide the work of national consultants and oversee compliance with the agreed work plan; - Assist the development of the project logical framework, project M&E plan and budgeting issues.; - Assisst the monitoring of PPG expenditures, commitments and balance of funds under the project budget lines, and draft project budget revisions; Liaise with project partners to ensure their co-financing contributions are provided within the agreed terms; - Coordinates the development of the stakeholder involvement plan. <p><u>Forest management and restoration</u></p> <ul style="list-style-type: none"> - Baseline assessment of existing data on forest and tree resources, level and severity of forest degradation and deforestation in pilot areas and identify gaps regarding sustainable management and restoration of forest resources; - Identify indigenous/innovative sustainable forest management practices within the broad landscape approach, including cross-cutting agro forestry practices and energy efficiency technologies that minimize fuel wood consumption; - Assist in defining and describing threats to sustainable maangement of forest resources stemming from logging, unsustainable management practices, uncontrol grazing, and land use changes in pilot areas; - Assist identification of the technical and knowledge barriers to effective integration of SFM objectives into oblast-level plans and operations - Collect baseline data on distribution, activities and the socio-economic situation of local communities living within and adjacent to the pilot areas, identification of levels and mechanisms of participatory forest management activities with local communities as well as required improved livelihood interventions; - Assist in preparing actions and budgets for the better management of existing forest and restoration of degraded forests including cross sectoral measures; - Identify native fast growing forest trees for plantations to reduce fuel wood demand in the medium term, as well as potential areas for plantation.
Local	Expert on agricultural land uses and pasture	350	12	<ul style="list-style-type: none"> - Assist in defining and describing threats to land management stemming from unsustainable agricultural land uses, uncontrol grazing, and land use changes in pilot areas; - Assists in preparing actions and budgets for the introduction of conservation

	rehabilitation			<p>agriculture and integrated land use;</p> <ul style="list-style-type: none"> - Assists in preparing actions and budgets for the introduction of integrated pasture management and pasture rehabilitation, including agro-silvo-pastoral systems; - Provides recommendations for legal and regulatory amendments to enable introduction of conservation agriculture, pasture management, soil conservation and agro forestry practices; - Defines project strategy with respect to introduction of changes in the local territorial plans in pilot areas with the view to eliminate land use changes and treats stemming from therein; - Assists the expert on sustainable livelihoods in the feasibility study on the alternative land uses; - Assists the team leader in the studies on the agricultural land management and integrated pasture management; - Assist in quantifying the LD impacts of the project with respect to management of agro-forest habitats;
Local	Carbon sequestration and monitoring expert	350	10	<ul style="list-style-type: none"> - Defines criteria for quantifying carbon sequestration for the project area; - Assesses the situation in terms of carbon sequestered by the existing forest cover; - Estimates the intervention needed to improve the carbon sequestration; - Assesses the potential of carbon sequestration by an improved forest cover; - Assist the international carbon calculation expert;
Local	Legal expert on integrated land management	350	10	<ul style="list-style-type: none"> - Gather, analysis and assess information on forest/land management legislation and institutions, policies and programmes, and standards relevant to SFM/SLM at the central and oblasts levels, taking into account international best practice; - Provide quick analyses of the strengths and weaknesses of forest and land management policy, legislation and standards with the view of introducing and/or improving the coverage of SLM/SFM and REDD+; - Provide recommendations for legislative development with regard to SFM and SLM; - Support other PPG consultants in relevant legal issues;
International	Integrated land management expert/project team leader	3,000	10	<p><u>S/he will be the team leader of the PPG consultants and responsible for the overall coordination and design of the full-sized project. The team leader will specifically carry out following activities:</u></p> <p><u>Stakeholder capacity assessment</u></p> <ul style="list-style-type: none"> - Development of the stakeholder involvement plan; - Feasibility analysis of different options for the implementation of the project activities and project governance. This will include the selections and detailed description of the preferred implementation and governance arrangements for the project; - Describes roles, functions and responsibilities of different players (governmental, farmers, research, financial institutions with respect to regulating, planning, implementing activities affecting sound management of mountainous forest ecosystems; - Defines the capacity of the key national stakeholders to implement and sustain the proposed project activities, including recommendations for building capacity integration into the project design; - Analyzes the levels of interest and support/resistance from the main stakeholders for introduction of the landscape approach to SFM/SLM management. This will contribute to the risks management strategy of the project, among other things; - Defines activities and budgets for the training outputs; - Drafts an initial action plan for incorporation of gender aspects in the project, with quantifiable baseline and target indicators, as per GEF and FAO guidance. <p><u>Overall project design:</u></p> <ul style="list-style-type: none"> - Develops, with the support of the international and national experts, an initial PPG inception report detailing the practical steps required to develop the full sized project proposal, including an overall workplan and detailed TORs and workplans for all local consultants; - Compiles and shares with the national PPG team and stakeholders the

				<p>international best experience in policy development, legal and regulatory frameworks and incentive systems for sustainable forest and land area management and integration instruments, such as agro forestry and agro-silvo pastoral systems;</p> <ul style="list-style-type: none"> - Guides the work of all national and international consultants and oversee compliance with the agreed work plan; - Develops a risk analysis table, and development of risk mitigation strategy for the project with the support of international consultants; - Develops a plan for the replication of project activities, assisted by the international expert; - Based on the inputs from national experts and in close cooperation with the key national stakeholders compiles final baseline/situational analysis for the SFM/SLM. This will include a precise definition of baseline projects, activities, budgets, goals and co-financial links to GEF outcomes; definition of GEF incremental value per outcome and output; presentation of results of the incremental cost-analysis in matrices; - Based on national experts inputs, develops project monitoring and evaluation system for the MSP including the completed tracking tool for LD, CC and SLM/REDD+, including a set of indicators, baselines and targets. Develops a costing table for all expected project outcomes and outputs; - Finalizes the project logical framework, with particular emphasis on SFM/SLM indicators; <p>Monitors PPG expenditures, commitments and balance of funds under the project budget lines, and draft project budget revisions; Liaise with project partners to ensure their co-financing contributions are provided within the agreed terms.</p>
International	Carbon calculation expert	3000	2	<ul style="list-style-type: none"> - Take the lead on refining and clarifying the final baseline and target figures in terms of LD benefits (improved land/forest cover) and SFM-REDD + benefits (t CO₂e and the enhancement of carbon stocks and the avoidance of GHG emissions) from the adoption of SFM/SLM in the pilot areas; - Work with project design expert to model/measure GHG emissions likely to be avoided and amount of carbon likely to be sequestered as a result of the project's inputs; - Document baseline carbon data for pilot forest sites; - Based on the inputs from national experts and the best international practice, prepares a quantified assessment of global environmental benefits for LD, CC and SLM/REDD+; - Complete the CC, LD and SFM/REDD+ Tracking Tool as a baseline for future project M&E at the implementation phase.
International	Financial management analyst	3000	2	<ul style="list-style-type: none"> - Working with the project preparation team, collect and compile cost information and prepare a detailed FAO-GEF results-based budget, and complete all budget tables required by FAO and GEF; - Carry out an analysis of the cost-effectiveness of the entire project approach.

* Dollar amount per person week.

** Person weeks needed to carry out the task

A-ii: GIZ and FAO Co-financed Project Preparatory Input

International consultants	
Forest governance and management expert (GIZ) 52 weeks	<p>In close cooperation with national and international PPG consultants and under the GIZ funded forest governance project, the GIZ consultant will cover following tasks and activities:</p> <ul style="list-style-type: none"> - to perform a detailed assessment of the policy, legal and institutional environment at the national and regional (oblast) levels with respect to rehabilitation and sustainable management of forests and pastures ; - to provide technical support to the political dialogue on reforms of the forest management systems fostering decentralized approaches that ensure increased participation of local communities and private sector in forest management, including (a) provision of workshops on forest governance,(b) provision of an detailed analysis of the capacity of the management and forest users and their organizations in potential pilot forest enterprises/regions and discussions on options for improved management (c) provision of support to the development of the national reform concept; - to provide a general baseline assessment of innovative sustainable land management practices in the field of pasture and forest management within the broad landscape approach, including cross-cutting agro forestry practices and energy efficiency technologies that minimize fuel wood consumption; - to provide technical support in identification of suitable pilot regions and areas for afforestation/rehabilitation and the establishment of plantations and provide with the respective baseline on forest and pasture management in those areas, options for improved management and to analyze the technical and managerial capacity of the respective management organizations and user groups; - to analyze gaps, needs and options for cross-sectoral and cross-institutional cooperation in the potential pilot regions as well as on national level and provide suggestions for the merging of local institutions hitherto organized along sector lines in order to create structures for integrated natural resources management at local level; - to analyze options for complementation of ExAct tool aimed on mitigation with the adaptation concerned Climate Proofing for Development (CP4DEV) tool; - to perform a comprehensive consultation process with stakeholders related to forest and pasture management in a broader landscape on all aspects of project design, collecting their recommendations, raising awareness on the project and ensuring project ownership and political support; - to actively participate in all meetings, like inception and planning workshops, including moderation and facilitation of sub-working groups in the field of pasture and forest management, like consultations with key stakeholders a.o.; - to assess the capacity of different national and local partners in the field of pasture and forest management to support implementation of project activities; - to provide technical support for the design of a proper project implementation structure and to foster an enabling framework for cooperation between key ministries; - to analyze the final project by application of the Climate Proofing for Development (CP4DEV) tool; - to closely cooperate with SAEF and FAO and other donor organizations throughout the entire PPG phase and in the final project design;
Sustainable mountain development expert (FAO) 6 weeks	<p>In close cooperation with national and international PPG consultants and the FAO colleagues dealing with Sustainable Mountain Development (SMD) and watershed management, the FAO expert on mountain development will contribute to the project development with following tasks and activities:</p> <ul style="list-style-type: none"> - perform an assessment of the policy and institutional environment at the national and sub national levels with respect to sustainable development of mountain areas; assess the key elements to promote the sustainable development of the mountain areas in the country, looking at mountain agriculture, forestry, social issues, enterprises and cooperatives development; - assess the possible risks that climate change poses on mountain resources and outline disaster risk reduction strategies and mitigation measures - ensure an adequate involvement of the national authorities responsible for SMD in the development of the project document and for promoting an enabling and constructive working environment; - integrate the Mountain Partnership Secretariat and in particular the officers from the Central Asia Hub, based at the University of Central Asia in Bishkek in the development of the project document; - involve the national mountain authorities and other relevant mountain partnership members from the Region in the preparatory meetings; - involve key mountain partnership members – in particular from the donor’s community – as resource and technical partners in the project.