



Uzbekistan: Solid Waste Management Improvement Project

Project Name	Solid Waste Management Improvement Project
Project Number	45366-004
Country	Uzbekistan
Project Status	Active
Project Type / Modality of Assistance	Loan
Source of Funding / Amount	Loan 3067-UZB: Solid Waste Management Investment Program Ordinary capital resources US\$ 69.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth
Drivers of Change	Governance and capacity development
Sector / Subsector	Water and other urban infrastructure and services - Urban policy, institutional and capacity development - Urban solid waste management
Gender Equity and Mainstreaming	Some gender elements
Description	The project fully supports the government's priority of improving Tashkent's solid waste management (SWM) system through an investment package to accelerate waste minimization and recycling initiatives, upgrade and rehabilitate the city's solid waste collection and transfer systems, and develop a new sanitary landfill (SLF) to potentially serve the city until at least the year 2060. Concurrently, it will assist government to develop a national SWM strategy and investment program in order to guide national SWM sector improvements over the medium term. The project also supports the government's recent proposals to progressively increase private sector involvement in SWM provision, reduce carbon emissions and improve air quality.
Project Rationale and Linkage to Country/Regional Strategy	The Project aims to provide an improved SWM system in Tashkent city, resulting in upgrading urban infrastructure and services. The Project will support the development of an international standard sanitary landfill, rehabilitation of transfer stations and a modernization of the waste collection and transfer fleet. The Project will also provide capacity development support and formulation of a national SWM strategy.
Impact	Improved urban environment and quality of life for the residents of Tashkent city.

Project Outcome

Description of Outcome	Improved SWM services and management in Tashkent city
Progress Toward Outcome	The contracts for the individual EA consultants were awarded in July/August 2015. Contract for waste collection bins was awarded in November 2016 with 50% supplied in December 2016, the contracts for project implementation consultant and audit consultancy firms were awarded in January 2017. The engagement of capacity building consultant is ongoing, contract is expected to be awarded in Q2 2017. The procurement of landfill is expected to commence in Q2 2017, and contract award is expected in Q1 2018.
Implementation Progress	
Description of Project Outputs	1. Rehabilitated and expanded SWM system in Tashkent city 2. Strengthened operational capacity 3. National SWM strategy
Status of Implementation Progress (Outputs, Activities, and Issues)	To be assessed. To be established. To be established.
Geographical Location	Tashkent city

Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	Taking into account the potential environmental impacts associated with the construction and operation of sanitary landfill, rehabilitation of transfer stations and demolishing the transfer stations, the project team recommends that the project should be classified as a "B" project in accordance to ADB's SPS 2009 for environment. The Initial Environmental Examination (IEE) including environmental management and monitoring plan (EMP) will be prepared. The loan covenant to empower the implementation of EMP will be included in the loan document.
Involuntary Resettlement	The project will need to acquire about 30 hectare of land. Therefore, the project team recommends that the project should be classified as a "B" project in accordance to ADB's SPS 2009 for Involuntary Resettlement. The land acquisition and resettlement plan (LARP) will be prepared and loan covenant will include all requirements to implement LARP.
Indigenous Peoples	In the project area and affected areas, none of the community, group of people maintain a separate cultural and social identity from the mainstream Uzbekistan society that would classify them as ethnic group, ethnic minority or indigenous people as describe in ADB SPS, 2009. Therefore, the project team recommends that the Project should be classified as a "C" project in accordance to ADB's SPS 2009 for Indigenous Peoples.

Stakeholder Communication, Participation, and Consultation

During Project Design	Female Mahalla advisors will be trained to provide practical recycling advice, in partnership with the national and city women's committee. A rapid household survey of recycling practices and gender roles was conducted under project preparatory technical assistance, and consultations were held with local farmers and waste pickers on the development of the resettlement plan and specific gender measures.
During Project Implementation	Further consultations are identified in the respective plans and will continue during project implementation. Lack of civil society involvement was identified as a risk in the DMF but will be addressed through adequate information disclosure and effective management. The household survey found households willing to minimize and segregate solid waste.

Business Opportunities

Consulting Services	All consultants will be recruited according to ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Consultants support will be provided under the project to the EAs and PIU. This support will include project management, financial management, procurement, contract administration, safeguards implementation, and monitoring and evaluation. For the EA, four individual specialists will be engaged. Given that these experts will function independently of each other, they will be recruited using the individual consultant selection method. For the PIU, a consulting firm will be engaged to provide specialist technical support in the technical design and engineering aspects of SWM, procurement of civil works and goods contracts, and construction monitoring and supervision. In addition to the PIU consultants, two consulting firms will be recruited for the following sub-projects (i) SLF design and supervision, and (ii) community collection points design and supervision. The project also provides technical support through a firm of capacity development consultants in five strategic areas: (i) national SWM strategy formulation; (ii) waste minimization and recycling program development; (iii) formulation of an associated media and public awareness program; (iv) a transport logistic assessment to define optimal solid waste collection and transfer system designs; and (v) operational and management support for SWM system operations. Given the envisaged technical complexities and the requirement for high quality, all consulting firms will be engaged using the quality- and cost-based selection method with a quality cost ratio of 80:20 in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The exception to this will be the recruitment of a firm of auditors which will be recruited using least cost selection, as the contracts are very small and routine in nature.
Procurement	Procurement capacity assessment of the IA has been undertaken and included as a linked document. Based on the findings of the assessment, the thresholds for procurement of goods and works as well as consulting services have been defined, and the degree of ADB oversight (prior and post review) has been recommended. These are set forth in the underlying procurement plan.

Responsible Staff

Responsible ADB Officer	Hu, Ruoyu
Responsible ADB Department	Central and West Asia Department
Responsible ADB Division	Urban Development and Water Division, CWRD

Executing Agencies

State Committee for Nature Protection
 N.YUNUSOV@UZNATURE.UZ
 5, Mustakillik street
 Tashkent
 Uzbekistan
 Tashkent Hokimiyat (Municipality)
 TASHKENT.PROTOCOL@GMAIL.COM
 6 Amir Temur Street,
 Tashkent
 Uzbekistan

Timetable

Concept Clearance	14 Dec 2011
Fact Finding	20 May 2013 to 30 May 2013
MRM	23 Aug 2013
Approval	27 Nov 2013
Last Review Mission	-
Last PDS Update	15 Mar 2017

Loan 3067-UZB

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
27 Nov 2013	27 Feb 2014	29 Dec 2014	30 Jun 2019	-	-

Financing Plan		Loan Utilization			
	Total (Amount in US\$ million)	Date	ADB	Others	Net Percentage
Project Cost	76.00	Cumulative Contract Awards			
ADB	69.00	27 Nov 2013	7.38	0.00	11%
Counterpart	7.00	Cumulative Disbursements			
Cofinancing	0.00	27 Nov 2013	4.50	0.00	7%

Project Page	https://www.adb.org/projects/45366-004/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=45366-004
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