SAVING OUR ICONIC WILDLIFE: URGENT ACTION TO PRESERVE DEER POPULATION IN NINO KONI SANTANA NATIONAL PARK FROM WATER SCARCITY

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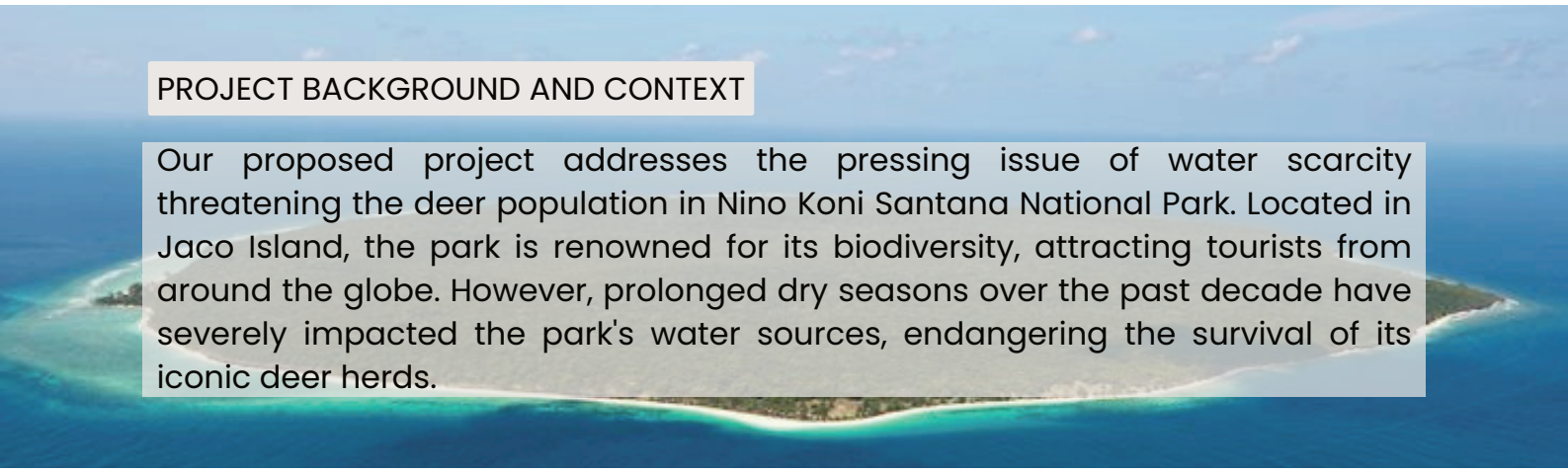
THEWATERAGENCY



PROJECT BACKGROUND AND CONTEXT

Our proposed project addresses the pressing issue of water scarcity threatening the deer population in Nino Koni Santana National Park. Located in Jaco Island, the park is renowned for its biodiversity, attracting tourists from around the globe. However, prolonged dry seasons over the past decade have severely impacted the park's water sources, endangering the survival of its iconic deer herds.

PROJECT OBJECTIVES

Our project's objective is to mitigate water scarcity within Nino Koni Santana National Park through the implementation of rainwater harvesting systems, aligning with our vision to create a thriving ecosystem where wildlife flourishes amidst sustainable water resources, and our defined and measurable goal is to increase water availability for the deer population by implementing targeted measures to augment water sources within the park.

PROJECT APPROACH AND METHODS

Creating a simple prototype for rainwater collection and purification is an excellent approach to addressing water scarcity in Nino Koni Santana National Park. Our project will involve the following steps:

- Prototype Development: We'll create a rainwater collection system with canals to efficiently gather rainwater.
- Artificial Pond Construction: Rainwater will flow to a strategically positioned pond, ensuring clean water access for deer year-round.
- Pilot Testing: We'll assess system effectiveness by monitoring water levels, quality, and deer behavior.

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- To minimize environmental impact and cost, we intend to use sustainable materials such as bamboo and industrial woods for the structure. Additionally, we plan to repurpose fish plastic tanks, placed on excavated land, as a cost-effective solution for collecting rainwater into the pond. This approach ensures a simple yet impactful implementation method that aligns with our commitment to environmental stewardship.

PROJECT APPROACH AND METHODS

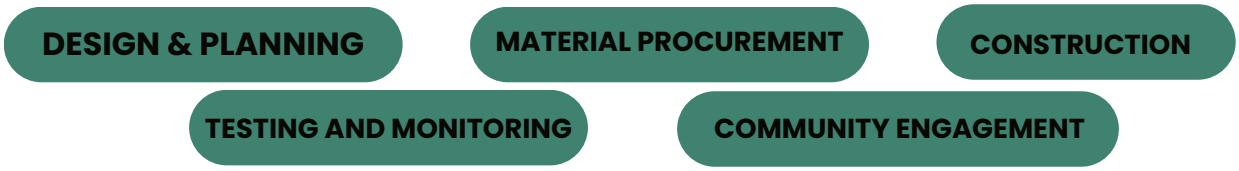
Our project aims to achieve several tangible outcomes and impacts, including: **Increased Water Availability, Biodiversity Conservation, Wildlife Habitat Enhancement.**

THE PILOT

THE PILOT PROJECT

During the rainy season, our 6-week pilot project will immediately test our prototype. We'll monitor rainwater collection and pond accumulation in real-time, making quick adjustments as needed. Community involvement during this period will be crucial for future conservation efforts.

The scope of our pilot project will include the following key activities:



PILOT PROJECT TIMELINE

- **Week 1 (March): Planning and Preparation**
- **Week 2 (March): Construction Begins**
- **Week 3 (March): Construction Continues**
- **Week 4 (April): Testing and Monitoring**
- **Week 5 (April): Refinement and Feedback**
- **Week 6 (April): Project Conclusion and Reporting**

STAKEHOLDER MAPPING

our target stakeholders are: **Local community, youth Leader, park Ranger**
Engagement Focus:

- Collaborate with the village leader to understand community needs and garner local support.
- Work with the youth leader to engage youth volunteers in project activities and raise awareness.
- Partner with the park ranger to ensure alignment with park management goals and regulations.

BUDGET PLAN

1. **Total Cost for Building and Implementing Pilot Project**: Cost for Pond Construction (2 prototypes): $170 x 2 = $340 Cost for Structure Construction (2 prototypes): $285 x 2 = $570
2. **Total Cost for Site Visit and Engagement:** $105

Grand Total: $880 (project cost) + $105 (site visit and engagement) = $985. Considering the maximum budget limit of $1,000 USD, the proposed budget plan falls within the allocated seed money.