

WATER SUPPLY AND SANITATION PROJECT

Country: TAJIKISTAN City: DUSHANBE	Status: COMPLETED Application approved: 11/APR/2017	Key Sector(s): WATER SUPPLY AND SANITATION
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PROONENTS

Local Executive Body of the State Authority in Dushanbe City Republic of Tajikistan	Mr. M. Zuvaydzoda First Deputy Mayor Local Executive Body of the State Authority in Dushanbe City 80 Rudaki Avenue Dushanbe City Republic of Tajikistan	Geography and Population Area: 125 km ² Population: 800,000 Dushanbe is the capital city of Tajikistan and is the major contributor to the national budget. Tajikistan was ranked the most vulnerable country to climate change in Europe and Central Asia (Adapting to Climate Change in Europe and Central Asia, World Bank, 2010) and has the second least capacity to adapt.
Central State Partner Ministry of Finance of the Republic of Tajikistan	Other Partners Asian Development Bank (ADB)	

KEY CITY DEVELOPMENT ISSUES

The water supply and sanitation systems of Tajikistan’s towns and cities were established under the former Soviet Union and have undergone significant deterioration in the intervening years due a combination of age, a lack of further capital investment and a lack of preventative operation and maintenance. The water supply systems are characterized by intermittent operation, high non-revenue water (NRW), low pressures, and low energy efficiency. Public health in Tajikistan is generally poor.



Intervention Areas Source of Maps: Wikipedia.org

DETAILS OF COOPERATION

The prime objective of the CDIA project preparation study (PPS) is to identify and prepare, to feasibility/preliminary engineering design stage, a priority sub-project targeting demand management and the reduction of NRW in Dushanbe through the introduction of district metering areas, together with the rehabilitation/replacement of the water transmission, storage, distribution system and customer connections, including the associated electrical and mechanical equipment such as pumping stations and booster disinfection systems, and the installation of customer water meters. Parallel objectives include the preparation of a sanitation investment road map, improved water supply and sanitation infrastructure resilience and an institutional capacity development road map for the Dushanbe Vodakanal, the authority responsible for water supply and sanitation in the city.



Dilapidated wastewater treatment plant

CDIA’s PPS is being carried in close cooperation with a parallel ADB financed Transaction TA which will address commercial aspects and the due diligence tasks leading to a subsequent ADB loan.

EXPECTED DEVELOPMENTAL IMPACTS

The project will lead to improved access to basic infrastructure and water quality which will lead to improved public health and a more equitable distribution of public services. As such it will directly benefit the urban poor.
Furthermore, the project will introduce the concept of urban resilience in the city and will improve the security of public services.
The project will directly contribute to the achievement of SDGs 6, 11 and 13.



PROJECT PERIOD	Sep 2017 – Mar 2018	EXPECTED INVESTMENT FOLLOW UP	
CDIA SUPPORT	US\$ 500,000	Est. infrastructure investment value	45 mil US\$
CITY CONTRIBUTION	US\$ 112,500 (in kind)	Potential sources of financing ADB	