

TRINIDAD & TOBAGO



GREEN
CLIMATE
FUND

GLOBAL
PROGRAMMING
CONFERENCE

Project title Community Climate Resilience Building

Result areas

Increased resilience of :Most vulnerable people & communities (50%) ; Health & well being , food and water security (10%), Infrastructure & built environment (30%) : system and ecosystem services (10%)

Sector

Public/Private

Total financing, USD

\$10 M

GCF financing, USD

\$10 M

Financial instrument

Grant

Description of specific climate change problem and how the project will address it

Trinidad and Tobago is a Small Island Developing State (SID) vulnerable to the effects of climate variability and change. This is owing to factors such as, its developing status, small physical size, low-lying coastal areas, low availability of resources, rapidly growing population, increasing pressures on natural resources and susceptibility to natural disasters. The country is particularly susceptible to degradation of coastal ecosystems due to increased sea level rise, and storm surge events as a result of its location at the southern border of the Tropical Atlantic Hurricane Belt.

Trinidad and Tobago, compared to its eastern Caribbean island neighbors, is not affected as frequently by passing tropical disturbances and cyclone activity. However, Tobago, the more northerly of the two islands, is more vulnerable to impacts due to its much smaller size and higher latitude location which positions it in the path of many tropical disturbances and cyclone activity, based on historical trends. Nonetheless, outputs from climate models predict a shift in the pathways of hurricanes and increase in intensity due to raising sea temperatures. As a result, storms may move more southerly, which would cause massive destruction to Trinidad and Tobago's natural environment and economy impacting the lives and livelihoods of many.

This project will help to build climate change resilience in of the most vulnerable communities in Trinidad and Tobago and empower individual households to further adapt to climate change related impacts.

Alignment with key country priorities and stakeholders engaged

National Climate Change Policy (2011) : Integration of adaptation into national planning (f. Promoting community-based adaptation through expanded use of the Green Fund for capacity building and enhancing resilience)

Vulnerability and Capacity Assessment Report (2019) : Identified key vulnerable communities and piloted this initiative and recommended that it be conducted for all vulnerable communities in Trinidad and Tobago

Vision 2030 : Theme V- Placing Environment at the Centre of Social and Economic Development: Goal 1- Environmental governance and management systems will be strengthened & Goal 3: Climate vulnerability will be assessed

NEP 2019: Priority 6 Addressing Climate Change & Environmental and Natural Disasters (heading 2.23 Climate Change Adaptation and Mitigation & 2.24 Comprehensive Environmental & Natural Disaster Management

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Project title:	Community Climate Resilience Building
Activities	<ul style="list-style-type: none"> • Community Baseline assessments of capacity on knowledge of climate change and its impacts on individuals • Community baseline data collection (GPS – GIS) • Household baseline data collection – including vulnerability, capacity and livelihoods assessment • Training of technical officers to undertake Vulnerability and Capacity Assessments • Training of key community members in risk and vulnerability assessment • Mapping –including hazard risk map, spatial map showing key community assets and social & economic activities, environmental considerations, and segments of society that have capacity constraints • Training of technical officers on Climate Change adaptation MRV
Expected outcomes	<ul style="list-style-type: none"> • Development of a Monitoring , Reporting and Verification (MRV) system for adaptation and climate risks, to track climate resiliency and integration of adaptation into national development • Development of a mobile application and online platform to display information and to allow crowd sourcing data collection • Integration of system into the already existing platforms for disaster and response management and climate change data collection platforms that are being developed • Development of participatory community risk management plan and budget • Community Risk Profiles and Adaptation Plans • community vulnerability & hazard maps • Community ability to respond and understand the associated climate change related risks and hazards and appropriate responses • Development of toolkits and guide books for future trainings
Paradigm shift potential	<ul style="list-style-type: none"> • <i>The project has already been piloted in the Vulnerability and Capacity Assessment project and was proven successful in the few communities conducted ,as such , beyond this GCF project the targeted communities would have the necessary tools and required skills to deal with climate change related hazards as well as improved mechanisms in place for the relevant institutions that capacity would have been built . In addition , the full institutionalisation of this initiative will enable the key agencies to continue to provide updated risks assessments and training within communities.</i> • <i>(Explain how the proposed project can catalyse impact beyond one-off investment, setting conditions for replication and/or scaling up the project results)</i>