



# Tajikistan: Water Resources Management in Pyanj River Basin Project (Additional Financing)

Project Name	Water Resources Management in Pyanj River Basin Project (Additional Financing)				
Project Number	47181-004				
Country	Tajikistan				
Project Status	Proposed				
Project Type / Modality of Assistance	Grant				
Source of Funding / Amount	<table><tr><td>Grant: Water Resources Management in Pyanj River Basin Project (Additional Financing)</td><td></td></tr><tr><td>concessional ordinary capital resources lending / Asian Development Fund</td><td>US\$ 15.00 million</td></tr></table>	Grant: Water Resources Management in Pyanj River Basin Project (Additional Financing)		concessional ordinary capital resources lending / Asian Development Fund	US\$ 15.00 million
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Strategic Agendas	Inclusive economic growth				
Drivers of Change	Governance and capacity development				
Sector / Subsector	Agriculture, natural resources and rural development - Irrigation				
Gender Equity and Mainstreaming	No gender elements				
Description	<p>The proposed grant will help finance the cost overruns of the original project for constructing a sediment excluding basin (SEB), which is the key infrastructure for the sustainability of the project to decrease the sediment inflow by 85% to the upper stream of the Chubek Irrigation System (CIS). The cost overrun was identified by acquisition of historical suspended sediment particle size distribution data and detailed topographic data during the detailed design stage which was not available during the feasibility study. The data resulted in a revised design criteria and general arrangements to address the new information, and accommodate an alternative basin flushing method. It was identified that a larger basin size will be required to achieve the expected sediment removal, and the construction cost for the SEB will increase accordingly.</p>				
Project Rationale and Linkage to Country/Regional Strategy	<p>ADB approved the original project on 28 September 2016 to support the agricultural development in the Pyanj River Basin (PRB) by improving the government's water resources management (WRM) capacity, and increasing agricultural productivity and water use efficiency in irrigated agriculture. The project became effective on 8 August 2017. The Ministry of Energy and Water Resources (MEWR) and the Agency for Land Reclamation and Irrigation (ALRI) are the project executing agencies. Under the MEWR-led component, the project has established river basin organizations and strengthened their capacity for river basin management, including improved monitoring of water use for irrigation. The project also supports Tajikistan's contribution to the joint management of the PRB through the Afghanistan-Tajikistan Pyanj River Basin commission. Under the ALRI-led component, the CIS is to be modernized and climate-proofed, including the irrigation and drainage infrastructure and pumping stations. The project also supports capacity building of farmers and water user associations on water use efficiency and agricultural productivity.</p> <p>The first additional financing was approved on 21 June 2018 to expand the scope of the original project to include capacity building and institutional development of the State Agency for Hydrometeorology of Tajikistan (Hydromet), and provide quality climate services for WRM, agricultural production, and disaster risk reduction in the PRB in southern Tajikistan. It became effective on 7 March 2019. Hydromet is the executing agency for the first additional financing. Improved information delivery, forecasting, and warning by Hydromet aims to (i) support efficient WRM and agricultural productivity among river basin organizations, water user organizations, and farmers; and (ii) reduce disaster impacts to settlements, water resources infrastructure, and irrigation infrastructure.</p> <p>In order to complete the construction of the SEB, which is the key infrastructure of the original project, and achieve the project's outcome, it is necessary to approve the second additional financing. Completion of the SEB will contribute to the: (i) reduction of sediments entering the CIS canal, (ii) increase in irrigation conveyance efficiency of on-farm canals in CIS, (iii) increase in pump efficiency of select pump stations in CIS, and (iv) provision of access to water for select households, which are the key activities in output 2.</p>				
Impact					
Outcome					
Outputs					
Geographical Location					
Safeguard Categories					
Environment	C				
Involuntary Resettlement	C				
Indigenous Peoples	C				
Summary of Environmental and Social Aspects					
Environmental Aspects					
Involuntary Resettlement					
Indigenous Peoples					
Stakeholder Communication, Participation, and Consultation					
During Project Design					
During Project Implementation					

Responsible ADB Officer	Shimasaki, Akihiro
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, CWRD
Executing Agencies	Agency for Land Reclamation and Irrigation 5/1 Shamci Street Dushanbe Tajikistan

Timetable	
Concept Clearance	18 Sep 2019
Fact Finding	-
MRM	15 May 2020
Approval	-
Last Review Mission	-
Last PDS Update	31 Mar 2020

Project Page	<a href="https://www.adb.org/projects/47181-004/main">https://www.adb.org/projects/47181-004/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=47181-004">http://www.adb.org/forms/request-information-form?subject=47181-004</a>
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