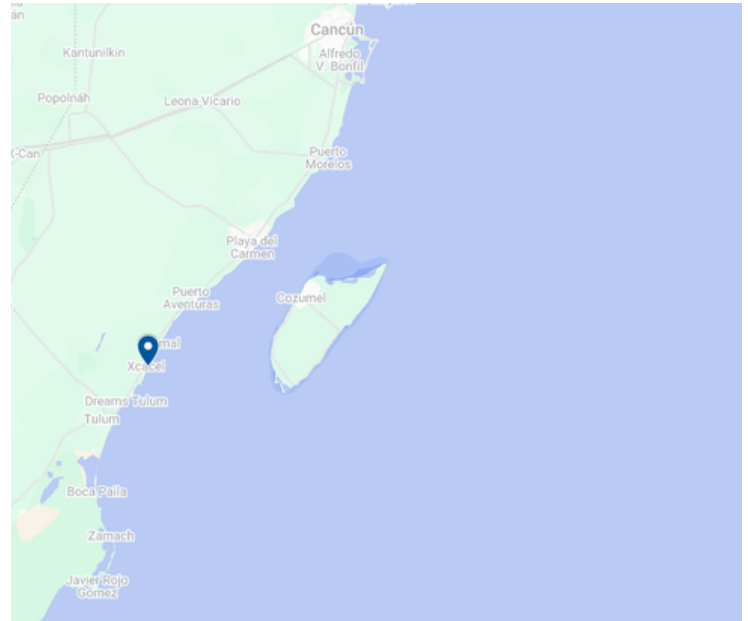


Strengthening coordination and capacities for the management of the STMX-X transversal biological corridor and the central zone of the RBCM



Location



Map Data © 2025 Google

COUNTRY

México

COASTAL MARINE PROTECTED AREAS (CMPA)

- Caribe Mexicano Biosphere Reserve (RBCM)*, and
- Santuario de la Tortuga Marina Xcacel - Xcacelito Zone Subject to Ecological Conservation (STMX-X)*

MANAGER

National Commission of Natural Protected Areas (CONANP)* and Institute of Biodiversity and Natural Protected Areas of the State of Quintana Roo (IBANQROO)*

CIVIL SOCIETY ORGANIZATION (CSO)

Pronatura Península de Yucatán A.C. (PPY)*.

DURATION

August 2025 - June 2028

REACH

Protected Area
202,924 hectares



Number of
beneficiaries
745



* Acronyms refer to the names of the organizations in Spanish



Photo: Alexis Rivero

PROJECT SUMMARY:

The project aims to strengthen inter-institutional coordination in the management of the STMX-X transversal biological corridor and the RBCM, in order to improve biodiversity conservation, promote the sustainable use of natural resources, and support the development of local communities.

Throughout the project, groundwater quality will be assessed and mitigation measures for pollution will be proposed.

The current state of artisanal fishing will be analyzed, including the identification of unregulated fishing activities. Fishers will receive training in sustainable practices, product added value, fish refuge zones, and reproductive aggregations. Also, tourism activities will be evaluated for management measures, and training will be provided to the tourism sector. Studies will be conducted on the condition of key ecosystems (reefs and seagrasses) for future restoration efforts. Invasive species will be controlled, and joint management actions will be implemented between both protected areas.

KEY TOPICS AND ACTIVITIES

CONSERVATION OF NATURAL RESOURCES

- Conduct a water quality assessment of the bodies of water that flow into the STMX-X and RBCM (central zone) in order to propose mitigation actions and reduce pollution.
- Restore reefs and seagrass beds in the STMX-X.
- Improve management effectiveness in the CMPA.
- Strengthen control and management actions for invasive species, such as lionfish and beach cabbage (*Scaevola* spp.), in the coastal dune.
- Develop technical capacities within the community to enable their participation in wildlife management.

SUSTAINABLE USE WITH LOCAL PARTICIPATION

- Identify, through social participation, fish spawning aggregation sites to assess actions for their protection.
- Strengthen studies on acceptable change limits to regulate and improve tourism-recreational practices with the involvement of local stakeholders.
- Evaluate the artisanal fishing condition and regulation, and train and raise awareness within the fishing sector on responsible and sustainable fishing, added value, aggregation sites, and fish refuge areas.

STRENGTHENING AMONG KEY STAKEHOLDERS AND GOVERNANCE

- Strengthen coordination and cooperation between the RBCM (federal CMPA), the STMX-X (state CMPA), and key stakeholders to jointly implement the project initiatives.



Photo: Alexis Rivero



The project "Protection of Maritime Resources in Central America III (Phase III)" represents a joint and ongoing effort to strengthen the effective management of marine and coastal protected areas of the Mesoamerican Reef System. With the financial support of the German Cooperation through KfW, and the active participation of local managers and implementers, this regional effort strengthens the protection of key ecosystems and the benefits they provide to communities. Learn more: