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NOSY MANGA

MARINE ECOSYSTEMS AND COMMUNITY

The five-year Nosy Manga - Restorative Aquaculture for Nature and Communities project will focus on promoting sustainable seaweed and sea cucumber farming in the Menabe, Atsimo Andrefana, Anosy, and the MaMaBay seascapes. By modelling productive industrial and community-based farming, Nosy Manga will encourage farmers to adopt strategies that generate high financial returns and simultaneously contribute to the preservation and restoration of coastal and marine ecosystems.

BACKGROUND

Madagascar's vast marine territory, including 5,600 km of coastline and an Exclusive Economic Zone which extends over one million km², has the highest level of coral diversity in the Western Indian Ocean. The fishing sector is a leading source of income for local communities and the country. In 2018, 1.5 million people earned revenue from fishing and the sector generated approximately 7% of the national gross domestic product. However, as demands for these marine and coastal resources increase, their ecosystems have become highly threatened. An increase of overfishing and harmful fishing practices has contributed to a decline in marine species across Madagascar. Diminished fish stocks have put the many people who rely on this sector under increased financial pressure.

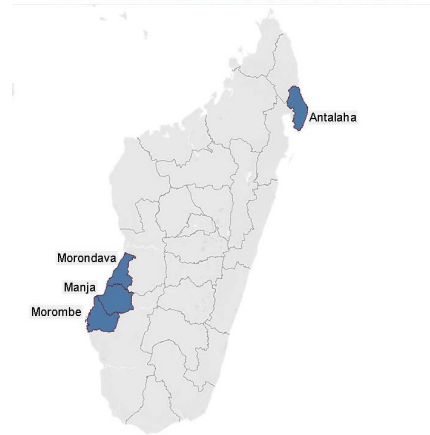
PARTNERS

- Ocean Farmers
- Indian Ocean Trepang
- Wildlife Conservation Society (WCS)
- Blue Ventures (BV)
- World Wildlife Fund (WWF)
- MIHARI Network
- Madagascar National Parks
- Cargill
- PIC / World Bank

PROJECT GOALS

1. Reduce the pressure on coastal and marine resources through a sustainable market-based aquaculture model that is scaled up with coastal communities.
2. Alleviate poverty in targeted coastal communities through new income generating opportunities.
3. Support the community-based sustainable management of marine resources in targeted areas.

NOSY MANGA HEARTH project sites - Districts



KEY POINT

With coastal and marine resources declining, commercial farming of seaweed and sea cucumber can be a game-changer for coastal communities.

These activities provide new sources of income to complement traditional livelihoods such as fishing, without extracting or damaging natural resources.

STRATEGIC APPROACHES

- Strengthen and expand sustainable seaweed and sea cucumber enterprises and community-based farming.
- Increase the production capacity of quality sea cucumber juveniles in hatcheries and nurseries.
- Empower and engage civil society and communities for local governance and management of areas surrounding community farms.
- Enhance research and information available for sustainable aquaculture practices.
- Improve harmonization, coordination, and access to information and data for decision making.
- Strengthen the governance of marine resources and enforce regulations to improve accountability.
- Provide support services (health care, education, mobile money, etc.) for communities.



PHOTO: USAID MADAGASCAR



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KEY POINT

Under the NOSY MANGA project, seaweed and sea cucumber farmers will learn sustainable farming techniques, farm management, disease prevention, and other risk coping strategies.