Sri Lanka: Supporting Capacity Development for Wastewater Management Services in Colombo

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Supporting Capacity Development for Wastewater Management Services in Colombo</th>
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<tr>
<td>Project Number</td>
<td>36173-032</td>
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<tr>
<td>Country</td>
<td>Sri Lanka</td>
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<tr>
<td>Project Status</td>
<td>Closed</td>
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<tr>
<td>Project Type / Modality of Assistance</td>
<td>Technical Assistance</td>
</tr>
<tr>
<td>Source of Funding / Amount</td>
<td>TA 7320-SRI: Supporting Capacity Development for Wastewater Management Services in Colombo</td>
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<tr>
<td></td>
<td>Technical Assistance Special Fund</td>
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<tr>
<td></td>
<td>Multi-Donor Trust Fund under the Water Financing Partnership Facility</td>
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| Strategic Agendas | Environmentally sustainable growth |
| | Inclusive economic growth |
| Drivers of Change | Governance and capacity development |
| | Partnerships |
| Sector / Subsector | Water and other urban infrastructure and services - Urban sewerage |

| Gender Equity and Mainstreaming | No gender elements |

**Description**

Project Rationale and Linkage to Country/Regional Strategy

ADB has been the major development partner in the water supply and sanitation sector in Sri Lanka since 1998. In a bid to complement the Government’s efforts in improving the country’s wastewater system, ADB initiated processing of the Greater Colombo Wastewater Management Project (the Project) in 2005 with an objective of improving the urban environment and public health of urban and suburban residents in Greater Colombo. A feasibility study was conducted in 2006 and 2007 for the Project through ADB’s project preparatory technical assistance. However, the processing had been on hold for a few years due to the uncertainty surrounding legal ownership of sewerage assets in the Colombo municipality, before it was resumed in September 2008 for further processing. The needs to develop institutional capacity of CMC had been highlighted in view of its responsible for municipal service delivery to citizens. The Government agreed and supported the proposed CDTA, based on which the CPS confirmed the TA.

**Impact**

Operating efficiency and management performance improved in wastewater services of CMC.

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<th>Project Outcome</th>
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<td>Description of Outcome</td>
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<td>Progress Toward Outcome</td>
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<th>Implementation Progress</th>
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<td>Description of Project Outputs</td>
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The TA will be implemented over a period of 20 months, from September 2009 to April 2011. The TA team has developed a benchmarking and performance assessment framework for wastewater services being provided by CMC. This framework has been approved by PMU and ADB. Data proposed by the TA is handed over to the Director Drainage of the CMC, for the provision and approval of data collection. The district engineers have been alerted to commence the collection of baseline data. The TA team has prepared detailed implementation schedule up to contract award stage for most of the important civil works and equipment packages. The mission was informed that the Evaluation (ME) Officer to be recruited has been interviewed and selected in February 2011. It is expected to engage the ME officer after the DSC is mobilized. The mission noted that the first updated version should be submitted by the end of May, 2011.

Surveys under TA. Several Surveys were undertaken by the TA program in collaboration with the PMU, which are currently at various stages of implementation. The surveys will provide preliminary information and data for the DSC consultants as well as the IDC consultants. Also the surveys were expected to yield vital information to enhance the capability of the Colombo Municipal Council to meet its loan repayment capacity.

Technical surveys. TA team has identified requirements of various technical surveys (such as topographical and geo-technical surveys etc.).

Wastewater Quantity Survey. A concept was developed to carry out the environmental surveys for assessment of quantity, quality at various locations of wastewater discharge with special emphasis on inter-agency discharges (cross-boundary flows between CMC and NWSDB) and industrial effluents.

Wastewater Quality Survey. Regarding to the wastewater quality survey, it will deliver very relevant investigated information regarding the city wastewater which will be very relevant to the decisions with regard to Environmental Safeguards required under the Loan Agreement.

Sewerage Property Connection Database. A concept was developed to computerize the sewerage property database with operational details.

Creation of Sewerage Geographic Information System (GIS). Currently the most updated digitized sewer maps for CMC services area are held by NWSDB, who confirmed its willingness to hand over the digitized maps to CMC at the cost to be agreed between the parties. Updating Database of Ratable Properties. As part of revenue enhancement initiatives under CMC’s cost recovery plan, property tax is the biggest revenue source for CMC and has great potential for increase. CMC’s assessment department will lead the survey with good monitoring and supervision for fair, transparent and equitable implementation of survey.

The Mission considers that all proposed surveys are in line with the envisaged objectives of the TA to build basic baseline database to be utilized for the IDC and DSC in developing systems and programs to strengthen institutional and operational capacity of CMC.

The TA team will also develop a human resource development plan for CMC personnel and other stakeholders of the Loan Project. This will include an action plan for study tours, training programs, workshops over the period of the TA. Capacity building in procurement, financial management and project implementation is an ongoing exercise by the TA team: as on job training and conducting seminars and workshops. 9 workshops on procurement, 3 workshops on financial management have been conducted from beginning of this TA. The mission commended the work done by the TA consultant.

The original plan for the exposure overseas study tour has not been implemented as yet. The TA was completed in 30 June 2011. Major achievements under the TA are:
1. Establish a fully functional PMU and execute start up activities;
2. Develop RFQs and assist the EA to recruit the DSC and IDC team of experts;
3. Capacity building in procurement of goods and services and financial management;
4. Survey on wastewater flow measurement;
5. Soil and topographical survey of pumping station premises;
6. Wastewater quality survey;
7. Survey of ratable properties in the city of Colombo;
8. Develop a database of property connections for the CMC;
9. Collating historical data of sea outfall, force mains, pumping stations, video records of previous investigations, CCTV survey of renovated sewer lines;
10. Initiation of the process of development of an Asset Management System for the Sewerage Division of the Colombo Municipal Council;
11. Identification of the main points at which the future Sewerage Division will provide customer service and detail flow chart development for the main activity;
12. Undertake several Training and overseas Exposure Visits for CMC senior and operational staff;
13. Development of the Financial Management Manual and training of PMU staff on financial management and accounting procedures and practices applicable to the use of ADB funds;
14. Training of PMU staff on procurement of goods and works, recruitment of consultants, bid evaluation and the development of the Two Stage Two Envelope DBO bidding document and "Works"

Geographical Location

Summary of Environmental and Social Aspects

Environmental Aspects

Involuntary Resettlement

Indigenous Peoples

Stakeholder Communication, Participation, and Consultation

During Project Design

During Project Implementation

Business Opportunities

Consulting Services

The TA will be implemented over a period of 20 months, from September 2009 to April 2011. In conducting the TA activities, international (total of 16 person-months) and national (total of 26 person-months) consultants will be engaged on an individual basis in accordance with ADB’s Guidelines on the Use of Consultants (2007, as amended from time to time).

Responsible ADB Officer

Mingyuan Fan

Responsible ADB Department

South Asia Department

Responsible ADB Division

Urban Development and Water Division, SARD

Executing Agencies

Ministry of Internal & Home Affairs and Provincial Councils & Local Government (formerly Ministry of Provincial Councils, Local Government & Sports)

Mr. Cashian Herath

330 Union Place, Colombo 2

Sri Lanka

Timetable

Concept Clearance

17 Apr 2009
Fact Finding: 10 May 2009 to 14 May 2009
MRM -
Approval: 28 Jul 2009
Last Review Mission -
PDS Creation Date: 30 Jul 2009
Last PDS Update: 03 Aug 2011

TA 7320-SRI

Milestones

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<th>Approval</th>
<th>Signing Date</th>
<th>Effectivity Date</th>
<th>Closing</th>
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Financing Plan/TA Utilization

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<tr>
<th>ADB</th>
<th>Cofinancing</th>
<th>Counterpart</th>
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<tr>
<td>500,000.00</td>
<td>150,000.00</td>
<td>125,000.00</td>
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Cumulative Disbursements

Project Page: https://www.adb.org/projects/36173-032/main
Request for Information: http://www.adb.org/forms/request-information-form?subject=36173-032
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