



**NORTH EASTERN MINDANAO STATE UNIVERSITY**

Tagbina - Campus

College of Information Technology Education

2nd Semester AY 2023-2024



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## **Creating a Sustainable Paradise: A Comprehensive Plan for Eco-Friendly Tourism and Environmental Preservation on Cabgan Island**

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May 2024

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## **Overview**

Our project, "Creating a Sustainable Paradise," aims to address the significant environmental challenges posed by tourism on Cabgan Island, a local island in the Philippines. These include pollution, habitat destruction, and inadequate waste management. Our objectives are to implement effective waste management systems, improve island maintenance, develop sustainable tourism practices, engage the local community in conservation efforts, conduct regular clean-up activities, educate tourists on responsible behavior, and collaborate with the local government unit (LGU) for support.

By preserving the island's natural beauty, protecting its biodiversity, and fostering sustainable economic development, our project seeks to create a model of sustainability for other tourist destinations in the Philippines. Expected outcomes include a cleaner environment, enhanced natural beauty, improved water quality, and increased tourism.

## **Introduction**

Tourism is a double-edged sword for our island in the Philippines. While it brings economic benefits, it also leads to environmental degradation. The influx of tourists has resulted in increased pollution, damage to natural habitats, and improper waste disposal. Poor maintenance and lack of sustainable practices exacerbate these issues.

There is a pressing need to address these problems to protect our island's natural beauty and biodiversity. This project proposes a comprehensive approach to transform tourism into a sustainable practice that benefits both the environment and the local community.

## **Methodology or Approach**

Tourism is a double-edged sword for Cabgan Island in the Philippines. While it brings economic benefits, it also leads to environmental degradation. The influx of tourists has resulted in increased pollution, damage to natural habitats, and improper waste disposal. Poor maintenance and lack of sustainable practices exacerbate these issues.

Cabgan Island, originally called Cabogan Island, was named after the cabog animals that once thrived there. Over time, extensive hunting led to the extinction of the cabog on the island. This tragic history underscores the urgent need for conservation and sustainable practices to prevent further loss of biodiversity.

There is a pressing need to address these problems to protect our island's natural beauty and biodiversity. This project proposes a comprehensive approach to transform tourism into a sustainable practice that benefits both the environment and the local community.

To achieve our objectives, we will implement the following activities and strategies:

- 1. Waste Management Systems:**
  - Establish recycling programs and waste segregation facilities.
  - Install adequate waste disposal bins across the island.
  - Partner with waste management companies for efficient collection and processing.
- 2. Improved Island Maintenance:**
  - Regular maintenance of public spaces, beaches, and tourist spots.
  - Restoration of damaged natural habitats and reforestation initiatives.
- 3. Sustainable Tourism Development:**
  - Promote eco-friendly accommodations and tours.
  - Develop guidelines for sustainable tourism practices for local businesses.
- 4. Community Engagement:**
  - Organize workshops and training for locals on conservation and sustainable practices.
  - Involve the community in clean-up drives and environmental monitoring.
- 5. Regular Clean-Up Activities:**
  - Schedule monthly clean-up drives involving tourists and locals.
  - Partner with NGOs and volunteer organizations for larger clean-up events.
- 6. Tourist Education:**
  - Create awareness campaigns about responsible behavior and environmental protection.
  - Distribute educational materials at key tourist entry points.
- 7. Collaboration with LGU:**
  - Work closely with the local government for policy support and funding.

- Advocate for stricter environmental regulations and enforcement.

## **Scope of the Project Proposal**

The scope of this project includes:

- Implementation of waste management systems.
- Improvement of island maintenance and habitat restoration.
- Development and promotion of sustainable tourism practices.
- Community engagement and education on environmental conservation.
- Regular environmental clean-up activities.

The project does not include large-scale infrastructure development or activities outside the island's geographic boundaries. Limitations include potential resistance from local businesses and the need for ongoing funding and support.

## **Timeline and Schedule**

### **Year 1:**

- Q1: Project planning and stakeholder engagement.
- Q2: Implementation of waste management systems and initial clean-up drive.
- Q3: Community workshops and tourist education campaigns.
- Q4: Development of sustainable tourism guidelines.

### **Year 2:**

- Q1-Q4: Regular maintenance, clean-up activities, and monitoring.
- Q4: Evaluation and adjustments based on initial outcomes.

## **Budget**

### **Estimated Costs:**

- Waste Management Systems: PHP 100,000
- Island Maintenance: PHP 75,000
- Sustainable Tourism Development: PHP 50,000
- Community Engagement: PHP 25,000
- Clean-Up Activities: PHP 15,000
- Tourist Education: PHP 10,000
- LGU Collaboration: PHP 25,000

## **Total: PHP 300,000**

Funding sources include university grants, local government support, and partnerships with environmental organizations.

## **Evaluation Plan**

The success of the project will be evaluated based on:

- Reduction in waste levels.
- Improvement in water and habitat quality.
- Increase in eco-friendly tourism activities.
- Community participation rates.
- Feedback from tourists and locals.

Specific indicators include waste volume metrics, water quality tests, biodiversity assessments, and survey responses.

## **Sustainability Plan**

To ensure long-term success, the project will:

- Seek ongoing funding from grants and partnerships.
- Build capacity within the local community through continuous education and training.
- Foster strong partnerships with local businesses and government agencies.
- Establish a local committee to oversee continued maintenance and sustainability efforts.

## **Conclusion**

"Creating a Sustainable Paradise" is a crucial initiative for preserving Cabgan Island's natural beauty and promoting eco-friendly tourism. By addressing environmental concerns and involving the local community, we aim to create a sustainable model that can inspire other tourist destinations in the Philippines. We request support from all stakeholders to achieve our vision of a cleaner, more sustainable island.

## Appendices



*Figure 1*



*Figure 2*



*Figure 3*