

PILOT PROGRAM FOR CLIMATE RESILIENCE

Summary - Project/Program Approval Request

1. Country/Region:	Tajikistan	2. CIF Project ID#:	XPCRTJ039A
3. Project/Program Title:	Environmental Land Management and Rural Livelihoods		
4. Type of PPCR Investment	Public		
5. Funding Request (in USDmillion total) for Project/Program::	<i>Grant:</i> US\$9.45 million	<i>Loan:</i> N/A	
6. Approved Preparation Grant	<i>Amount (USD):</i> N/A	<i>Date:</i> N/A	
7. Implementing MDB:	World Bank		
8. Other MDB Involvement	<i>MDB:</i> N/A	<i>Type of Involvement:</i> N/A	
9. National/[Regional] Project Focal Point:	Mr. Khairullo Ibodzoda, Head, Environment and Emergency Situations Department, President's Administration		
10. National/[Regional] Executing Agency¹ for project/program:	Committee on Environmental Protection Mr. Talbak Salimov, Chairman		
11. MDB PPCR Focal Point and Project/Program Task Team Leader (TTL):	<i>Headquarters-PPCR Focal Point:</i> Kanta Kumari Rigaud kkumari@worldbank.org	<i>TTL:</i> Angela Armstrong aarmstrong@worldbank.org	

¹ Can be Government agency or private sector firm

12. Project/Program Description:

Component 1. Rural Production and Land Resource Management Investments. The purpose of this component is to provide funding at the community level that would allow rural people to adopt innovative and appropriate practices that reduce land degradation and increase resilience to climate change.

Sub-Component 1.1. Village-based sustainable rural production and land resource management in selected climate vulnerable sites. At the village-level, the project would finance rural productivity investments in three categories: (i) farm production (activities that improve field and horticultural crop productivity and diversity, livestock production efficiency, agro-processing and market access); (ii) land resource management (activities that improve water conservation; soil fertility; pasture management, sustainable sloping lands cultivation, including orchards, woodlots, shelter-belts); and (iii) small-scale rural production infrastructure (activities that improve irrigation/drainage systems, minor transport infrastructure, renewable energy, energy efficiency measures). These activities would be selected based on their potential to reduce land degradation, improve livelihoods and increase resilience to the impacts of climate change.

Sub-Component 1.2. Community Sustainable Pasture Management. This sub-component would finance the development of sustainable participatory pasture and livestock management plans in selected jamaots. The participatory plan would define: (i) measures to improve pasture productivity, such as rotational grazing, protecting areas for regeneration, pasture rehabilitation, improving access to remote pastures, and needs for supplementary fodder production; (ii) grazing utilization levels; (iii) animal health requirements such as vaccinations; (iv) investment needs; and (v) and implementation targets and indicators. Investments could include: (i) infrastructure to access and use remote pastures, such as spot road improvements, stock watering points, shelters, and milk cooling equipment; (ii) machinery to produce and harvest fodder; (iii) rehabilitation measures for degraded areas such as fencing, weed and shrub control, and re-seeding; (iv) inputs for supplementary fodder production such as seeds; (v) animal health measures; and (vi) breed improvement through artificial insemination.

Sub-Component 1.3. On-Farm Water Management. This sub-component aims to introduce sustainable on-farm water management practices in irrigated cropland, particularly in lowland districts. The sub-component would support farmers to introduce, test and demonstrate practices that could contribute to improving on-farm water management and efficiency, maintain soil quality and reduce land degradation, and increase resilience to climate change. Investments could include: (i) provision of equipment for drip irrigation and land-leveling; (ii) cleaning drains to alleviate waterlogging and for salinity control; (iii) provision of seedlings for planting shelter belts, protecting canals and as an intercrop; (iv) materials for conservation agriculture; and (v) seeds of improved drought, pest, disease, and salt-tolerant varieties.

Component 2: Knowledge Management and Institutional Support. This component will provide facilitation services and technical support for rural populations to plan, implement and manage rural investments.

Sub-Component 2.1. Facilitation support and technical advice for mobilization, participatory planning, and implementation of development plans at the village and/or jamaot level.

Sub-component 2.2. Training, analysis, dissemination and networking. A comprehensive training, dissemination and networking program would be instituted to improve skills and knowledge in key topics such as environmental assessment, monitoring and control, and information management; integrated land, water and grazing management including pasture management approaches; sustainable land management and curtailing land degradation; integrated pest management (IPM); pollution control; and climate change adaptation. The project will support analytical work on topics that include soil quality and extent of land degradation, grazing management and livestock production, market development and access to markets, potential incentive policies for environmental measures, sustainable land management practices and changes in productivity and environmental conditions resulting from technological change to provide guidance for the design of rural investments and supporting sustainability of the project's impacts.

Component 3: Project Management. This component will finance the operating costs of an Implementation Group (IG) within the Committee for Environmental Protection (CEP) to carry out project management functions for both Components 1 and 2. Support will be provided for procurement, financial management, coordination, reporting, and monitoring and evaluation. The IG will be responsible for coordinating with the country PPCR Secretariat and participation in PPCR program-level activities.

13. Objective				
The overall project development objective (PDO) is to enable rural people to increase their productive assets in ways that improve natural resource management and resilience to climate change in selected climate vulnerable sites.				
14. Expected Outcomes:				
Progress towards achieving the PDO will be measured using the following indicators and end of project targets:				
<ul style="list-style-type: none"> • Number of households in the total project area participating in at least one type of rural investment will reach 21,000; • Proportion of the population by household in target villages reporting an increase in well-being or household/livelihood assets will be at least 50%; • Area in hectares in the project sites covered by effective agricultural, land, and water management practices will be at least 30,000; and • Proportion of project beneficiaries that are women will be at least 40%. 				
15. Key Results and Indicators for Success (consistent with PPCR Core indicators):				
Result	Indicator			
(a) Increased resilience of households , communities, and society to climate variability and climate change	Cumulative number of households in total project area participating in at least one type of rural production investment			
	Proportion of population by household in target villages reporting increase in well-being or household/livelihood assets			
(b) Strengthened adaptive capacities	Cumulative number of villages implementing community action plans based on climate change adaptation and environmental appraisals			
16. Budget:				
Expenditures²	Amount (USD) - estimates			
Component	Estimated Cost (USD mil)	PPCR Grant (USD mil)	GEF Grant (USD mil)	Local Communities (USD mil)
1.Rural Product and Land Resource Management	9.75	5.30	2.50	1.95
2.Knowledge Management and Institutional Support	4.80	2.40	2.40	
3.Project Management	2.25	1.75	0.50	
Total Cost	16.80	9.45	5.40	1.95
Co-Financing³:	<i>Amount (USD million):</i>		<i>Type of contribution:</i>	
• Others:				
○ Global Env Facility (GEF)	5.40		Grant	
○ Local Communities	1.95		In-kind/cash	
Co-Financing Total	7.35			

² Expenditure categories should be provided by the MDBs based on own procedures.

³ This includes: in-kind contributions (monetary value), MDB loan or grant, parallel financing, etc.

17. **Project/Program Timeframe**

Expected Board/MDB Management⁴ approval date: March 28, 2013

Expected Mid-Term review date: TBD

Expected Project/Program closure⁵ date: May 31, 2018

18. **Role of other Partners involved in project/program⁶:** The Pilot Program for Climate Resilience (PPCR) is implemented through a partnership of the World Bank, ADB, and EBRD. In addition, under this specific project, strong partnerships will also be established with DFID, GIZ, USAID, FAO, and IFAD.

19. **Implementation Arrangements** (incl. procurement of goods and services):

The project follows the concept of community-driven development with CIGs or other community-based organizations such as PUGs or WUAs taking responsibility for the choice, design and management of rural investments and resource management plans. Experienced, locally based NGOs will facilitate community mobilization, participatory planning, identification of CIGs, rural investment planning and implementation, and will help build the technical and administrative capacities of these groups. Similarly, facilitation support will be contracted for the preparation of pasture and on-farm water management plans, which will be implemented at larger scales of operation than the rural production investments.

Given the project's emphasis on environmental land management and climate change resilience, the CEP with its mandate for natural resource management and climate change policy, as well environmental awareness raising and environmental monitoring, will serve as the project's implementing agency. An Implementation Group (IG) established within the CEP, comprising existing CEP staff and contracted technical assistance, will have responsibility for project management and coordination functions. The IG will prepare overall project work plans and budgets, update operational manuals, facilitate inter-ministerial coordination, and carry out project administration (e.g., financial management, procurement, specialist recruitment, monitoring, evaluation and reporting). The project IG will contribute to the overall PPCR program, including reporting project results, lessons learned, etc., into the broader PPCR/SPCR results framework, participation in programmatic knowledge management activities and annual reviews, etc.

An inter-ministerial commission will also be established to support interagency coordination, monitor project progress, as well as settle controversies that might arise during project implementation. The commission will be chaired by the CEP Chair, and will include representatives from the Ministry of Agriculture, State Land Committee, Academy of Sciences, State Investment Committee, Ministry of Energy, and Ministry of Land Reclamation and Water Resources. The PPCR Secretariat in Tajikistan will also serve as a mechanism for inter-ministerial coordination and sharing of information about project activities and any concerns.

20. **Other Information:**

⁴ In some cases activities will not require MDB Board approval

⁵ Financial closure date

⁶ Other local, national and international partners to be involved in implementation of the project/program.