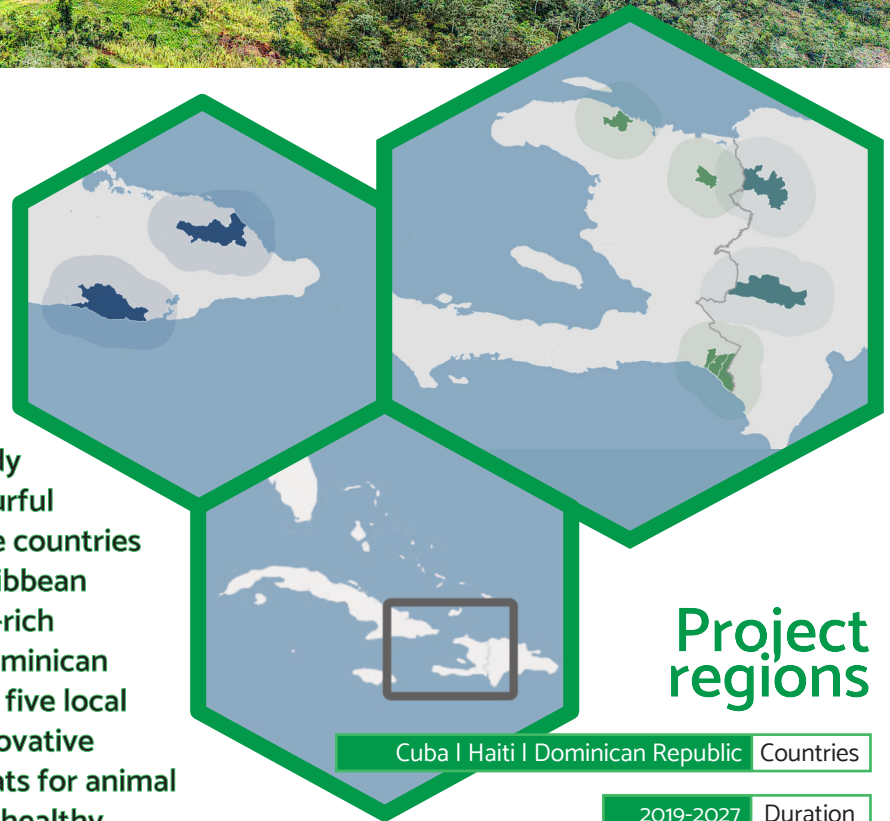


Resilient Caribbean Communities

Strong ecosystems against climate change!

The Caribbean fascinates with white sandy beaches, the turquoise ocean and a colourful underwater world. Above the surface, the countries that are part of the project “Resilient Caribbean Communities” impress with their species-rich tropical forests. In Cuba, Haiti and the Dominican Republic Welthungerhilfe, OroVerde and five local partner organisations are developing innovative solutions to preserve these unique habitats for animal and plant species, advocating for strong, healthy ecosystems and supporting the population in adapting to the impacts of climate change.



Project partners



Resilient Caribbean Communities – Ecosystem-based Adaptation and forest restoration in the Caribbean Biological Corridor

The **breath-taking nature** of the Caribbean is affected severely by the consequences of climate change. Impacts that can already be observed include shifting seasons and sudden onset extreme weather events. For example, many regions are beginning to experience the absence or delayed onset of rainfall during normal rainy seasons, and at the same time, intense rainfall events during otherwise dry periods. For the population of the islands, this means crop failures caused by long dry spells and heat waves, water shortages and acute hazards due to heavy rain and tropical cyclones.

The “Resilient Caribbean Communities” project aims at developing nature-based solutions to help vulnerable communities adapt to the impacts of climate change in the **Caribbean Biological Corridor**. The participatory approach focuses on working directly with community members of the project regions to strengthen the ecosystems they themselves directly or indirectly depend on.

Nature is the best partner here, as it provides a range of additional benefits: For example, a more resistant coffee variety, trees for shade, and several different types of fruit in agroforestry systems secure the harvests of the coffee producers in the long term and thus help them to earn a supplementary income. Newly constructed ditches and ponds allow rainwater to be stored and used more efficiently during dry periods. These solutions are called **Ecosystem-based Adaptation (EbA)**. They contribute to the resilience of people and ecosystems to climate change impacts.

Activities & goals

Development of EbA solutions

EbA plans based on vulnerability and risk analyses are developed and implemented in a participatory process. The plans include all important ecosystem functions and their services so that negative impacts of climate change can be responded to.

Green solutions for agriculture

"Climate-smart" farming methods such as agroforestry and silvopastoral systems are promoted, as are solutions for erosion control and climate-sensitive value chains for food security.

Integrated water management

Land use plans and the reforestation of watersheds secure people's water supply. At the same time, species-rich forest areas are better protected. The training of fire protection brigades helps prevent forest fires at an early stage.

Strengthening local organizations

By applying the multi-actor partnership (MAP) approach, the project brings together relevant actors from all sectors of society in the respective project regions to jointly find context-specific solutions for adaptation to climate change. The aim is to create incentives for all that secure people's income and protect biodiversity and ecosystems. Training and workshops also strengthen communities and local organizations. By involving different stakeholders, the MAP approach helps to sustainably anchor the project's results locally and regionally.

Integration of EbA into national strategies

Project results are systematically processed through joint monitoring and made replicable. It is planned to integrate the solutions developed into national climate strategies and adaptation plans.

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National Centre for Protected Areas (SNAP)

Haiti
Ministry of Environment
Dominican Republic
Ministry of Environment and Natural Resources

Regional partner:
Caribbean Biological Corridor (CBC) Secretariat

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