CANARI

Government of the Republic of Trinidad and Tobago
MINISTRY OF AGRICULTURE, LAND AND FISHERIES

Integrating Digital Technologies and Participatory Tools to Support Coastal Community Resilience in Trinidad & Tobago

The Caribbean Natural Resources Institute (CANARI), Fisheries Division – Ministry of Agriculture, Land and Fisheries and Department of Marine Resources and Fisheries, Tobago House of Assembly are implementing this 2-year project from 2023-2024 to enable inclusive and evidence-based decision-making to build the resilience of vulnerable coastal communities in Trinidad and Tobago.

Objectives

1. Innovative digital technologies and participatory tools refined/developed in collaboration with key agencies to support inclusive and evidence-based planning and decision-making for coastal community resilience

2. Increased use of innovative digital technologies and participatory tools by key agencies and community stakeholders to support prediction, planning and management for coastal community resilience

Target Stakeholders

National fisheries authorities

Other **coastal management agencies** and government entities working on climate change, coastal zone planning and management and local area planning in Trinidad and Tobago

10 TARGET COASTAL COMMUNITIES

Trinidad:
- Blanchisseuse
- Matelot
- Carli Bay
- Mayaro
- Moruga
- Icacos

Tobago
- Castara
- Lambeau
- Roxborough
- Speyside

Project Approach

employing digital technologies (e.g., GIS, video and drone technology) using participatory approaches to improve capture of local knowledge

helping to resource and build the capacity of key management agencies for uptake of digital technologies and participatory tools and integration of the local knowledge generated from these, including development of a roadmap

Key Results

At least **3 suitable digital technologies** and **2 participatory tools** identified for prediction and coastal planning and management

At least **4 coastal management agencies** and **10 community groups** engaged in piloting and demonstrate enhanced knowledge and skills in use of digital technologies and participatory tools

Roadmap and recommendations for adoption and scaling use of digital technologies and participatory tools for coastal resilience

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