

IMPLEMENTATION OF ENVIRONMENTALLY FRIENDLY WASTE MANAGEMENT

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The Environment is a gift of God Almighty which must be preserved and developed its abilities so that it can still be a source of life support for humans and other living things for the sake of survival and improvement of the quality of life it self (Dewi, 2021). Problems that occur in the Environment by not enacting laws and commitments to implement them. An act containing a law is still tested by implementation (uitvoering or implementation) and is part of the regulatory chain of environmental management. In formulating environmental policy. The government usually sets the goals to be achieved. Environmental policy is accompanied by follow-up briefings in a way how goal setting can be achieved so that the community adheres to it. Law No. 23 of 1997 on Environmental Management (UUPLH) Underlies Environmental policy in Indonesia, because laws, government regulations and other implementing regulations are instruments of wisdom (instrumenten van beleid). Environmental policy instruments need to be established in environmental legislation and legal certainty and reflect the importance of law for solving environmental problems (Sa'diah, 2021). Environmentally friendly application can be done by returning, recycling, and reducing the use of waste. The application of the Waste Management Revolution leftover from households is very important because there are so many industries, both household and factor industries. So, it is necessary to build a good waste collection system, collaborate with scavengers, have waste processing facilities, and get to know the market for recycled products in this way can manage waste to a minimum (Lokajaya, Indo, & L, 2019). The purpose of this waste management is to find out what factors must be considered in order to be able to manage environmentally friendly to anticipate an environment that smells bad so that it can interfere with a persons's activities.

Waste is a consequence of the activity of human activities. In line with the increase in population and lifestyle, it greatly affects the increase in the volume of waste in the environment (Qamari, 2019). There is also a mention of Garbage is part of something that is not liked and not used that must be disposed of as a result of humans activities. Waste can be in the form of solids, liquids and gases that can be sourced from households, markets, stalls, offices, factories, and roads (Azwar, 1990). According to (Emha, Training Center, 2005), the type and composition of waste in the city consists of organic waste as much as 65%, paper and plastic waste of 10% each, glass and metal of 2% of the total waste produced every day. So far, waste has only been thrown away, without any community contribution to manage it again. And there are also people whose waste is partially burned and if organic waste is dug up close. It turns out that from the contribution in managing such waste is not enough. Moreover, there are also many people who do not implement this so that it can become a bad habit for the community in managing waste in the environment. The community also lacks a sense of care for the environment and is very low in knowledge of the environment as a result of the habit of disposing of waste without sorting

out which organic waste and non-organic waste, not only that the community also has a large part of throwing garbage in the river without knowing the adverse impacts that occur when throwing garbage on the river and the impact of environmental damage in the future.

This action can result in the appearance of an unpleasant and pungent smell when a person is about to pass or carry out activities around the river. Not only that, the impacts that occur are flood disasters that occur every rainy season, reduced availability of clean water, and various kinds of diseases can appear for people living around dirty and smelly environments.

Along with the times, the youth of the nation's generation have knowledge about how to manage waste in order to implement environmentally friendly management. The role of high knowledge, namely as a rescue for land ecosystem, one of which is to transfer knowledge and campaign to the community about effective and correct waste management that can be done by communities that are considered effective. According to research in reducing waste heaps by doing 3R (Reduce, Reuse, and Recycle) which was continued by activities to sort household organic waste into compost. In addition to being able to reduce the volume of waste heaps in the environment and in landfills by sorting organic household waste, it will produce compost that can be used to fertilize land and community cultivated plants that are environmentally friendly. Household compost production can eventually also be an alternative to industrial enterprises that generate economic benefits.

Not only that, people are urged that when they want to dispose of waste, they must first sort out which waste is organic and which is non-organic waste. If without sorting the waste first and there is waste in the form of plastic entering the water and soil, it will increase the level of natural misery. Why is that? Plastic waste is made of inorganic materials. These inorganic materials are very difficult and impossible to decompose by decomposing bacteria. When it is deposited in the soil to decipher it takes millions of years. And if burned it will only become a lump and it takes a long time to unravel it. And do you know the consequences if the plastic waste is buried in the ground for too long and piled up? One, there is global warming that has an impact on human life (Lokajaya, Indo, & L, 2019). And we as the next generation of the nation must have an idea how to process waste that cannot blend such as (cans, plastic), in order to be an alternative industrial business. And with this action, it is possible to minimize the accumulation of waste in the environment. From this effort to be able to make the community aware of the importance of managing and utilizing waste into something of valuable value and in this way it can make the community aware that it can improve the quality of the surrounding environment for the better.

1. Implementation of Environmentally Friendly Waste Management

In my opinion, the application of environmental management is very good if it is realized in the community environment. Because, waste is something that can cause various kinds of diseases. And garbage can also be someone who is in such an uncomfortable environment.

The application of this environmentally friendly waste can be applied as well as what is done by the Sidoarjo Regency Government, where waste handling in Sidoarjo has implemented the German standard Sanitary Landfill system. And it has been traced by the Ambassador from Switzerland that the management of innovations implemented by the Sidoarjo Regency

Government has succeeded in implementing the Waste Management Revolution . Not only that, at the Jabon Landfill , Sidoarjo recycles waste again into "Briquettes" fuel. By managing the waste into Briquettes, it can manage waste processing which is an alternative so that waste handling from upstream to downstream can be handled with an environmentally friendly system. (Dubes Swiss Tertarik dengan Manajemen Pengelolaan Sampah di Sidoarjo yang Ramah Lingkungan, 2022). This application is very good to do because it can minimize waste from community industries.

2. Solutions from People Who Are Less Self-Aware of the Environment

In my opinion, the solution should deepen the knowledge of the importance of the environment to living things. So, if someone deepens their knowledge of the environment, someone knows that we really need a clean and well-maintained environment so that they can enjoy a healthy and clean environment. If, still do not carry it out even though you already understand the knowledge of the environment, then the community provides sanctions or penalties for those who violate it. As is the case "It is forbidden to dispose of garbage in the water, if you throw garbage in the river, you will be fined Rp. 1,000,000". that's what I know among the community.

3. How to effectively sort waste so that it can be recycled

An effective way of sorting garbage is,

- a. By soothng non-organic waste into the crackle
- b. Make the design of the samaph place into two types, namely non-organic and organic. To make it easier to distinguish them.

In this way to more effectively sort out the waste. If you want to use non-organic waste, we can recycle it again, such as taking glass bottles for lamps, taking plastic bottles for ornamental plants and for various crafts, taking egg shells for decoration or crafts, and many more uses of waste. Because some people in Indonesia are more about problems about nature, especially about flooding due to indiscriminate garbage disposal. Human actions that can strengthen as if are able to rule nature so that all living environments have been touched by human life. Enforcement of environmental laws can be done by providing sanctions in the form of administrative sanctions. The advice we can give to the government to further improve in terms of the enforcement of environmental laws in our Country, if what has been published in the Act can be strictly enforced under the basic regulations. For people in Indonesia and especially for all people living in areas that have very little awareness of the environment so that knowledge is needed and can maintain and preserve the environment as regulated in the law. We as citizens of the community should understand and understand more about waste processing and be more aware of environmental cleanliness, especially the environment around the house and around the river. Because the impact of the dirty environment can bring disease to ourselves and the surrounding community, and can give rise to natural disasters such as flooding. For this reason, from now on, let us carry out a healthy lifestyle and not litter.

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