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PROJECT FACT SHEET

ECOSYSTEM-BASED ADAPTATION (EBA) FACILITY

Strengthening Coastal and Marine Climate Resilience through Upland and Coastal Ecosystem Based Adaptation and Community Engagement

Project duration March 2020 to September 2023

Countries Antigua and Barbuda, Dominica, Saint Lucia, Trinidad and Tobago

Lead organisation Inter-American Institute for Cooperation on Agriculture (IICA)

Partners IAMovement, University of Florida

Total project costs \$1,970,000

EbA Facility grant \$1,650,000

Match funding \$320,000

All currency is stated in USD.



PROJECT SUMMARY

This project demonstrated scalable, community-driven nature-based solutions (NbS) using vetiver to reduce upland land management impacts on coastal ecosystems across four Caribbean countries. Combining technical innovation, capacity building, and local partnerships, it validated vetiver-based EbA as cost-effective and adaptable. Key achievements include piloting a "living lab" to inform future NbS design, building a regional cadre of trained practitioners and green businesses, reintroducing and commercializing vetiver in Antigua and Barbuda, establishing CARICOM's first vetiver export protocol, and applying drone LiDAR for ecosystem mapping. Despite COVID-19 and climate variability, adaptive management ensured successful delivery and replication beyond project sites.





Photos by IICA.

KEY IMPACT & INDICATORS

200,000+ vetiver plants installed across 20+ sites; 10 specialists trained in four countries

300+ community members and 50+ farmers trained in climate-smart and NbS practices; 30 received direct farm support

8 green businesses and 4 nurseries established

776 hectares mapped across 22 sites; 36 drone operators trained

4 CBOs engaged as co-implementers

First CARICOM vetiver export protocol developed between Dominica and Antigua

ACTIVITIES AND AREAS OF WORK

- Ecosystem rehabilitation through vetiver installation
- Community training and engagement in climate smart agriculture and EbA
- Green business and livelihood development
- Geospatial mapping and drone technology
- Knowledge production and public outreach

CARIBBEAN BIODIVERSITY FUND

The Caribbean Biodiversity Fund (CBF) is a regional umbrella environmental fund dedicated to sustaining nature and improving lives through innovative financing solutions. The CBF through its three strategic programs: Conservation Finance, Climate Change, and Nature-based Economies collaborate with governments, communities, and development partners across the Caribbean region.

This project was financed by the CBF's EbA Facility with support from the German Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety (BMUKN) through the International Climate Initiative (IKI) and KfW.

Inter-American Institute for Cooperation on Agriculture

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Caribbean Biodiversity Fund

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