

## TC ABSTRACT

### I. Basic Project Data

▪ Country/Region:	BARBADOS/CCB - Caribbean Group
▪ TC Name:	Walkers Reserve Integrated Master Plan and Restoration Pilot
▪ TC Number:	BA-T1059
▪ Team Leader/Members:	ALLENG, GERARD P. (CSD/CCS) Team Leader; WATSON, GREGORY (CSD/CSD); ANAITEE MILLS (CSD/CCS); FRANKLIN, ROCHELLE (CCB/CBA); RAJACK, ROBIN MICHAEL (CSD/HUD); PRADO, VERONICA RODRIGUES DO (INE/ENE); LEYVA MUNOZ, CESAR (CSD/CSD); SAAVEDRA, JOSE JORGE (CCB/CCB); GOMEZ, JUAN CARLOS (CSD/CSD); ANGEL GOMEZ, ANGELO EDUARDO (CSD/CCS); CHAKALALL, YURI (CSD/RND); PADILLA, MARIA CAMILA (VPC/FMP); RODRIGUEZ PINEDA, MARIO VINICIO (VPC/FMP)
▪ Taxonomy:	Client Support
▪ Number and name of operation supported by the TC:	N/A
▪ Date of TC Abstract:	21 Jan 2019
▪ Beneficiary:	WIRRED - Walkers Institute for Regeneration Research, Education and Design
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	\$ 650,000.00
▪ Local counterpart funding:	\$ 75,000.00 (In Kind)
▪ Disbursement period:	30 months
▪ Types of consultants:	Individuals; Firms
▪ Prepared by Unit:	Climate Change
▪ Unit of Disbursement Responsibility:	Country Office Barbados
▪ TC included in Country Strategy (y/n):	No
▪ TC included in CPD (y/n):	Yes
▪ Alignment to the Update to the Institutional Strategy 2010-2020:	Environmental sustainability

### II. Objective and Justification

- 2.1 The main objective is to develop an integrated master plan for the rehabilitation of Walkers Reserve and implement a pilot intervention on restoration. The program will be designed to take a comprehensive approach to environmental sustainability, climate change adaptation and mitigation, disaster risk management, the restoration and conservation of natural capital. Given the strategically important location of Walkers Reserve to a national park, the master plan will include components that value the potential recreational, sustainable agriculture, food markets, tourism and commercial opportunities for community resilience.
- 2.2 Climate change has been described as one of the formidable challenges of our time and Latin America and the Caribbean is one of the most vulnerable areas to its impacts “because of its geography, climate, socioeconomic conditions and demographic factors, and even the great sensitivity of its natural assets such as forests and its biodiversity to climate change” (UNECLAC, 2014). The effects of these climate impacts have altered our modern understanding of climatic patterns, restructured economies and transformed lives. Latin America and the Caribbean (LAC) are comparatively negligible contributors to global greenhouse gas (GHG) emissions

at an average of 12% of total global emissions but this percentage is expected to increase under the existing regional development trends. Even with the implementation of the Paris Agreement, there are suggestions that achieving the target of 1.5 – 2°C is not on track, leaving SIDS at greater risk to impacts of climate change. Additionally, continuing land use changes including those related to the extractive industries have added to mounting environmental, economic and social pressure on SIDS. Therefore, the identification and implementation of climate smart and sustainable business models and strategies is critical to their existence. These strategies should be based on the utilization of the elements of the Blue Economy which is a natural economic avenue for island territories. It should also be based on the regenerative, reformulate and reuse elements of circularity or Circular Economy principles, given the constraints of materials and land space of these territories.

The Walkers Reserve, Barbados is a sand quarry restoration and regeneration project that is currently in its third year of development prior quarry closure in 2021. The Reserve employs a holistic approach to the design and implementation of climate smart strategies that addresses several issues simultaneously. There has been the transitioning from active sand quarry to thriving agroforest by switching to a model for ecological regeneration from an extractive industry and creating a hub for climate smart innovation, research and conservation, education center for environmental stewardship and conservation, using a permaculture model.

The proposed TC contributes to the objectives of the Update to the IDB Institutional Strategy 2010-2010 (GN-2788-5) in addressing the economic and social impacts of climate change adaptation and mitigation, promoting gender equality and diversity and strengthening private sector involvement in sustainable development. It is also aligned with the IDB Integrated Strategy for Climate Change Adaptation and Mitigation (GN-2609-1) and its Action Plan (GN-2609-3).

### III. Description of Activities and Outputs

- 3.1 Under component 1, there will be the development of a master plan for the Reserve. The activities associated with this output will include site investigation of the natural capital assets of the reserve, assessment of potential interventions and prioritization and action plan for the development of an implementation plan.

Under component 2, a pilot project will be undertaken. The activities associated with this output are the identification and implementation of a pilot project based on sustainability principles.

Under component 3, a communications strategy will be the main output. The activities of this output will involve the preparation of the strategy that will have a special focus on promoting Walkers Reserve as a Regional HUB for landscape restoration of extractive industrial areas.

- 3.2 **Component I: Develop a comprehensive master plan for the Walkers Reserve (US\$250,000).** This component will undertake (a) Site investigation including inventory of existing conditions, current potential uses, existing ecology and natural capital, stakeholder mapping; (b) Analysis and diagnostic of potential interventions including baseline assessments, market and financial analysis; and (c) Prioritization and action plan for the development of an implementation plan
- 3.3 **Component II: Sustainability pilot project (US\$280,000).** A pilot project will be identified and implemented based on the evaluation of potential key interventions in Component 1. These interventions are anticipated to involve the use of renewable energy, an eco-tourism or environmental education focus. This component will include

implementation, operation and management strategies (inclusive of marketing and communication strategies).

3.4 **Component III: Global Communications Strategy (US\$50,000).** This component will support a Global Communications Strategy with a special focus on promoting Walkers Reserve as a Regional HUB for landscape restoration of extractive industrial areas.

3.5 **Component IV: Project management and evaluation (US\$70,000).** This will focus on the administration and evaluation of the project

#### **IV. Budget**

**Indicative Budget**

<b>Activity/Component</b>	<b>IDB/Fund Funding</b>	<b>Counterpart Funding</b>	<b>Total Funding</b>
Develop a comprehensive master plan for the Walkers Reserve	\$ 250,000.00	\$ 0.00	\$ 250,000.00
Sustainability pilot project	\$ 280,000.00	\$ 75,000.00	\$ 355,000.00
Global Communications Strategy	\$ 50,000.00	\$ 0.00	\$ 50,000.00
Project management and evaluation	\$ 70,000.00	\$ 0.00	\$ 70,000.00

#### **V. Executing Agency and Execution Structure**

5.1 This operation will be executed by the IDB

5.2 Given the nature of the operation and the first time collaborating with the organization requesting support, the team is proposing that the Bank to be the executing agency to ensure timely and effective implementation.

#### **VI. Project Risks and Issues**

6.1 The main risk is the delay or denial of Government of Barbados' regulatory approvals. This risk will be mitigated through continued active consultation with the relevant GOB agencies on the program

#### **VII. Environmental and Social Classification**

7.1 The ESG classification for this operation is C.