

WATER SUPPLY AND SANITATION IMPROVEMENT PROJECT

Country: MONGOLIA		Status: COMPLETED	Key Sector(s): WATER SUPPLY; WASTEWATER MANAGEMENT		
City: DARKHAN		Application approved: 05/NOV/2012			
PROONENTS			Geography and Population		
<p>Governor Darkhan-Uul Province Mongolia, 450059 Darkhan, Darkhan-Uul province</p> <p>Phone: (+976) 26-3168 Email: info@moud.gov.mn Website: www.mcup.gov.mn</p>		<p>Mr. Erdenebat Gombojav Governor of Darkhan-Uul Aimag Mayor of Darkhan city</p> <p>Phone: (+976) 3172 28023 Email: dar-gov@mongol.net</p>		<p>Area: 103 km² Population: 93,554</p> <p>The city of Darkhan is located 230km from Ulaanbaatar, the capital city of Mongolia. The city was built in the middle of nowhere in 1961 as a satellite town to take pressure off the sprawling Ulaanbaatar, and as a northern industrial centre.</p>	
<p>Central State Partner Ministry of Construction and Urban Development</p>		<p>Other Partners DARKHAN US SUVAG</p>			
KEY CITY DEVELOPMENT ISSUES					
<p>The overall city's development plans focus on the following areas:</p> <ul style="list-style-type: none"> - Water supply and sanitation conditions within the ger areas are poor – with water supply only obtainable from water kiosks (consumption measured at 5 to 10 litres per capita per day), sanitation restricted to on-plot long-drop toilets, and no access to the centralised heating system. - While conditions are significantly better within the core urban areas, with full household services provided to apartments and low-rise housing, both the water supply and sewer networks suffer from ageing and dilapidated infrastructure resulting in significant leakage from both systems, and frequent system failures. - Most of the sewer network also dates from 1965, and although the three main wastewater pumping stations and central wastewater treatment plant function reasonably well most of the time, they are at, or beyond, the end of their economic life. 					
DETAILS OF COOPERATION					
<p>CDIA supported activities include:</p> <p>a) Comprehensive Pre-Feasibility Study (PFS) encompassing (i) the conceptualization of prioritized urban water supply and wastewater management improvement infrastructure for the city of Darkhan; and (ii) development of a modular tool for generic similar investments in other provincial capitals in the country;</p> <p>b) An Integrated Urban Infrastructure Investment Program (as part of the PFS), including financing plans and financial and economic analyses for the proposed prioritized sub-projects, including assessment of viability through financial and economic rate of return analysis on investments;</p> <p>c) Capacity development activities for the enhancement of the Darkhan City Government's ability to prepare implement and operate public infrastructure projects in the water supply and sanitation sector.</p>					
EXPECTED DEVELOPMENTAL IMPACTS					
<ul style="list-style-type: none"> - Improved access to good quality and affordable potable water supply and sanitation services to the entire population of Darkhan - More efficient and cost effective servicing - Innovative approaches to reduce non-revenue water - A sustainable and self-financing water supply and wastewater management service provider - Improved quality of ground and surface water in and around Darkhan 					
PROJECT PERIOD		FEB/2014 - JUL/2014		EXPECTED INVESTMENT FOLLOW UP	
CDIA SUPPORT		280,575 US\$		Est. infrastructure investment value 124.2 mil US\$	
CITY CONTRIBUTION		10,000 (in kind)		Potential sources of financing	
				ADB (18.5 mil US\$)	
			<p>Intervention Areas <small>Source of Maps: Wikipedia.org</small></p>  <p>Typical apartment buildings in Darkhan</p>  <p>"Ger" area</p>		