



COREMAP-CTI ADB

GILI MATRA





Marine Protected Area (MPA) Gili Matra

Gili Matra stands for Gili Meno, Ayer/Air and Trawangan. Gili Matra was designated as a national marine conservation area in 2001 under the name Gili Anyer, Meno, and Trawangan Marine Natural Tourism Parks, based on the Decree of the Minister of Forestry No. 99/Kpts-II/2001 dated March 15, 2001, with an area of 2,954 hectares. After issuing the Minutes of Handover of Marine Conservation Areas Number: BA.01/Menhut-IV/2009-BA.108/MEN.KP/III/2009 on March 4, 2009, the policyholders in Gili Sea Nature Tourism Park Ayer, Meno, and Trawangan are the Ministry of Marine Affairs and Fisheries. Based on the decision of the Minister of Marine Affairs and Fisheries Number KEP.67/MEN/2009. On September 3, 2009, the nomenclature was changed

from Marine Nature Tourism Park (TWAL) to Marine Tourism Park (TWP) on Gili Ayer, Gili Meno, and Gili Trawangan Islands, with an area of 2,954 hectares.

Geographically TWP Gili Matra is located at 8°20' – 8°23' South Latitude and 116°00' – 116°08' East Longitude. Meanwhile, administratively, this area is located in Gili Indah Village, Pemenang District, North Lombok Regency, West Nusa Tenggara Province.

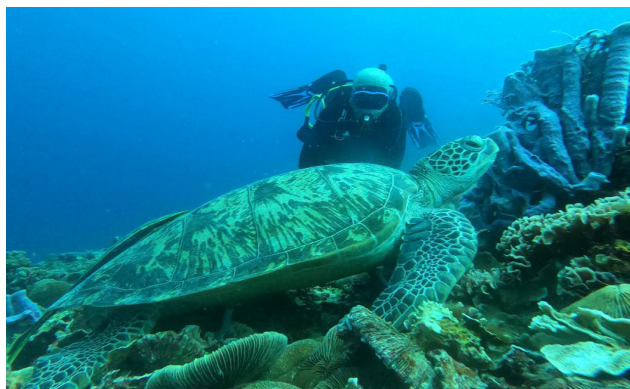
In this time the popularity of the Islands has skyrocketed and a whole diving industry has emerged. One of the famous diving points in this area is the sea turtle point and shark point. Not only diving, visitors can also see sea turtles just by snorkeling around the waters on Gili Matra.

Coastal and Marine Potential of Gili Matra

Tourism

In 2020, there are 1,084 tourism service providers in North Lombok Regency. A total of 718 of them are hotels, the majority of which are in Gili Indah / Gili Tramena.

The charm of Gili Tramena (Gili Indah) in attracting tourists is not only supported by short-term accommodation or various types of lodging, but also the presence of many travel agents in guiding tourists to enjoy the charm of Gili Tramena. There are 28 travel agents in North Lombok Regency and 9 dive tours located on the three islands.



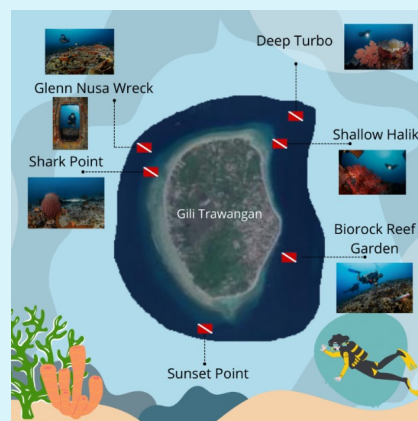
One of the resources in Gili Matra is the presence of coral reef ecosystems and the biodiversity of aquatic fauna, such as fish, is the presence of protected charismatic fauna, namely sharks and turtles. Estimating the turtle population based on COREMAP CTI Project database during the 3 years survey, obtained around 140 green (*Chelonia mydas*) and 60 hawksbill (*Eretmochelys imbricate*) and several Olive ridley (*Lepidochelys olivacea*) turtles. These turtle species are classified as species in decreasing status (IUCN, 2004).

Sea Turtle and Shark Diving



Sharks are a type of fish with very low fecundity, so the consequence is that the population of this fish in nature is also very low. Sharks are often associated as top predators in the food chain. ICCTF through the ADB COREMAP CTI project has conducted research to identify the potential for shark diving tourism, from the results of this research it is known that several recommended locations for diving with sharks are Sunset Point, Shark point and Halik. Several divers, fishermen and Pokmaswas added that the depth of the location where sharks can be found is 10-25 meters.

Diving spots identified by the ADB CTI COREMAP project on Gili Matra



D. Marine life found



Sea Turtle



Manta



Shark



Dugong



Dolpin and Whale

Main Purpose of the Establishment of the Gili Matra MPA



Protection of marine and coastal biodiversity



Sustainable marine tourism



Sustainable fisheries



Capacity Building for Community

Overview of COREMAP CTI Activity in Gili Matra

a. Teluk Nara, Pemenang Village

Information Center Infrastructure Development

ADB's COREMAP CTI program in Teluk Nara consists of the construction of a tourism information center located in the Teluk Nara terminal complex, information center equipment, digital information boards and other required equipment this construction is carried out on land belonging to the North Lombok regency regional Transportation



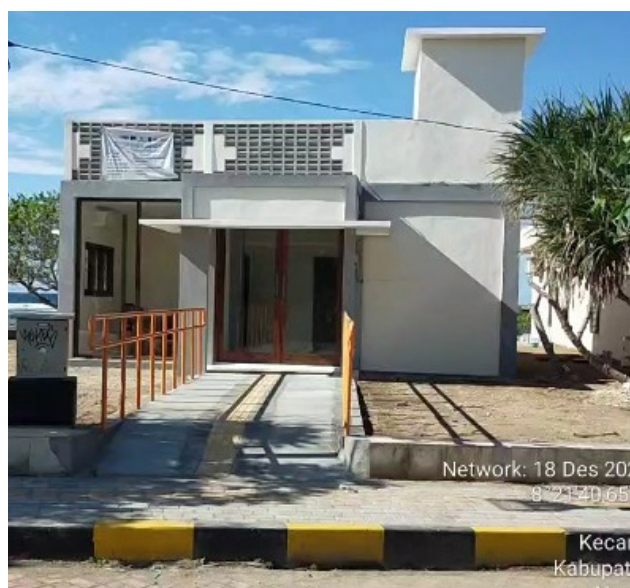
Service, and will be managed by the North Lombok regency Tourism Office along with community groups such as POKDARWIS (ecotourism group), POKLASHAR (processing and marketing group), POKMASWAS (surveillance group) and customary groups in the region.

B. Gili Matra (Gili Trawangan, Gili Meno and Gili Air)

1

Surveillance Post Infrastructure Development

The construction of this Surveillance Post was carried out by DCM through Grand Package 5, this development is an effort of the ADB COREMAP CTI Project to assist the local government and BKKPN Kupang in increasing the effectiveness of the management of the Gili Matra MPA, in the process of protecting the area from activities that can decrease marine ecosystems through the POKMASWAS group. This surveillance post is also expected to become a center for information and reporting for the community at the Gili Matra MPA.





2

Training & Coral Reef Restoration

10,000
coral fragments
have been planted

The planting of coral seeds using 1,000 reef star and 1,500 fish dome, and this will cover 5% of the degraded coral reef area in MPA Gili Matra.



3

Dive Training

This activity is carried out in DPM Dive Center on Gili Trawangan, Lombok. This activity involved 15 participants to get an international diving certificate (Scuba School International (SSI)), involving representatives from ecotourism groups (POKDARWIS), surveillance groups, and also representatives of marine protected area managers at MPA Gili Matra, the involvement of women in this training were of great concern, 9 out of 15 participants were women. This activity aims to be able to support human resources so that people can become marine tour guides who are principled towards ecotourism and increasing their economic as well as sustainable ecosystem.



4

Training on tourism promotion and publication

In order to promote local tourism around the area, training on how to create a good content about tourism and how to promote was carried out to improve the public interest and market engagement on its practice.



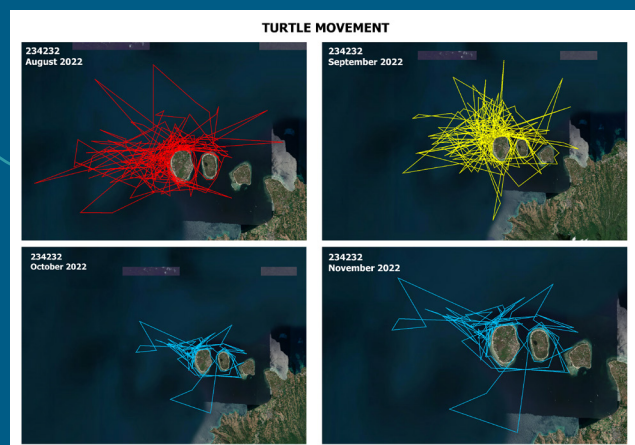
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Sea Turtle Satellite Taging Research

This activity was carried out to estimate the distribution and abundance of sea turtles (male – female ratio, female age at maturity) on a spatial and temporal scale. In the COREMAP CTI ADB project, 10 turtles were tagged in the waters of Gili Matra on August 2022, 5 of them are the green turtle (*Chelonia mydas*) and other 5 are hawksbill turtle (*Lepidocelis olivaceae*). Data collection on sea turtles that have been tagged with satellites is planned to last for the next 5 months to obtain optimal and more comprehensive information

The process of installing a telemetry satellite tagging tool carried out by the COREMAP CTI program uses high standards of animal welfare and caution and is accompanied by an experienced veterinarian with the best turtle track record. This research aims to study the factors that affect turtle movements by monitoring sea turtle activity via satellite and their distribution in the waters of Gili Matra.

This information is expected to provide technical recommendations for the management of conservation areas in order to have a better insight into animal welfare and the sustainability of supporting ecosystems for turtle life on Gili Matra

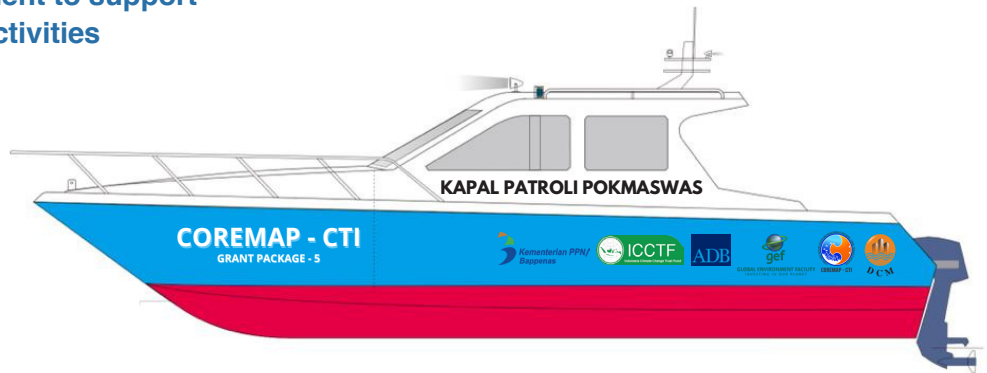


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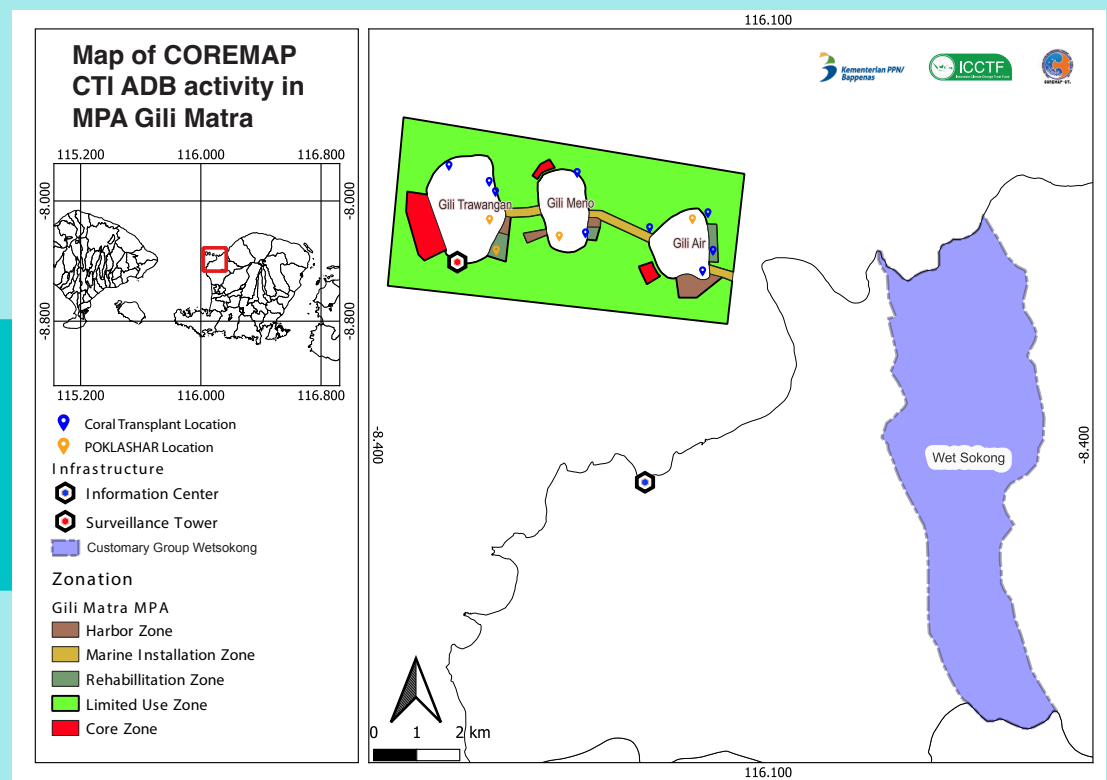
Provision of equipment to support community group activities

The ADB COREMAP CTI project provided support for fish production and processing equipment for 3 POKLASHAR groups (women's groups) named Putri Bahari, Lanter Gili, and Karya Bunda Meno (involving 41 women). Provision of 1 unit of POKMASWAS (surveillance group) patrol boats along with equipment to support MPA monitoring activities, 3 units of surveillance assistance boats for 3 groups of fishermen, and provision of 3 sets of environmentally friendly fishing gear and provision of supporting infrastructure for

sustainable tourism activities in the form of diving equipment to the POKDARWIS (ecotourism group) named Tramena at MPA Gili Matra. All of this support aims to increase the economic value of community groups around conservation areas and increase awareness of the importance of maintaining the sustainability of marine ecosystems in people's lives.



Maps of Project Based Activities COREMAP CTI in Gili Matra



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