

DRAINAGE AND WASTEWATER MANAGEMENT PROJECT

Country: PHILIPPINES City: LA UNION, SAN FERNANDO	Status: COMPLETED Application approved: 04/APR/2014	Key Sector(s): FLOOD & DRAINAGE MANAGEMENT; WASTEWATER MANAGEMENT
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PROONENTS	Geography and Population
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City Government of San Fernando San Fernando, La Union City Hall, San Fernando City, La Union Philippines, 2500 Phone: (63) 072 888 6906 Website: www.sanfernandocity.gov.ph	Mr. Valmar Valdez Environmental Department Coordinator City Government of San Fernando Phone: (63) 072 888 6901 local 104 Email: valmar_valdez.com	Area: 105.3 km ² Population: 114,813 The City of San Fernando is the Provincial capital of La Union. It is the financial, industrial and political of the province, and alos the regional center of the Ilocos Region (Region I). Tourism and Agriculture are the main industries of the city. Te Poro Point Special Economic Zone is located in San Fernando.
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Central State Partner National Economic and Development Authority (NEDA)	Other Partners	
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KEY CITY DEVELOPMENT ISSUES	
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The overall city's development plans focus on the following areas:

San Fernando has no sewerage system. Wastewater, including the effluent from septic tanks is directly discharged into the drainage system and ultimately into bodies of water. Currently, households that use septic tanks are estimated at 52%, while the remaining households are at risk of disposing excreta into the environment, consequently polluting the water bodies and increase the health risk of the population. To address this issue at hand, the city now focuses on wastewater management, specifically on (i) improving drainage and sanitation infrastructure to meet basic health and flood mitigation requirements; (ii) improving ground and surface water resources and (iii) improving the city's institutional capacity to address these issues.



Intervention Areas Source of Maps: Wikipedia.org

DETAILS OF COOPERATION	
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CDIA supported activities include:

d) Preparation of a Pre-feasibility Study focusing on "Integrated Wastewater Management" through (i) the improvement of drainage and sanitation infrastructure and the development of a Liquid Waste Management – Strategic Plan; (ii) analysis and preparation of an investment project to ensure delivery of more benefits than costs (iii) due diligence on social and environmental safeguards and (iv) capacity building activities

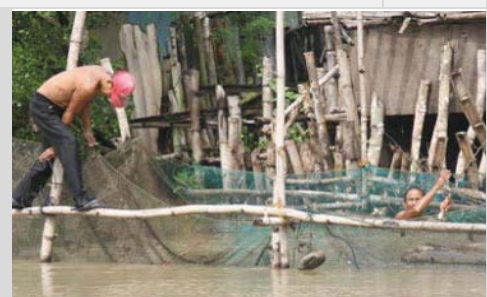
e) Link the above-mentioned studies to potential financiers



Communal Latrines on the beach in San Fernando, la Union

EXPECTED DEVELOPMENTAL IMPACTS	
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- Improved sewerage and sanitation facilities will have positive impacts on both the environment and the health of the city's population, as well as promoting environmental awareness among its citizens
- The improved and low cost wastewater sanitation facility will benefit the poor population of the city, as well as women and children who are most vulnerable and adversely affected by water borne diseases and poor sanitation.
- Improvement of institutional capacity in delivering quality and cost effective service to citizens is also expected.



Illegal settlements living along polluted creeks

PROJECT PERIOD	JUN/2015 – MAR/2016	EXPECTED INVESTMENT FOLLOW UP	
CDIA SUPPORT	232,112 US\$	Est. infrastructure investment value	18.56 mil US\$
CITY CONTRIBUTION	48,400 (in kind)	Potential source of financing	
		National Government (DPWH)	