

Harnessing Innovative Technologies to Support Resilient Settlements on the Coastal Zones of the Caribbean

Specific Objectives

- To improve wellbeing and livelihoods of residents by creating Climate Smart and Resilient coastal settlements through a sustainable innovation system.
- Utilise digital and modelling technologies to improve prediction of the impacts of Climate Change and natural disasters, and the planning and management of coastal communities of the region.
- Promote harmonised policy and institutional frameworks and community capacity to support use of innovations.
- Create a sustainable regional mechanism beyond the project's life, that supports regional and national innovation around climate-smart and resilient coastal communities.

Target Groups

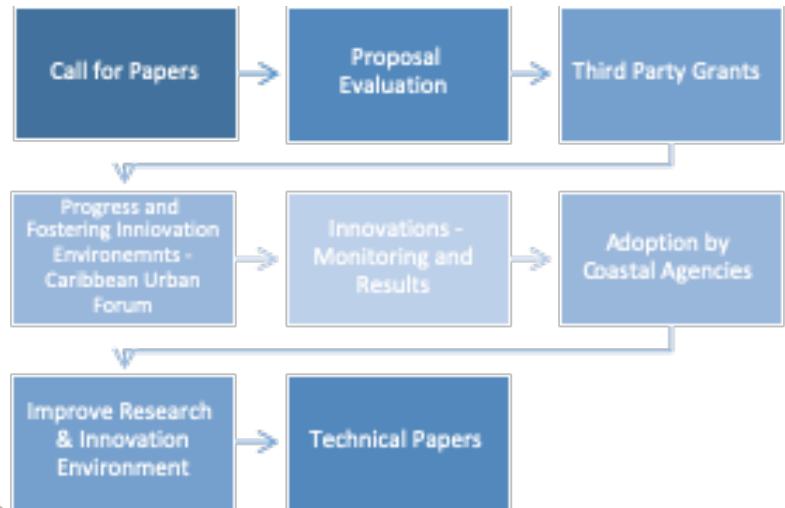
- Senior technical and policy makers
- Agencies involved in the planning and management of coastal settlements
- Community stakeholders – E.g residents of vulnerable coastal communities
- Regional and international scientists and researchers
- Private-sector entities

Beneficiaries

Vulnerable populations in coastal settlements of the Caribbean, SMEs, urban poor, women and youth

Locality CARIFORUM Countries

Methodology



Expected Results

- Climate Smart and Resilient coastal settlements in the Caribbean region
- Advancing safety and environmental sustainability of the public transportation system with innovative technology and improve transport Policy (UTT)
- Develop innovative digital technologies and participatory tools to support prediction, planning, vulnerabilities and management for coastal community resilience in collaboration with key agencies (CANARI, HfH)
- Sea to City planning and increased understanding of adaptation strategies (PUCMM)
- Enhanced visualisation for planning of communities enhanced (SI)
- Coastal erosion monitored (SWI)
- Livelihoods improved through pest control in coconuts (CARDI)
- Tourism Improved through Sargassum management (Atom)