PROJECT DESCRIPTION FOR SCOPING
for the Bugsuk Island Eco-Tourism Development

BRICKTREE PROPERTIES, INC.

Project Site: Brgys. Bugsuk and Sebaring, Bugsuk Island, Balabac, Palawan

May 2023

BRICKTREE PROPERTIES, INC.

E-Green Management and Environmental Consultancy Corporation

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APPENDIX

1 PROJECT DESCRIPTION

Bricktree Properties Inc. is proposing the development of the Bugsuk Island Tourism Development project to be located in Brgys. Bugsuk and Sebaring, Bugsuk Island, Balabac, Palawan, Philippines. The total area of the project is 5,567.54 ha. **Table 1-1** presents the general information of the proposed project.

Table 1-1: Project Details

<table>
<tr><td>Project Name</td><td>Environmental Impact Statement for the Bugsuk Island Eco-Tourism Development Project</td></tr>
<tr><td>Project Location</td><td>Brgys. Bugsuk and Sebaring, Bugsuk Island, Balabac, Palawan, Philippines</td></tr>
<tr><td>Nature of Project</td><td>Multiple Components projects – Island Eco-tourism Development Project
Buildings including housing, storage facilities and other structures
Storage of petroleum, petrochemical or related products (including blending)
Resort and other tourism/leisure projects
Airports
Roads, widening, rehabilitation and/ or improvement
Renewable Energy – Power Station</td></tr>
<tr><td>Project Components</td><td>
<table>
<tr><th>Component</th><th>Capacity</th><th>Area</th></tr>
<tr><td>Resort
-Villas, Clubhouse, Specialty Restaurant, Pool Bar, SPA Villa, Sports Facility/Basketball Court, and Support Facilities</td><td></td><td>83.66 ha</td></tr>
<tr><td>Power Station</td><td>33 MW</td><td>170.56</td></tr>
<tr><td>Motorpool / Complex</td><td></td><td>2.00</td></tr>
<tr><td>Housing</td><td></td><td>198.08</td></tr>
<tr><td>Commercial/Residential Devt.</td><td></td><td>100.00</td></tr>
<tr><td>Fuel Storage</td><td>200,000-500,000 Liters</td><td>0.75</td></tr>
<tr><td>Road Network
-LK Road, Road to Resort, H-14 Road, and Road Adjacent to Residential/Commercial Devt.</td><td></td><td>50.34</td></tr>
<tr><td>Leasable Area (including roads and utilities)</td><td></td><td>4,548.74</td></tr>
<tr><td>Aerodrome</td><td></td><td>183.21</td></tr>
<tr><td>Eco-Tourism Area</td><td></td><td>230.2</td></tr>
<tr><td>Total Covered Area for “SEP & ECC” Applications:</td><td></td><td>5,567.54</td></tr>
</table>
</td></tr>
</table>

Proponent

Bricktree Properties, Inc. a stock corporation registered with the Securities & Exchange Commission on 18 February 2019. The proponent of the property where the proposed project is planned to be located.

Table 1-2: Project Proponent

Proponent:	Bricktree Properties Inc.
Proponent's Address:	38 Delgado Barangay San Antonio, Pasig City
Contact Person/ Designation:	Karen V. Ramos President

EIS Preparer

Table 1-3: EIS Preparer

EIS Preparer:	E-Green Management and Environmental Consultancy Corp.
Address of Preparer:	Unit 604, Jade Place, Visayas Avenue, Quezon City
Contact Person/ Designation:	Jay Richard R. Siasoco / Project Manager
Contact Numbers:	+63 915 540 0790 jrsiasoco.egreen@gmail.com

Project Categorization

Based on the Revised Guidelines for Coverage Screening and Standardized Requirements under the Philippine EIS System - Environmental Management Bureau Memorandum Circular (EMB MC 2014-005) as shown in **Table 1-4**, the proposed development is a multi-component project on which majority of the components are classified as Category B and is therefore required to prepare an Environmental Impact Statement (EIS) for the overall application.

Table 1-4: Project Details

Projects/Description	Applicable Project Component and Indicative Specification	Covered (Required to secure ECC)			Not covered (may secure CNC)
		Category A: ECP	Category B: Non-ECP		Category D
		EIS	EIS	*IEE Checklist	Project Description (Part 1 only)
3.6 Buildings including housing, storage facilities and other structures	• Housing (198.08 ha) • Commercial/ Residential Development (100 ha) • Motorpool Complex (2 ha) • Leasable Area (4,548.74 ha)	None	≥ 5ha		
1.3.5 Storage of petroleum, petrochemical or	• Fuel Storage (200,000 – 500,000 L)	None	≥ 20,000 kL	>20 kL but <20,000 kL	≤ 20 kL

Projects/Description	Applicable Project Component and Indicative Specification	Covered (Required to secure ECC)			Not covered (may secure CNC)
		Category A: ECP	Category B: Non-ECP		Category D
		EIS	EIS	*IEE Checklist	Project Description (Part 1 only)
related products (including blending)					
4.2 Resort and other tourism/leisure projects	• Eco-Tourism Area (230.2 ha) • Resort (83.66 ha)	None	≥ 5ha	0.1 ha but < 5	≤ 0.1 ha
3.5.1 Airports	Aerodome (183.21 ha)	None	International	Domestic	Private Airstrip
3.4.2 Roads, widening, rehabilitation and/ or improvement	Road Network (50.34 ha)	None	≥ 20.0 km (no critical slope) Or ≥ 10.0 km (with critical slope)	> 2.0 km but <20 km (no critical slope) Or > 2.0 km but <10 (with critical slope)	≤ 50% increase in capacity (or in terms of length/ width) but ≤ 2km increase in length
3.2.7 Renewable Energy	Power Station (33 MW)	None	≥ 100 MW	>5 but < 100 MW	≤ 5MW

Project Description for Scoping

The preparation of this Project Description for Scoping (PDS) report was guided by DAO 2017-15: Guidelines on Public Participation under the Philippine Environmental Impact Statement (EIS) System Section 7 – Requirements prior to Public Scoping. The PDS report is a document to be submitted to DENR EMB as a requirement for the conduct of Public Scoping.

The specific requirements of the PDS are the following:

Table 1-5 Contents of the Project Description for Scoping Report

Requirements	Page Number
Project Description	1-1
Proposed list of invitees for public scoping	2-1
Draft invitation letter	Appendix A
IEC materials in preparation for the public scoping	Appendix B
Draft presentation of the project during public scoping	Appendix C

1.1 Project Location and Area

1.1.1 Project Location

Bugsuk Island is located at the north easternmost part of the Municipality of Balabac. This island has a total area of 12,445 ha with an estimated elevation above sea level of 5.8 m (19.0 feet).

Table 1-6 presents the geographic coordinates of the project site. **Table 1-7** shows the administrative location of the project on which the project is within Barangays Bugsuk and Sebaring. **Figure 1-1** shows the location of the proposed project while **Figure 1-4** shows the indicative site development map. Sites photos are shown in **Plate 1-1** to **Plate 1-3**.

Table 1-6: Project Coordinates

Points (Approximation)	Latitude	Longitude
Northern Portion	8°19'48.71"N	117°18'23.29"E
Middle Point	8°15'17.34"N	117°18'27.28"E
Southern Portion	8°11'25.82"N	117°18'40.40"E

Table 1-7: Project Administrative Boundary

Province	Municipality	Island	Barangay
Palawan	Balabac	Bugsuk	Bugsuk (formerly known as Cagayancillo)
			Sebaring

The project satellite image and land cover are shown in **Figure 1-2** and **Figure 1-3**, respectively. It can be seen that the project site is surrounded by pristine and clear waters. The land cover that dominates Bugsuk Island is “open forest” and “perennial crop”.

Nearest Protected Area

The nearest protected area to the project site shall be identified as a requirement of DENR Memorandum Order No. 2023-01. The project site is situated in Palawan on which the entire province is protected under Mangrove Swamp Forest Reserve as shown in **Figure 1-5**. On the other hand, the nearest legislated and proclaimed protective area are more than 10 km from the project site as shown in **Figure 1-6**.

Site Accessibility

The project site is accessible by Barge and by Air as summarized in **Table 1-8**. The nearest ports and airport from the project site are shown in **Figure 1-7**.

Table 1-8: Project Site Accessibility

Modes of Transportation	Duration
By Air (via private plane from Manila)	~1 to 1.5 hours (Bugsuk Airstrip)
By Air (via commercial plane)	~1D for morning flight, 2D for Afternoon Flight
i. By Air (Manila to Puerto Princesa)	~ 1.5 Hrs (Commercial Airline)
ii. By Land (Puerto Prinsesa to Rio Tuba)	~ 6 to 7 hours
iii. By Sea (Rio Tuba to Singkab Port, Bugsuk)	~ 45 min. to 1 hr & 45 min.
iv. By Land (Singkab Port to Community)	~ 0.5 hrs
By Barge (Via LCT)	
i. Baseco Manila Port – Singkab Port	~4.5 days
i. Brookes Point Palawan – Singkap Port	~0.5 day

1.1.2 Direct and Indirect Impact Area

The EIA study was based on the perceived direct and indirect impact areas of the proposed project, shown in **Figure 1-8**. As per DENR Administrative Order No. 30 Series of 2003 (DAO 03-30), the direct impact areas, DIA (in terms of the physical environment) are those areas where all project components

are proposed to be constructed/situated and where all operations are proposed to be undertaken, which is the island development at Bugsuk Island comprising of Barangays Bugsuk and Sebaring.

Considering the social impacts and navigation (water and land), the barangays potentially to be affected are the adjacent barangays of Bugsuk and Sebaring within the Municipality of Balabac. The initial estimate or radius of influence for the identification of indirect impact areas for the physical impacts is 5km as shown in **Figure 1-8**, while for social impacts the whole Municipality of Balabac is considered in terms of employment and revenue from taxes.

Overall the initial DIAs and IIAs are as follows:

Direct Impact Area Barangays

- Sebaring
- Bugsuk

Indirect Impact Area Barangays

- All other barangays within Municipality of Balabac

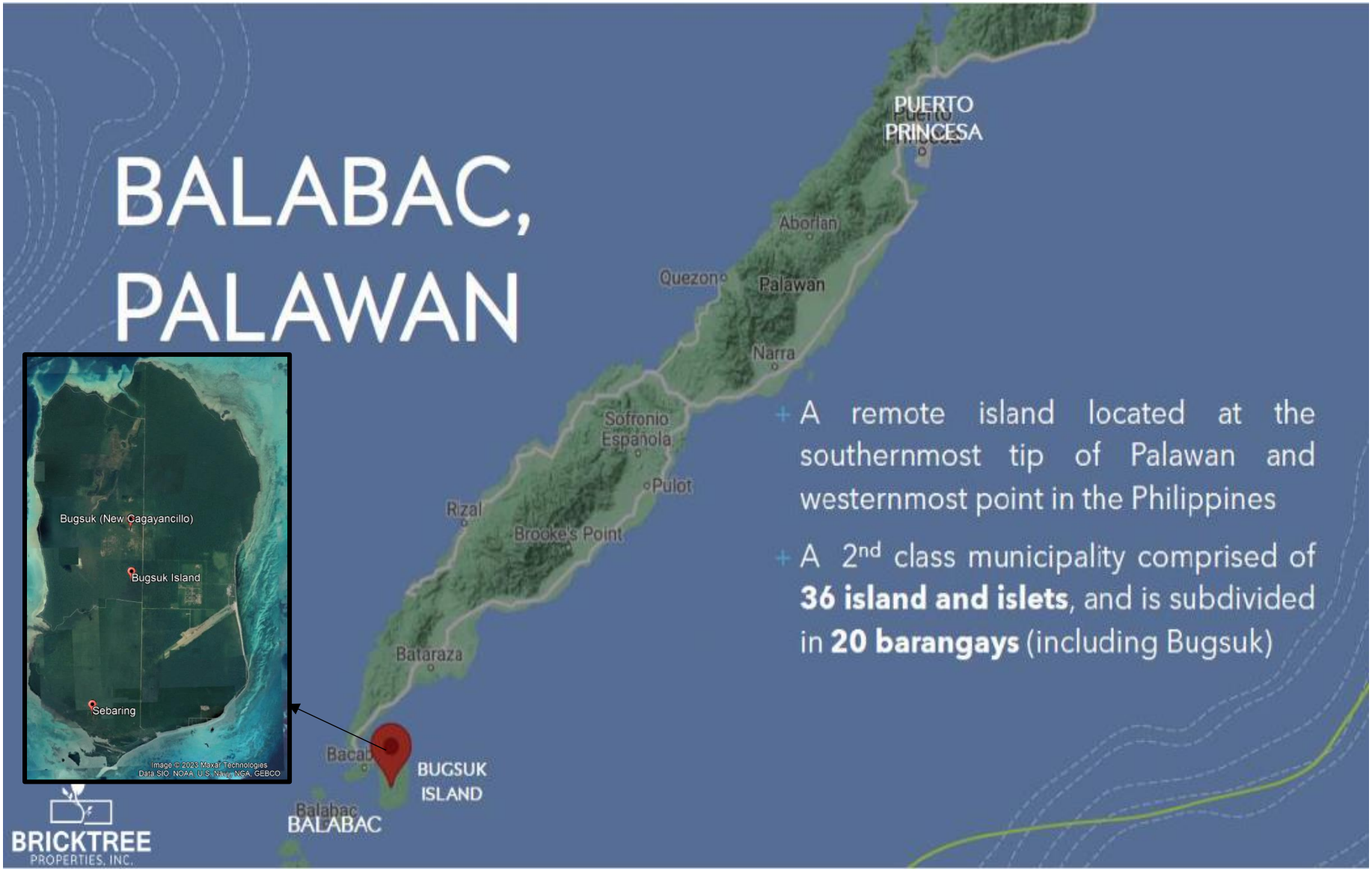
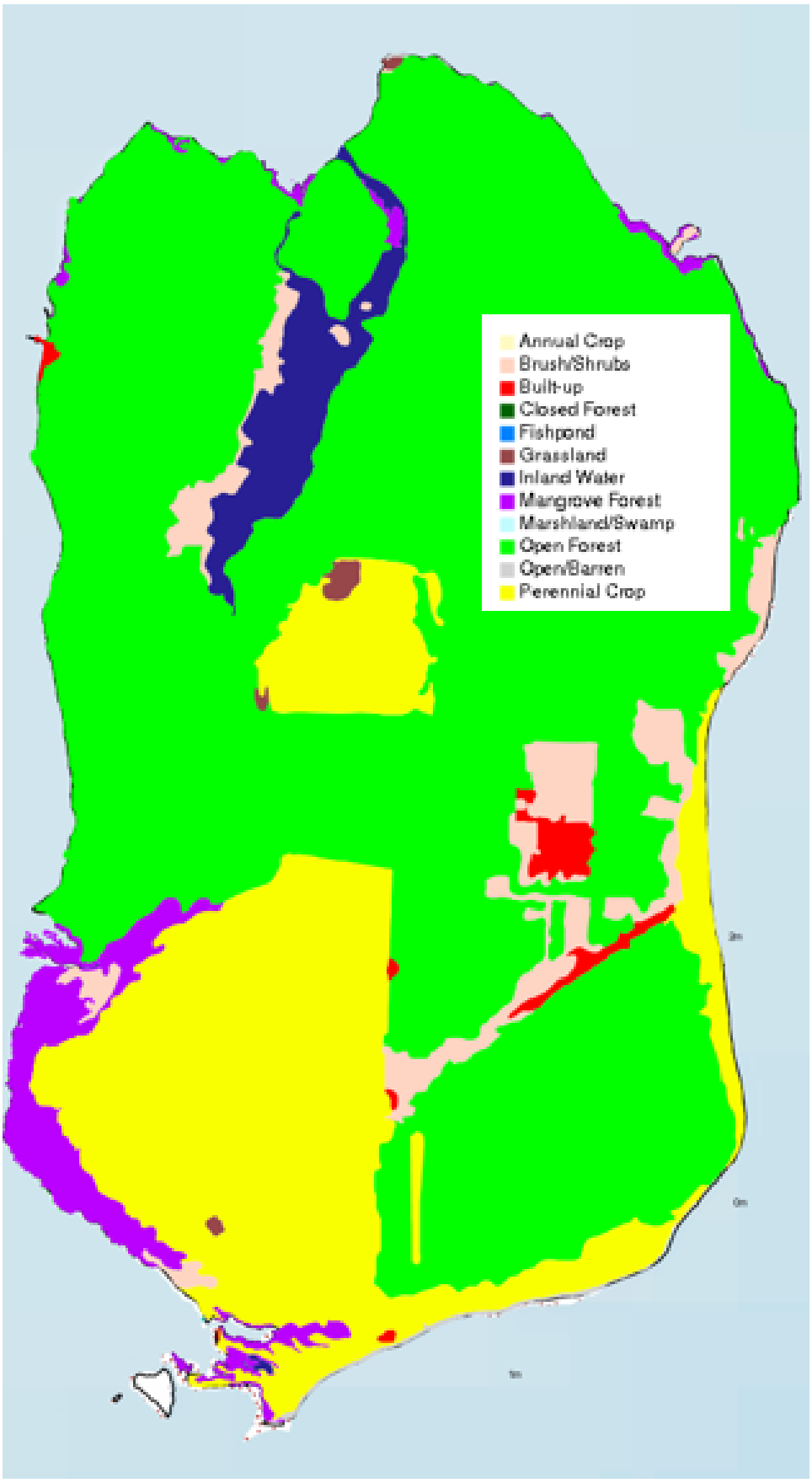


Figure 1-1: Project Location Map

Source: Google Earth

Figure 1-2: Bugsuk Island Satellite Image



Source: Geoportal PH

Figure 1-3: Bugsuk Island Land Cover Map

Site Development Plan

PROJECT COMPONENTS	AREA *In hectares*
1 Resort • Villas, Clubhouse, Specialty Restaurant, Pool Bar, SPA Villa, Sports Facility/Basketball Court, and Support Facilities	83.66
2 Power Station (33 MW)	170.56
3 Motor pool / Complex	2.00
4 Housing	198.08
5 Commercial/Residential Devt.	100.00
6 Fuel Storage (200,000-500,000 Liters)	0.75
7–10 Road Network • LK Road, Road to Resort, H-14 Road, and Road Adjacent to Residential/Commercial Devt.	50.34
11–15 Leasable Area (including roads and utilities)	4,548.74
16 Aerodrome	183.21
17 Eco-Tourism Area	230.2
Total Covered Area for "SEP & ECC" Applications:	**5,567.54**

ECC & SEP MASTER PLAN

BRICKTREE
PROPERTIES, INC.

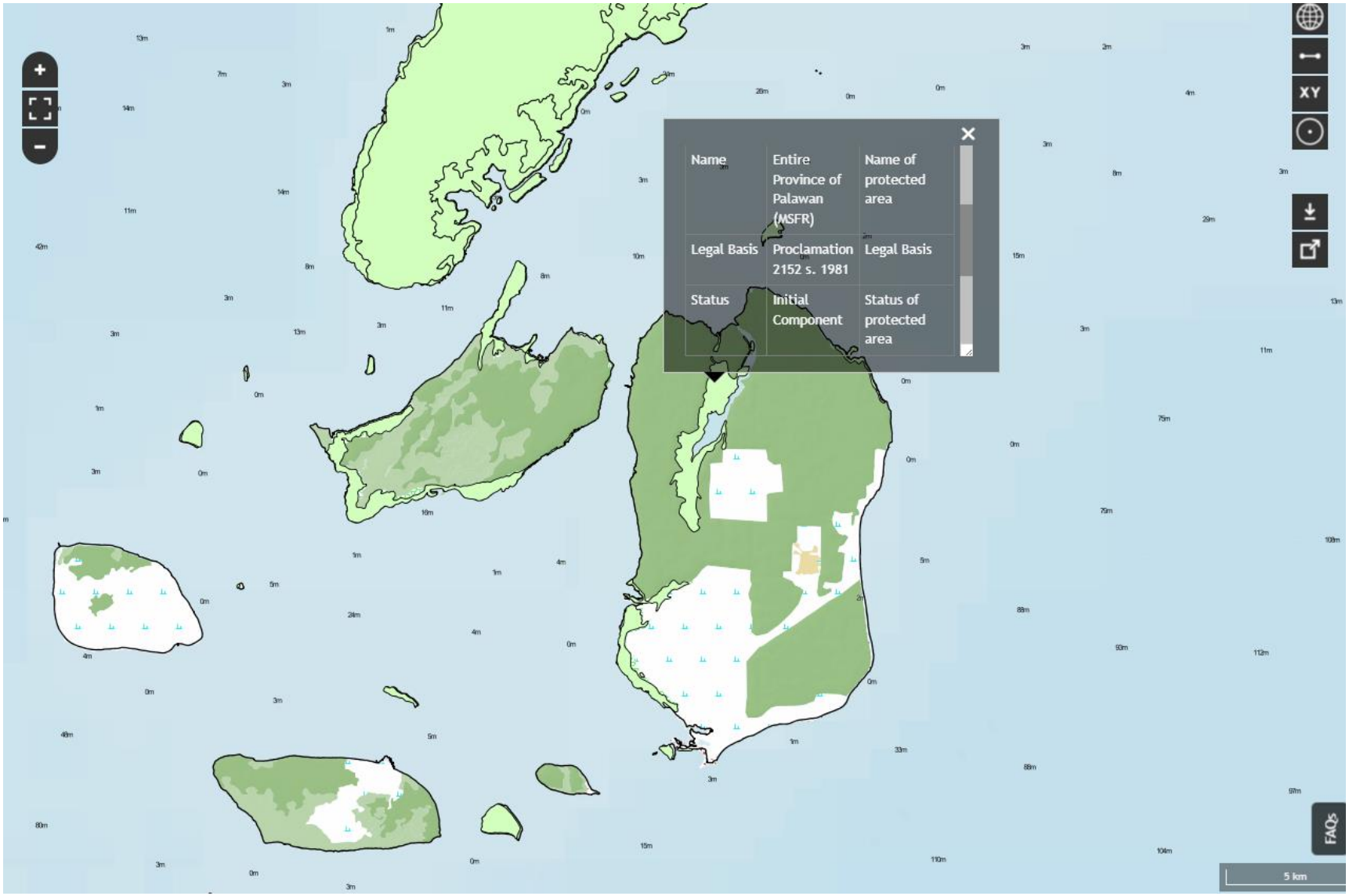
DISCLAIMER: Subject to change/s based on the study conducted for the area

Figure 1-4: Indicative Site Development Map

Plate 1-1: Site Photo – Aerodome

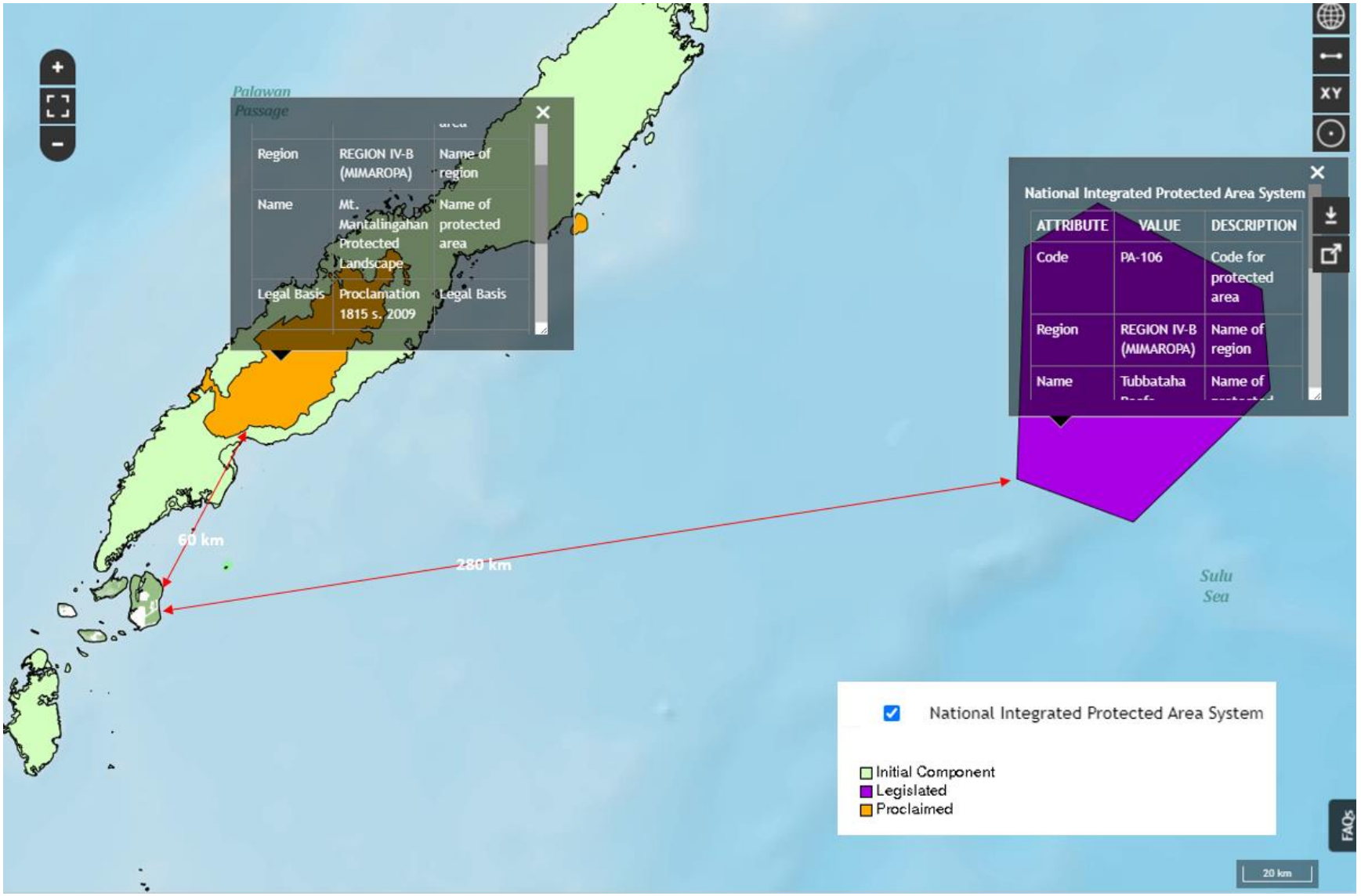
Plate 1-2: Site Photo

Plate 1-3: Site Photo – Near the Inland Waters



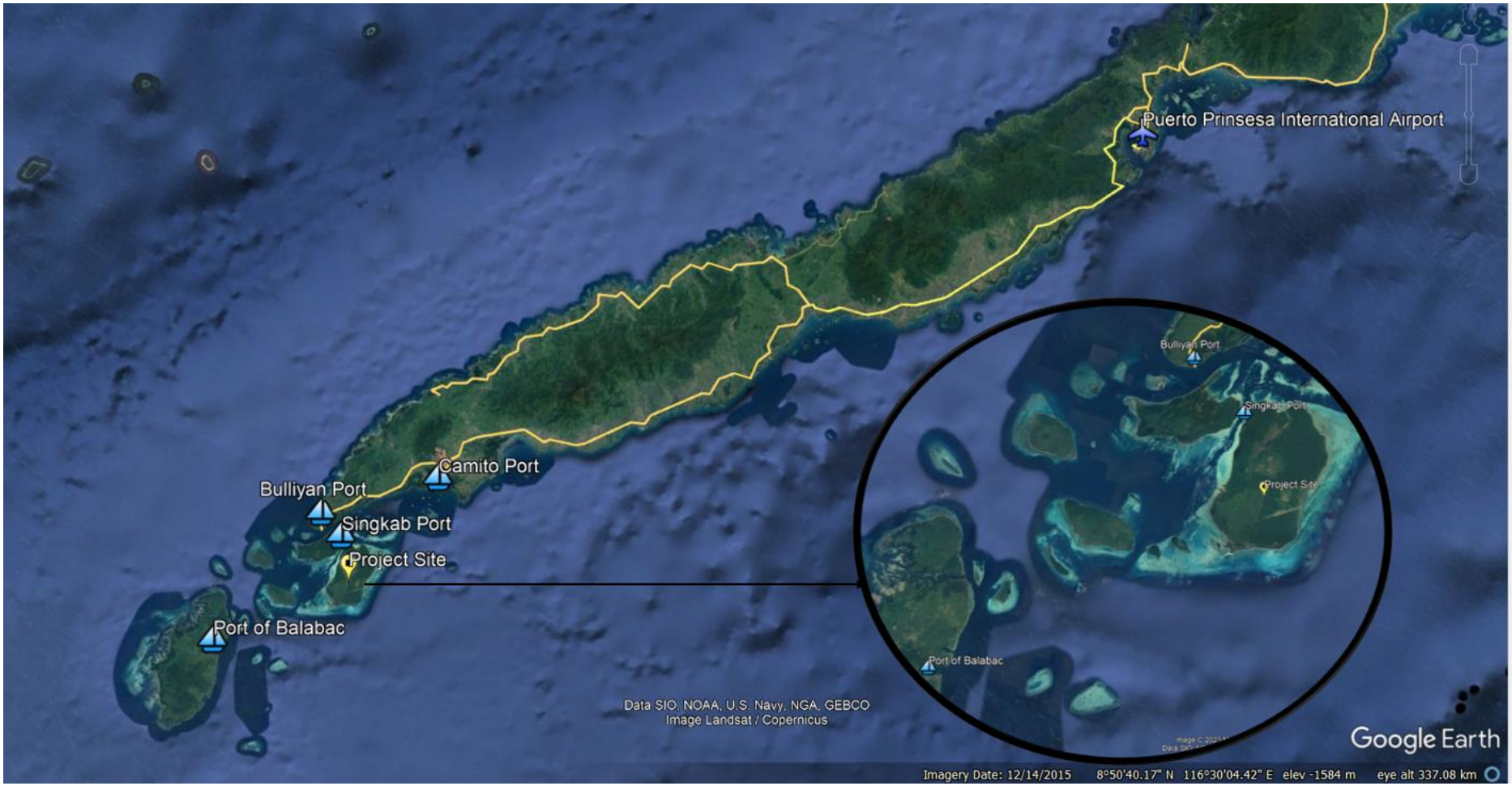
Source: Geoportal PH

Figure 1-5: Nearest Protected Area – Initial Component (Category: Mangrove Swamp Forest Reserve)



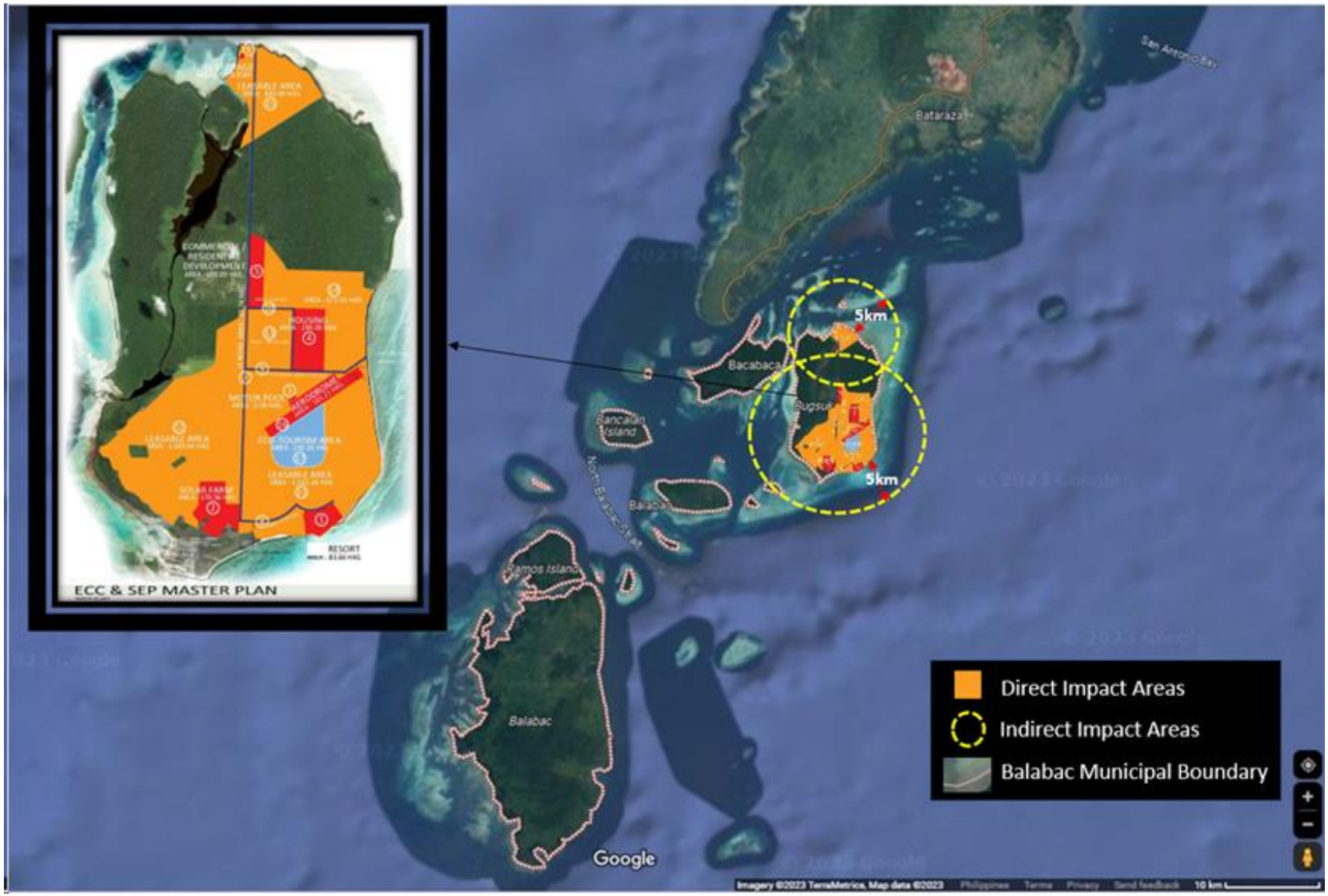
Source: Geoportal PH

Figure 1-6: Nearest Protected Area – Legislated and Proclaimed



Source: Google Earth

Figure 1-7: Project Site Accessibility



Source: Google Earth

Figure 1-8: Direct and Indirect Impact Areas

1.2 Project Rationale

The project is being to develop to establish the following:

- Develop and enhance eco-tourism landmark in Balabac, Palawan
- Local employment and social development programs for the host communities
- Eco-tourism development that showcase the natural beauty of the island's flora and fauna
- Build a commercial/residential/ island development with complete and access to basic utilities such as power, telecommunications, wastewater treatment, solid waste management, and transport facilities.

1.3 Project Alternatives

1.3.1 No project alternative

No project means that majority of the project site would remain "open forest" and "perennial crop".

1.3.2 Site Selection

There is no other island considered from the study aside from the Bugsuk Island which is mostly titled properties and does not fall within any CADT. Bugsuk island is chosen due to its natural beauty and scenic environment. Geohazards are also considered in the assessment of site selection as shown in **Table 1-9**. This geohazards will be mitigated through proper design and engineering.

Table 1-9: Geohazards Information within the Bugsuk Island

Description	Project Site Geohazard Assessment from Hazard Hunter PH
Nearest Active Fault	Approximately 554.2 km west of the Zamboanga Fault System
Ground Rupture	Safe
Ground Shaking	Prone
Liquefaction	Generally Susceptible
Tsunami	Safe
Nearest Active Volcano	Approximately 480.7 km northwest of Bud_Dajo
Nearest Potentially Active Volcano	Approximately 472.3 km northwest of Tumatangas; No immediate volcanic hazard threat
Ashfall	**Prone**
Nearest Inactive Volcano	Approximately 356.4 km northwest of Basilan; No immediate volcanic hazard threat
Flood	High Susceptibility; 1 to 2 meters flood height and/or more than 3 days flooding
Severe Wind (PAGASA)	88.1 - 117 kph (20-year return period); 88.1 - 117 kph (500-year return period)
Nearest Public Elementary School	Pampecs Es (bugsuk Es) (2.6 km)
Nearest Public Secondary School	Bugsuk Nhs (2.5 km)
Nearest Private Health Facility	Rtn Foundation, Inc. Hospital (37.2 km)

Reference: https://hazardhunter.georisk.gov.ph/ and MGB

1.3.3 Technology Selection

There is no other development project aside from the island development project on which the project would showcase the beauty and pristine condition of Bugsuk Island. The project with its multi-component project would develop a community and tourism landmark with access to basic utilities on which the current condition of the island is lacking.

1.3.4 Resource Utilization

The resource utilization is shown in **Table 1-10**.

Table 1-10 Resource Utilization

Resources	Bugsuk Island Existing	Project Construction Phase	Project Operation Phase
Water	Groundwater	Groundwater	Groundwater
Power	None	Generator	Power Station Generator
Wastewater	None	Proper drainage systems Portalets	Sewage Treatment Plant/ Wastewater Treatment
Telecommunication	None	Radio	Globe and Smart
Solid Waste Management	TBA	Materials Recovery Facility Hazardous Waste Facility Solid Waste Management	Materials Recovery Facility Hazardous Waste Facility Solid Waste Management

1.4 Project Components

The project components are presented in **Table 1-11**. A site development map is also presented in **Figure 1-4**.

Table 1-11: Project Components

Component	Capacity	Area
Resort •Villas, Clubhouse, Specialty Restaurant, Pool Bar, SPA Villa, Sports Facility/Basketball Court, and Support Facilities		83.66 ha
Power Station	33 MW	170.56
Motorpool / Complex		2.00
Housing		198.08
Commercial/Residential Devt.		100.00
Fuel Storage	200,000-500,000 Liters	0.75
Road Network •LK Road, Road to Resort, H-14 Road, and Road Adjacent to Residential/Commercial Devt.		50.34
Leasable Area (including roads and utilities)		4,548.74
Aerodrome		183.21
Eco-Tourism Area		230.2
Total Covered Area for "SEP & ECC" Applications:		**5,567.54**

1.4.1 Major Project Components

The major project components are shown in **Figure 1-9**.

Figure 1-9: Major Project Components

1.4.1.1 Resort

The Proponent plans to develop and construct a beach resort including its support facilities (i.e., telecommunication system, wastewater treatment, solid waste management system, water supply system, and other support facilities).

1.4.1.2 Proposed Power Station

The power requirement for the Project (resort villa cluster, villa cluster & hotel cluster) will be supplied by the Proposed Power Station.

1.4.1.3 Motorpool/ Complex

Motorpool or Complex for employees will be constructed where the warehouse, offices, clinic, worker's barracks and mess hall are located.

1.4.1.4 Housing

A housing facility will be constructed for the employees and staff of Resort.

1.4.1.5 Commercial/Residential Development

The Commercial/Residential Development will locate commercial shops for basic commodities, supplies, fitness, medicines and others, and possible residential as well.

1.4.1.6 Fuel Storage

To limit downtime, fuel storage will be constructed to supply Company's vehicles machineries and equipment within the Island.

1.4.1.7 Road Network

The Proponent will improved the existing access roads and develop access roads going to the major Components of the Project.

1.4.1.8 Leasable Area

The proposed Project is designed to locate commercial and leisure industry such as recreation, entertainment, sports and tourism-related products and services.

1.4.1.9 Aerodome

The existing aerodrome, with the following components: airstrip, hangar, apron, taxiway and perimeter wire fence, will provide access to air transportation for tourists, employees and local residents travelling to and from the island.

1.4.1.10 Eco-Tourism Area

The Eco-Tourism Area will be promoted as an area highlighting and showcasing the natural beauty of the Island, its flora & fauna, and with emphasis on sustainaility.

1.4.2 Support Facilities

The project support facilities are shown in **Figure 1-10**.

Figure 1-10: Project Support Facilities

1.4.2.1 Telecommunication System

The Proponent will tap particularly voice and data services from different service provider (e.g., Globe, Smart, etc.).

1.4.2.2 Wastewater Treatment

The Proponent will set up a sewage treatment plant / wastewater treatment facility to treat and remove pollutants and contaminants from wastewater, making it fit for use or for discharge back to the environment.

1.4.2.3 Solid Waste Management

The Proponent will also put in place a Solid Waste Management System to reduce or eliminate adverse impacts of solid wastes on the environment and human health.

1.4.2.4 Water Supply System

As part of the Project Development, the Proponent will harness surface waters from the nearby river and develop its own water for its Project Components.

1.4.2.5 Other Support Facilities

Other support facilities such as stand-by power supply will also be constructed. Perimeter fencing of the major Components may be constructed to secure the property and prevent entry of stray animals.

1.5 Projected Timeframe of the Project Phase

The projected timeframe of the project phase is shown in **Table 1-12**.

Table 1-12 Project Timeline

Project Activities	2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Pre-Construction								
Technical Studies, Permitting and Clearances such as ECC application, tree cutting, SEP, MOA etc.								
Purchase of equipment.								
Construction								
Access road clearing and construction								
Tree cutting and land clearing, construction of campsites, perimeter fencing, etc.								
Soil compaction and drainage construction/ installation								
Construction of the project components								
Operation								

1.6 Preliminary Identified Environmental Aspects for Each Alternative

The preliminary identified environmental impacts and mitigations of the project is presented in **Table 1-13**.

Table 1-13 Preliminary Identified Impacts and Mitigations

Possible issues and concerns	Response / Mitigations/ Enhancement Measures
The Land • Land tenurial issues and incompatibility within existing land use • Vegetation Removal (construction phase) • Generation of Solid Waste (construction and operation) • Geohazards (Heavy rains and severe wind condition (construction and operation)	• Secure applicable permits and clearances including land titles / rights • Conduct tree inventory and secure tree cutting permit from DENR EMB • Proper housekeeping and implementation of solid waste management plan & designation of Spoils Disposal Area • Early warning systems and proper erection of building foundations
The Water • Potential change in water quality (construction phase) • Water competition	• Maintain sufficient buffer to waterways • Application of water permit to NWRB • Proper solid waste management system • Establishment of waste treatment facility
The Air • Dust generation from land clearing activities and mobilisation (construction phase) • Mobilisation (construction and operation)	• Road spraying and speed limits • Vehicles/equipment will be properly checked (LTO registered and passed the carbon emission tests)
The People • Potential lost of fish related livelihood and conflict on the access/ navigation of locals	• Conduct of IEC • Conduct of alternative livelihood trainings • Priority hiring of qualified locals • Careful planning in the scheduling of delivery materials/ construction equipment

Possible issues and concerns	Response / Mitigations/ Enhancement Measures
• Generation of employment (construction and operation) and economic benefits • Road access	• Appropriate road and safety signages

Note: Preliminary only. To be verified during the EIA process.

1.7 EIA Preparer Team

The list of EIA preparer for this project is shown in **Table 1-14**.

Table 1-14: EIA Preparer

Component	Role
Jay Richard Siasoco	Project Management, Land Use and EIA Specialist
Ernesto Flores	EIA and Water Specialist
Patrick Caddarao	EIA Consolidator
Arnel Mendoza	Geology/ geomorphology and geohazards Specialist
Jan Paolo Pollisco	Terrestrial Ecologist - Flora
Edmund Leo Rico	Terrestrial Fauna – Edmund Leo Rico
Benjamin Francisco	Marine Ecologist
Elizabeth Geronnela	Freshwater Ecologist
Air Quality Specialist	Jay Delas Alas
Aileen Siasoco	Social Impact Assessment Specialist

2 PROPOSED LIST OF STAKEHOLDERS FOR PUBLIC SCOPING

DENR Administrative Order 2017-15 were used as guidelines on public participation under the Philippine Environmental Impact Statement System – list of stakeholders for public consultations. The proposed list (**Table 2-1**).

Table 2-1 Proposed List of Stakeholder for Public Scoping

Groups	Participants	Addressee
a) Local Government Units (LGU) in areas where all project facilities are proposed to beconstructed/ situated and where all operations are proposed to be undertaken		
Municipality of Balabac	Mayor's Office	**Hon. Shuaib Astami** Municipal Mayor Municipality of Balabac, Palawan CC: Sangguniang Bayan, Office of the Municipal Planning and Development Officer (MPDO), Municipal Engineering Office, Municipal Assessor Office, Community Environment and Natural Resources Officer (CENRO), Municipal Disaster Risk Reduction and Management Officer (MDRRMO), Public Safety and Traffic Management Department, Municipal Health Office, Municipal Social Welfare and Development Office, Gender and Development Office, and other concerned departments
	Vice Mayor' Office	**Hon. Al-Hazni Astami** Municipal Vice Mayor Municipality of Balabac, Palawan
	Municipal Health Office	Balabac District Hospital Brgy. Catagupan, Balabac +639199743304 Dennis Ponce de Leon Facility Head Poblacion I, Balabac dennisponcemd@yahoo.com 0927-893-31-11/0939-576-13-420921-518-86-77
	Barangay Bugsuk	**ABELARDO D. ALFARO** Punong Barangay CC: Barangay Council, Secretary, Peacekeeping Action Team, Tanod, Barangay Health Workers (BHW), Barangay Nutrition Scholars (BNS), Barangay Youth Council (SK), and other concerned groups (transport, women, seniors, fisherman, PWD, 4Ps, head of church and school, and general public)
	Barangay Sebaring	**MALVIN U. TOLEDO** Punong Barangay CC: Barangay Council, Secretary, Peacekeeping Action Team, Tanod, Barangay Health Workers (BHW), Barangay Nutrition Scholars (BNS), Barangay Youth Council (SK), and other concerned groups (transport, women, seniors, fisherman, PWD, 4Ps, head of church and school, and general public)
b) Government agencies with related mandate on the type of	Department of Tourism (DOT)	Region IV-B (MIMAROPA) Danilo B. Intong - Regional Director #351 Sen. Gil Puyat Ave., JB Bldg., Makati City Phone (63 2) 459-5200 loc. 210 / 890-1014

Groups	Participants	Addressee
project and its impacts		Fax (63 2) 890-0945 Email dot.mimaropa@gmail.com
	Palawan Council for Sustainable Development	Nino Rey C. Estoya, MNSA, CESe Acting Executive Director PCSDS Sta. Monica Heights PPC
	Department of Human Settlements and Urban Development (DHSUD)	**PETER DANIEL G. FRAGINAL** Director, Regional Office 4B Address: 5th floor, DHSUD Building, Kalayaan Avenue corner Mayaman Street, Diliman, Quezon City Email: region4b@dhsud.gov.ph
	Bureau of Fisheries and Aquatic Resources (BFAR)	Emmanuel H. Asis, DFT, CESE Address: Le Grace Building, Sitio Calawang, Brgy. Guinobatan, Calapan City, Oriental Mindoro 5200 Email: Ord.mimaropa@bfar.da.gov.ph; Contact: (043) 288-6305 Website: https://mimaropa.bfar.da.gov.ph/
	Biodiversity Management Bureau	Marcial C. Amaro Jr. *Director, In concurrent capacity as Assistant Secretary for Policy,* *Planning and Foreign-Assisted and Special Projects* Email: director@bmb.gov.ph Contacts: +(63 2) 9246031 to 35 local 203 & 204 +(63 2) 9204417
	Department of Environment and Natural Resources (DENR)	Felizardo B. Cayatoc PENRO Palawan Brgy. Sta. Monica, Pto. Princesa City, Palawan Email: penropalawan@denr.gov.ph Contact: (048) 433-5638 Leonard T. Caluya CENR Officer, Brooke's Point, Palawan Brgy. Poblacion, Brooke's Point, Palawan Email: cenrobrookespoint@denr.gov.ph cenrobrkspt@gmail.com Contact: 0917-502-8961
	Philippine Ports Authority	ELIZALDE M. ULSON Port Manager PMO Palawan emulson@ppa.com.ph (048) 434-5626
	Philippine Coastguard Balabac	CG CAPT DENNIS REM C. LABAY Commander, CGDPAL Address: Port Area, Brgy. Liwanag Port Area, Puerto Prinsesa City, Palawan Email: cgdpal@coastguard.gov.ph cgdpal.pcg@gmail.com Contact: 0970-216-8956/0975-110-7858
	National Commission on Indigenous Peoples	MARIE GRACE T. PASCUA Regional Director – Region 4B region4b@ncip.gov.ph (02) 8575 1200 Local 0450 3rd Floor 574 Argo Bldg. EDSA cor. P. Tuazon Ave., Cubao, Quezon City

Groups	Participants	Addressee
c) Interest groups (NGO/POs) preferably those with mission/s specifically related to the type and impacts or the proposed project	Katala Foundation Incorporated	Joel G. Jiminez Purok L Rancho, Barangay Santa Monica, Puerto Princesa
d) Households, business activities, industries that may be potentially displaced	TBA if any	
e) People whose socio-economic welfare and cultural heritage are projected to be affected by the project especially Vulnerable Sectors and Indigenous populations	· Representatives of the General Public · Vulnerable groups (PWD, Seniors, Solo Parents) · Fishermen · Farmers	Through Barangay Captain
	· Pantawid Pamilyang Pilipino Program (4PS)	
	· Women	
	· Youth	
f) Local Institutions (schools, churches, hospital)	Representatives from school, churches, and hospital	Path of Knowledge School Inc Pampecs Elementary School École de sebaring Bugsuk National High School

APPENDIX

Appendix A – Public Scoping Draft Invitation Letter

Appendix B – IEC Materials in Preparation for the Public Scoping

- Brochure
- Tarpaulin
- Programme of Activities

Appendix C – Draft Presentation of the Project During Public Scoping

APPENDIX A

Public Scoping Draft Invitation Letter

XX May 2023

XXXXX

Subject: Invitation to attend the Public Scoping for the proposed Bugsuk Island Eco-Tourism Development Project

Dear **XXXXXX**,

Greetings!

Bricktree Properties, Inc. is applying for an Environmental Compliance Certificate (ECC) for its "*Bugsuk Island Eco-Tourism Development Project*. The total area of the island development project is about 5,567.54 ha. The project site is within barangays Bugsuk and Sebaring located at Bugsuk Island, Balabac, Palawan. The proposed development includes the following:

- **Major Project Components:** Resort, Power Station, Motorpool/ Complex, Housing, Commercial/Residential Development, Fuel Storage, Road Network, Leasable Area, Aerodome and Eco-Tourism Area
- **Support Facilities:** Telecommunication System, Wastewater Treatment, Solid Waste Management, Water Supply System, and Other Support Facilities

In line with the proposed project, we would like to invite you to attend the Public Scoping scheduled on:

Date	Time	Venue
25 May 2023	Registration starts at 12:30 noon 1:30 PM to 4:00 PM	Bugsuk Community Center, Bugsuk Island, Municipality of Balabac, Palawan

The public scoping is an early stage in the Environmental Impact Assessment Process where the proponent aims to provide an overview of the proposed project, present proposed action, gather issues and concerns, and other relevant information to provide the scope of work and terms of reference for the preparation of Environmental Impact Statement.

All interested parties, organizations and agencies are encouraged to provide inputs during the Public Scoping and public review periods and provide comments to XXXX. A copy of the Project Description Report for Scoping is downloadable at our website: XXXX. For more details, you may contact the EMB Regional Office at telephone number XXXXXXX.

Thank you and we look forward to your participation!

Yours sincerely,

Joe Amil M. Salino
Regional Director
DENR-EMB MIMAROPA Region
6th floor, 1515 DENR by the Bay Bldg.,
Roxas Boulevard, Brgy. 668, Ermita, Manila

APPENDIX B

IEC Materials in Preparation for the Public Scoping

- Brochure
- Tarpaulin
- Programme

A) An adequate, timely and effective information disclosure and feedback mechanism.

B) Consideration of the needs of the vulnerable and disadvantaged and of gender concerns.

C) Discussions of relevant views of the affected people and other stakeholders for incorporation into the decision-making, such as project alternatives/design, mitigation measures, the sharing of development benefits and opportunities and implementation issues.

D) Defined roles and empowered citizens in taking responsibility in environmental protection.

Section 3. Scope of Public Participation Requirement

Public participation under the Philippine EIS System shall be required for the entire EIA Process from social preparation prior to scoping to impact management and monitoring during project implementation and abandonment.

Environment – shall refer to the totality of the external conditions affecting life, development and survival of organisms including the surrounding air, water (both ground and surface), land, flora, fauna, humans and their interrelations.

Environmental Aspects – elements of an organization's activities, products or services that can interact with the environment.

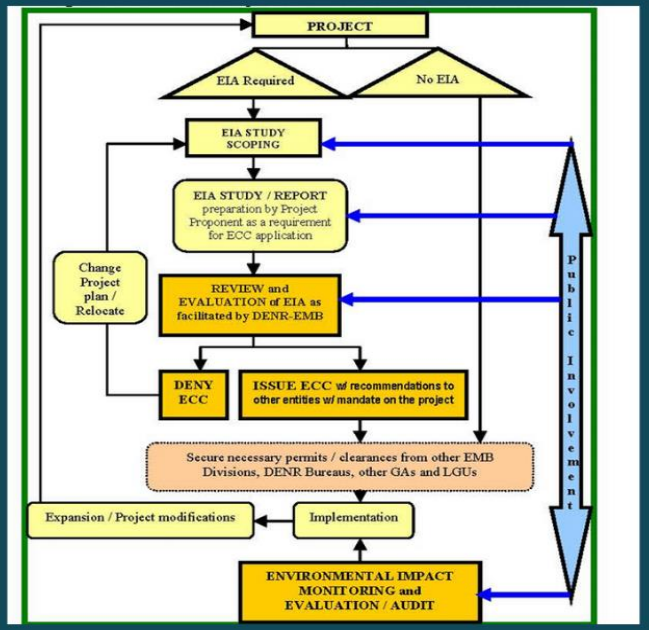
Environmental Compliance Certificate (ECC) – is a document that may be issued after thorough review of the EAI Report. It certifies that the proposed project has complied with the requirements of the EIA System and that the proponent has committed to implement its approved Environmental Management Plan (EMP).

Environmental Impact Statement (EIS) – an EIA Report type that is required to be submitted for ECC application for proposed ECP's and other project types that are expected to have a high degree of environmental impact significance.

Project or Undertaking – any activity, regardless of scale or magnitude, which may have significant impact on the environment.

Environmental Impact Assessment (EIA) – a process that involves predicting, monitoring and evaluating the impacts of a project (including cumulative impacts) on the environment during construction, commissioning, operation and abandonment. It also includes designing appropriate preventive, mitigating and enhancement measures to address these consequences to protect the environment and the community's welfare.

The EIA Process



CONTACT PERSON

JAY RICHARD R. SIASOCO
Environmental Specialist
(+63) 9155400790

BUGSUK ISLAND TOURISM DEVELOPMENT PROJECT

THE PROPONENT

Bricktree Properties Inc. (the "Proponent") is a 100% Filipino-owned stock corporation registered with the Securities & Exchange Commission on 18 February 2019.

BUSINESS ACTIVITY:
To invest in, purchase, or otherwise acquire and own, hold, manage, use, lease to or from a party, sell, assign, transfer, mortgage, pledge, exchange, or otherwise dispose of real and personal property of every kind and description.

PROJECT INFORMATION

PROJECT NAME:
Bugsuk Island Tourism Development Project

PROJECT COMPONENTS:

1. Resort
2. Power Station
3. Motorpool/Complex
4. Housing
5. Commercial/Residential Development
6. Fuel Storage
7. Aerodrome
8. Eco-Tourism Area
9. Road Networks
10. Leasable Area

BRICKTREE
PROPERTIES, INC.

ECC & SEP MASTER PLAN

PROJECT LOCATION

Barangay Bugsuk and Barangay Sebaring, Municipality of Balabac, Palawan

DENR ADMINISTRATIVE ORDER 2017-15 GUIDELINES ON PUBLIC PARTICIPATION UNDER THE PHILIPPINES ENVIRONMENTAL IMPACT STATEMENT (EIS) SYSTEM

Consistent with State Policies and Principles of the Philippine Constitution on the right of the people to a balanced and healthful ecology and on encouraging non-governmental, community-based, or sectoral organizations that promote the welfare of the nation, the provisions of PD 1151 and PD 1586 on the implementation of the Philippine EIS System and the 1992 Declaration of the United Nations Conference on Environment and Development (UNICED) emphasizing that environmental issues are best handled with the participation of all concerned citizens as well as with the thrust of the Department of Environment and Natural Resources (DENR) to promote social justice, the following guidelines on Public Participation are hereby promulgated.

Section 1. Basic Policy and Principles

Common good shall be promoted through public participation. It shall employ the following basic principles:

A. Public Participation should be initiated early and sustained at the various stages of the EIA Process
B. Public Participation should be well planned and should involve the stakeholders in the assessment, management and monitoring of environmental impacts.
C. Timely public disclosure of all necessary relevant information especially to the stakeholders who shall be made to understand their participation for each stage of the process.

Section 2. Objectives and Outcome

To improve and rationalize Public Participation under the Philippine EIS System by incorporating best practice principles and standardizing the procedures and requirements.

The intended outcome is to achieve meaningful public participation under the Philippine EIS System at the various stages of the EIA Process through:

WELCOME PARTICIPANTS

Project: Environmental Impact Statement for the Bugsuk Island Ecotourism Development Project
Proponent: Bricktree Properties, Inc.
What: Public Scoping
Date: 25 May 2023, Thursday, 1:30pm to 4:00pm
Venue: Bugsuk Community Center, Bugsuk Island, Municipality of Balabac, Palawan

Project: Environmental Impact Statement for the Bugsuk Island Eco-Tourism Development Project
Proponent: Bricktree Properties, Inc.
What: Public Scoping
Date: 25 May 2023, Thursday, 1:30pm to 4:00pm
Venue: Bugsuk Community Center, Bugsuk Island, Balabac, Palawan

Program of Activities:

Time Allotted	Program	Presentor/ Presentee
12:30 – 1:30 pm	Registration	EIA Preparer Consultant
1:30 – 1:33 pm	Opening Prayer	TBA
1:33 – 1:35 pm	National Anthem	Audio-Visual Presentation
1:35 – 1:45 pm	Welcome Remarks	TBA
1:45 – 1:55 pm	Acknowledgement of Participants	EMB MIMAROPA
1:55 – 2:10 pm	EIA Process focused on Scoping Process and Objective of the Public Scoping	EMB MIMAROPA
2:10 – 2:40 pm	Project Description	Bricktree Properties, Inc. / EIA Preparer Consultant
2:40 – 3:40 pm	Open Forum	
3:40 – 3:50 pm	Summary of Concerns during the Open Forum	EMB MIMAROPA
3:50 – 3:55 pm	Summary of Proponent's Response to Concerns	Bricktree Properties, Inc. / EIA Preparer Consultant
3:55 – 4:00 pm	Next Steps/ Closing Remarks	EMB MIMAROPA

APPENDIX C

Draft Presentation of the Project During Public Scoping

PUBLIC SCOPING

Project: Environmental Impact Statement for the Bugsuk Island Eco-Tourism Development Project
Proponent: Bricktree Properties, Inc.
What: Public Scoping
Date: 25 May 2023, Thursday, 1:30pm to 4:00pm
Venue: Bugsuk Community Center, Bugsuk Island, Municipality of Balabac, Palawan

1

Project Description

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ABOUT| BRICKTREE PROPERTIES INC.

BRICKTREE
PROPERTIES, INC.

Bricktree Properties Inc. (the "Proponent") a stock corporation registered with the Securities & Exchange Commission on 18 February 2019. The proponent of the property where the proposed project is planned to be located.

BRICKTREE
PROPERTIES, INC.

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ABOUT| BRICKTREE PROPERTIES INC.

BRICKTREE
PROPERTIES, INC.

BUSINESS ACTIVITY	ADDRESS	NATIONALITY
To invest in, purchase, or otherwise acquire and own, hold, manage, use, lease to or from a party, sell, assign, transfer, mortgage, pledge, exchange, or otherwise dispose of real and personal property of every kind and description.	No. 38 Delgado St., Brgy. San Antonio, San Antonio Village, Pasig City 1605	100% Filipino

BRICKTREE
PROPERTIES, INC.

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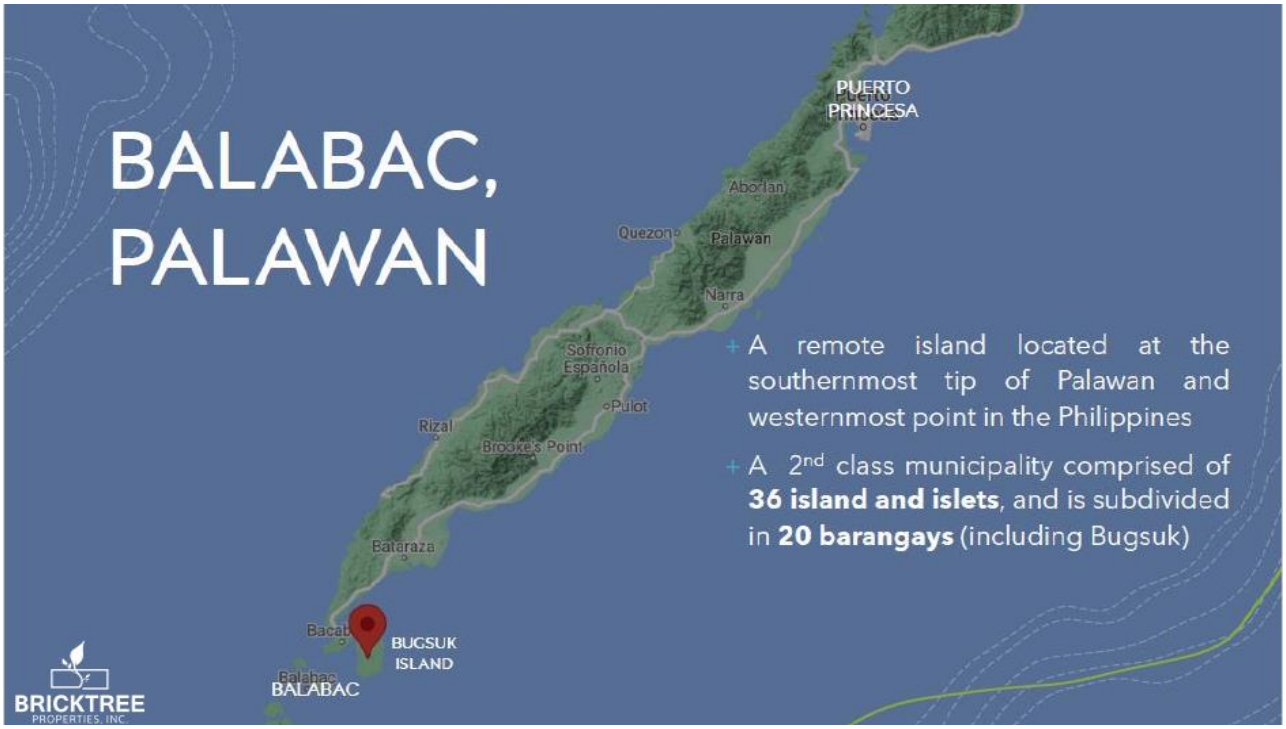
BALABAC, PALAWAN
PUERTO PRINCESA
Aborlan
Quezon
Palawan
Narra
Sofronio Española
Pulot
Rizal
Brooke's Point
Bataraza
Bacab
BUGSUK ISLAND
Balabac
BALABAC
A remote island located at the southernmost tip of Palawan and westernmost point in the Philippines
A 2nd class municipality comprised of 36 island and islets, and is subdivided in 20 barangays (including Bugsuk)
BRICKTREE
PROPERTIES, INC.

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Bugsuk Island
BUGSUK ISLAND,
BALABAC, PALAWAN
Located at the north easternmost part of Balabac
Bugsuk is formerly known as "New Cagayancillo"
Has a total land area of 12,445 has.
Estimated elevation above sea level is 5.8 meters (19.0 feet)
Bon Bon Beach
BRICKTREE
PROPERTIES, INC.

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Project Rationale

- Develop and enhance eco-tourism landmark in Balacbac, Palawan
- Local employment and social development programs for the host communities
- Eco-tourism development that showcase the natural beauty of the island's flora and fauna
- Build a commercial/residential/ island development with complete and access to basic utilities such as power, telecommunications, wastewater treatment, solid waste management, and transport facilities.

7

Project Alternatives

- No project means that majority of the project site would remain "open forest" and "perennial crop"
- There is no other island considered from the study aside from the Bugsuk Island which is mostly titled properties and does not fall within any CADT.
- Bugsuk island is chosen due to its natural beauty and scenic environment. Geohazards are also considered in the assessment of site selection
- The project with its multi- component project would develop a community and tourism landmark with access to basic utilities on which the current condition of the island is lacking

8

Project Alternatives

Description	Project Site Geohazard Assessment from Hazard Hunter PH
Nearest Active Fault	Approximately 554.2 km west of the Zamboanga Fault System
Ground Rupture	Safe
Ground Shaking	Prone
Liquefaction	Generally Susceptible
Tsunami	Safe
Nearest Active Volcano	Approximately 480.7 km northwest of Bud_Dajo
Nearest Potentially Active Volcano	Approximately 472.3 km northwest of Tumatangas; No immediate volcanic hazard threat
Ashfall	**Prone**
Nearest Inactive Volcano	Approximately 356.4 km northwest of Basilan; No immediate volcanic hazard threat
Flood	High Susceptibility; 1 to 2 meters flood height and/or more than 3 days flooding
Severe Wind (PAGASA)	88.1 - 117 kph (20-year return period); 88.1 - 117 kph (500-year return period)
Nearest Public Elementary School	Pampecs Es (bugsuk Es) (2.6 km)
Nearest Public Secondary School	Bugsuk Nhs (2.5 km)
Nearest Private Health Facility	Rtn Foundation, Inc. Hospital (37.2 km)

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Project Description

Resource Utilization:

Resources	Bugsuk Island Existing	Project Construction Phase	Project Operation Phase
Water	Groundwater	Groundwater	Groundwater
Power	None	Generator	Power Station Generator
Wastewater	None	Proper drainage systems Portalets	Sewage Treatment Plant/ Wastewater Treatment
Telecommunication	None	Radio	Globe and Smart
Solid Waste Management	TBA	Materials Recovery Facility Hazardous Waste Facility Solid Waste Management	Materials Recovery Facility Hazardous Waste Facility Solid Waste Management

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BUGSUK ISLAND

Accessibility

MODES OF TRANSPORTATION	DURATION
BY AIR (via private plane from Manila)	~1-1.5hrs (Bugsuk Airstrip)
BY AIR (via commercial plane) i. BY AIR (Manila to Puerto Princesa) ii. BY LAND (Puerto Princesa to Rio Tuba) iii. By Sea (Rio Tuba to Singkab Port, Bugsuk) iv. By Land (Singkab Port to Community)	~1D for Morning Flight, 2D for Afternoon Flight ~1.5 Hrs (Commercial Airline) - 6 to 7 hours - 45 min. to 1hr & 45 min. ~0.5 hrs
BY BARGE (via LCT) a) Baseco Manila Port - Singkab Port b) Brookes Point Palawan – Singkab Port	 ~4.5 Days ~0.5 Day

BRICKTREE PROPERTIES, INC.

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BUGSUK PROJECT

Location	Municipality of Balabac, Palawan, MIMAROPA Region
Land Area	5,567.54 has. *Total covered area for ECC & SEP applications. **Bugsuk Island has a total estimated area of 12,445 has.
Barangays	Bugsuk Sebaring
Proponent	Bricktree Properties, Inc.
Highlights/Features	• Rehabilitated Concreted Runway Airstrip (3 km. In length) • Bonbon beach (8 km. coastline • East Coastal Road (22.36 km.)

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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ABOUT | BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Site Development Plan

PROJECT COMPONENTS	AREA *In hectares*
1 Resort • Villas, Clubhouse, Specialty Restaurant, Pool Bar, SPA Villa, Sports Facility/Basketball Court, and Support Facilities	83.66
2 Power Station (33 MW)	170.56
3 Motor pool / Complex	2.00
4 Housing	198.08
5 Commercial/Residential Devt.	100.00
6 Fuel Storage (200,000-500,000 Liters)	0.75
7–10 Road Network • LK Road, Road to Resort, H-14 Road, and Road Adjacent to Residential/Commercial Devt.	50.34
11–15 Leasable Area (including roads and utilities)	4,548.74
16 Aerodrome	183.21
17 Eco-Tourism Area	230.2
Total Covered Area for "SEP & ECC" Applications:	**5,567.54**

ECC & SEP MASTER PLAN

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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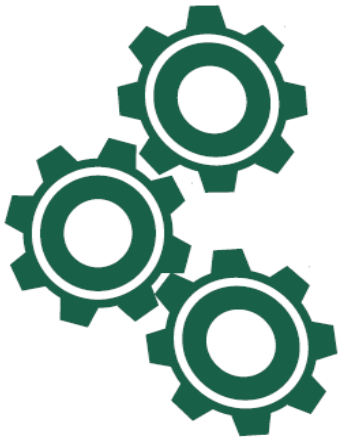
ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Project Components



- ❑ Resort
- ❑ Power Station
- ❑ Motor Pool or Complex
- ❑ Housing
- ❑ Commercial/Residential Devt.
- ❑ Fuel Storage
- ❑ Road Network
- ❑ Leasable Area
- ❑ Aerodrome
- ❑ Eco-Tourism Area

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Project Components

Resort

The Proponent plans to develop and construct a beach resort including its support facilities (i.e., telecommunication system, waste water treatment, solid waste management system, water supply system, and other support facilities).

Power Station

The power requirement for the Project (resort villa cluster, villa cluster & hotel cluster) will be supplied by the Power Station.

Motor Pool/Complex

Motor Pool or Complex for employees will be constructed where the warehouse, offices, clinic, worker's barracks and mess hall are located.

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Project Components

Housing

A housing facility will be constructed for the employees and staff of the Resort.

Commercial/Residential Development

The Commercial/Residential Development will locate commercial shops for basic commodities, supplies, fitness, medicines and others, and possible residential as well.

Fuel Storage

To limit downtime, fuel storage will be constructed to supply Company's vehicles machineries and equipment within the Island.

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Project Components

Road Network

The Proponent will improved the existing access roads and develop access roads going to the major Components of the Project.

Leasable Area

The proposed Project is designed to locate commercial and leisure industry such as recreation, entertainment, sports and tourism-related products and services.

Aerodrome

The existing aerodrome, with the following components: airstrip, hangar, apron, taxiway and perimeter wire fence, will provide access to air transportation for tourists, and employees travelling to and from the island.

Eco-Tourism Area

The Eco-Tourism Area will be promoted as an area highlighting and showcasing the natural beauty of the Island, its flora & fauna, and with emphasis on sustainability.

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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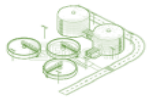
ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Support Facilities

Telecommunication System

The Proponent will tap particularly voice and data services from different service provider (e.g., Globe, Smart, etc.)

Waste Water Treatment



The Proponent will set up a sewage treatment plant / waste water treatment facility to treat and remove pollutants and contaminants from wastewater, making it fit for use or for discharge back to the environment.

Solid Waste Management

The Proponent will also put in place a Solid Waste Management System to reduce or eliminate adverse impacts of solid wastes on the environment and human health.

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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ABOUT| BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Support Facilities

Water Supply System

As part of the Project Development, the Proponent will harness surface waters from the nearby river and develop its own water for its Project Components.

Other Support Facilities

Other support facilities such as stand-by power supply will also be constructed. Perimeter fencing of the major Components may be constructed to secure the property and prevent entry of stray animals.

BRICKTREE PROPERTIES, INC.

DISCLAIMER: Subject to change/s based on the study conducted for the area

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Project Timeframe

Project Activities	2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Pre-Construction								
Technical Studies, Permitting and Clearances such as ECC application, tree cutting, SEP, MOA etc.								
Purchase of equipment.								
Construction								
Access road clearing and construction								
Tree cutting and land clearing, construction of campsites, perimeter fencing, etc.								
Soil compaction and drainage construction/ installation								
Construction of the project components								
Operation								

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Environmental Impact Assessment

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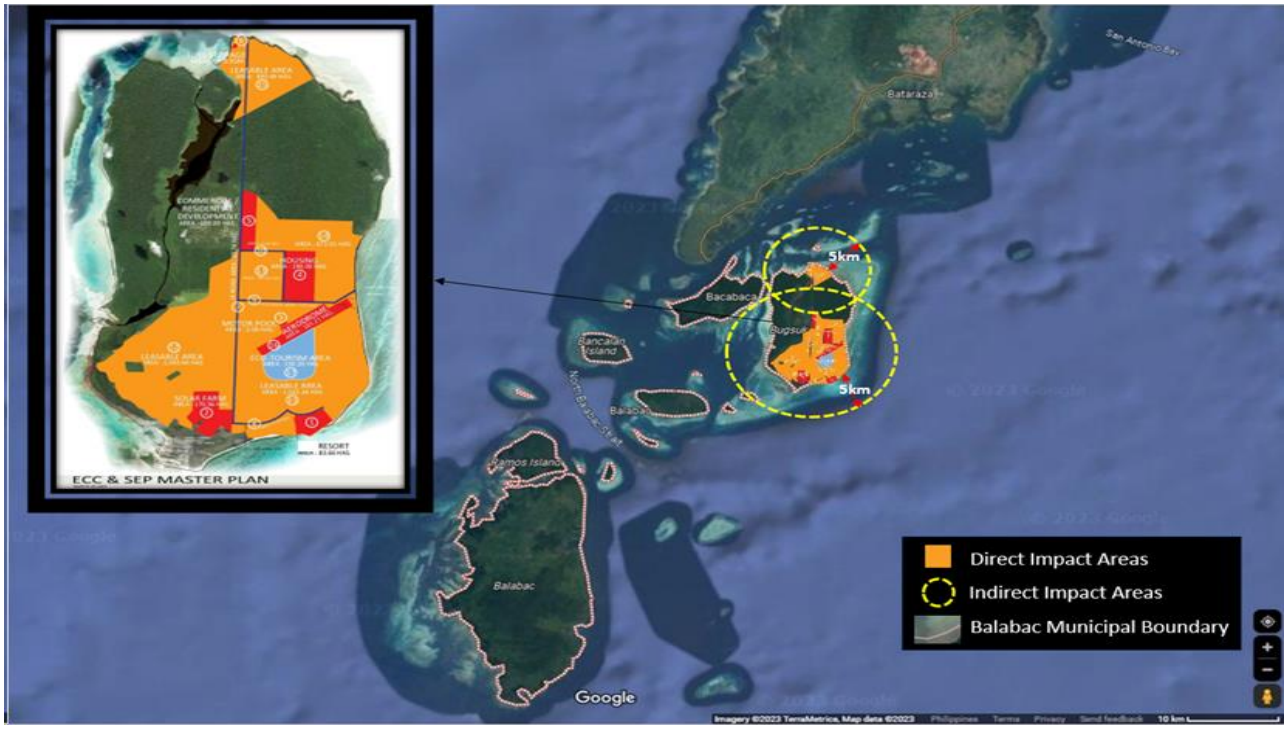
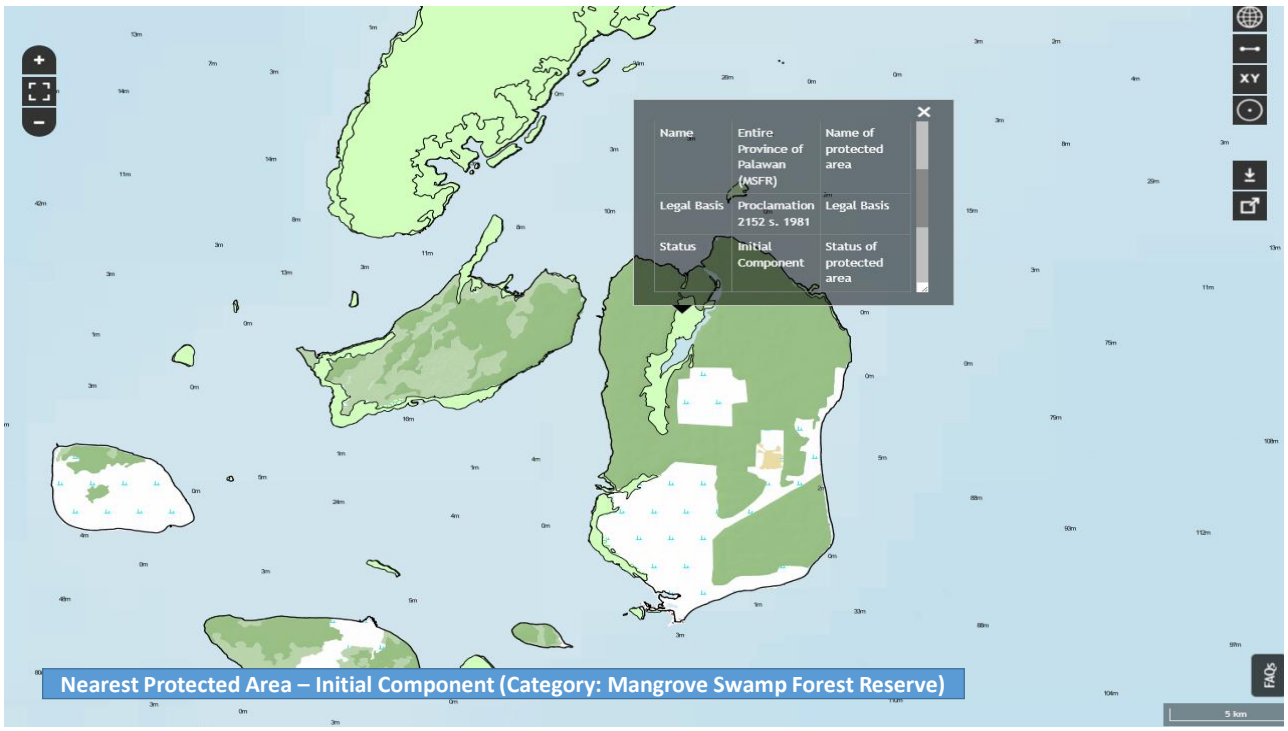

ECC & SEP MASTER PLAN
5km
5km
Bacabaca
Bugsuk
Bancalan Island
North Balabac Strait
Balabac
Ramos Island
Balabac
Bataraza
San Antonio Bay
Direct Impact Areas
Indirect Impact Areas
Balabac Municipal Boundary
Google

25


Name
Entire Province of Palawan (MSFR)
Name of protected area
Legal Basis
Proclamation 2152 s. 1981
Legal Basis
Status
Initial Component
Status of protected area
Nearest Protected Area – Initial Component (Category: Mangrove Swamp Forest Reserve)
FAQs
5 km

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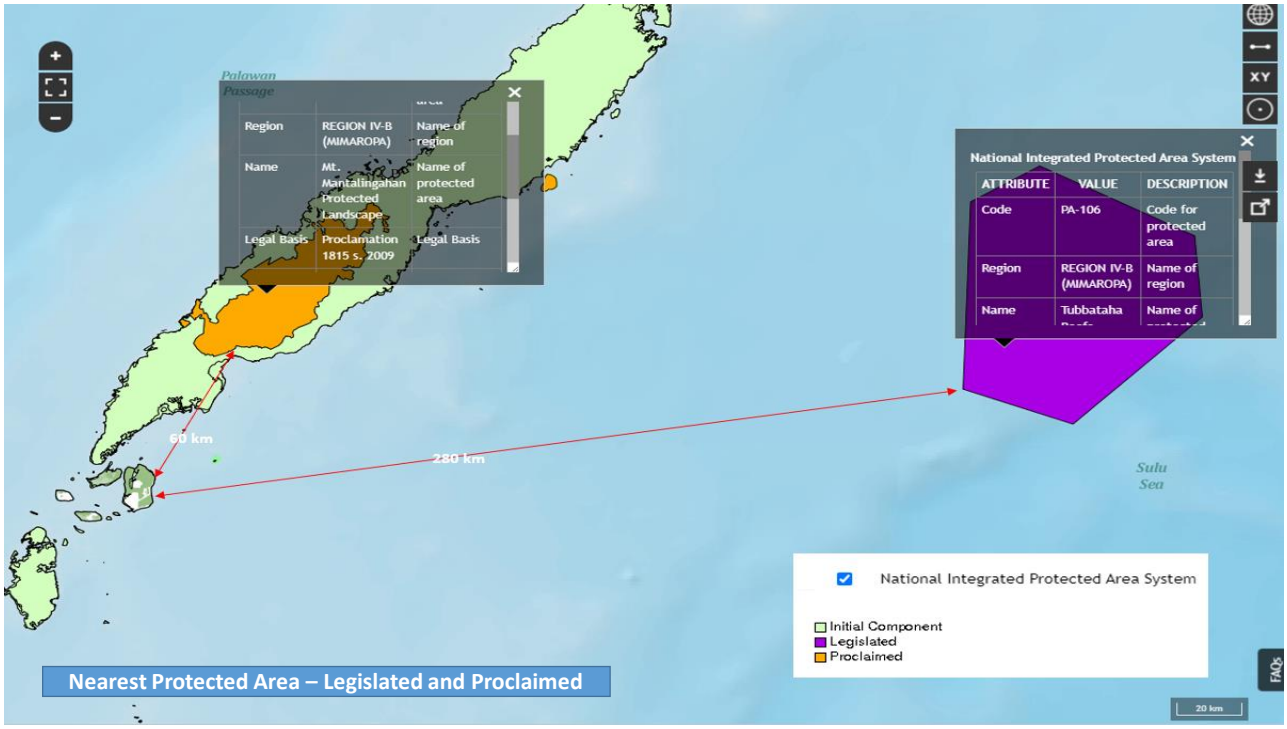

Nearest Protected Area – Legislated and Proclaimed

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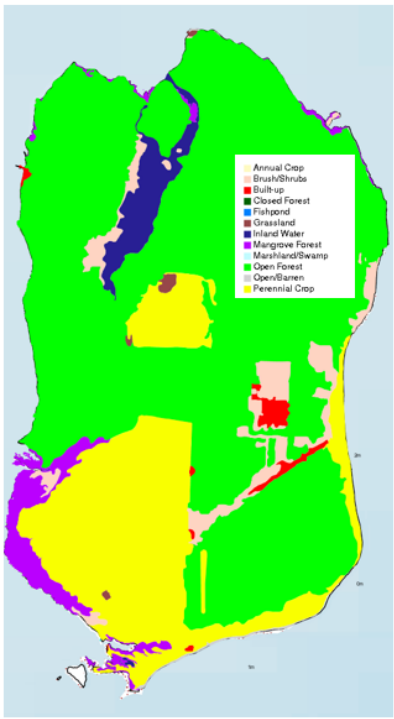

Land Cover

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Preliminary identified environmental impacts and mitigations

Possible issues and concerns	Response / Mitigations/ Enhancement Measures
The Land • Land tenurial issues and incompatibility within existing land use • Vegetation Removal (construction phase) • Generation of Solid Waste (construction and operation) • Geohazards (Heavy rains and severe wind condition (construction and operation)	• Secure applicable permits and clearances including land titles / rights • Conduct tree inventory and secure tree cutting permit from DENR EMB • Proper housekeeping and implementation of solid waste management plan & designation of Spoils Disposal Area • Early warning systems and proper erection of building foundations
The Water • Potential change in water quality (construction phase) • Water competition	• Maintain sufficient buffer to waterways • Application of water permit to NWRB • Proper solid waste management system • Establishment of waste treatment facility
The Air • Dust generation from land clearing activities and mobilisation (construction phase) • Mobilisation (construction and operation)	• Road spraying and speed limits • Vehicles/equipment will be properly checked (LTO registered and passed the carbon emission tests)
The People • Potential lost of fish related livelihood and conflict on the access/ navigation of locals • Generation of employment (construction and operation) and economic benefits • Road access	• Conduct of IEC • Conduct of alternative livelihood trainings • Priority hiring of qualified locals • Careful planning in the scheduling of delivery materials/ construction equipment • Appropriate road and safety signages

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EIA Activities

- Collection and review of secondary data from concerned agencies
- Information, Communication and Education (IEC) Campaign
- Focus Group Discussions
- Household Survey
- Public Consultation
- Photo documentation
- Land, Water, Air & Noise, Flora, Fauna sampling and activities

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Request for Information for the EIA Study

Municipality of Balabac	Barangay
• Socio-Economic Profile • Comprehensive Land Use Plan (CLUP) • Disaster Risk Reduction Plan • Barangay Profile and Community-Based Monitoring System (CBMS) of Direct Impact Barangays	• Barangay Profile / Development Plan • Barangay Socio-Economic Profile • Barangay Health Profile • Barangay Disaster Risk Reduction Plan • Community-Based Monitoring System (CBMS) Household Survey Results

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Contact Information

For Environmental Impact Assessment (EIA) - related issues and concerns:

Jay Richard R. Siasoco
EIA Preparer – Team Leader
+63 915 540 0790
jrsiasoco.egreen@gmail.com

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BUGSUK ISLAND ECO-TOURISM DEVELOPMENT PROJECT

Thank you!!

BRICKTREE
PROPERTIES, INC.

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E-Green Management and Environmental Consultancy Corporation

END