

ANALYSIS OF MV NGGAPULU PASSENGER VESSEL AT PT PELNI TO SUPPORT TOURISM IN BANDA NEIRA

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Abstract: Banda Neira is a tourist attraction visited by local and foreign tourists. The passenger vessel used for the Surabaya to Banda Neira route is the MV NGGAPULU vessel from PT PELNI to support tourism in Banda Neira which is related to the role of the Government and the promotion of the tourism industry sector and becomes a source of national income. Access to tourism potential in Banda Neira is improved by focusing on supporting systems and infrastructure that impact unity desire. This research aims to be the subject of studies by the Central and Regional Governments and collaborating with tourism authorities and the attractiveness of tourism businesses in these fields. With Qualitative Descriptive Analysis methods and data collection techniques through interviews, documentation, and field observations, including PT PELNI, the Central Statistics Agency, Third Officer MV NGGAPULU, and the community around Banda Neira. Research conducted shows that MV NGGAPULU has an impact that affects the community. The central and regional governments must carefully plan to regulate vessel routes and be firm in enforcing the rules of tourism industry activities in Banda Neira. Tourist visits can be increased based on service performance and improving transportation systems and infrastructure.

Keywords: *Sea Transportation, Passenger Vessel, Safety, Tourism, Surabaya, Banda Neira, Banda Islands*

1. Introduction

Tourism is one of the sectors that is being seriously worked on by the Indonesian state to encourage the national economy. Indonesia has great tourism potential because Indonesia is a vast archipelagic country whose territory stretches from Sumatra to Papua. Tourism is everything related to tourism, including the business of tourist objects, firms, and attractions related to the field.

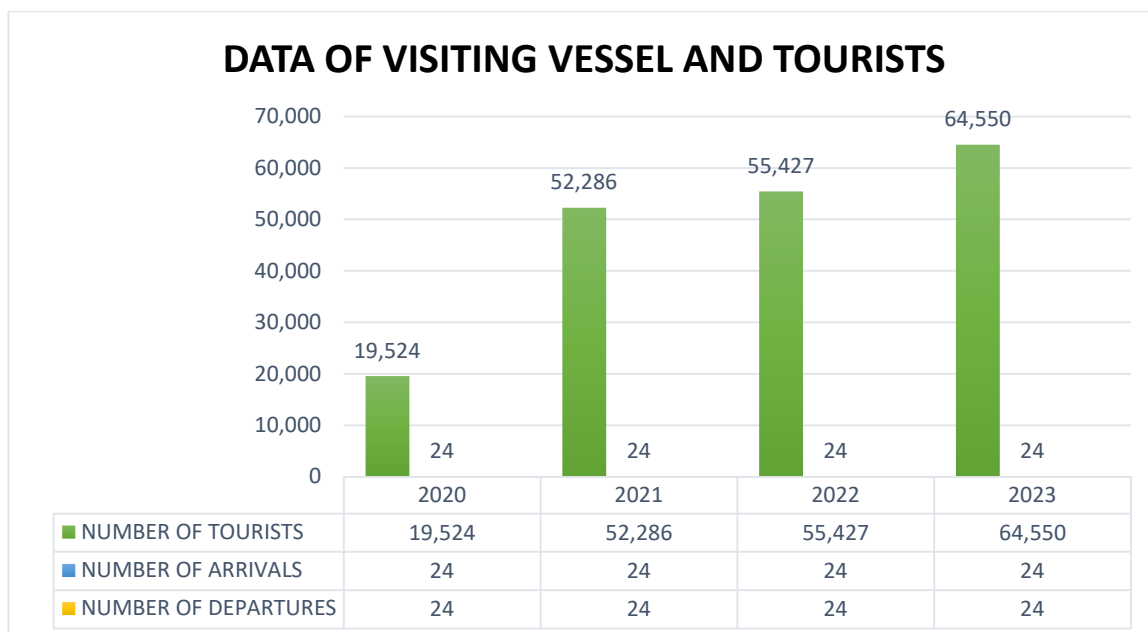
Banda Neira is one of the attractions many local and foreign tourists visit today. Banda Neira is an island located in Banda Islands District, Central Maluku Regency, Maluku Province, Indonesia. This island is one of the favorite tourist attractions today, especially among young people. Banda Neira was part of a vital spice trade route in the colonial period. Today, Banda Neira has great tourism potential due to its natural beauty, historical heritage, and unique culture. The Banda sub-district, consisting of 11 small islands, can be classified as an archipelago district. The total area of Banda District is 2,568 KM, consisting of a land area of 180.59 KM² (7.5%) and a sea area of 2,387.51 KM² (82.5%). The definition of the area of the sea is meant to be limited to the sea waters around the Banda islands. At the same time, the total area of the Banda Sea within the scope of the Maluku province is ± 470,000 KM.

A Sea vessel is a means of transportation that operates in a ship with the engine as its driving force. Sea transportation is one of the modes used to transport passengers and goods. In addition, it plays a vital role in supporting tourism in Banda Neira because of its

geographical location surrounded by the ocean and archipelago areas, with PT PELNI's efforts in responding to sea transportation to bridge tourists to Banda Neira to find out efforts in promoting tourism to Banda Neira so that the use of passenger vessel is in great demand by tourists to travel to Banda Neira. The passenger vessel used for the Surabaya-Banda Neira route is MV NGGAPULU from PT PELNI, which is used to operate to transport passengers and become the main alternative to sea travel and how the safety and security of sea transportation modes to know the role of safety and security of MV NGGAPULU vessel sea transportation modes at PT PELNI.

Analysis of the passenger vessel MV NGGAPULU, PT PELNI can assist in evaluating the needs of port infrastructure and shipping lanes needed to facilitate the flow of tourists to Banda Neira. This includes assessing capacity, port feasibility and planning efficient shipping routes. In this case, it is essential to consider the environmental sustainability, safety, and efficiency of sea transportation that can cooperate with tourism authorities and the attractiveness of tourism businesses in the field. With qualitative descriptive analysis methods and data collection techniques through interviews, documentation, and field observations, including PT PELNI, the Central Statistics Agency (BPS), Third Officer III MV NGGAPULU, and the community around Banda Neira. This research is based on the problem that shows that MV NGGAPULU has vessel routes only 48 times a year, where the demand for tourists is high and has an impact that affects the level of desire of people from outside the region. Therefore, there is a need for the Government's role in the development of sea transportation to support tourism in Banda Neira. Banda Neira must carefully plan to regulate and add vessel routes and be firm in enforcing the rules of tourism industry activities in Banda Neira. That is, tourist visits can be increased based on service performance improvement of transportation systems and infrastructure.

Tabel 1. Vessel and Tourist Visit to Banda Neira.



Source: PPID (Information & Documentation Management Officer) PT PELNI, Central Statistics Agency (BPS), Tourism Office of Central Maluku Regency and Terasmaluku.com

Therefore, based on the chart above, the analysis of MV NGGAPULU passenger vessels from PT PELNI is critical in addressing problems related to minor vessel routes with high demand and suboptimal port facility infrastructure in supporting tourism in Banda Neira. Other factors can cause the increase in passengers, namely the tourist season and year-end holidays. By understanding the needs and challenges associated with transportation that can be designed with efficient and sustainable solutions to facilitate the flow of tourists, meet logistical requirements, and preserve the environment and culture on the island.

2. Literature Review

The SWOT analysis of sea transportation that must be prioritized to support tourism development in Karimunjawa is taken from the SO (Strength – Opportunity) strategy or eastern growth strategy, especially the development of sea transportation and its infrastructure, the operation of Legon Bajak Port, and implementing strategic programs as a form of community service. This strategic policy supports strong growth by leveraging assets and opportunities to ensure the continuity and development of shipping. (Anggrahini et al., 2022)

The policy of PT PELNI Tanjung Mas Port Semarang in implementing K3 is good, especially since there is a K3 department for staff and crew. Employees work with adequate education and training. K3 equipment and installation are provided but need to be equipped. Ongoing maintenance of vessels in operation, routine or repetitive, with established internal and external procedures. Manage emergencies using various techniques as well. It is necessary to improve the policies so that passengers understand K3 when sailing. (Anjas Asmoro Wake up et al., 2019)

These isolated and remote islands in Riau Islands province have natural beauty and fisheries potential, so the Government needs to focus on developing this potential. This must be supported by adequate infrastructure and sea transportation facilities to encourage the island's economic development. Kepri, one of the provinces with the authority to utilize and manage the 12-mile area, can maximize this potential by supporting the growth of sea transportation activities to increase regional income or PAD, estimated to reach 6 trillion. With this authority, Yogyang, a province with many outer islands, can support the shipping sector to make Kepri City a port city. (Kusnita et al., 2021)

The shipping industry, even shipping itself, has many interrelated aspects. These relevant aspects include Improved governance and sea administration, maritime safety, security, and protection. Several restaurants, cafes, and hotels on the beach with views and sports facilities can increase the income of local people and increase the number of foreign tourists coming to Indonesia. Sea transportation is necessary to help tourists explore Indonesian waters more easily. In addition to the island of Bali, many other places can be used, such as Karimunjawa, Parangtritis, and other marine areas in Indonesia. (Pujiastuti & Samekto, 2019)

Getting on and off MV NGGAPULU passengers could have occurred more smoothly and orderly. Violations of the law still happen at the passenger terminal and during the pick-up and drop-off process due to the large number of passengers. (Sari, 2022)

3. Research Methods

In this study, the method used is a qualitative descriptive method. According to Sugiyono (2016: 9), the qualitative descriptive method is a research method based on the philosophy of postpositivism used to examine natural object conditions (as opposed to experiments), where researchers are vital instruments of data collection techniques through

interviews, documentation, and field observation. Data analysis is inductive/qualitative, and qualitative research results emphasize meaning rather than generalization. In this study, the data used were primary data obtained through direct interviews with respondents of the Operational Staff of the passenger vessel PT PELNI in Central Jakarta and Third Officer III MV NGGAPULU on board a ship covering the Surabaya-Banda Neira route. The secondary data used is obtained from the Central Statistics Agency (BPS) with documentation data or data already available in the form of figures or reports provided by related agencies that are closely related to the proposed research title. The type of data used in this study Field Research through data collection is directly carried out at the location of the object of research. Library Research collects data from reading materials related to the research to obtain a theoretical basis to discuss the problem under study. Data collection techniques by observation are carried out by conducting direct observations at the research location and candid interviews with the Banda Neira community and PT PELNI employees.

4. Results and Discussion

PT Pelayaran Nasional Indonesia, better known as PT PELNI, is a shipping company owned by the Indonesian Government. Established in 1952, PT PELNI is a State-Owned Enterprise (BUMN), meaning PT PELNI is owned and operated by the Indonesian Government. PT PELNI operates a fleet of vessels serving passengers and cargo. PT PELNI services are moving to provide transportation to various islands in Indonesia, providing passenger and cargo transportation services, especially for tourist travel in Banda Neira. PT PELNI plays a role in connecting the vast Indonesian archipelago consisting of thousands of islands. PT PELNI has a leading role in bringing about significant economic impact changes by facilitating trade and transportation of goods and people, contributing to the country's economy.

Banda Neira is a small island in the Banda Islands, Indonesia, famous for its history in the spice trade, especially cloves and nutmeg. It is one of the tourist attractions many local and foreign tourists visit today. Banda Neira is an island located in Banda Islands District, Central Maluku Regency, Maluku Province, Indonesia. The Banda sub-district, consisting of 11 small islands, can be classified as an archipelago district. The total area of Banda District is 2,568 KM, consisting of a land area of 180.59 KM² (7.5%) and a sea area of 2,387.51 KM² (82.5%). Banda Islands are famous for clove and nutmeg plants visiting gardens, and the island is one of the favorite tourist attractions today, especially Fort Belgica is one of the historical relics from the Dutch colonial period in Banda Neira by exploring this building, which offers beautiful views around the island. Cilacap Hospital is one of the oldest buildings in Banda Neira and is a historical place because it became a place of care for Dutch soldiers who were injured during the seizure of these islands. The building has become a museum that exhibits historical artifacts.

Based on the results of an interview on August 19, 2023, together with Mr. Derry Yunia Rahman as Third Officer III of the passenger vessel MV NGGAPULU, PT PELNI, and the results of an interview on October 20, 2023, together with Mrs. Eugenia Ellisa Arti Tiara Naffi as the Operations Staff of the passenger vessel PT PELNI, the researcher obtained the following results:

PT PELNI's Efforts in Responding to Sea Transportation to Bridge Tourists to Banda Neira

PT PELNI is essential in supporting sea transportation for tourists to Banda Neira, one of the islands in the Banda archipelago, Maluku, Indonesia. Sea transportation is one of

the supporting means to reach this island. It contributes in various ways by operating multiple kinds of vessels, namely MV NGGAPULU, MV PANGRANGO, and MV SABUK NUSANTARA 106, which connects various ports in the eastern region, including destinations Banda Neira as well as adjusting schedules and routes to accommodate increased demand during the tourist season or exceptional mobility in Banda Neira to ensure good connectivity and help people's mobility to Banda Neira and has taken various concrete steps to support the community and tourism industry in Banda Neira, such as the addition of vessels, added vessel routes, improving the effectiveness of cruise schedules, vessel repairs, and improving facilities at the port of Banda Neira to meet all the needs of part of the MV NGGAPULU vessel trip.

Table 2. Vessel Departure Schedule for Surabaya-Banda Neira Route

January-June 2023 period

Vessel	Embarkation	Debarkation	Month	Departure Date	Number of Passengers
MV NGGAPULU	Surabaya	Banda	January	01/05/2023	15
				01/21/2023	18
			February	02/04/2023	13
			March	0	0
			April	04/01/2023	5
				04/12/2023	28
				04/26/2023	14
			May	05/10/2023	46
				05/24/2023	18
			June	06/07/2023	29
				06/21/2023	23

Source: PPID (Information & Documentation Management Officer) PT PELNI

Before the COVID-19 pandemic, the number of MV NGGAPULU passengers was quite significant because it became one of the sea transportation modes to travel eastward from the western region, especially Jakarta and Surabaya, to the eastern part. During the COVID-19 pandemic, there was a significant decrease in the number of passengers due to passenger restrictions and strict requirements from the Government, making passengers and companies unable to carry out their usual activities. In 2021, the number of passengers traveling increased again, and Banda Neira is better known for its social media influence, attracting domestic tourists. Mr. Derry Yunia Rahman, Third Officer III of the passenger vessel MV NGGAPULU, said, "If you want to add or change the route, you must do the permit process through the Ministry of Transportation first. You cannot immediately make your own decision. In the future, if the number of passengers increases for tourists to Banda Neira and MV NGGAPULU is no longer able to accommodate the increasing number of passengers, there will be the possibility of adding a fleet of vessels sailing from Surabaya to Banda Neira with the same route, because currently only MV NGGAPULU operates from Surabaya to Banda Neira refers to the departure and arrival of vessels, if it is late due to weather constraints or operational activities that are sometimes unpredictable so that a schedule can be set a month before departure, in a week the cruise from Surabaya to Banda

Neira is carried out once and the reverse route, in a month each voyage twice. If the number of voyages carried out by MV NGGAPULU is calculated, there are 48 voyages in a year".

Table 3. List of Tourist Visits to Banda Neira

No	Year	Number of Visits
1	2020	19,524 people
2	2021	52,286 people
3	2022	55,427 people
4	2023 (June)	64,550 people

Source: Tourism Office of Central Maluku Regency and Terasmaluku.com

Based on the table above, the number of tourist visits that continue to increase yearly encourages the Central and Regional Governments to improve services and facilities that previously became better. According to records from the Central Maluku Transportation Office, there were as many as 680 tourist vessels in 2021. It is estimated that this number will increase along with the number of tourists who continue to grow.

PT PELNI has made efforts in responding to sea transportation to bridge tourists to Banda Neira, including the following:

a. Determining the route of the vessel

The route provided by PT PELNI, namely by using MV NGGAPULU from Tanjung Perak Port (Surabaya), Makassar Port, Murhum Port (Bau-Bau), Nusantara Yos Sudarso Port (Ambon), and the final destination Banda Neira Port. This will allow tourists to reach the island more efficiently and comfortably through vessel services provided by PT PELNI.

b. Service Frequency

The frequency of services provided by PT PELNI still differs from the demand for the number of tourists who want to visit Banda Neira by using Sea Transportation because the availability of fleets owned by PT PELNI for routes from Eastern Indonesia to Banda still needs to be improved. Therefore, PT PELNI must continue to develop adequate service frequency so that tourists have the choice to plan their trips to Banda Neira.

c. Passenger Capacity

PT PELNI can adjust the vessel's capacity and passenger comfort to suit the needs of local and foreign tourists. In general, MV NGGAPULU has a total of 2,206 passengers. However, the Government provides capacity dispensation for up to 3,100 passengers during holidays and national holidays.

d. Facility Upgrade

Improving facilities on vessels owned by PT PELNI is continuously done to improve the quality of service and passenger comfort. Several steps are generally taken to improve facilities on board MV NGGAPULU, and PT PELNI periodically invests funds to achieve this goal. However, the level of facilities available may differ from vessel to vessel. Includes periodic renovation and maintenance of the vessel, including engine repairs, structural repairs, and maintenance of facilities inside the vessel. Some vessels have undergone an expansion of passenger capacity to meet growing demand. MV NGGAPULU has provided high-class rooms with private bathrooms, air conditioners, and televisions. Restaurants, cafes, Wi-Fi, and other entertainment are on board for passengers' convenience. Medical facilities on board with tools that support the welfare of passengers during the trip, as well as money exchange facilities to facilitate foreign tourists in transacting. The security and safety of the MV NGGAPULU vessel also continue to be improved for passengers and crew, including crew training in handling emergencies. Accessibility efforts are made to facilitate passengers with special needs, including facilities that comply with accessibility standards.

e. Cooperation with Tourism Authorities

PT PELNI can cooperate with local tourism authorities to promote Banda Neira as an attractive tourist destination and improve coordination in managing tourist visits. Participating in marketing or providing tourist information to its passengers can help increase tourists about tourist attractions in Banda Neira, as well as work with local tourism stakeholders to improve port infrastructure and accessibility and coordinate mobility efforts for the community to strive for tourism promotion to Banda Neira.

The Role of Safety and Security of Marine Transportation Modes

The IMO (International Maritime Organization) states that safety and security are two main aspects that are very important in the operation of sea transportation modes. PT PELNI has ensured that passengers, crew, and their cargo are protected during the trip with maritime safety standards set by relevant agencies, such as the Ministry of Transportation Directorate General of Sea Transportation, to ensure that MV NGGAPULU vessels meet technical and security requirements that include activities in the marine transportation environment itself. MV NGGAPULU Vessel safety standards are guaranteed good because docking or vessel repair routines are carried out yearly, and all safety equipment is maintained daily, weekly, monthly, and annually. MV NGGAPULU vessels are much better for safety equipment than other private vessels. MV NGGAPULU vessel security standards have been implemented and refer to the ISPS Code. In addition, PELNI has cooperated with Navy officials at each port when the MV NGGAPULU vessel docked. During the high season, PELNI proposed the addition of security personnel from marines on board. In this case, IMO (International Maritime Organization) regulates the safety and security of sea transportation into several sectors, including:

a. International Ship and Port Facility Security (ISPS) Code

The IMO has established the International Ship and Port Facilities Security Code to regulate measures to enhance security in maritime transport, including protection against terrorism threat response. (International Ship and Port Facility Security (ISPS) Code, n.d.)

b. SOLAS (Safety of Life at Sea) Convention

Established by the IMO, the Convention on Life Safety at Sea regulates vessel safety standards, equipment, and operational procedures for international vessels. (Safety of Life at Sea (SOLAS) Convention, n.d.)

PT PELNI also ensures that MV NGGAPULU complies with maritime safety standards that can play a role in tourism promotion to Banda Neira, which has provided safety equipment such as buoys, lifeboats, fire extinguishers, as well as crew training in evacuation and first aid measures. In the event of threats other than physical safety, such as terrorism or other crimes involving additional security postures and security checks at ports or vessel monitoring. Such measures are to prevent terrorism and other illegal acts. There are several factors in the occurrence of an accident in the mode of sea transportation or others:

- a. Extreme weather
- b. Physical condition of the vessel
- c. Vessel navigation and communications
- d. Crew qualification

Based on the above factors, PT PELNI has also ensured the education and training of the crew that they receive adequate training as well as regular maintenance and inspection of the vessel to ensure that safety systems and equipment are functioning correctly as well as preparation for emergencies that already have clear procedures to overcome emergencies such as fire, engine failure. Regarding safety, including evacuation procedures, fire prevention, and other emergency measures, the crew must have an initial level of competence in shipping support expertise certificates, namely BST (Basic Safety Training).

BST (Basic Safety Training) is basic safety training to anticipate the dangers on board vessels and realize a professional workforce in the shipping field. The International Convention says the Standards of Training, Certification and Watchkeeping (STCW) states that every seafarer must undergo an "introductory program" and "basic safety training" covering basic knowledge of fire management, basic first aid, life defense techniques, and personal safety. The training aims to ensure that crews understand the dangers of working at sea and respond appropriately in emergencies. In BST (Basic Safety Training) training, training will generally be given, including:

- a. Rescue techniques at sea

The importance of safety and rescue at sea, types of vessel emergencies and how to deal with them, as well as actions at the time of evacuation of victims, and the use of radio equipment.

- b. Use of fire extinguishers

Understand the theory of the fire triangle, indicate actions against fires, and identify the use of fire extinguisher equipment and the methods used in extinguishing fires.

c. Basic first aid in case of an accident

General principles of first aid in accidents, based on handling first aid in accident victims.

d. Safety and social responsibility

An understanding of emergency procedures, pollution, and environmental protection at sea, socialization of the safety and health of crew and passengers on board, communication used in times of emergency, and human relations on board.

By equipping the crew with essential safety and security capabilities in carrying out their activities in the sea transport mode, it is hoped that the staff will be on the front line in saving themselves and can keep passengers quickly, swiftly, and precisely to minimize casualties.

The Role of Government in the Development of Marine Transportation

The Government's role in the development of sea transportation for tourism in Banda Neira at PT PELNI in MV NGGAPULU has included regulatory support, safety supervision, and cooperation to improve port facilities the Government plays a role in supporting the development of sea transportation for tourism in Banda Neira by providing supportive regulations and adequate infrastructure and to meet all levels of sea transportation travel towards Banda Neira.

The role of the Government in the development of sea transportation to support tourism in Banda Neira includes:

a. The role of Government in infrastructure development

In this case, the Government plays a role in developing port infrastructure, docks, and other supporting facilities in Banda Neira. Good infrastructure will improve accessibility and security for tourists using sea transportation, as well as regulations and safety standards by the authorities.

b. The role of the Government in promoting tourism in Banda Neira

The Government plays an active role in promoting tourism in Banda Neira and the surrounding region. This includes marketing, participation in international tourism exhibitions, and efforts to raise local tourists' awareness of Banda Neira's resources. The Government can establish partnerships with shipping company PT PELNI to develop routes and schedules that better suit tourism needs. This can include special arrangements for tourist seasons or special occasions. Ease of licensing is needed for the development of sea transportation services and tourism infrastructure in Banda Neira. The Government plays a role in the growth of the tourism economic sector in Banda Neira by providing practical support to the local community. Thus, Banda Neira can become an attractive destination for local and foreign tourists with good accessibility through sea transportation.

c. The role of Government in human resource capacity development

In this case, the Government supports training and capacity building of human resources in the tourism and sea transportation industry to port officers, vessel crews, tour guides, and environmental protection of marine transportation. This includes areas towards environmentally friendly activities and policies to reduce negative environmental impacts.

d. The role of Government in the safety and security of tourism and sea transport

In this case, the Central Government and Local Governments can establish cooperation to ensure safety and security that protects tourists and tourism infrastructure from threats such as terrorism or other crimes.

5. Conclusion

This study aims to analyze PT PELNI's activities on the MV NGGAPULU ship to the community around Banda Neira. Based on the results and discussion, researchers concluded that MV NGGAPULU from PT PELNI is vital in supporting tourism to Banda Neira. The results of this study are based on interviews, observations, and documentation with parties related to the analysis of the problem, including residents around Banda Neira.

This research also aims to be the subject of studies by the Central and Regional Governments in regulating the arrangement of tourism areas and port and settlement activities of the Banda Neira community. The main problem in this study is that the vessel route, which is only 48 times a year, and the lack of government encouragement for tourism promotion in Banda Neira are the main reasons, but this cannot be underestimated, especially the MV NGGAPULU vessel from PT PELNI raises a high level of public desire for the addition of a fleet of vessels and MV NGGAPULU vessel routes with the same way. Based on complaints from the community around Banda Neira, there are several impacts caused by MV NGGAPULU activities at the port of Banda Neira, especially on the environment and tourism sector with efforts to improve service quality, add vessels and routes, improve MV NGGAPULU facilities and infrastructure, and increase service frequency to maintain the comfort of passengers (tourists) during trips using sea transportation.

PT PELNI has also met international and national maritime safety and security facilities and infrastructure standards such as buoys, lifeboats, fire extinguishers, crew training, and socialization of passengers in evacuation and first aid measures. The role of the Government in developing sea transportation and tourism in Banda Neira is infrastructure development, promoting Banda Neira tourism, human resource development, and supporting the safety and security of sea transportation and tourism. However, this impact is not only on people outside the region but all elements of society around the port of Banda Neira. Therefore, there is a need for control and support from the Central and Regional Governments.

6. Implication

Vessel Fleet: The addition of the vessel fleet is needed to increase passenger mobility, especially tourists who travel so that they can transport passengers more often to Banda Neira.

Tourism Promotion: Promoting tourism more actively on social media from PT PELNI, Central and Regional Governments, and business actors in the Banda Neira tourism sector with attractive packaging and education for local and foreign tourists so that they can know the destinations to be visited.

Education and Training: The Central Government, through the Ministry of Tourism and Creative Economy, and Local Governments, through the Tourism Office, can provide education and training to local people to be able to communicate with foreign and local tourists fluently, serve tourists with high-quality standards, give understanding to the public of tourist destinations to help tourists who visit.

Environmental Conservation: The Government can maintain and implement appeals for ecological sustainability to tourists and local communities and strict rules to protect natural and cultural resources in the islands.

Infrastructure: The Government can invest in developing tourism infrastructure such as ports, roads, lodging facilities, health facilities, communication facilities or internet network availability, security facilities to keep tourists safe, and tourism information centers to provide information to tourists about destinations and available activities.

7. Research Limitations

Researchers focus on researching MV NGGAPULU passenger vessel analysis aspects at PT PELNI and supporting tourism development in Banda Neira. The time of writing and obtaining short data with a short duration in research will not reflect changes seen in the point of view of a specific period. Researchers have several limitations that will be used as a reference and evaluation for researchers in the future to produce better and more factual research.

Some limitations experienced by researchers are the need to find references to previous research that are in line with the same title, so they only look for connections that refer to the study. The researchers only interviewed three resource persons, namely from PT PELNI, Third Officer III MV NGGAPULU, and the community around Banda Neira, because they needed more support in conducting interviews from the sources required for research.

Researchers need help finding secondary data from the same reference based on a limited sample so that the discussion of the results of this study is about more than one object, not in general. The vulnerable time of writing and acquisition of data and the short duration of research will not reflect changes seen in the point of view of a specific period. This research focuses on the application of the tourism industry by sea transportation.

Tables and Figures

Tables are presented in the following:

Table 4. List of Indicators

Measurement of variables.

Variable	Operational definition	Source
Passenger Vessels	Passengers use sea transportation, a vessel that can move people or goods from origin to destination.	Ratna Rahayu Pujiastuti, M. Ananda Samekto, 2019.
Supporting Tourism	Trips that are made repeatedly or circling from one place to another.	Ketut Suwena, 2017:15.

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