



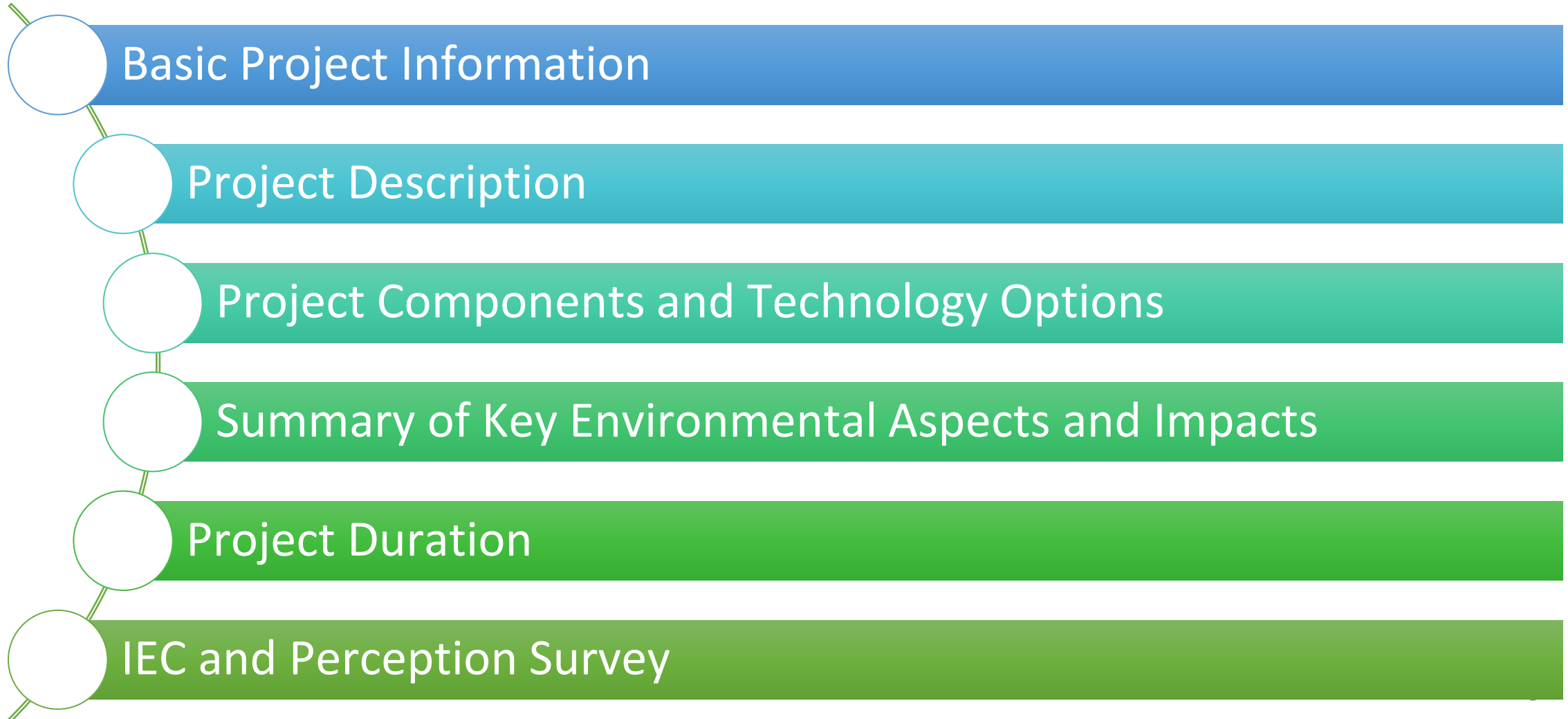
PUBLIC SCOPING

Proposed Desalination Plant, Manager's Quarters with Laundry Area and Specialty Restaurant for The Lind Resort and Spa

PROGRAM

Time	Program	Resource Person
8:00 AM – 8:30 AM	Registration	
9:00 AM-9:30 AM	Preliminaries Opening Prayer, Acknowledgment of Participants	Proponent/Lind Representative
9:30 AM-9:45 AM	Opening Remarks	Proponent/LGU Representative
9:45 AM-10:15 AM	Overview of Philippine Environmental Impact Assessment (EIA) System	EMB Representative
10:15 AM – 11:00 AM	Presentation	EIA Preparer: Rijel Yoly Pinlac
11:00 AM-12:00 Noon	Open Forum	
12:00 Noon	End of the Public Scoping	

OUTLINE OF PRESENTATION



BASIC PROJECT INFORMATION



Name of the Project	Proposed Desalination Plant, Manager's Quarters with Laundry Area and Specialty Restaurant for The Lind Resort and Spa
Project Type	Water Supply Project and Resort and other tourism/leisure projects
Location	Sitio Tandel/Lelebken, Barangay Bintuan, Coron, Palawan
Road length	1,986.11 square meters
Proponent's Name	Scotland Inc.
Company Representative/ Position	Ms. Daryl Lind Tan / Representative

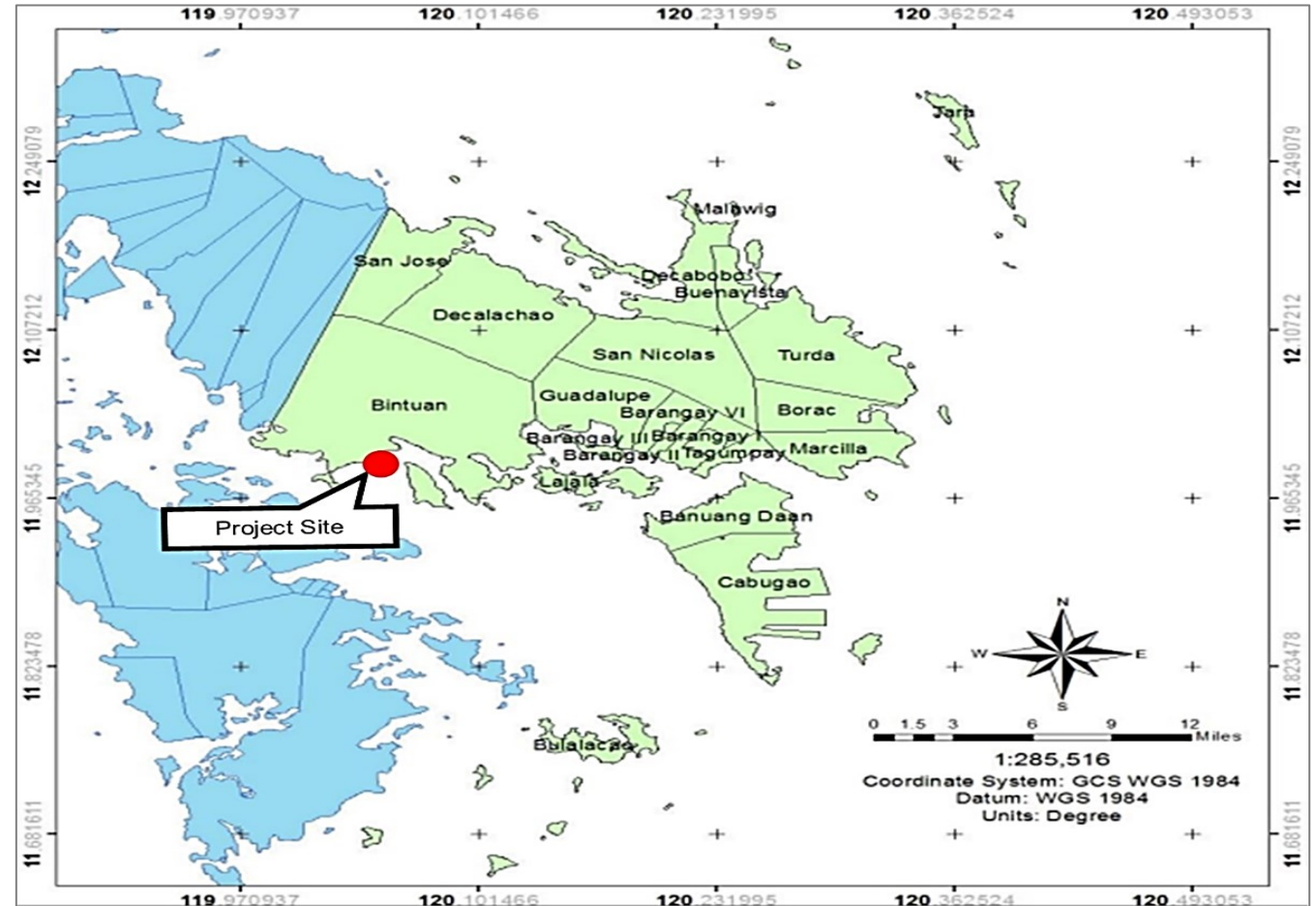


PROJECT LOCATION AND AREA



The Proposed Desalination Plant, Manager's Quarters and Specialty Restaurant is to be sited in an aggregate land area of 1,986.11 square meters (sq.m.) lot within Scotland Inc.'s existing lot complex located at Sitio Tandol, Barangay Bintuan, Coron, Palawan.

It lies within the geographical coordinates of $11^{\circ}59'54.49''\text{N}$ and $120^{\circ}02'48.95''\text{E}$.





PROJECT RATIONALE



The proposed project for The Lind Resort and Spa aims to overcome limited freshwater availability and improve sustainability. The desalination plant provides a reliable water supply by converting seawater into freshwater, reducing reliance on local sources. On-site facilities for managers and laundry enhance efficiency, while the specialty restaurant enhances the guest experience and attracts more visitors.

The project also brings economic benefits through employment opportunities and increased tourism revenue.

OBJECTIVES



The proposed project at The Lind Resort and Spa aims to enhance sustainability, operational efficiency, and the guest experience.

The specific objectives are to **improve** existing facilities, **support** tourism development in Barangay Bintuan, and **uplift** the socio-economic conditions of the local community through job creation.

PROJECT SIZE AND COMPONENTS



The desalination plant has a total area of 384.51 square meters.

Components	Area (sq.m.)
Desalination Plant	
1. Rainwater Tank	114.9
2. Potable Tank	112.65
3. Raw Water Tank	38.02
4. Non-Potable Tank	58.23
5. Transfer Pump Room	38.07
6. Walkway (Stair Inclusive)	22.64
TOTAL	384.51

PROJECT SIZE AND COMPONENTS



Components	Area (sq.m.)
Lower Ground Floor Plan (Manager's Quarter)	191.9
Ground Floor Plan (Laundry)	432.62
Second Floor Plan (Manager's Quarter)	529.48
Roof Deck	580.23
TOTAL	2,118.74

The laundry and manager's quarter building has total area of 2,118.74 square meters that will consist of manager's quarters, male and female dormitory, toilet, porch, store room, sorting/receiving and folding area, housekeeping office, laundry office, and laundry area.

PROJECT SIZE AND COMPONENTS



Components	Area (sq.m.)
Specialty Restaurant	609.354
TOTAL	609.354

This specialty restaurant will offer international cuisine and serves fresh seafood delicacies and likewise the restaurant can be used as resting area.

PROCESS TECHNOLOGY / UTILITIES



Building Construction

Particular	Description
Electrical System Installation	all electrical installations shall conform to specifications of Busuanga Island Electric Cooperative, Inc (BISELCO)
Mechanical System Installation	All mechanical works for the proposed project will be executed in strict compliance with the Philippine Mechanical Engineering Code, 1984 Edition
Construction Materials	The proposed Expansion Project of The Lind Resort and Spa will prioritize the use of locally sourced construction materials

RESOURCE UTILIZATION



The propose project will source out its water requirement from existing water system in the affected local government units. meanwhile, power for the temporary facilities is expected to be sourced from Busuanga Island Electric Cooperative, Inc.

Generators will also be used to power construction sites far from the BISELCO power lines. No other alternatives were considered for water and power resources.

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Pre-Construction and Construction		
Land	<ul style="list-style-type: none">· Generation of sewage and solid waste	<ul style="list-style-type: none">· Provide portable toilets for workers;· Provide garbage bins in strategic locations;· Implementation of waste segregation and reuse/recycle the recyclables; and· Proper disposal of non-recyclable wastes through a DENR accredited contractor.

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Pre-Construction and Construction		
Water	<ul style="list-style-type: none">· Pollution of ground and surface water by oil spills in construction sites· Sedimentation and turbidity of nearest body of water	<ul style="list-style-type: none">· Avoidance and proper disposal of used oils from construction equipment and heavy machineries· Practice strict implementation of proper solid and hazardous waste management· Install silt and erosion control facilities in every construction area prior to the commencement of any construction activities

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Pre-Construction and Construction		
Air	<ul style="list-style-type: none">· Dust and noise pollution from construction of road facilities· Increase in noise and vibration levels	<ul style="list-style-type: none">· Regular wetting of dusty, exposed areas, and maintain speed of delivery trucks and vehicles to a minimum.· Set the speed limit of delivery trucks to minimum;· Limit high noise generating works during daytime (8AM-5PM);· Provision of PPEs (ear muffers) to workers; and· Erect noise barriers (temporary walls).

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Pre-Construction and Construction		
People	<ul style="list-style-type: none">· Improvement in infrastructures and social services· Increase in local employment	<ul style="list-style-type: none">· Diligent payment of taxes/revenues· Priority hiring for qualified local residents without discrimination to women.

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Operation		
Land	<ul style="list-style-type: none">Domestic Waste Generation	<ul style="list-style-type: none">Coordinate with the local government in collection of solid wastes
		<ul style="list-style-type: none">Establish trash bins around the premises
Water	<ul style="list-style-type: none">Water pollution caused by treatment (desalination plant) by-products	<ul style="list-style-type: none">Installation of grease trapsObserve road safetyProvide strict caution on trucks and vehicles carrying hazardous materialsQuarterly water quality monitoring of the affected water bodies

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Operation		
Air	<ul style="list-style-type: none">Air Pollution/Contribution to greenhouse gas emissions	<ul style="list-style-type: none">Use of renewable energy such as solar, wind, and hydroelectric power for electricityImplement energy-efficient technologies and practices by using energy-efficient appliances and processes, and promoting fuel-efficient vehiclesEstablish buffer zone between facilities

SUMMARY OF KEY ENVIRONMENTAL ASPECTS AND IMPACTS



Environmental Aspects	Significant Impacts	Control Measures
Operation		
People	<ul style="list-style-type: none">· Uncontrollable influx of tourists and visitors· Increased revenue for the LGU and host barangay	<ul style="list-style-type: none">· Develop a comprehensive destination management plan that includes strategies for visitor management

Abandonment Phase

There are no intentions to abandon the facilities

[illegible]

IEC AND PERCEPTION SURVEY



The IEC session took place on January 27, 2023, at 9:30 in the morning at the Barangay Hall of Bintuan. The session was attended by Barangay Councilor Martin Abaca



*Courtesy Visit and Submission of IEC Materials to Brgy. Bintuan
Barangay Representative*

IEC AND PERCEPTION SURVEY



Perception Survey at Brgy. Bintuan Proper with Barangay Volunteers and local residents



IEC AND PERCEPTION SURVEY



Perception Survey at Sitio Lelebken, Brgy. Bintuan



IEC AND PERCEPTION SURVEY



Perception Survey at Sitio Lelebken, Brgy. Bintuan

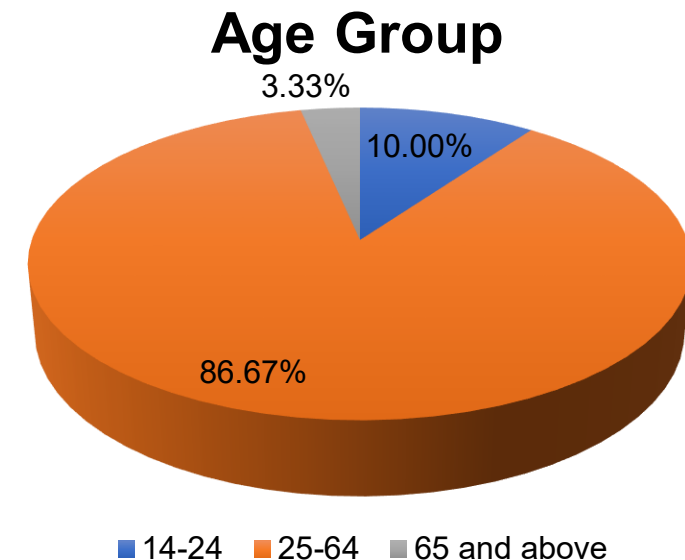
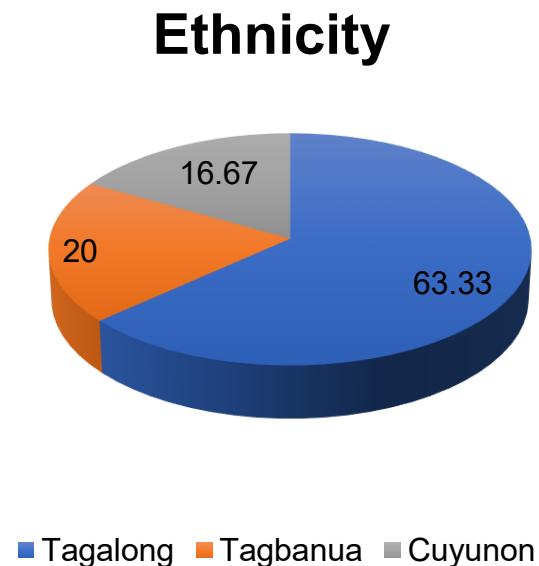
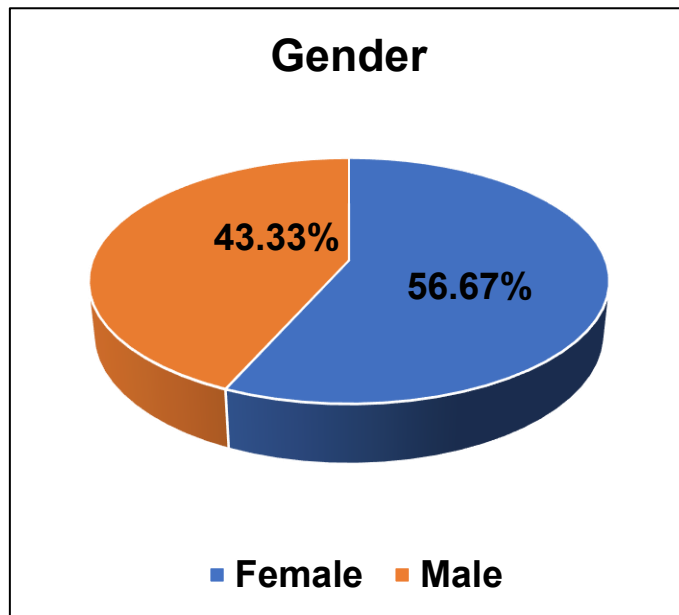


IEC AND PERCEPTION SURVEY



IPS were conducted after the conduct of IEC in Barangay Bintuan. Survey questionnaires were distributed to the participants that is written in both English and in Filipino. Following Roscoe's Rule of Thumb for determining sample size, a minimum of thirty (30) samples was established. Results are presented below:

Demography

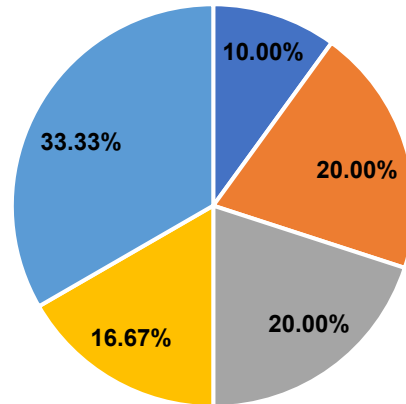


IEC AND PERCEPTION SURVEY



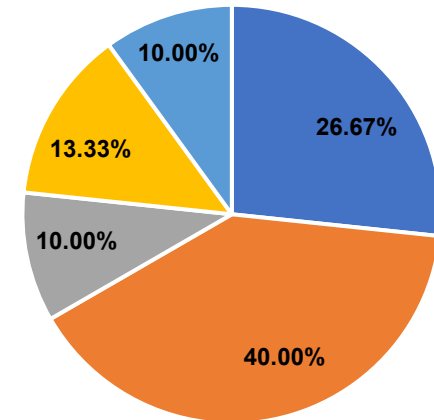
Educational Attainment

- Elementary Graduate
- High School Level
- High School Graduate
- College Level
- College Graduate



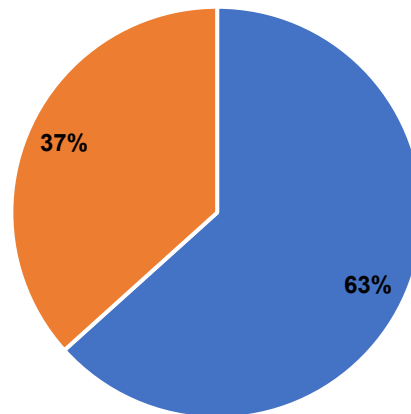
Civil Status

- Single (Walang-asawa)
- Married (May-asawa)
- Widowed (Biyodo/Biyuda)
- Separated (Hiwalay sa asawa)
- Common Law (Live-in)



Status of Residency

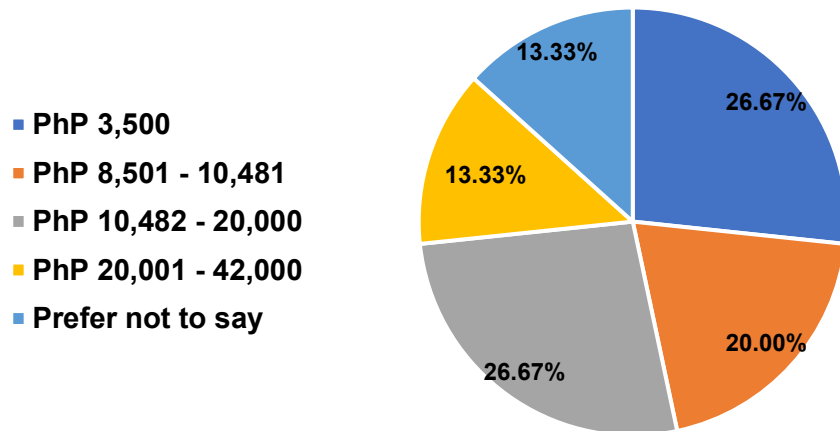
- Live more than 15 years
- Live less than 15 years



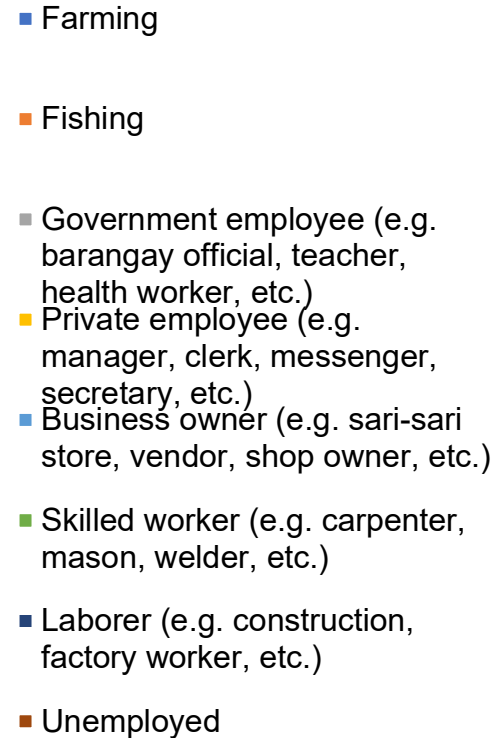
IEC AND PERCEPTION SURVEY



Monthly Income range



Source of Income

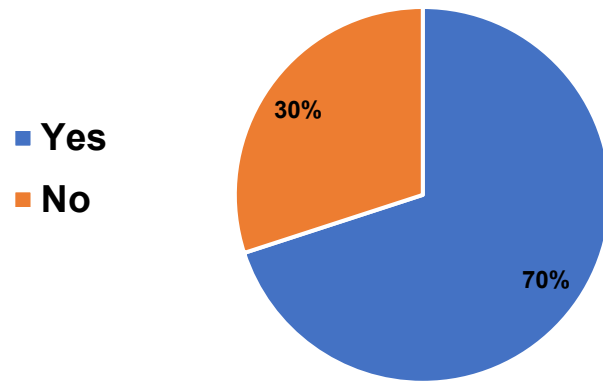


IEC AND PERCEPTION SURVEY



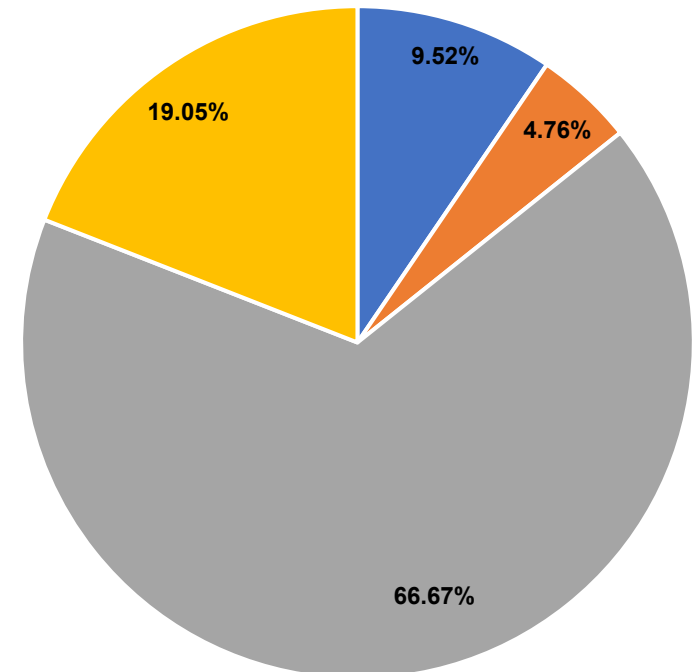
Awareness of the Project

Project Awareness



Source of Information regarding the project

- Field Survey
- Meetings
- Government/Barangay Officials
- Galing Kaibigan/Kamag-anak/Kapitbahay

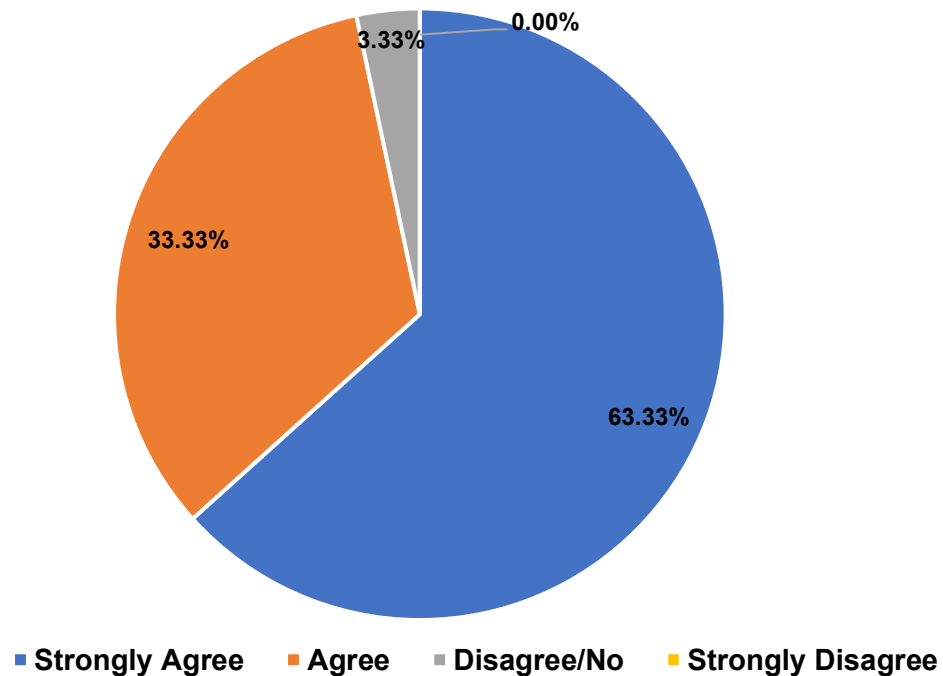


IEC AND PERCEPTION SURVEY

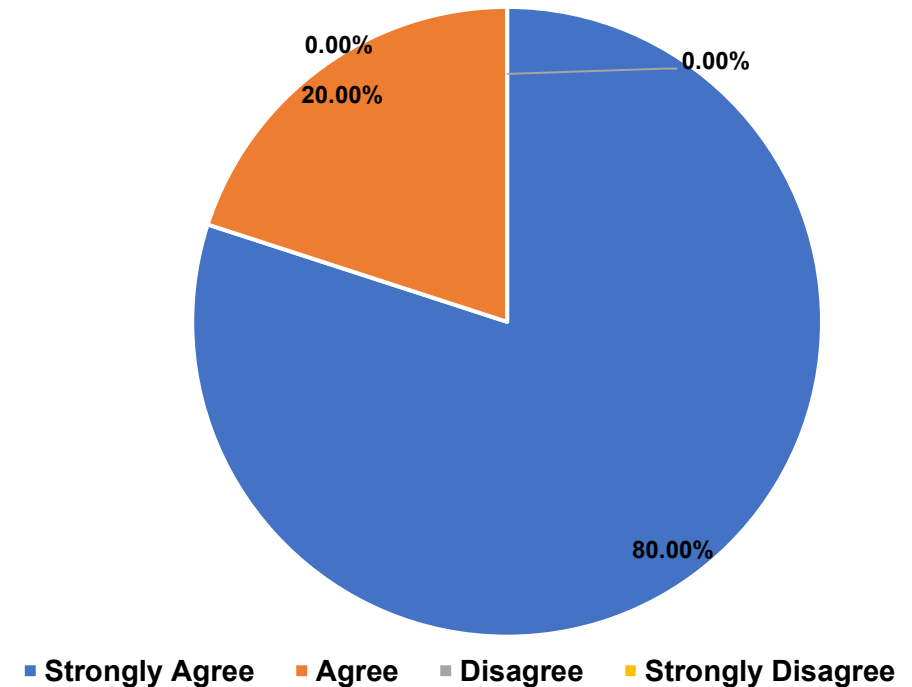


Perception towards the Project

Proposed Installation of Desalination Plant and Storage, laundry Specialty Restaurant and Siltation Pond



Number of respondents that believe the project will create job opportunities

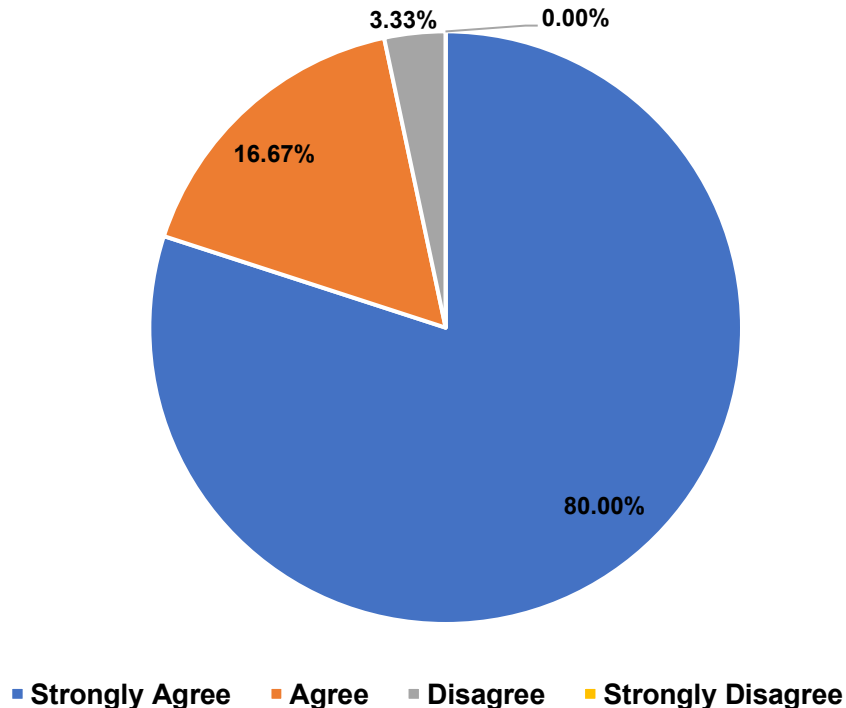


IEC AND PERCEPTION SURVEY

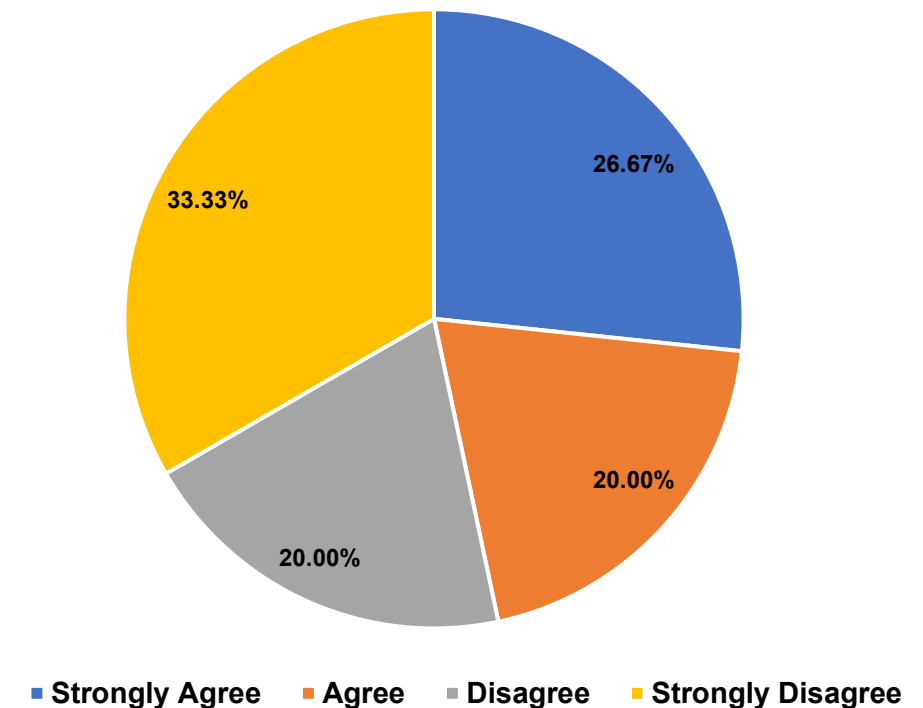


Perception towards the Project

The proposed project will gear our municipality/city towards economic and tourism development



Number of respondents believes that the project has no direct impact on our community

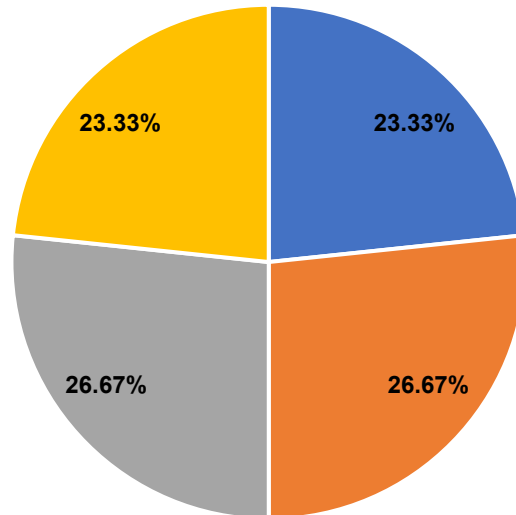


IEC AND PERCEPTION SURVEY



Perception towards the Project

Number of respondents believe that the proposed project will cause environmental disruption to the community



■ Strongly Agree ■ Agree ■ Disagree ■ Strongly Disagree

Most respondents agree that the proposed project will greatly affect the environment and may cause water pollution, habitat alteration and deforestation. Additionally, improper waste disposal may cause damage to the ocean and the pearl farm near the project.

Majority of the respondent are looking forward for the opening of job opportunities and prioritization of hiring locals in the community, educational assistance, scholarship for the youth, donating of classrooms, supply of water and electricity, and beautification of roads

Bacolod-Victorias City Coastal Road Project



Thank you for your attention