

TC ABSTRACT

TT-T1048

I. Basic project data

Country/Region:	Trinidad & Tobago
TC Name:	National Integrated Solid Waste Management Strategy
TC Number:	TT-T1048
Team Leader/Members:	Rodrigo Riquelme (INE/WSA), Team Leader; Alfredo Rihm (INE/WSA); Evan Cayetano (WSA/CTT), Irene Cartín (INE/WSA); and Guillermo Eschoyez (LEG/SGO)
Indicate if: Operational support, client support, knowledge generation & dissemination	Client support
If Operational Support TC, give number and name of Operation Supported by the TC:	N/A
Date of TC Abstract:	August 23, 2013
Beneficiary	Republic of Trinidad & Tobago
Executing Agency and contact name	BID, INE/WSA
IDB Funding Requested:	\$180.000
Local counterpart funding, if any:	\$0
Disbursement period:	12 months
Required start date:	October 2013
Types of consultants:	Consultant firm
Prepared by Unit:	INE/WSA
Unit of Disbursement Responsibility:	INE/WSA
Included in Country Strategy (y/n):	Yes (IDB Country Strategy with Trinidad and Tobago, for 2011-2015).
GCI-9 Sector Priority:	Protection of the environment, response to climate change, institutions for growth and social welfare

II. Objective and Justification

The growing interest of Bank member countries to develop sustainable strategies of solid waste management has been reflected in recent years with an increase in the number of operations. Currently, there are in execution 10 solid waste operations for about US\$400 million. Additionally, on the pipeline, there are five operations for US\$250 million and in execution 14 TCs for about US\$4.00 million. Two of the most relevant operations in terms of its impact are located in the Caribbean, specifically in Belize and Guyana (BL-L1006 and GY055, respectively).

At a glance, the sector in solid waste management in Trinidad & Tobago is facing similar challenges to other Caribbean countries. The Trinidad and Tobago Solid Waste Management Company Limited (SWMCOL) has been given the overall responsibility for waste management by the central government with the specific responsibility for collection, final disposal, as well as paper and cardboard recycling activities. There is a main disposal site (Beetham) which accounts for 65% of this country's waste which should reach its capacity within the next few years; therefore, there are large

quantities of waste improperly disposed of. Additionally, due to the country's geography which is compounded by a group of small islands with a fragile ecosystem and limited land space, the impacts associated with inappropriate solid waste management practices are particularly sensitive.

Several actions, both institutional and operational, must be carried out in order to improve this situation. As a key component of a broad solution, Trinidad and Tobago needs to develop an appropriate, comprehensive, and realistic strategy, incorporating all the components of an integrated solid waste system, including proper collection practices, minimization, recovery, treatment and sanitary final disposal, accompanied by the necessary institutional, social, economic and educational support to ensure a sustainable solution.

The objective of this TC is to assist the Government of the Republic of Trinidad and Tobago in the preparation of a proposal for a National Integrated Solid Waste Management Strategy, in order to establish a roadmap for the sector challenges, considering all local strengths and weaknesses in the solid waste sector.

III. Description of activities

The main component of this TC is the development of the Bank's proposal of National Integrated Solid Waste Management Strategy for Trinidad and Tobago. In order to prepare this document, the following activities and outcomes are considered:

Outcome 1: Sector Diagnosis, including: (a) the development of an understanding of the waste system; (b) development of an understanding of the regulatory system; (c) development of an understanding of the administrative system; (d) and the identification of management and operational issues and options for improved waste management.

Outcome 2: Development of the Strategic Plan, considering an integrated waste management strategy and action plan to achieve environmentally, technically, institutionally sound solutions for solid waste collection and disposal in Trinidad and Tobago. This Plan should reflect the views of the Government agencies and other relevant stakeholders in shaping a strategy and action plan that will meet the challenges of an evolving society and delivers on the aspirations of sustainable development.

For the first outcome, the main outputs include: (i) project mobilization of a consultant firm; (ii) background review; (iii) assessment of existing solid waste system in Trinidad and Tobago; (iv) conduct a first participatory workshop with key stakeholders; (v) perform a gap analysis; and (vi) document the existing waste management system in Trinidad and Tobago, including the following data: waste quantities; waste flows; waste costs; and system map.

For the second outcome, the main outputs include: (i) identification of an overall action plan; (ii) develop capital cost estimates; (iii) preparation of a draft report; (iv) prepare for and participate in a second stakeholder workshop; and (v) preparation of final 'Solid Waste Management Strategic Plan Report.

Indicative Results Matrix

Indicators Output and Outcome	Unit	Base Line	Target
Outputs			
Workshops delivered	Workshop	0	2
Solid Waste Management Strategic Plan report completed	Report	0	1
Outcomes			
Sector diagnosis completed	Diagnosis	0	1
Number of times governments used knowledge produced for policy design/implementation	Number	0	1

IV. Budget

Indicative Budget

Activity/Component	Description	IDB/Fund Funding	Counterpart Funding	Total Funding
Sector Diagnosis	Consultancy	82,000	0	82,000
Development of the Strategic Plan	Consultancy	64,000	0	64,000
Travel expenses of international consultants	Air ticket, lodging, per diem	13,000	0	13,000
Travel expenses of IDB staff	Air ticket, lodging, per diem	4,000	0	4,000
Logistics	Local transportation, organization of 2 workshops	8,000	0	8,000
Contingencies	-	9,000	0	9,000
Total		180,000	0	180,000

V. Executing agency and execution structure

The GORTT will submit to the Bank a letter requesting the execution by the Bank of this TC. This project involves the joint collaboration with the Trinidad and Tobago Solid Waste Management Company Limited (SWMCOL).

VI. Project Risks and issues

No risks.

VII. Environmental and Social Classification

Given the nature of the activities to be financed by this TC, and in accordance with the guidelines of the Environment and Safeguard Compliance Policy (OP-703) Policy, the TC is classified as Category "C".