



ANALYSIS OF THE IMPACT GILI MAS PORT INFRASTRUCTURE DEVELOPMENT ON SOCIO-ECONOMIC COMMUNITIES OF LABUAN TERENG VILLAGE, LEMBAR DISTRICT, LOMBOK BARAT REGENCY

L. Ahsanul Adlani^{*1}, Wahyunadi², Baiq Saripta Wijimulawiani³

¹⁻³Program Studi Ekonomi Pembangunan, Universitas Mataram, Indonesia

Accepted: 06 June 2023. Approved: 26 June 2023. Published: 26 June 2023.

ABSTRACT

This study aims to determine the impact of the construction of Gili Mas Harbor infrastructure on the socio-economic community of Labuan Tereng Village, Sheet District, West Lombok Regency through indicators of employment, income and education opportunities. The type of research used is descriptive qualitative research. Determination of the sample using purposive sampling technique. The location of this research is in Labuan Tereng Village. Data collection procedures using observation, interviews, and documentation. Data analysis used Miles and Huberman's interactive data analysis model which was divided into data collection, data reduction, data presentation, and drawing conclusions. The results of the study show that the existence of Gili Mas Port has been able to provide employment opportunities although not as significant as expected. The existence of the Gili Mas Port also has a positive impact on the income of the community around the port, as well as a negative impact on the income of fishing communities. Apart from that, the existence of Gili Mas Port has brought changes for the better and increased motivation towards the level of education for the people in Labuan Tereng Village.

Research Paper

Journal of Social and Political Science Society

Keywords: Impact, Port, Socio-Economic.

INTRODUCTION

Development is a process that is expected to be able to provide better changes for an area, both in terms of social and economic (Nur & Emanuel, 2018). The existence of development cannot be separated from the impacts that can be caused, in this case these impacts can be either positive or negative in terms of health, social and economic (Purwanto et al., 2022). One example is the development of port infrastructure which is one of the steps taken by the government with the aim of reducing disparities between regions, which have been planned in order to achieve equitable economic growth (Darmawan et al., 2022). Because the existence of this infrastructure development can provide a significant

multiplier effect on the economy, especially for the surrounding community.

The port in all its activities can have an important and strategic role for economic growth. Having a port will have social and economic impacts on physical and non-physical conditions for an area. To be able to see socio-economic changes in the community here, several socio-economic indicators can be used as explained by Sharma et al., (2020), socio-economic indicators include employment opportunities, development of economic structures, income, health, public perceptions, population growth, etc. The breadth of variables used as socio-economic indicators, this study only uses the variables of employment, income, and education (Mareeva, 2020).

* Correspondence Address

E-mail: adlanilalu12@gmail.com

DOI: <https://doi.org/10.58330/society.v2i1.262>



The occurrence of social and economic changes as a result of the existence of port development activities is something that cannot be avoided. Socio-economic is the condition of the population which includes the level of education, income, health, consumption, housing and the community environment. Meanwhile [Koronakos et al., \(2020\)](#) explains that socio-economic is the position of a person in society in relation to other people in terms of social environment, achievements, and rights and obligations in relation to resources. The socio-economic conditions of this community can affect their level of welfare to be able to meet their needs

West Lombok Regency itself until 2022, there are 4 (four) ports, including one of which is Gili Mas Harbor which is in Labuan Tereng Village, Sheet District, West Lombok Regency. The port infrastructure development was carried out from 2016 – 2020 through funds fully disbursed by PT. Port of Indonesia III (Pelindo III) ([Damayanti, 2022; Rahman et al., 2022](#)). The initial goal of developing the Gili Mas Port was to improve connectivity due to the overloaded conditions of the Lembar port, and to improve services for large ships to be able to dock at the port, which previously had to lean in the middle of the sea, then passengers would use lifeboats to reach land ([Fadli et al., 2021](#)). The Gili Mas Port is also inseparable from the construction of the sea highway infrastructure which is used to distribute logistics from east to west of Indonesia. With the existence of the Gili Mas Port, it will also be able to reduce logistics costs so that the price disparity of goods is not too high. The Gili Mas Port is still one unit with the Lembar Port, both of which are under the auspices of PT. Port of Indonesia III.

The Gili Mas Port began operating at the end of 2019 however, the port construction process is still ongoing. With so many ships docking at Gili Mas Port with passengers coming from outside and within the country, it is hoped that there will be an impact on increasing the regional economy, especially Labuan Tereng Village which is the location of the Gili Mas Port. The impact referred to here is increasing the income of the surrounding community, and opening up employment opportunities in accordance with the level of

education of the surrounding community ([Fadli et al., 2021](#)). As the activities of the Port of Gili Mas are currently increasing rapidly, the impact of the existence of the port will affect aspects of the socio-economic life of the surrounding community ([Rode et al., 2021](#)). The growing development of community activities cannot be separated from the influence of activities resulting from activities at the port. One of the impacts that occur on the socio-economic community is the creation of business opportunities that can improve the economy of the surrounding community so that it will automatically affect the welfare of the surrounding community.

Labuan Tereng Village is one of the villages in the Lembar District with an area of approximately 11.62 km² with a population of 3,266 males and 3,215 females (Labuan Tereng Village Profile, 2022). Its location close to the beach causes many people to work as fishermen ([Permadi et al., 2021](#)). In addition, its location which is also close to the hills makes most of the people of Labuan Tereng village work as brick makers. However, along with the existence of the Gili Mas Port, changes have occurred in the community in terms of the economy, which originally had a livelihood as fishermen and brick makers, will change along with the operation of the Gili Mas Port.

Since the start of the operation of Gili Mas Port, there have been various impacts on the surrounding community, both directly and indirectly ([Permadi et al., 2021](#)). Since starting operations in early 2020, the existence of the Gili Mas Port has only been able to have an impact on the surrounding community who are only around the port location. Apart from that, the impact of the Gili Mas Port has also resulted in the roads in Labuan Tereng Village becoming bumpy and potholes due to being traversed by dump trucks plus minimal street lighting ([Pamungkas, 2023](#)). Seeing situations and conditions like this are very worrying, considering the existence of Gili Mas Harbor is the only port in West Nusa Tenggara which is a place for cruise ships from abroad. The existence of the Gili Mas Harbor in Labuan Tereng Village should also provide a positive correlation to the welfare of the surrounding community.

METHOD

This research uses a type of descriptive qualitative research. Sugiyono, (2018) states that the qualitative method is a research method based on postpositivism that is used to examine a natural object, where the researcher is the key instrument, data collection techniques are carried out by means of triangulation (combined), data analysis is inductive/qualitative, and the results research emphasizes meaning rather than generalization. The choice of this descriptive qualitative research is because, in accordance with what is to be achieved in this study, namely to describe how socio-economic changes are related to how socio-economic changes use indicators of employment opportunities, income, and community education in Labuan Tereng Village, Lemba District, West Lombok Regency due to the Gili Mas Harbor. The location in this study is in Labuan Tereng Village, Sheet District, West Lombok Regency. This location was chosen because Gili Mas Harbor is in the village. The time of research in this study was from March – May 2023.

The data collection methods used in this study are observation, interviews, and documentation. The types of data used in this research are primary data and secondary data which are sourced from interviews and documents related to the research topic. To test the validity of the data that will be used in this study is to use source triangulation, technical triangulation, and time triangulation. The data analysis method used in this study is an interactive data analysis model from Miles and Huberman which consists of data collection, data reduction, data presentation, and drawing conclusions (Irwan Hermawan, 2019).

RESULT AND DISCUSSION

The Impact of Gili Mas Harbor Infrastructure Development on the Socio-Economy of the Community of Labuan Tereng Village

The existence of the Gili Mas Harbor in Labuan Tereng Village, Sheet District, West Lombok Regency has caused the concentration of existing development in the area, especially in Labuan Tereng Village

because this location is where the port is located. The construction of the Gili Mas Port began in 2016 and will begin operating in 2020. The process of developing the Gili Mas Port is still being carried out in stages, because in the future the Gili Mas Port is expected to become a Container Terminal Port in West Nusa Tenggara. The existence of the Gili Mas Harbor has resulted in changes both intentional and unintentional, the changes that occur can be in terms of the environment, social and economy of the surrounding community. In this study, in order to show that there is an impact on the socio-economic development of the Gili Mas Port infrastructure for the people of Labuan Tereng Village, several indicators are used including: employment opportunities, income, and education.

1. Job Opportunities

The existence of Gili Mas Harbor has a direct or indirect impact on the socio-economic community, including its impact on employment. Based on the results of the interviews that were conducted with Ms. Baiq Hidayati who is a stall seller and also Mr. Mahrim who is a brick maker around the Gili Mas Port, said that the job opportunities that existed for the people of Labuan Tereng Village before the Gili Mas Port existed, many worked as laborers and brick makers, and after the existence of the Gili Mas Harbor, many people also work at the port as loading and unloading workers, cleaners or cleaning services, and so on. With the existence of the Gili Mas Port, it also does not have an influence on brick-making activities, but increases the employment opportunities for the community by becoming loading and unloading workers at the port. This statement is in accordance with the results of the interviews conducted as follows:

"Before there was the Gili Mas Port, many people here used to work as laborers and brick makers, after the Gili Mas Harbor it is still the same, there are also many people who work at Gili Mas Port such as loaders, labourers, cleaners - clean" (Result of interview with Ms. Baiq Hidayati, Food Stall Vendor, 18 March 2023)

The same thing was conveyed by Mr. Firman as the village secretary of Labuan

Tereng, who said that with the existence of the Gili Mas Port, which was built in 2016 to 2020, it had just started operating in the Labuan Tereng Village area, resulting in the community having new job opportunities such as becoming drivers, guides or Tour guide. The community is also often involved in supporting the operational needs of the Gili Mas Port as well as the ongoing port development process, as expressed by Mr. Burhanudin who is a worker at the Gili Mas Port. This statement is in accordance with the results of interviews conducted as follows:

"Increased, for example for transportation services, transportation services for cruise ships, for tourists who will be traveling in Lombok, it has been covered, meaning it opens opportunities for drivers, then livelihoods as tour guides, guides. So what has so far been clearly seen are drivers, then guides, then the need for the construction of Gili Mas Port, such as unskilled laborers" (Results of interview with Mr. Firman, Labuan Tereng Village Secretary, 13 March 2023)

The same statement was also explained by Mr. Burhanudin as a cleaning service at Gili Mas Harbor. With the following interview results:

"It's involved, because Gili Mas Harbor is also for the needs of the community as well. If there are unemployed people, they can work here and get income, for example, those who don't have a diploma can work as loading and unloading services, laborers, and those who have a diploma can be placed as a cleaning service like I am" (Result of interview with Mr. Burhanudin, Cleaning Service, 15 March 2023)

Apart from that, the existence of Gili Mas Harbor can also help related to the job needs of the people of Labuan Tereng Village with the existence of cruise ships that dock at the port, even though the existence of these cruise ships is uncertain but it can open up job opportunities such as being a guide. The existence of the Gili Mas Harbor can also have an impact on the operation of a special cooperative for tourism travel in Labuan Tereng Village. As expressed by Mr. Khaerullah as the chairman of the youth organization and Mr. L. Ridwan as the head of the Gili Mas Transport Cooperative in Labuan

Tereng Village in the following interview results:

"You can say there are no job opportunities at Pelindo, because really, this is a BUMN, the recruitment system is national, but there are some who are cleaning services there, 1, 2, 3 people, and for unskilled workers, of course from the people of Labuan Tereng, such as installing paving blocks, the point is that it's like the builders and helpers, yes there were a lot of them during construction. If you can say that job opportunities are mediocre, it doesn't really affect the existence of Gili Mas Harbor, but with the presence of cruise ships in Labuan Tereng at Pelindo it's quite helpful once in a while, because it's not permanent, there are also a lot of guides from Labuan Tereng, as well as special travel cooperatives are also running" (Results of interview with Mr. Khaerullah, Head of Karang Taruna, 13 March 2023)

The same statement was also explained by Mr. L. Ridwan as chairman of the Gili Mas Transport Cooperative. With the following interview results:

"Before the existence of the Gili Mas Port, many people were involved in the brick sector, the impact was extraordinary with the existence of Gili Mas, we are very grateful to Pelindo with the existence of this Gili Mas Port, the community can feel the impact. The impact of the existence of the Gili Mas Port, especially for people who are engaged in the travel sector, we have accommodated all the travel in Gili Mas and united it to become Gili Mas Transport" (Results of interview with Mr. Lalu Ridwan, Chair of the Gili Mas Transport Cooperative, 13 March 2023)

The existence of the Gili Mas Port also provides a Multiplier Effect for the people around the port, such as many people opening restaurants, shops, stalls that have sprung up since the existence of the Gili Mas Port so that job opportunities are created not only from the Gili Port side. Mas or PT. Pelindo alone, but the community can also create jobs. As revealed by Mr. Wawan as the manager of PT. Pelindo III Sheet with the following interview results:

"When talking about job opportunities, not only from Pelindo's side, so for example

when there is construction, we also take advantage of the surrounding community in development, when there are crush ships, travel also from local communities. So there is an opportunity to increase income. The entry of job opportunities is not only from Pelindo's point of view, but with a port we expect a multiplier effect. As with development, there are tourists who shop outside, it is also an opportunity for the local community" (Results of interview with Mr. Wawan, Manager of PT. Pelindo III Sheet, 17 March 2023)

Based on the results of interviews conducted by researchers with stall traders, brick makers, village secretaries, cleaning services, village heads, youth association leaders, and PT. From Pelindo III Sheet it can be concluded that the existence of the Gili Mas Port, from construction to operation, has proven to provide job opportunities, especially for the people of Labuan Tereng Village. Prior to the existence of the Gili Mas Harbor, job opportunities for the people of Labuan Tereng Village were to become laborers or brick makers, fishermen.

After the existence of the Gili Mas Port, the community was involved in the construction and operation of the port. Although not many people get the opportunity to work at Gili Mas Harbor as expected, this opportunity has been very beneficial for the community in opening other businesses. With the existence of the Gili Mas Port, it can not only open up job opportunities such as loading and unloading workers, guides or tour guides, drivers but also provide many opportunities for the people of Labuan Tereng Village to be able to set up various businesses, with the creation of many small businesses such as restaurants, , shops, stalls and so forth. In addition, village cooperatives engaged in the field of travel tourism can also run with the Gili Mas Port.

2. Income

Based on the results of interviews conducted by researchers with Mr. Rohidin who is a fisherman in Labuan Tereng Village, he explained that Gili Mas was once an asset for the community. This is because before the existence of the Gili Mas Port, income as a fisherman could be up to Rp. 300,000 – Rp.

400,000 thousand overnight, even in one month can generate up to Rp. 5,000,000 from catching fish. However, after the existence of the Gili Mas Port, people's income has decreased because there are fewer fishing spots due to the fact that many ships pass through this location. Because of that also, the location of fishing is getting farther away with the same equipment, so that operational costs are more expensive and the results obtained are also erratic due to weather factors. This statement is in accordance with the results of interviews conducted as follows:

"Before the existence of Gili Mas Harbor in one night you could get Rp. 300,000 – Rp. 400,000 thousand, in one month it can be up to Rp. 5,000,000 million from fishermen. Then after the existence of the Gili Mas Harbor, income decreased and was uncertain, and the distance to catch fish was getting farther, to a sekotong west, and also the equipment used was the same, the costs incurred also increased. There should have been assistance from the company related to fishing gear assistance, and so on related to fishermen's problems, but this did not exist" (Result of interview with Mr. Rohidin, Chair of the Fishermen's Group, 13 March 2023)

On the other hand, the researcher also asked Mr. Moh. Sidik as the head of Labuan Tereng Village said that the existence of the Gili Mas Port could increase the income of the community, but only to those around the Gili Mas Port. This statement is in accordance with the results of the interview as follows:

"Actually, people whose income has increased are only around Gili Mas, such as around the streets, but in general they are mediocre. Because those who get an increase or affect income are only the people who work at the Port of Gili Mas and the people around the Port of Gili Mas" (Results of interview with Mr. Moh. Sidik, Head of Labuan Tereng Village, 15 March 2023)

The same thing was also conveyed by Mr. Firman as the secretary of Labuan Tereng Village who explained that the existence of the Gili Mas Port has not been able to increase the income of the people of Labuan Tereng Village as a whole and significantly, but only a few people who work and are around the Port of

Gili Mas are influential, with the following interview results:

"The level of people's income so far, it can be said that it has not increased significantly, which can be increased perhaps from stall traders, culinary traders, then from transportation services, and guides and that's all, as well as unskilled laborers who work at Gili Mas Port" (Results of interview with Mr. Firman, Secretary of Labuan Tereng Village, 13 March 2023)

In addition to what was conveyed by the three subjects above, the researchers also conducted interviews with people who worked directly at Gili Mas Harbor who said that prior to the existence of Gili Mas Port, the income earned was uncertain due to the fact that there were no permanent jobs to get. As expressed by Mr. Mukti Ali and Mr. Burhanudin as the cleaning service (CS) at Gili Mas Harbor, who said that the results of the interview were as follows:

"Before the Gili Mas Port, income was uncertain, after the Gili Mas Port there was a fixed income that was in accordance with the UMR" (Results of interview with Mukti Ali, Cleaning Service (CS), March 15, 2023)

Apart from that, with the existence of Gili Mas Harbor, there have been many traders selling around Gili Mas Harbor. With so many traders, the level of competition experienced by traders is getting tougher which has resulted in a decrease in income experienced by some traders who have already sold at that place. This statement is in accordance with the results of an interview with Mrs. Sukmawati with the following interview results:

"You could say that before the existence of Gili Mas Port, the income was more, the income could reach Rp. 500,000 thousand more and after the existence of the Gili Mas Port, income can be said to be under Rp. 500,000 thousand, income has decreased after the existence of the Gili Mas Port, maybe because more and more people have started selling around here, so there are many competitors, because before that they were still alone" (Results of interview with Mrs. Sukmawati, Food Warung Trader, 04 May 2023)

Apart from that, Mrs. Budiah, as a stall trader around Gili Mas Harbor, also experienced an increase in income of Rp. 500,000 thousand compared to before the Gili Mas Port was Rp. 100,000 – Rp. 200,000 rb. This statement is in accordance with what was expressed by Mrs. Budiah in the interview excerpt as follows:

"Yes, this is how it used to be Rp. 200,000 – Rp. 100,000 thousand per day, and now it can reach Rp. 500,000 thousand" (Result of interview with Mrs. Budiah, 04 May 2023)

The researcher also asked the same thing to Mr. Agus Sutrisman as the Head of the Lembar sub-district who said the impact of the Gili Mas Port on the people of Labuan Tereng Village in terms of per capita income could not be calculated with certainty. However, overall there has been an increase in the economy for the surrounding community. Economic improvements have occurred, such as the increase in the price of land around Gili Mas Harbor, which was not previously looked at and sold at high prices, so that the proceeds can be used to build houses. This statement is in accordance with the results of an interview with Mr. Agus Sutrisman as the Head of the Sheet Sub-District, as follows:

"As I said earlier, we cannot calculate the socio-economic improvement in terms of per capita income in Labuan Tereng. But, for the whole, because there is no access to infrastructure, and after the existence of the Gili Mas Port, the infrastructure is there, there are people who work there, so the economy there grows, and land prices are also high, previously the land was not selling well, no on the lyrics. And when it is sold it is high, so it can be used to build a house" (Result of interview with Mr. Agus Sutrisna, Sheet Sub-District Head, March 24 2023)

Based on the results of interviews conducted by researchers with the heads of fishermen groups, village heads, village secretaries, cleaning services, traders, brick makers and sub-district heads who are around Gili Mas Port, it can be concluded that the existence of Gili Mas Port has an effect on increasing the income of some communities. those around the port and those working at Gili Mas Harbor. With so many traders selling around Gili Mas Port, it also creates

competition between traders. However, the existence of the Gili Mas Port is also detrimental in terms of the fishermen around the port, because with this port, the catches obtained by fishermen are reduced and the distance to the fishing location is getting farther away because the location that was originally used as a place to catch fish is traversed by ships sailing around the port of Gili Mas. In addition, there was an increase in the price of land around the Gili Mas Port location which was previously not looked at at all, so that the community sold their land and the proceeds were used to build houses.

3. Education

The impact of the construction of the Gili Mas Harbor infrastructure on the education of the people in Labuan Tereng Village has not yet been significantly felt by the surrounding community. This is due to the construction process of the Gili Mas Harbor which is still not finished and still needs to be developed further, even though it is already operational. Prior to the existence of this port, the education level of the community in Labuan Tereng Village was already quite good with a 9-year compulsory education program, namely junior or senior high school students. After the existence of Gili Mas Port, the level of community education was slightly affected by the community's interest in pursuing higher education, especially according to the needs of Gili Mas Port, with the aim of being able to work at Gili Mas Harbor and several other companies around Gili Mas. This statement is in accordance with the results of interviews conducted by researchers with Mr. Firman who is the secretary of Labuan Tereng Village

"So before the Gili Mas Harbor, indeed the majority of people had 9 years of compulsory education on average for junior high and high school, now after the Gili Mas Port, it's only recently, but it slightly affects the level of education, some intend to continue their education to a higher level, for example to college, or to majors needed by Gili Mas Port" (Results of interview with Mr. Firman, Secretary of Labuan Tereng Village, 13 March 2023)

The same question was also asked to Mr. Agus Sutrisman as the Head of the

Lembar sub-district who said that the existence of the Gili Mas Harbor would improve infrastructure such as roads, so that access to education would be easier. Many teaching staff such as teachers have also been transferred to the Labuan Tereng Village area and its surroundings, so that this can improve the quality of human resources. This statement is in accordance with the results of the interview as follows:

"So, related to the level of education in Labuan Tereng. Gili Mas actually didn't operate for too long, yes, the port itself has started operating since 2020. There is only one Pelindo, but there are only two ports which are not in the same place but one management, one is the Lembar Port, and the two Gili Mas Ports, the process has taken a long time from 2016 to 2020 and it will only be completed. There has been a significant impact as a result of the existence of the Gili Mas Port, such as infrastructure including road access has been updated, so that access to education, the economy, etc. is getting better and improving the quality of human resources. One example of the number of teachers, before they didn't want to move there, because there was no access, but after there was access, they were closer, which improved the quality of teacher human resources, as a result, the community also became more active in sending their children to school. The point is that the infrastructure already exists and that has resulted in improvements in terms of education, economy, socio-culture. From an economic standpoint, Gili Mas also employs more local people so that the economy grows, because the impact is positive. However, there are negative impacts, such as excavations due to development which causes the environment to change a little" (Interview with Mr. Agus Sutrisman, Lembar District Head, 24 March 2023)

Apart from the statement stated above, the impact of the Gili Mas Port on the surrounding community, especially in the education sector, is the Corporate Social Responsibility (CSR) provided by PT. Pelindo III Sheet. The type of CSR provided is the provision of training or an English language school for 3-4 months intended for the youth of the Labuan Tereng Village community, as

well as working with educational institutions with the aim of preparing the local community to welcome tourists who come by cruise ship. This statement is in accordance with the results of an interview with Mr. Wawan as the manager of PT. Pelindo III sheet as follows:

"In terms of education, we are going through CSR, yesterday we tried to facilitate the local children with regard to English courses. So actually speaking English is a form of our readiness to welcome shopping tourists. So far, tourists don't always go by car, sometimes there are those who walk. We hope that the people are ready, at least to communicate with tourists. Because our challenge going forward is English, we know ourselves as a tourist destination" (Results of interview with Mr. Wawan, Manager of PT. Pelindo III Sheet, 17 March 2023)

Based on the interview above with the sub-district head, the secretary of Labuan Tereng Village, the youth organization, the manager of PT. Pelindo III Sheet, as well as academics/lecturers at the University of Mataram, it can be seen that the existence of the Gili Mas Port can increase the level of education of the people in Labuan Tereng Village because the infrastructure built along with the existence of the port makes access to education and the quality of human resources in Labuan Village Tereng and its surroundings are getting better.

Public awareness to pursue higher education has also increased and they have taken schools that specialize in tourism, with the aim of being able to work at Gili Mas Harbor. In addition, the existence of Gili Mas Port which belongs to PT. Pelindo 3 Sheets participates in increasing the education level of the surrounding community by providing CSR which in this case is devoted to English language training. With this 3-4 month course, it aims to prepare the human resources of the surrounding community to be able to communicate and interact with foreign tourists who come by cruise ship.

Discussion

Gili Mas Harbor The impact of one of the infrastructures that has an important role in the economy, especially in Labuan Tereng Village, Sheet District, West Lombok Regency.

Because the existence of the Gili Mas Harbor can have an impact physically and non-physically on the surrounding community. The indicators used to measure socio-economic changes in the surrounding community in this study use indicators of employment, income and education. Due to the existence of the Gili Mas Harbor it is able to absorb labor and open up job opportunities for the community around the port. So that the Gili Mas Port will add to the existing workforce, with increased job opportunities it will also result in increased income for the people of Labuan Tereng Village. This employment opportunity is also determined by the level of education of the community itself. Some of these indicators are:

1. Job Opportunities

Job opportunities are opportunities that are created from economic development in an area, meaning that these job opportunities may or may not have been filled by people of working age. The working age population is the population aged 15 years or more who are able to work and consist of people who are looking for work. Meanwhile, according to Law No. 13 of 2003 concerning employment, labor is anyone who is able to do work to produce goods and services both to meet their own needs and for the community. The existence of the Gili Mas Port has had a direct or indirect impact on the socio-economics of the surrounding community, especially on the employment opportunities for the people of Labuan Tereng Village. Prior to the existence of the Gili Mas Port, there were many job opportunities for the people of Labuan Tereng Village who worked as farm/private labourers, traders/private sector, private employees, fishermen and brick makers. In the process of building the Gili Mas Port, the people of Labuan Tereng Village were also heavily involved in the development process, such as being handymen or manual laborers.

After the operation of the Gili Mas Harbor which began in 2020, it resulted in new job opportunities for the people of Labuan Tereng Village. There are new job opportunities such as loading and unloading services, cleaning service 5 people, security guard 1 person. As well as job opportunities in the tourism sector such as tour guides or tour

guides, travel agents and drivers or drivers totaling 180 people or around 10.7% of the total livelihoods of the people of Labuan Tereng Village (Labuan Tereng Village Profile, 2022). Although the absorption of the existing workforce is not as significant as expected, due to the inability to meet the requirements set by the company/port it is due to the human resources and skills of the people of Labuan Tereng Village which are still lacking when compared to human resources from outside the area higher quality (Mareeva, 2020). However, with the Gili Mas Port, it can also provide a multiplier effect for the community around Gili Mas Harbor, by establishing various businesses by creating various types of businesses such as stalls, restaurants, taverns, and so on. In fact, these various businesses are able to create job opportunities for the surrounding community.

2. Income

Income is the amount of income generated from community activities in the economic field which is obtained within a certain period of time as a result of remuneration for the work done. Income received alone is usually in the form of money and is used to meet daily consumption needs.

Based on the results of interviews with the community around the Gili Mas Harbor regarding the impact of the existence of a port on the income level of the community, it has had a positive influence. Because with the Gili Mas Port itself, it can provide benefits for the surrounding community. In terms of income, the community experienced an increase in income due to activities at the port. As an example of a brick maker located around Gili Mas Harbor, whose income is not fixed depending on demand, however, since Gili Mas Port has been operating and has opened up jobs such as port loading and unloading activities, it has experienced an increase in income from additional income.

Though not every day. Apart from that, people who sell goods around Gili Mas Port have also experienced an increase in income as stated by Mrs. Budiah that before the existence of Gili Mas Port, their income from selling was around Rp. 100,000 – Rp. 200,000 thousand, but after the existence of the Gili Mas Harbor

it increased to around Rp. 500,000 thousand. People who work as cleaning services at Gili Mas Harbor also experience an increase in income, where previously their income was erratic, between Rp. 1,000,000 – Rp. 1,500,000 in 1 month, and working odd jobs, after the existence of the Gili Mas Port, the income became fixed and increased according to the UMR of West Lombok Regency of Rp. 2,300,000. The existence of the Gili Mas Port is also capable of creating economic activity and business development in the port area, so that the area becomes the center of the economy. As is the case in terms of traders who sell around Gili Mas Harbor, they also experience an increase in income on certain days.

The increase in income that occurred was also not significant for all the people of Labuan Tereng Village, but only limited to people who worked directly or indirectly and the people who were around the location of Gili Mas Harbor. However, there are not only positive impacts, with the existence of Gili Mas Harbor there are also negative impacts in terms of income. For example, the income of people who work as fishermen, who have experienced a decrease in income since the operation of the Gili Mas Port, and the distance to fishing locations has become increasingly distant and the operational costs for catching fish have also increased.

3. Education

Education according to Law No. 20 of 2003 is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential to have religious spiritual strength, self-control, personality, intelligence, noble character, and the skills needed by them. , society, nation and state. The quality of life is reflected in the so-called education, because the higher the level of public education, the easier it is to get a better job. Education as a means of preparing the workforce is defined as the activity of guiding participants so that they have the basic provisions to work. This basic provision is in the form of forming attitudes, behaviors, knowledge and work skills. This is an important mission for education because work is one of the basic needs in human life. Education can be

pursued if a person can have access to good education.

In interviews that have been conducted with the people of Labuan Tereng Village, it can be seen that the level of education of the people of Labuan Tereng Village as a whole is quite diverse, from elementary, junior high, high school to tertiary institutions. Prior to the existence of the Gili Mas Port, the education level of the people of Labuan Tereng Village was relatively good, with an average majority of the community having compulsory education for 12 years. However, after the existence of the Gili Mas Port, the quality of education for the people of Labuan Tereng Village has improved/increased because access to infrastructure for education has become easier, as well as the quality of teacher human resources in Labuan Tereng Village and its surroundings has also increased due to the mobilization and equalization of the quality of teachers in Labuan Tereng Village (Nicolaou, 2021).

The emergence of awareness from the community of the importance of education is also high, because with the existence of Gili Mas Port, people are motivated to pursue education, especially in the tourism sector by seeing opportunities to be able to work at Gili Mas Harbor and with the assumption that Labuan Tereng Village will progress with many companies in the region. Besides that, to support the improvement of education, PT. Pelindo III Sheet also provides assistance in the form of improving facilities and infrastructure at early childhood and kindergarten schools as well as CSR through the Labuan Tereng Village youth organization which is used for English language training in collaboration with educational institutions. With the existence of CSR in English training, it is hoped that it can be a form of community readiness in preparing themselves to welcome tourists who come through Gili Mas Port.

CONCLUSION

Based on the analysis and discussion carried out, it can be concluded that the existence of Gili Mas Port has had both positive and negative impacts on the socio-economic community of Labuan Tereng Village, Sheet District, West Lombok Regency

with the following indicators of employment opportunities, income and education:

1. The existence of the Port of Gili Mas has been able to provide employment opportunities that can trigger an increase in the economy for the surrounding community by acting as workers at the Port of Gili Mas, although in this case only a few people who have been absorbed are not as significant as expected due to human resources which is still lacking compared to higher quality human resources from outside the region. The existence of Gili Mas Port is not only able to open job opportunities, but can also create job or business opportunities for the community
2. The existence of the Gili Mas Port has had a positive impact on increasing the income of the community around the port so that people's welfare is increasing. This increase in income is related to job opportunities from the Gili Mas Port and business opportunities/businesses that are run around the port.
3. The existence of Gili Mas Port has brought about better changes to the level of education of the people of Labuan Tereng Village, due to the emergence of awareness from parents of the importance of education being high. The existence of the Gili Mas Port has also increased teacher human resources due to improved infrastructure and equal distribution of teachers around the Labuan Tereng Village area. Motivation to pursue education has also increased, especially in the field of tourism by seeing opportunities for the existence of Gili Mas Port and the assumption that in the future Labuan Tereng Village will be more advanced in the future.

Author declaration

Author contributions and responsibilities

The authors made major contributions to the conception and design of the study. The authors took responsibility for data analysis, interpretation, and discussion of results. The authors read and approved the final manuscript.

Funding

This research did not receive external funding.

Availability of data and materials

All data is available from the author.

Competing interests

The authors declare no competing interests.

REFERENCES

- Damayanti, S. (2022). Dampak Pembangunan Sirkuit Kuta Mandalika Terhadap Pengembangan Usaha Mikro Kecil Dan Menengah Di Tinjau Dalam Perspektif Ekonomi Islam. *Journal of Sharia Economy and Islamic Tourism*, 2(1), 20–27. <https://doi.org/10.31764/jseit.v2i1.8345>
- Darmawan, A., Alamsyah, R., Koswara, R., & Ahmadi, D. (2022). Strengthen the Role of Village Owned Enterprises (BUMDes) to Improve Social Welfare and Reduce Inequality in Rural Areas: Lesson from Indonesia. *Proceedings of the 3rd International Conference of Business, Accounting, and Economics, ICBAE 2022, 10-11 August 2022, Purwokerto, Central Java, Indonesia*.
- Fadli, M. R., Rustam, I., & Munir, A. M. (2021). Analisis Kebijakan Pemerintah Indonesia dalam Pengajuan dan Penerapan Traffic Separation Scheme (TSS) di Selat Sunda dan Selat Lombok. *Indonesian Journal of Global Discourse*, 3(1), Article 1. <https://doi.org/10.29303/ijgd.v3i1.31>
- Irwan Hermawan. (2019). *Metodologi Penelitian Pendidikan (Kualitatif, Kuantitatif dan Mixed Method)*. Hidayatul Quran.
- Koronakos, G., Smirlis, Y., Sotiros, D., & Despotis, D. K. (2020). Assessment of OECD Better Life Index by incorporating public opinion. *Socio-Economic Planning Sciences*, 70, 100699. <https://doi.org/10.1016/j.seps.2019.03.005>
- Mareeva, S. (2020). Socio-economic inequalities in modern Russia and their perception by the population. *The Journal of Chinese Sociology*, 7(1), 10. <https://doi.org/10.1186/s40711-020-00124-9>
- Nicolaou, C. (2021). Media Trends and Prospects in Educational Activities and Techniques for Online Learning and Teaching through Television Content: Technological and Digital Socio-Cultural Environment, Generations, and Audiovisual Media Communications in Education. *Education Sciences*, 11(11), 685.
- Nur, E. Y., & Emanuel, K. (2018). The effect of credit risk on bank profitability with efficiency as the intervening variable. *Russian Journal of Agricultural and Socio-Economic Sciences*, 74(2), 179–186.
- Pamungkas, S. (2023). Analysis Of Vegetation Index For Ndvi, Evi-2, And Savi For Mangrove Forest Density Using Google Earth Engine In Lembar Bay, Lombok Island. *IOP Conference Series: Earth and Environmental Science*, 1127(1), 012034. <https://doi.org/10.1088/1755-1315/1127/1/012034>
- Permadi, L. A., Retnowati, W., Muttaqillah, Rusminah, Oktaryani, G. A., Tara, N. a. A., & Septiani, E. (2021). *Analysis of Tourism Village Development in West Lombok Regency*. 217–222. <https://doi.org/10.2991/aebmr.k.210628.036>
- Purwanto, A., Rahmawati, Y., Rahmayanti, N., Mardiah, A., & Putri, R. A. (2022). Socio-critical and problem-oriented approach in environmental issues for students' critical thinking skills development in Chemistry learning. *JOTSE*, 12(1), 50–67.
- Rahman, F. A., Listari, N., & Jannah, S. W. (2022). Bioakumulasi Logam Berat (Pb) pada Vegetasi Mangrove Famili Rhizophoraceae di Teluk Lembar Kabupaten Lombok Barat. *Bioscientist: Jurnal Ilmiah Biologi*, 10(2), 1273–1284. <https://doi.org/10.33394/bioscientist.v10i2.5956>
- Rode, J., Flinzberger, L., Karutz, R., Berghöfer, A., & Schröter-Schlaack, C. (2021). Why so negative? Exploring the socio-economic impacts of large carnivores from a European perspective. *Biological Conservation*, 255, 108918. <https://doi.org/10.1016/j.biocon.2020.108918>
- Sharma, G. D., Talan, G., & Jain, M. (2020). Policy response to the economic challenge from COVID-19 in India: A qualitative enquiry. *Journal of Public Affairs*, 20(4), e2206. <https://doi.org/10.1002/pa.2206>
- Sugiyono, D. (2018). Metode penelitian kuantitatif, kualitatif dan R & D/Sugiyono. *Bandung: Alfabeta*, 15(2010).