



Social and Economic Impact of Industrialization Nickel Mining on The Community (Study of Wonuamorome Village, Konawe Regency)

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Abstract

The aims of this research are: 1) To determine the social impact of nickel mining on the community in Wonuamorome Village, Puriala District, Konawe Regency. 2) To determine the economic impact of nickel mining on the community in Wonuamorome Village, Puriala District, Konawe Region? The technique used in selecting informants in this research was purposive sampling. The informants selected were key informants, namely the village head and a community figure, as well as additional informants consisting of two company officials, four employees who lived in Wonua Morome Village, and four community members. So the total informants in this investigation were 12 people, and several key informants came from village officials. The emergence of industrial areas in an area is believed to bring positive and negative factors to the lives of people in that area, such as positive social impacts, namely that industry can provide employment opportunities for local residents. The presence of the business world in Wonua Morome Village opens up employment opportunities for the local community. And the negative social aspect is contact with crocodiles which can cause social conflict. The presence of the business world in Wonua Morome Village has led to land conflicts between immigrants and local residents. The positive economic impact is to increase village cash income. The presence of businesses in Wonua Morome Village increases the village's cash income. Negative economic impacts include industrial waste which is dangerous for the environment and pollutes people's agricultural land, causing losses.

Keywords: *Sosial Impact, Socio Ekonomik, Mining Industrialization*

INTRODUCTION

Indonesia is a great nation. The national development carried out by the Indonesian nation is comprehensive human development which aims to create a just and prosperous society based on Pancasila and the 1945 Constitution. Regarding the management of natural resources, the 1945 Constitution states in Article 33 paragraph 3: Earth, air and the natural riches contained it is controlled by the state and used as much as possible for the prosperity of the people. from people. This shows that the state protects natural resources and will use them for the greatest prosperity of the people.

Management of mineral resources by the mining industry is carried out because it produces higher local revenue (PAD), so that the country's economy and development can increase and job opportunities can be created for local communities and communities outside mining locations. Apart from that, industry is the party that has capital in the form of technology which is expected to be able to manage mineral resources well and efficiently. However, in practice, management of the mineral

resources industry does not always work as expected. This is because mining activities are activities to extract natural resources both in open pits and underground, while the use of technology in extracting existing mineral resources is often excessive, so that the management of mining natural resources carried out by the mining industry has an impact on changes in natural conditions. . The mining industry has affected the ecosystem. local. Environmental impacts due to mining operations, such as flooding, make the natural environment and mining areas prone to disasters. Forests lose flora and fauna and the forest's function as an absorber and source of groundwater supply is lost. Currently what is being sought is only nickel mining, but the impact of this search is the destruction of forests in the area. The social impact of a well-managed mining company is an increase in the welfare of the mining community, workers and the company. Due to its economic impact, mining activities provide higher income than previous income. The socio-economic impact of the presence of mining companies does not always provide a positive contribution to society, the presence of mining companies can also have a negative impact on school-aged children who drop out of school to work as mine workers. Many farmers and construction workers no longer work in their previous jobs and have turned to work in mining. Conditions like this cause people to have unstable life choices, so that they have greater opportunities to earn high incomes compared to their jobs as construction workers or farmers.

In its implementation, the mining activities of PT. Modern Industrial Metal Light can have positive and negative impacts on the social aspects of these three communities. Mining activities in an area also face the conditions of that area. Mining companies do not know or understand indigenous land and culture, they only understand land purchase and land management to make a profit from their mines. Zoning problems are related to the socio-economic conditions of the community and the environment, so it is not surprising that mining problems always end in the forced closure of mining sites by local communities.

Nickel mining is one of the mines that is currently being developed and managed by the government and the private sector. Nickel is used as a metal alloy that is widely used in various metal industries. The management of nickel mining companies in Sulawesi has been taken over by large companies such as PT. Aneka Tambang operates in Kolaka Regency, and several other companies manage nickel mines in Southeast Sulawesi Province. Mining company activity in Southeast Sulawesi continues to increase, and not only companies registered as mining permit holders, but there are also companies that do not have permits but operate as mining distributors. The increasing involvement of mining companies in managing nickel mines has resulted in mining areas becoming increasingly damaged and at risk of natural disasters.

The mining sector is a strategic sector that plays a close role in absorbing labor, alleviating poverty and unemployment and building food security. Apart from that, with the issuance of mining permits, mining in this area is increasingly widespread, especially nickel which is sold in ore form to several countries, including China, Korea and Singapore. Wonuamorome Village, Puriala District, is one of the nickel mining centers of PT. Cahaya Metal Modern Industri, whose 54 employees come from Wonuamorome Village, is located in Konawe Regency with relatively high nickel ore content. This makes Wonuamorome Village in Puriala District a mining destination. Based on the background description above, the problems in this research are: 1) What is the social impact of nickel mining on the community in Wonuamorome Village, Puriala District, Konawe Regency? 2) What is the economic impact of nickel mining on the community in Wonuamorome Village, Puriala District,

Konawe Regency? The objectives of this research are: 1) To determine the social impact of nickel mining on the community in Wonuamorome Village, Puriala District, Konawe Regency? 2) What is the economic impact of nickel mining on the community in Wonuamorome Village, Puriala District, Konawe Regency? Benefits of Research 1. Theoretically, the results of this research are expected to complement and expand scientific knowledge, especially regarding the social and economic impacts of industrialization on communities in mining locations. 2. Practically, this research can be used as a reference and reference material for the government in taking and formulating policies regarding the social and economic impacts of nickel mining industrialization on society. 3. Methodologically, the results of this research are intended to provide input for future researchers who are interested in exploring the social and economic impacts of nickel mining industrialization on society.

RESEARCH METHOD

This research was conducted in Wonuamorome Village, Puriala District, Konawe Regency. This location was chosen taking into account that Wonuamorome Village is a mining location due to the impact of industrialization on the community.

This research is descriptive-qualitative in nature, with the aim of explaining the positive and negative impacts on the social life of local residents living around the mining area in Wonuamorome Village, Puriala District, Konawe Regency.

The technique used in selecting informants in this research was purposive sampling. The informants chosen were key informants, namely the village head and a community figure, as well as additional informants consisting of two company officials, four employees who lived in Wonua Morome Village, and four community members. So the number of informants in this study was 12 people. The data collection technique in this research was carried out using field research, namely the aim of the research was to obtain data. The data obtained from this research is then grouped based on the type of problem. This is in line with the opinion of Endaswara (2003) who states that through continuous data analysis, researchers can obtain a complete understanding of research findings arising from the problems studied. Data analysis was carried out in depth using qualitative descriptive methods and aimed to answer the problems of this research

RESULTS AND DISCUSSION

Positive impact create jobs

One of the positive impacts of the existence of PT. The modern light metal industry in Wonua Morome Village is able to create jobs for the people of Wonua Morome Village. High population growth which is not accompanied by employment opportunities in the informal sector will lead to unemployment in a region, especially Indonesia. The following is an interview with one of the informants regarding the number of residents who work at the company: "I currently have 54 residents working at the company, 21 people from Hamlet One, 18 people from Hamlet Two, and 15 people from Hamlet 2. 3. According to the company, hiring will be done in stages, likely around early January, and some members of my community who haven't been hired yet are already eagerly awaiting this. (Interview result)

Based on the results of the interview above, it can be concluded that the presence of PT. The modern metal lamp industry in Wonua

Morome Village can have a positive impact in creating jobs for some people in Wonua Morome Village, so that with the existence of PT. The Modern Metal Light Industry in Wonua Morome Village has indirectly reduced the number of unemployed in this village.

PT Cahaya Metal Modern Industri in Wonua Morome Village was founded in August. The presence of this company is a breath of fresh air for people who do not have permanent jobs to work as employees at the company. This was expressed by an informant who said: "With the existence of PT Cahaya Metal Modern Industri in Wonua Morome Village, I no longer need to leave my hometown to go to another area with the aim of looking for work. Just that." "Anders, before there was a nickel mining company in our village, I had to leave my hometown for months, my children and wife worked in other areas. But now that I work at the company, I will never leave my family again." Personally, I am very grateful to the Konawe Regency government for creating jobs like this." (Interview result)

Job opportunities are open in Wonua Morome Village, some of the people are miners. The government and company's commitment to employing local people has been implemented, although there are still a small number of workers in the company who come from outside Wonua Morome Village. Mining workers are busy every day, both those who have permits and those who live outside the mining complex. Several housewives did not miss this opportunity and opened small businesses such as food stalls, stalls selling nine basic commodities, and selling soft drinks.

Based on the results of interviews with several informants mentioned above, we can conclude that with the existence of PT Cahaya Metal Modern Industri in Wonua Morome Village which mines nickel, there are no more job opportunities for the people of Wonua Morome Village, let alone the difficulty of getting work. , Compared to before the company existed, they had to migrate to other areas. even abroad. Meanwhile, housewives can also open small businesses around mining locations, which can automatically increase family income.

Increasing the level of community education

Education is an inseparable part of human life. Education is very important for someone to get a job. Currently, education is a benchmark for a company in accepting its employees. The higher a person's education, the higher the salary they will receive in a company. If the educational level is low, the classification is based on the subject and the salary is adjusted accordingly. We have not looked at the formal realm in relation to a person's education. The higher a person's education, the greater his or her chances of occupying a strategic position and vice versa. Based on the description above, the relationship between education and the existence of nickel mining companies in Wonua Morome village, Puriala subdistrict, was explained by several informants based on research findings.

This is in accordance with the statement of an informant who works at the company: "Since I first worked as a plantation farmer, several family members have dropped out of school. All of this is complicated by cost. Last year..." The third child was forced to stop going to high school because his older brother wanted to go to one of the health schools in Konawe Regency. The need for money for his older brother was so great that his younger brother had to be unemployed for a while while he helped me with the gardening. However, after I worked at this company, his younger brother was also able to continue his education to high school level. "Similarly, my brother has more transportation options than before I worked at this company." When he was still at a nickel mining company, he only used public transportation to study in Unaaha City" (Interview Results)

The presence of the mining company P.T. Modern Industrial Metal Light in Wonua Morome Village has caused many people to send their children to college. This is because the cost of educating each household's children is higher than before the nickel mining company existed. in this village. This was expressed by one of the key informants who said: "One of the positive impacts of having a nickel mining company in this area is that many children continue their education to a higher level. I take the example of a head of household" whose name I don't need to mention. Before this company existed, two of his children had only graduated from junior high school, but now his third child is studying at a university in Makassar City. This costs a lot of money because the land purchased by the company is relatively expensive. According to him, the price of the land purchased by the company was IDR 380,000,000. "I think their children can now afford to pay this price to send their children to the next level of education" (interview results)

Based on the results of interviews with several informants mentioned above, it can be concluded that the presence of PT Cahaya Metal Modern Industri in Wonua Morome Village can improve the education level of children in the village.

Negative impact Cultural contact

It cannot be denied that the presence of PT Cahaya Metal Modern Industri in Wonua Morome Village has created a map of conflict between the Wonua Morome community regarding their ancestral land, while on the other hand it concerns the company and the residents. From a cultural perspective, the land types of the Tolaki community, especially in Wonua Morome Village, are divided into several parts, as stated by the key informant: "As we know, these types of land are according to Tolaki custom." The law is divided, among other things, into several parts: Walaka soil types, d other plant types. Third is Tanah Waworaha which is a water forest which is usually located at the foot of a mountain and is a breeding habitat for snakehead fish, catfish and other types of fish. After the opening of nickel mining there, the community claimed the most land for the Walaka type in this village. According to him, the land belonged to him because his ancestors used and occupied the land. Meanwhile the boundaries are unclear and there is no formal legal evidence. Countries like these are the source of most conflicts. On the one hand, the company bought it from residents, but on the other hand it claims that the property is its own. However, this conflict can only be resolved through family discussions" (interview results). Based on the results of observations, it was also found that several properties were fenced off by the community, even though on the company map it was a mining area, and while the conflict was still ongoing, this was based on the results of discussions between customs. leaders, city governments and companies were retained.

However, when talking about cultural contacts and social relations, today's young generation compares itself with the younger generation before the presence of the company in Wonua Morome Village. Many changes have occurred, for example in the past traditional values and religious norms were still upheld, but now with the presence of the Nickel company in this village, several of the younger generation no longer attach importance to these things because of the arrival of the Nickel company. modern culture into the Values of Wonua Morome Village. The following is an interview with one of the informants: "In our village it was rare for women to go out at night to socialize, but now women don't know the time anymore, it's not uncommon for us to leave the house to socialize. come out when we go for a walk." In the evening we meet women

who are hanging out with their friends or boyfriend at night. (Interview result)

Based on the results of interviews with several sources above, we can conclude that the presence of PT Cahaya Metal Modern Industri in Wonua Morome Village has led to cultural acculturation which has been carried out by some of the youth of the Wonua Morome Village community, adopting the culture of another society. The following is my interview with the traditional shop in Wonua Morome village regarding their response regarding cultural contact: "The presence of the company PT. different, which of course will give rise to different social problems. For example, land conflicts because their presence opens up a little space." Settlements around mining areas. The local community protested this. Then came those who came to open a cafe called Karaoke Putra Kajang where there was nightlife." (Interview result)

Based on the results of interviews with the traditional leaders mentioned above, it can be concluded that the presence of PT Cahaya Metal Modern Industri in Wonua Morome Village has had a social impact, including coming into contact with foreign culture which is starting to be embraced by the Wonua Morome community. . which of course will have an impact on the younger generation.

Lack of interest in gardening from local communities

The decline in people's interest in gardening can be seen every month. More and more people are changing professions from farmers/gardens to miners. This was expressed by a local community mine manager or company public relations officer who said: "The number of requests from the community to work as miners is increasing day by day. Applying for Administrative, Field and Mechanical Staff." As public relations for this company, I coordinate with management on questions received from the local community. "I personally often talk to applicants who ask why they want to change careers." Those who submitted applications answered: "Recently my interest in gardening has decreased because the results I get are not enough to cover the family's economic needs. " (interview). The sluggishness in gardening experienced by the community is apparently caused by some of the community's gardens not producing results. Therefore, they feel the need to look for other alternatives so that their family's economic needs, especially food, can be met. The conclusion from the results of interviews with several informants mentioned above shows that people's interest in gardening is decreasing. , since nickel mining by PT Cahaya Metal Modern Industri in Wonua Morome Village.

Economic Impact of Nickel Mining in Wonua Morome Village

Another positive impact of nickel mining in Wonua Morome village is the village's cash income. Prior to mining in the village, the relatively low village income did not have a major impact on the development of Wonua Morome Village. This can be seen from the statement of one informant regarding this matter: "Talking about village cash income before the nickel mining by PT Cahaya Metal Modern Industri in Wonua Morome Village was only enough to finance the village government while for physical development. it's enough." You could say it doesn't exist at all. However, currently the village's cash income after nickel mining can be said to be quite good. This can be seen from several existing physical government buildings, all of which are sourced from village treasury revenues which are also the central government" (interview results). The purpose of the informant's description above is that there was an increase in the cash income of Wonuamorome Village after PT Cahaya Metal Modern Industri carried out nickel mining. In contrast to before nickel mining, village cash income alone was sufficient to finance village government.

Based on the results of interviews with the two informants above,

it can be concluded that the cash income of Wonua Morome village has increased compared to the village income before nickel mining. This can be seen in several physical developments that use village funds.

Family economic income increases

The presence of a nickel mining company in Wonua Morome Village has had an encouraging impact. This can be seen from the increase in the income level of people who work at the company compared to before they started working at the company. This was expressed by one of the informants as follows: "Before I worked at this company, I worked as a bricklayer just to make ends meet, in other words just to meet my food needs." But thank God, "After working at a company, I was able to save some of the income I earned from working at the company after fulfilling some of my household needs" (Interview Results)

Based on the results of interviews with the two informants above, it can be concluded that the presence of a nickel mining and processing company in Wonua Morome Village can increase people's income compared to before they worked in various jobs at the company.

Negative impact

In general, the presence of mining companies in several regions of Indonesia always creates interesting phenomena. This can be seen because there are those who support the company and there are also those who oppose it. Both parties see the impact from their own perspective. However, on the other hand, the government has never acknowledged the advantages and disadvantages of both parties, but only sees that the presence of mining can bring prosperity to the communities concerned. The impact of environmental damage in Wonua Morome Village due to truck activity passing through the village did not have too much of a negative impact even though it was still on a small scale. This is because the residential location is far from the main road where trucks pass so the activity is classified as moderate. This is because some people admit that they are used to truck transportation activities. Noise pollution from trucks in Wonua Morome village. In contrast to the situation in other communities, truck activity is said to be very worrying. This is because residential areas are close to the main road so activity is relatively high. Meanwhile, some households admitted that they were not disturbed because their houses were far from the main road. The explosion and trucks carrying mining materials not only caused commotion for the people of Wonua Morome Village, but also disrupted communication processes, disturbed sleeping activities, and caused cracks in residents' houses due to the vibrations caused.

Industrial waste must be taken seriously by companies. If this continues, the company will experience losses. The residents of Wonua Morome village whose livelihood is farming only hope for harvest results, both long-term, medium and short-term harvests. If system productivity falls, household income automatically falls. A decrease in income causes problems in the household

CONCLUSION

The impacts of nickel mining activities in Wonua Morome Village include positive social impacts: Job Opportunities: 1. The presence of the business world in Wonua Morome Village opens up job opportunities for the local community. 2. With the increase in the level of community education, the presence of companies motivates the community in Wonua Morome Village to continue their education to a higher level, while the negative social form is the presence of cultural contact which can lead

to social conflict. 1. The presence of many businesses in Wonua Morome Village has led to land conflicts between immigrants and local residents. 2. This is not only caused by the community's reduced interest in agriculture, but also because some of the people in Wonua Morome Village have changed professions from farming to working as company employees. Meanwhile, the positive economic impact of nickel mining activities in Wonua Morome Village is an increase in village cash income. 1. The presence of businesses in Wonua Morome Village increases the village's cash income. and 2. increase family income. So that some people can renovate their houses. Meanwhile, the negative form is: Industrial waste which is dangerous for the environment: 1. Industrial waste pollution which is very dangerous to the community's living environment and causes contamination of the community's agricultural land, causing losses. 2. as well as agricultural areas that have changed their function. This reduces farmer productivity.

BIBLIOGRAPHY

- Alimandan. 1989. Prilaku sosial dan perubahan masyarakat, Bumi Aksara. Jakarta.
- Alqadri, Syarif Ibrahim. 1999. Konflik Ethnis di Ambon dan Sambas :Tinjauan Sosiologis, Departemen Pendidikan dan Kebudayaan Tanjung pura. CV Mitra Kasih. Pontianak.
- Basuki, Satrio 2007 Dampak Keberadaan Pertambangan Batu Bara PT. Viktor Dua Tiga Mega Terhadap Kondisi Sosial Ekonomi Masyarakat di Sekitarnya, Studi di Kecamatan Lahei Kabupaten Barito Utara Provinsi Kalimantan Tengah.
- Boediono. 1996. Ekonomi Mikro, Sed Sinopsis No.2. LP. FE. UGM. Yogyakarta.
- Boeke. 1990. Kebutuhan Ekonomi dan Kebutuhan Sosial, Rajawali Press. Jakarta.
- Endaswara, Suwardi. 2003. Metode Penelitian Kebudayaan. Gadja Mada University Press: Yogyakarta.
- Lauer. H. Robert, 1997. Perspektif Tentang Perubahan Sosial, Bina Ilmu. Jakarta
- Moore, Wilbert E. 1973. Social Change. Englewood Cliffs ,: Prentice Hall. (Penerjemah Robert, M.Z. Lawang). PT. Gramedia: Jakarta..
- Nurditha, Oktariani, 2008 Analisis Dampak Kegiatan Pertambangan oleh PT. Inco Terhadap Hak-Hak Ekosob Masyarakat Disekitarnya Dilihat Dari Sisi Instrumen Ham Nasional dan Internasional.
- Paul, Jhonshon, Doyle, 1986. Teori Sosiologi Klasik dan Moderen. Gamedia Pustaka Utama. Jakarta.
- Poloma , Margaret. M. 1987. Sosiologi Kontemporer. Rajawali: Jakarta
- Rizer, George. 1985. Sosiologi Ilmu Pengetahuan Berparadigma Ganda. CVRajawali. Jakarta.
- Roucek dan Warren. 1984. Pengantar Sosiologi. Bina Aksara, Jakarta.
- Salim, Emil. 1995. Pendapatan Masyarakat di Sektor Informal. Bina Ilmu. Jakarta Sastrawijaya. 2000. Dampak Pencemaran Lingkungan. Rineka Cipta. Jakarta.
- Saputra, Yopan. 2013. Dampak Industri Pertambangan Terhadap kehidupan Sosial Ekonomi Masyarakat. (Studi Desa Molore Kecamatan Langgikima Kabupaten Konawe Utara). Skripsi Fisip Unhalu, Kendari. Tidak Dipublikasikan.

- Simanjuntak dan Pasaribu. 1982. Sosiologi Pembangunan. Tarsito: Bandung.
- Soekanto, Soedjono. 1990. Sosiologi Suatu Pengantar. Edisi Ke Empat. Rajawali Press. Jakarta.
- Soemardjan Selo. 1964. Setangkai Bunga Sosiologi. Fakultas Ekonomi UI. Jakarta.
- Suparlan, Parsudi.1999. Konflik Sosial dan Alternatif Pemecahannya. Yayasan Obor Indonesia : Jakarta
- Sugiyono. 2011. Metode Penelitian Kuantitatif. Kualitatif dan R&D. Alfabeta: Bandung.
- Sukirno. 1981. Teori Ekonomi Makro. Gunung Agung Jakarta.
- Susanto, Astrid. 2002, Pengantar Sosiologi dan Perubahan Sosial. Edisi Baru Rineka Cipta, Jakarta
- Syaifuddin, Tohari 2005. Pengantar Ekonomi Armico Bandung
- Syani Abdul, 1994. Sosiologi. Skematika. Teori dan Terapan. Bumi Aksara Jakarta