



| Project title | Coastal Resilience to Climate Change in Cuba through Ecosystem Based Adaptation – “MI COSTA” | | | |
|---|---|----------------------|--------------------|----------------------|
| Result areas | Sector | Total financing, USD | GCF financing, USD | Financial instrument |
| Adaptation: Increased resilience of: most vulnerable people, communities and regions; and Ecosystem and ecosystem services: | Public/Private | 108,800,289 | 29,473,200 | Grant |
| Description of specific climate change problem and how the project will address it | <ul style="list-style-type: none">• The main impacts of climate change (CC) in Cuba as identified in its communications to the IPCC are: an increase in the average temperature and reductions in rainfall that will create a trend towards a warmer and drier climate on the island; sea level rise that will reduce the surface area of the island, especially in the lower and flat areas of the island; and an increase of the frequency and intensity of tropical storms that generate coastal flooding.• This project will address the impact associated to sea level rise in south coastal of Cuba (ii), those are: Coastal erosion, Flooding, and Saline intrusion.• The project will implement an integrated set of adaptation measurements with ABE approach to increase the resilient of the coastal zone selected.• The project will benefit 1.4 million people living in 1,337 km of the south coast (25% of the country's coastal municipalities), because it will increase protection against coastal flooding, and therefore, the physical safety of human settlements, soils, and productive infrastructure of key municipalities for the development of the country.• As a result of these actions, the salt intrusion that today affects aquifers of national significance will be reduced, which guarantee water supply to large population centers, such as Havana, and ensure food production in prioritized strategic areas and programs, such as rice, various crops and livestock. | | | |
| Alignment with key country priorities and stakeholders engaged | <p>The project has been developed to fully align itself with the priorities declared in:</p> <ul style="list-style-type: none">• The Economic and Social Development Plan 2030.• The State Plan to Face Climate Change (“Tarea Vida”), which identifies the eminent danger to coastal areas from saline intrusion, flooding and physical impacts and marked them as a national priority,• The adaptation contribution of Cuban NDC. <p>The project has been designed in close consultation with and involvement of relevant government agencies at the national and local levels, as well as with local economic sectors</p> | | | |



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Activities

- 1.1 Implement the rehabilitation of coastal wetlands
- 1.2 Improve the conservation and health of marine ecosystems (seagrasses and coral reefs)
- 1.3. Manage salt intrusion on aquifers and soils ensuring water quantity and quality to the coastal wetlands

- 2.1. Enable climate adaptation capacity building system for communities and local stakeholders
- 2.2. Develop Knowledge Management Platform and Community Monitoring for Coastal Adaptation to CC
- 2.3. Strengthen regulatory and planning frameworks for EBA at the territorial and national level

Expected outcomes

Output 1. Rehabilitated Ecosystems for Coastal Protection and Resilience to CC

Output 2. Increased capacity for adaptation to CC of coastal communities, governments and economic sectors

Outcome: Strengthen capacity of the communities to manage the coastal threats due to CC on low-lying areas of Cuba by increasing the resilience of their interconnected ecosystems in an integrated manner.

Paradigm shift potential

These project interventions demonstrate a new paradigm to past national approaches for adaptation. This is achieved by changing the traditional risk management approach from grey investments and reactive strategies to a holistic and preventive approach based on the maximization of natural infrastructure of the coastal zones (green investments) and in generating community resilience to climate impacts. This will make the project a unique experience in the country which will be replicated and scaled-up within the framework of the long-term program "Tarea de Vida".

Coastal Stretches Targeted. `Tramo 1` is Stretch 1 and `Tramo 2` is Stretch 2



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