



China, People's Republic of: Xinjiang Kelamayi Ecological Forest Infrastructure

Project Name	Xinjiang Kelamayi Ecological Forest Infrastructure	
Project Number	48036-001	
Country	China, People's Republic of	
Project Status	Active	
Project Type / Modality of Assistance	Technical Assistance	
Source of Funding / Amount	TA 8767-PRC: Xinjiang Kelamayi Ecological Forest Infrastructure	
	Technical Assistance Special Fund	US\$ 600,000.00
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Knowledge solutions	
Sector / Subsector	Agriculture, natural resources and rural development - Agricultural drainage - Irrigation - Land-based natural resources management - Water-based natural resources management	
Gender Equity and Mainstreaming	Some gender elements	
Description	<p>Rapid urban development in water scarce areas poses serious challenges for the sustainable economic development in many parts of the People's Republic of China (PRC). For example, Kelamayi Municipality, located in the northwest of Xinjiang Uyghur Autonomous Region and characterized by a dry climate, is an important national energy base. The municipality has experienced rapid urban and economic development for the past several decades, mainly driven by oil and gas extraction. Over the last 10 years, the city experienced an average growth rate of 0.5%, while the population has grown from 250,000 in 1994 to 380,000 in 2010. Expecting continued economic growth in the city, the Kelamayi Municipal Government (KMG) recognizes the need for strengthening the management and protection of its natural resources, in particular with respect to its scarce water resources.</p>	

Project Rationale and Linkage to Country/Regional Strategy

The future of Kelamayi Municipality largely relies on sustainable and efficient usage of surface water and groundwater, and increased reuse of treated wastewater. Surface water resources from two small rivers are derived from snowmelt from the area near the Tarbagatai and Saur mountain ranges during the period of April to August. Since 2008, the city receives water from the international Irtysh River, through the Irtysh_Kelamayi Canal. The KMG has constructed two large reservoirs, Ayi-Kule and San-Pin, which are used for domestic, industrial, and agricultural water use. Groundwater resources in Kelamayi are limited, and in certain areas saline.

Critical to the municipality's continued development is the implementation of strategies that increase water conservation and water use efficiency for the agricultural sector, one of the largest water users in Kelamayi. The KMG plans to reduce usage of raw water by (i) increasing the use of treated wastewater, and (ii) adapting more appropriate agroforestry practices for the area. The KMG has issued multiple policy documents and regulations that embrace environmentally sustainable economic growth as essential to improving urban living conditions in the city. The Kelamayi Central Urban Area Master Plan 2010_2020 sets out principles for water reuse that support this development. Those principles are the foundation for the Kelamayi water sector plans.

Moreover, the KMG recognizes the need to introduce better incentives for agricultural enterprises and local farmers to strengthen the value chain to improve the quality of the agricultural products. Implementation of the envisaged inclusive development approach, together with improved water use efficiency, would demonstrate how responsible agroforestry production can be achieved in the agricultural development zones under scarce water conditions.

Government policy and ADB's country strategy. The proposed project is consistent with the PRC's long-term goal to ensure that environmental resources and peoples livelihoods are not undermined by rapid urban and economic development. The Third Plenary Session of the 18th Central Committee of the Communist Party Congress in November 2013 emphasized the importance of eco-civilization and the application of red-lines to halt environmental degradation. The PRC government has now included sustainable management of scarce water resources as a performance indicator for local governments, and emphasized the need to strengthen eco-civilization approaches as part of the local development planning.

The proposed project is also in line with ADB's country partnership strategy, 2011_2015 for the PRC in supporting the government's overarching strategic goal by focusing on inclusive and environmentally sustainable growth. The project will contribute to ADB's Water Operational Plan 2011_2020 by demonstrating: (i) increased water use efficiencies across the range of users, (ii) integrated water resources management, and (iii) expanded knowledge and capacity development that uses technology and innovation more directly. The project is expected to promote sound management practices for the conservation and re-use of water resources, and introduce sustainable agroforestry in Kelamayi Municipality. The proposed project is included in ADB's lending pipeline as 2016 firm for the PRC. Project loan is proposed as financing modality of the project.

Impact

Project Outcome

Description of Outcome

Progress Toward Outcome

Implementation Progress

Description of Project Outputs

Status of Implementation Progress (Outputs, Activities, and Issues)

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design

Main stakeholders are the involved government agencies, such as the Kelamayi Municipal government, as well as the local agricultural development committee and the state owned enterprises, forming the executing, implementing and management groups of the project and ADB. The TA will determine who the beneficiaries are, how they are represented, and which populations are negatively affected. All stakeholders will be consulted and participatory meetings held to ensure their voices are heard during the TA.

During Project Implementation

Business Opportunities

Consulting Services	The PPTA will be carried out by a team of consultants. A total of 14 person-months (pm) of international and 23 pm of national consulting services will be required. The consulting firm was selected by (i) inviting simplified technical proposals, and (ii) using the quality- and cost-based selection method, with a quality_cost ratio of 90:10 according to ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consulting firm was mobilized in June 2015.
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Responsible Staff

Responsible ADB Officer	Radstake, Frank
Responsible ADB Department	East Asia Department
Responsible ADB Division	Environment, Natural Resources & Agriculture Division, EARD
Executing Agencies	<i>Kelamayi Municipal Government Yingbin Road 60, Karamay, Xinjiang People's Republic of China</i>

Timetable

Concept Clearance	-
Fact Finding	-
MRM	-
Approval	24 Nov 2014
Last Review Mission	-
Last PDS Update	22 Mar 2017

TA 8767-PRC

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
24 Nov 2014	17 Dec 2014	17 Dec 2014	31 Jan 2016	31 Jan 2018	-

Financing Plan/TA Utilization						Cumulative Disbursements		
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
600,000.00	0.00	0.00	0.00	0.00	0.00	600,000.00	24 Nov 2014	405,765.55

Project Page	https://www.adb.org/projects/48036-001/main
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