

TC ABSTRACT

I. Basic Project data

▪ Country/Region:	Haiti
▪ TC Name:	Water availability on the Southern Coast
▪ TC number:	HA-T1207
▪ Team Leader/Team members:	Corinne Cathala (INE/WSA), Team Leader; Carlos Faleiro (CHA/WSA); Denis Grave, Irene Cartin and Fernando Miralles (INE/WSA); Serge Troch (VPS/ESG); Bruno Jacquet (INE/RND); Jose Luis Irigoyen (CDH/CDH) and Louis-Francois Chretien (LEG/SGO)
▪ Indicate if: Operational support, Client support or Investigation and dissemination	Operational Support (supports operation HA-L1095 Sustainable Coastal Development Program)
▪ Date of the TC abstract:	February 25, 2015
▪ Reference to request:	2015 Haiti CPD
▪ Beneficiary (countries or entities, which are recipient of the technical assistance):	Government of Haiti
▪ Executing agency and contact name:	IDB headquarters
▪ IDB funding requested:	US\$500,000 (Aquafund)
▪ Local counterpart funding, if any:	None
▪ Disbursement period (which includes execution period):	24 months
▪ Required start date:	April 2015
▪ Types of consultants (firms or individual consultants):	Firm and individual consultants
▪ Prepared by Unit:	INE/WSA
▪ Unit of Disbursement Responsibility:	INE/WSA
▪ TC included in Country Strategy:	Yes
▪ TC included in CPD:	Yes
▪ GCI-9 Sector Priority:	(i) Supports small and vulnerable countries; (ii) contributes to poverty reduction; and (iii) supports environmental sustainability

II. Objectives and TC justification

2.1 The Strategic Plan for the Development for Haiti (PSDH) presented by the Government of Haiti (GoH) in 2012 clearly sets tourism as a pillar for the country's economic recovery, targeting the sector as a means of generating wealth and creating jobs.¹ In its strategy for economic recovery, the PSDH calls for investment in sectors that can contribute to competitiveness including tourism. In this scope, the Ministry of Tourism (MT) is working to create the conditions to put Haiti on the map as a tourist destination.

¹ Strategic Plan for the Development of Haiti, 2012.

- 2.2 On the Southern Coast of Haiti, between Cotes-de-Fer and Aquin, the MT has defined the ZAEI 1 (*Zone d'aménagement eco-touristique intégré 1*), which consists of 8 sections and a ninth section in the mountainous area called "La Baliene".
- 2.3 The Bank is supporting this initiative with a recently-approved U\$36 million investment grant (HA-L1095 -Sustainable Coastal Tourism Program), which aims at increasing tourism employment and income for the local population and low income areas on the Southern Coast. The program will finance two components: (i) enhancement of the tourism product; and (ii) tourism governance and capacity building.
- 2.4 With respect to the first development phase, Section 4 of the ZAEI 1 was selected, for which four factors were taken into account, such as: (i) road accessibility; (ii) availability of a large plain area, with a flat topography; (iii) presence of panoramic views; and (iv) presence of bays and beautiful long beaches. This section is located at the center of tourist corridor and it is the largest section of the whole ZAEI 1, which is expected to attract private investments for the development of the sector.
- 2.5 The primary objective of this TC operation is to assess current and future water availability for the development of the above-mentioned project and an Integrated Water Resources Management (IWRM) plan on the Southern Coast of Haiti at three different levels: (i) within the identified area with the implementation of the findings and recommendations of the consultancy carried out at the end of 2014; (ii) within the area to support the development of an IWRM plan; and (iii) within the MT to serve as a pilot project for future programs to assess water availability.
- 2.6 This TC is consistent with the Bank's Country Strategy for Haiti for 2011-2015 (GN-2646), which sets the water and sanitation sector as a priority sector. It is also included in the 2015 Haiti Country Program Document. The operation is also aligned with the lending targets of: (i) small and vulnerable countries; (ii) poverty reduction and equity enhancement; and (iii) climate change, sustainable energy and environmental sustainability included in the report of the ninth general capital increase (GCI9) of the Bank.

III. Description of Activities

- 3.1 The activities to be financed by the TC operation consist of the following: (i) exploratory program for the water resources of Section 4 of ZAEI 1 on the Southern Coast; (ii) development of an hydrologic model: this model will be utilized to quantify current and future water availability and quality and guaranty the sustainability of the tourism project as described; the model will address the following specific technical components: (a) surface and groundwater availability (water balance); (b) water use; (c) impacts under different climate and development (localized climate projections, land use, water allocation) scenarios; (d) flood risk analysis, in particular, for Section 4 of the ZAEI 1; and (e) the potential for salinity intrusion; (iii) water resource studies for the whole ZAEI 1 (Lozandieu Bay). Water availability studies for section 1 up to 8, from the village of Cote-de-Fer to Aquin, including the mountain section of "La Baliene", section 9; (iv) additional water resource studies for Ile-a-Vache, Port Salud and St. Jean du Sud; (v) development of an Integrated Resource Management plan for the ZAEI 1; and (vi) creation of a Steering Committee. DINEPA, as national regulatory entity, the MT and IDB will be on the Steering Committee to carry out the follow-up of this TC.

IV. Indicative Budget

- 4.1 This TC operation is expected to utilize resources from the Multi-Donor Aquafund. An indicative budget is presented below:

Activity	Total Funding (US\$)
Exploratory program in Bwa Dom valley and/or the Pastwalet valley or any other area.	325,000
Preparation of the bidding documents for the exploratory program, offer's evaluation, work's supervision and preparation of the final reports.	90,000
IWRM for the Bwa Dom valley and the whole watershed	70,000
Complementary works and supply of goods	15,000
TOTAL	500,000

V. Execution Agency and Execution Structure

- 5.1 Given the urgency related to the contracting of the studies and, as agreed with the GoH, the TC operation will be executed by the Bank. The GoH will be closely involved in the execution of the TC operation as the MT and DINEPA will be participating in a Steering Committee to monitor the implementation of the TC together with the Bank.
- 5.2 The Bank will contract all goods and works according to current corporate acquisitions policies and procedures, contained in Bank Document and according to GN-2349-9 and consulting services (firms and individual) according to policy GN-2350-9.

VI. Project Risks and Issues

- 6.1 The primary risk for implementation of this TC operation is the lack of quality (i.e. potential misinterpretation of the geophysical data) of the existing studies as the exploratory program will be based on the findings and recommendations of a previous consultancy on water resources in the area of Lozandieu Bay. An additional risk consists of a lack of commitment of the institutions involved such as the MT or DINEPA. The creation of the Steering Committee in which the Bank will be participating will help mitigate that risk.

VII. Environmental Safeguards

- 7.1 Given that this TC operation will finance the contracting of studies, no negative impacts are expected during the execution of the operation. As such, this operation has been classified as a category C.