



Pakistan: Federally Administered Tribal Areas Water Resources Development Project

Project Name	Federally Administered Tribal Areas Water Resources Development Project	
Project Number	47021-002	
Country	Pakistan	
Project Status	Active	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	Loan 3239-PAK: FATA Water Resources Development Project	
	concessional ordinary capital resources lending / Asian Development Fund	US\$ 42.97 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development	
Sector / Subsector	Agriculture, natural resources and rural development - Forestry - Irrigation - Water-based natural resources management	
Gender Equity and Mainstreaming	Some gender elements	
Description	<p>The scope of the proposed project will be based on the recommendations of the water assessment study carried out under FRDP, which address the issues such as water scarcity, insufficient irrigation facilities, water conservation, and weak water resource management. The study identified that groundwater aquifers in all the watersheds were depleting even under average weather conditions because of unplanned exploitation of groundwater for irrigation and domestic use, and recommended shift from groundwater to surface water. It identified potential for developing surface water resources for irrigated agriculture and other uses, and integrating that with the watershed management and command area development to ensure sustainable use of the resources without degrading the watersheds. It proposed sites for small reservoirs/ponds and diversion weirs in 44 watersheds of Mohamand, Bajaur, and Khyber Agencies to bring new land under irrigation along with improved watershed management. The Project will provide irrigation supplies in three agencies to increase crop production of the rain fed area and unutilized land to be brought under cultivation. It will (i) construct small reservoirs/ponds, diversion weirs, and conveyance channels; (ii) develop command area; and (iii) improve watershed management. The project impact will be increased farm incomes in the project area thereby reducing poverty and increasing household food security. The project outcome will be improved agricultural productivity of selected watersheds and their associated natural resource base. Project outputs include (i) construction of new irrigation infrastructure, including nine small concrete gravity dams with a maximum height of 15 meters each, 31 diversion weirs, and 95 kilometers of main and secondary irrigation channels; (ii) improved on-farm management through construction of 144 kilometers of lined watercourses, terracing and land leveling on a command area of 4,615 ha, along with installation of rain and stream gauges to measure water availability; (iii) improved watershed management on 5,050 ha through afforestation of the degraded watersheds and, where appropriate, construction of check dams; and (iv) efficient project management and evaluation.</p>	

Project Rationale and Linkage to Country/Regional Strategy	<p>FATA is one of the most poor and deprived regions in Pakistan. Its total population is around 4.5 million and about 97% of the population lives in rural area. Socioeconomic indicators, such as health, education, water supply, roads, and agriculture land holdings are lowest in FATA as compared to country and neighboring Khyber Pakhtunkhwa (KP) province. The predominant rural population relies mainly on subsistence agriculture and livestock rearing for their livelihood. Only 8% of the total 2.7 million hectares area is cultivated, and 38% of the cultivated area is irrigated while remaining 62% is rain fed. Land holdings are small, nearly 85% of the households own less than 2 hectare of land, which is insufficient for sustaining livelihoods. Climatic conditions in FATA are arid. Water scarcity is one of the greatest challenges, which undermines efforts to improve socioeconomic conditions of the FATA inhabitants. Groundwater aquifers are depleting rapidly in most of the watersheds due to reduced rainfall and unplanned exploitation. The unplanned utilization of water resources particularly groundwater, deforestation, and over grazing of rangelands has put immense pressure on the natural resources. The watersheds are consequently in a degraded condition resulting in depletion of water resources and vegetation cover, and affecting the overall environmental equilibrium.</p> <p>The proposed Federally Administered Tribal Areas (FATA) Water Resources Development Project (FWRDP) is located along the western border of Pakistan with Afghanistan. It complements ADB's investments in three agencies of FATA (Mohmand, Bajaur, and Khyber) made through ADB-financed FATA Rural Development Project (FRDP), which was completed in March 2012.</p>
Impact	Farm income in the project area (Bajaur, Khyber, and Mohmand agencies) is increased.

Project Outcome

Description of Outcome	Improved agricultural productivity of selected watersheds and their associated natural resource base
Progress Toward Outcome	<p>Inception mission was conducted from 3-4 May 2016 and time bound action plan was agreed to speed up the project implementation which is significantly behind schedule. Loan review mission was conducted on 7-9 December 2016 for review of progress and review of agreed action plan. Key staff of Project Management Unit and Project Implementation Units was hired and mobilized. Staff turnover is a major issue. Currently, PMU is involved in a continuous process of filling the positions that fall vacant. FATA Secretariat will strengthen PMU and avoiding staff turnover by improving the remuneration structure and support through individual consultants during the design phase. The matter of staff turnover was discussed in the 2017 Country Portfolio Review with Economics Affairs Division (Borrower) and will be discussed in planned Project Steering Committee meeting expected to meet in Q2 2017. Meanwhile PMU prepared and sent proposal to ADB for engaging 1 individual consultant to support PMU.</p> <p>The office accommodation has been arranged. Procurement of goods is completed. Major procurement of vehicles is complete</p>

Implementation Progress	
Description of Project Outputs	<ol style="list-style-type: none"> 1. Construction of new irrigation infrastructure 2. Improved on-farm water management 3. Improved watershed management 4. Efficient project management and evaluation <p>2. Project planning, management, and support strengthened</p>
Status of Implementation Progress (Outputs, Activities, and Issues)	<p>Not yet started. Not yet started. Not yet started. Civil works are not started yet.</p> <p>Inception mission was conducted from 3-4 May 2016 and time bound action plan was agreed to speed up the project implementation which is significantly behind schedule. Loan review mission was conducted on 7-9 December 2016 for review of progress and review of agreed action plan. Key staff of Project Management Unit and Project Implementation Units was hired and mobilized. Staff turnover is a major issue. Currently, PMU is involved in a continuous process of filling the positions that fall vacant. FATA Secretariat will strengthen PMU and avoiding staff turnover by improving the remuneration structure and support through individual consultants during the design phase. The matter of staff turnover was discussed in the Country Portfolio Review with Economics Affairs Division and will be discussed in planned Project Steering Committee meeting expected to meet in Q2 2017. The office accommodation has been arranged. Procurement of goods is completed. Procurement of vehicles is complete</p> <p>2. The design and construction supervision consultants were mobilized in November 2016. The consultants have provided the inception report and draft design report of the three pilot sub-projects. The consultants have also started preliminary studies for 37 sub-projects.</p> <p>3. Due to delay effectiveness, staffing and establishment of PMU/PIUs, and initiating design and supervision consultant recruitment process (key action), the project is behind schedule by more than a year. The project team will try to fast track activities where possible.</p> <p>4. The prequalification process has started for civil works. The invitation for prequalification was advertised in the last week of March 2017 and the deadline for receiving the application is 11 April 2017.</p>
Geographical Location	Federally Administered Tribal Areas (FATA)

Safeguard Categories

Environment	B
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Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	Initial Environmental Examinations (IEE) for the identified subprojects and an Environmental Assessment and Review Framework (EARF) that provides the steps to be taken for subprojects to be selected during the project implementation stage have been prepared and posted to the web.
Involuntary Resettlement	Construction of new reservoirs, weirs and channels may require land acquisition. Land required for each subproject will be few hectares and most of which expected to be barren communal land. The land acquisition and resettlement framework (LARF) for the Project and land acquisition and resettlement plan (LARP) for each core subproject have been prepared and posted to the web.
Indigenous Peoples	There are no indigenous people in the project area

Stakeholder Communication, Participation, and Consultation

During Project Design	The main stakeholders of the project are the households that will benefit from additional land brought under irrigation and improved access and more reliable irrigation water. Negative effects are not envisaged. The beneficiaries have been consulted during the project design.
During Project Implementation	Beneficiaries will be mobilized through social mobilization process and community organizations (COs) will be formed. These will participate in identification, planning, design and implementation of the subprojects.

Business Opportunities

Consulting Services	The consulting services will be required for design and management support. A National consulting firm for Design and Supervision will be recruited due to high security risk for International Consultants in the Project area.
Procurement	The anticipated procurement will include small works contracts, which will be procured by using ADB's national competitive bidding procedures.

Responsible Staff

Responsible ADB Officer	Zafar, Asad A.
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Pakistan Resident Mission
Executing Agencies	<i>FATA Secretariat Warsak Road Peshawar, Pakistan</i>

Timetable

Concept Clearance	29 Jul 2013
Fact Finding	22 May 2014 to 02 Jun 2014
MRM	04 Nov 2014
Approval	15 Dec 2014
Last Review Mission	-
Last PDS Update	27 Mar 2017

Loan 3239-PAK

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
15 Dec 2014	17 Apr 2015	07 Aug 2015	30 Sep 2020	-	-

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage	

Project Cost	47.90	Cumulative Contract Awards			
ADB	42.97	15 Dec 2014	4.76	0.00	12%
Counterpart	4.93	Cumulative Disbursements			
Cofinancing	0.00	15 Dec 2014	1.95	0.00	5%

Status of Covenants						
Category	Sector	Safeguards	Social	Financial	Economic	Others
Rating	-	Satisfactory	-	Satisfactory	-	-

Project Page	https://www.adb.org/projects/47021-002/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=47021-002
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