



Fragments of Hope

Belize Marine Fund Case Study

Photo: Fragments of Hope

Restoring Coral Reefs

Fragments of Hope

Fragments of Hope is working to reverse the decline of Belize's reefs, taking coral fragments and growing thriving, resilient reefs.



Photo: Fragments of Hope

2017 -2022

BELIZE MARINE FUND

Thematic Area 2: Reduced Pressures on the Marine Resources

In Belize, as elsewhere in the region, live coral cover has decreased significantly - from 33.8% in the 1970's to an average of 18% in 2022. This decline affects not only the traditional fishery and the growing tourism industry, but will also impact the barrier reef's ability to protect the coastal communities from tropical storm surges and oceanic waves.

The Belize Marine Fund recognizes the importance of investment in innovative initiatives that seek to restore the reef ecosystem, building resilience to the increasing pressures of climate change. As a partner, Fragments of Hope has provided impactful strategies that actively restore the reef, improving live coral cover at the restoration sites. It has provided a replicable model for scaling up - not just in Belize, but also in the region.

Total number
of Grants

2

Number of
key
restoration
locations

20

Number of
coral
outplants

>176,000



Fragments of Hope has been working in Belize since 2013, and has demonstrated that coral restoration works!

Fragments of Hope has established a world renowned reef restoration programme, transplanting over 176,000 resilient, reef-building corals to date into more than 20 key locations across Belize. This has been achieved through the active engagement of fishers, tour guides, women and youths from the Placencia community and across Belize, building their capacity to farm and outplant these corals.

Live coral cover has increased from 4% in 2001 to between 40% and 70% today in restoration sites around Laughing Bird Caye National Park!



Photo: Fragments of Hope



Fragments of Hope - providing hope for the future....

In a world of increasing climate change impacts, the healthy growth, increased resilience of corals at Belize's reef restoration sites provide hope for the future of reefs in Belize.

In restoration sites around Laughing Bird Caye National Park, the outcomes include improved reef structure and functionality, more fish - and live coral cover has increased from 4% in 2001 to between 40 and 70% today!

The social dimension...

Fragments of Hope has also opened up opportunities for women in the community involved in the project, providing them with the diving, reef restoration and reef monitoring skills needed to earn higher incomes and better support their families. Opening up employment opportunities not just with FoH, but also in tourism and conservation across Belize. They are now role models for others, inspiring women to grasp opportunities that will help them to improve their lives.

In 2017, the organization was awarded the **Momentum for Change UN Climate Solutions Award** for its community work involving women in the restoration of coral reefs and mangroves.



Photo: Fragments of Hope

THEMATIC AREA 2: Reduced Pressures on the Marine Resources

PROJECT	ORGANIZATION
2017: Continued Reef Replenishment with the Critically Endangered Acroporid Corals in Southern Belize	Fragments of Hope
2020: Continued Reef Replenishment in Southern Belize with an Emphasis on Mapping and Quantifying Natural Replenishment Acroporid Cover	Fragments of Hope