



THE CONCEPT OF CRIME COMMITMENT REGULATIONS IN THE INDUSTRIAL WASTE OF PLANTATION COMPANIES

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ABSTRACT

The issue of industrial waste in the plantation industry has become an urgent concern in efforts to maintain environmental sustainability. This research aims to analyze the policy strategies for combating crimes related to industrial waste in plantation companies. The implementation of policies for managing and addressing crimes related to industrial waste in plantation companies is a crucial factor in mitigating the environmental problems caused by plantation activities. The research methodology employed is normative legal research, which involves analyzing various legal regulations through literature review and normative analysis. This study identifies the legal principles that should form the basis of policies for combating crimes related to industrial waste in the plantation industry. Additionally, the research identifies weaknesses in existing policies and provides recommendations for new strategies that can be implemented, such as strengthening surveillance and law enforcement, active participation of companies and communities, and the adoption of environmentally friendly technologies. This research is expected to contribute to the formulation of more effective policies for combating crimes related to industrial waste in the plantation industry. The research identifies factors influencing policy implementation, such as the awareness and active participation of companies, the role of the government in surveillance and law enforcement, and the involvement of the community in monitoring and reporting violations. The research findings provide an overview of the challenges and obstacles faced in policy implementation and offer recommendations to enhance the effectiveness of implementation in optimizing the management of combating crimes related to industrial waste in plantation companies.

Keywords: Regulatory Concept, Crime Prevention in Industrial Waste, Plantation

ABSTRAK

Permasalahan limbah industri perkebunan menjadi isu yang mendesak dalam upaya menjaga keberlanjutan lingkungan. Penelitian ini bertujuan untuk menganalisis strategi kebijakan penanggulangan kejahatan terkait limbah industri perusahaan perkebunan. Penerapan kebijakan

pengelolaan penanggulangan kejahatan limbah industri perusahaan perkebunan menjadi faktor penting dalam mengatasi permasalahan lingkungan yang diakibatkan oleh aktivitas perkebunan. Metode penelitian yang digunakan adalah penelitian hukum normatif dengan menganalisis berbagai peraturan hukum dengan studi literatur dan analisis normatif, penelitian ini mengidentifikasi prinsip-prinsip hukum yang harus menjadi dasar kebijakan penanggulangan kejahatan limbah industri perkebunan. Selain itu, penelitian ini juga mengidentifikasi kelemahan dalam kebijakan yang ada serta memberikan rekomendasi strategi baru yang dapat diterapkan, seperti penguatan pengawasan dan penegakan hukum, partisipasi aktif perusahaan dan masyarakat, serta penerapan teknologi ramah lingkungan. Penelitian ini diharapkan dapat memberikan sumbangan pemikiran dalam merumuskan kebijakan yang lebih efektif dalam penanggulangan kejahatan limbah industri perkebunan. Penelitian ini mengidentifikasi faktor-faktor yang mempengaruhi penerapan kebijakan, seperti kesadaran dan partisipasi aktif perusahaan, peran pemerintah dalam pengawasan dan penegakan hukum, serta keterlibatan masyarakat dalam pemantauan dan pelaporan pelanggaran. Hasil penelitian ini memberikan gambaran tentang tantangan dan hambatan yang dihadapi dalam penerapan kebijakan serta memberikan rekomendasi untuk meningkatkan efektivitas implementasi dalam mengoptimalkan penerapan kebijakan pengelolaan penanggulangan kejahatan limbah industri perusahaan perkebunan.

Kata Kunci: Konsep Regulasi, Penanggulangan Kejahatan Bidang Limbah Industri Perusahaan, Perkebunan

INTRODUCTION

The waste management policy faced by the plantation company industry, and then the theory of waste management.¹ In general, waste management is better through a flexible systems approach. Putting a waste management system into a societal context involves an integrated strategy for hierarchical structure of waste management. Solid waste itself is defined as non-liquid waste or gas waste. It consists of agricultural and industrial waste, toxic hazardous waste, waste from institutional, residential and commercial areas.² In the case of waste management which is a problem in the plantation company industry, waste usually comes from the plantation company industry and hazardous waste. Waste management is very important because of concern about the direct effects of improper management of public health and environmental pollution.³

Managing and enforcing the plantation company industry requires multiple regulations requiring efficient and capable regulators, as well as good governance practices and regulatory management.⁴ Therefore, it is important to know what is meant by regulatory effectiveness, especially for complex systems such as waste management. Policy implementation is a process that involves changing strategies that are more or less focused as input, with systematic

¹ Candrakirana, R. 2019. Penegakan hukum lingkungan dalam bidang pengelolaan limbah sebagai perwujudan prinsip good environmental governance di kota Surakarta. *Yustisia; Jurnal Hukum*, 4(3), h. 582

² Keraf AS. 2017. *Etika Lingkungan Hidup*. Jakarta: Kompas Media Nusantara. h. 7

³ Zulganef, Aida, Wijaya., & Pratminingsih, Sri Astuti. 2019. "Government Efforts in Managing Plastic Bags". *Public Administration*, 6(II), h. 141

⁴ Dewi, Yusma., & Raharjo, Trisno. 2019. "Aspek Hukum Bahaya Plastik Terhadap Kesehatan dan Lingkungan Serta Solusinya". *Kosmik Hukum*, 19(1), h. 24

characteristics in the process, into several different applications as output.⁵ To achieve the goals of economic, environmental and even social policy requires regulation as an analytical instrument that cannot be handled by a voluntary disposition.⁶ Therefore, regulations must support several principles, such as providing clear and useful goals to achieve their goals, being a strong legal framework and having an empirical basis, as well as being practical and straightforward for users to have excellent performance. In addition, it is important that regulations align with other policies and laws .

There is a secure link between the overall principles of proper regulation and governance due to functional structure will encourage regulators to improve implementation outcomes for society.⁷ This secure connection can lead to efficiency of regulatory activities and improve compliance by making administration and implementation more consistent and predictable. The results of policy implementation depend not only on the characteristics of the instrument but also on the actors involved in the policy process. Primarily, the process is related to their motivation, information, and power over regulation.

At the same time, law enforcement operations can result in significant sanctions affecting plantation companies and NGOs (Non-Governmental Organizations), such as reputational damage to extreme situations of closing plantation companies or loss of human livelihoods..⁸ In short, to find out the extent to which certain regulations are effectively applied to certain target groups, regulatory effectiveness consists of two important parts: framework and enforcement. The framework needs to express certain principles such as clarity of goals and effectively achieve these targets and have a strong legal and empirical basis. Meanwhile, in enforcement, it is necessary to have key characteristics that influence the process (strength, motivation, and information from relevant stakeholders, to be able to implement several regulations successfully.⁹ This framework and enforcement must also be owned by regulations for industrial waste management of plantation companies so that management can make it happen.

In waste management is a waste management policy strategy for most of the plantation company industrial bodies. The many factors that affect the different stages of waste management demand the connection of many actors to allow the whole system to work effectively. Financial sustainability in waste management remains important in the metropolitan plantation company industry.¹⁰ The waste management policy strategy was mainly due to the increase in waste accumulation, which caused a burden on the financial budget of the plantation company industry. In addition, the plantation company industry often faces an imbalance between income and expenses. These financial imbalances include exorbitant prices for waste management facilities, increased transportation costs, disposal options, and the value of land that

⁵ *ibid*, h. 25

⁶ Candrakirana, R. *Op, Cit*, h. 589

⁷ Satyawan, Muhammad Aqly. 2018. *Sistem Pengelolaan limbah Perkotaan (Studi Kasus: Pengembangan Pengelolaan limbah Di Kota Parepare*. Banjarmasin: Universitas Lambung Mangkurat., h. 11

⁸ Candrakirana, R., *Op, Cit*, h. 588

⁹ Tanjung, Ni Putu Pranasari., & Wibisana, Muhammad Wiman. 2020. "Politik Hukum Penanganan Limbah Plastik Sekali Pakai". *Jurnal Magister Hukum Udayana*, 9(1), h, 211

¹⁰ *ibid*, h. 215

is close to the center of the plantation company industry which results in further distances to disposal sites. In noting that financial sustainability is critical for formal systems and strategies to remain affordable and cost effective for waste management. An additional factor from the managerial aspect was also taken into account, namely the lack of organizational capacity and the complexity of the problems to deal with their waste management system.

Based on the description of the background, problems arise which the author will analyze. What is the policy strategy for crime prevention in the field of plantation company industrial waste? and How is the Implementation of the Management Policy for Combating Crime in the Industrial Waste Industry of Plantation Companies?

RESEARCH METHOD

The normative legal research method is a research approach that focuses on the analysis of applicable laws and regulations. In the context of crime prevention policy issues in the plantation company industrial waste sector, normative legal research is carried out by conducting a review of various legal regulations related to crime prevention in the plantation company industrial waste sector. This analysis of the literature will help to understand the existing legal framework, the objectives of existing policies, and the legal tools that can be used to address these issues. Normative research in this study analyzes existing legal regulations by identifying the norms contained therein. These norms include legal principles, company obligations, and sanctions that can be applied in cases of violations of industrial plantation waste. Normative analysis will help identify weaknesses in existing policies and evaluate whether they are effective enough to overcome these problems.

DISCUSSIONS

The concept of a policy strategy for crime prevention in the field of plantation company industrial waste

Targeted governments and actors often exercise their power over one another before implementation takes place. Policy implementation is measured by the motivation, information, and power of the actors.¹¹ Motivation works if the policy instrument contributes to the executor's motives and the interests of the target actor, to what extent the application fulfills both of these things. Information, because the amount and quality of information available to members of the target group will increase the success rate of policy implementation.¹²

The distribution of power that comes from sources is also important to see the extent to which these strengths produce results. implementation aspects differ regarding whether there is implementation and whether the process is sufficient for individual policy actions.¹³ The effectiveness of regulation is not primarily due to the mandatory rules written in it, but it is due

¹¹ Anam, K., *Op. Cit.* h. 167

¹² Widyatmoko, & Moerdjoko, S. Menghindari, 2018, *Mengolah dan Menyingkirkan Limbah*. Jakarta: Abadi Tandur, h. 72

¹³ Dhokikah, Y. dan Dewi, J. 2017. "Studi Ketersediaan Prasarana Air Bersih dan Sanitasi di Permukiman Padat Kota Jember". *Jurnal Purifikasi*. 8(2), h. 165

to the influence of outcomes by balancing benefits and incentives. Furthermore, regulation also becomes operative.¹⁴ if any communication is given in the implementation as it often leads to some agreements and compromises being made. It is important to pursue the more basic context of the effectiveness of legal instruments while also seeking new approaches to implementing regulations. Enforcement is also important to ensure the compliance of the actors in the regulation and get the public benefits provided by the regulation.¹⁵

In a technical waste management strategy, factors such as inadequate technology and infrastructure, inadequate roads and vehicles, and inadequate data are available. affect waste management in the plantation company Industry and lead to poor management of the whole system. Government Industrial plantation companies are also unlikely to have good cooperation with citizens, with negative behavior for example, illegal dumping, misuse of waste containers, and resistance to waste service fees.¹⁶ They also tend to have problems with private plantation companies and are often bribed by these plantation companies. Many formal sectors are also not ready with monitoring systems to monitor daily activities. and resistance to waste service charges occur.¹⁷ They also tend to have problems with private plantation companies and are often bribed by these plantation companies. Many formal sectors are also not ready with monitoring systems to monitor daily activities and resistance to waste service fees. They also tend to have problems with private plantation companies and are often bribed by these plantation companies. Many formal sectors are also not ready with monitoring systems to monitor daily activities.¹⁸

Other waste management policy strategies also come from the situation of residents for waste management. In the author's opinion, there are several related issues, such as increasing urbanization, causing socio-economic disparities.¹⁹ This inequality causes other problems such as inadequate provision of sanitation and environmental facilities, social exclusion, and existing inequalities in waste management. As a result, it has an impact on the motivation of residents towards the development of waste management.²⁰ In addition, the rapid growth of settlements in several industrial plantation companies has led to extreme commercial and residential land planning. This problem is caused by inefficient waste management infrastructure policies and waste management services due to an inadequate institutional structure

The local cultural and social context also shapes community behavior patterns and attitudes towards waste management in the plantation company industry. Community awareness and attitudes have an impact on all indicators of the success or failure of waste management systems ranging from industrial storage in plantation companies and waste segregation systems

¹⁴ *ibid.* h, 166

¹⁵ Usman, Said, 2016, "Strategi Pengelolaan limbah Industri perusahaan perkebunan di Kota tarakan Kalimantan Utara", *Jurnal Ekonomi Pembangunan*, 5(3), h. 87

¹⁶ Kurniaty, Y., Nararaya, W.H.B., Turawan, R.N. and Nurmuhamad, F.*Op. Cit.* h. 145

¹⁷ *ibid.* h. 147

¹⁸ Aneta, A. 2019. "Implementasi Kebijakan Program Penanggulangan Kemiskinan di Perkotaan".*Jurnal Administrasi Publik*. 1 (1), h. 128

¹⁹ Mardikato & Soebianto. 2019, *Pemberdayaan Masyarakat Dalam Perspektif kebijakan Publik* Bandung: Alfabeta; h. 57

²⁰ *ibid.* h. 61

to the need to reduce waste generation. The need for policies to strengthen waste regulations may be limited by the culture in each of these areas as waste management work is not valued in their communities.²¹

Cultural context influences willingness to pay for waste management services, collection and recycling service requests. The crucial problem with waste management is that the system cannot function optimally or be adequately maintained without the cooperation of the public.²² In short, Standard waste management practices in the plantation company industry are insufficient based on the waste management policy strategy and complexity. This inability is also possible in Indonesia and its metropolitan plantation industry. Therefore, changing the system into a circular and circular system will be difficult and requires a good strategy.

Implementation of the Management Policy for Combating Crime in the Industrial Waste Industry of Plantation Companies

Solid waste management Observations on the waste management policy strategy for waste management in the plantation company industry indicate the need for waste management. Solid waste management must not only be highly prioritized, but also go beyond the technical aspects of waste management and integrate several important factors for sustainability. focused on the optimal use of multiple products that produce a minimum of waste.²³ Two practices that are favored in waste management and waste hierarchy are waste reduction and waste segregation. These two elements affect the overall outcome of the waste management process. It also emphasizes the need for society to change production and consumption methods so that they can reuse post-consumer materials that can become waste. As a result, the elements introduced to the exhaust and material disposal systems, are the fewest management options.

Waste management practices involve making strategic, tactical and operational decisions, with the selection of waste treatment sites and waste disposal sites, capacity expansion strategies for allocating transformation facilities and waste disposal sites, zoning of services and collection day requirements in each zone.²⁴ Waste management also affects social and economic sectors. The plantation company industry-The plantation company industry can benefit from excellent waste management. For example, citizens can benefit from improved public health conditions (with easier access to clean water and air quality) and poverty alleviation.²⁵

Despite its great advantages, it is very challenging for the plantation company-Industry to achieve waste management, as they need sufficiently qualified staff to manage waste. Therefore, they need to invest in capacity building of workers and involve multiple partners at various

²¹ Qomariyah, S.L., 2018. *Strategies Used By The High And Low Writing Ability Students To Develop Writing Skill At Muhammadiyah University Of Surakarta*, Doctoral dissertation, Universitas Muhammadiyah Surakarta. h. 128

²² Aneta, A. *Op, Cit*, h. 129

²³ Gerrig, John. 2017. *Case Study Research*. Cambridge: University Press, h. 98

²⁴ Usman, Said 2016, Strategi Pengelolaan limbah Industri perusahaan perkebunan di Kota tarakan Kalimantan Utara, Jurnal Ekonomi Pembangunan, 5(3), h. 87

²⁵ Fox, William. 2020. *Strategic Option for Urban Infrastructure Management*. Washington D.C: Urban Management Programme. h. 88

levels.²⁶ In conclusion, with the waste management policy strategy and the complexity of waste management in the plantation company industry, waste management needs to achieve waste management targets, not only environmental but also social and economic criteria. eco-friendly waste may offer a conceptual framework for achieving such waste management.²⁷ Therefore, presenting the integration of environmentally friendly waste in waste management through the concept of waste management not only environmental but also social and economic criteria. Eco-Waste may offer a conceptual framework for achieving that waste management.

In the integration of environmentally friendly waste in waste management through the concept of waste management not only environmental but also social and economic criteria. eco-friendly waste may offer a conceptual framework for achieving such waste management. Therefore, in the integration of environmentally friendly waste in waste management through the concept of waste management.²⁸ In order to incorporate eco-friendly waste initiatives in waste management, an advanced approach to waste management in the plantation company industry is needed, which allows the concept to be integrated into the Henceforth, to have an excellent system that is in line with the principles of environmentally friendly waste and suitable for the plantation company industry, this waste management concept is important. The concept of waste management is a framework developed which is suitable for the plantation company Industry. It aims to address the problem of waste management in low-income locations and view waste as an opportunity to create income, which is different from conventional waste management perceptions. This concept highlights the problem of waste management starting from people's perceptions, attitudes and behavior towards waste. Also,

Stakeholders have diverse roles, interests and responsibilities in terms of waste management. Industrial plantation companies participate in activities related to recycling and reuse. These could be people from the informal sector, such as scavengers and waste buyers. Formal stakeholders are the most important actors in waste management as they establish the rules, policies and conditions for the waste management system of a given area.²⁹ However, community participation is essential for the recycling process because this step can only truly unleash its potential when citizens participate actively in the campaign, are aware of the problem, and have adequate information and knowledge about solid waste recycling. Second, waste management defines the waste system element as the flow of material from processing to final disposal and divides the stages as 'collection,' 'transfer,' 'disposal or treatment,' while equally important for waste reduction, recycling, and reuse.³⁰ Important principles for proper solid waste management with the addition of eco-friendly waste-based initiatives, such as closing loops, recycling new products and nutrients, by avoiding waste and pursuing high reuse rates, and organic recovery.³¹

²⁶ Widyatmoko, & Moerdjoko, S. Menghindari, *Op, Cit*, h. 75

²⁷ Usman, Said, *Op, Cit*, h. 88

²⁸ Fiona, Nunan and David Satterwaite. 2018. "The Influence of Governance On The Provision of Urban Environmental Infrastructure and Services for Low-Income Groups." *International Planning Studies*, 6(5), h. 413

²⁹ Kodoatie, Robert J. 2019. *Pengantar Manajemen Infrastruktur*. Yogyakarta: Pustaka Pelajar, h. 61

³⁰ *ibid.* h. 66

³¹ Pratiwi, Sulistya Rini, & Usman, Said. 2015. Analisis Kelayakan Usaha Proses Pengelolaan limbah Industri

There are several factors influencing the elements of the sewage system, factors such as limited knowledge of waste management technologies and practices hinder the development of waste segregation. In addition, the lack of equipment for collecting sorted materials and making proper decisions on environmental matters also decreases the efficiency of waste separation.³² As for collection and transport, matters such as road planning, time and schedule for waste collection, infrastructure and arrangements for the informal sector influence the whole process. Treatment is largely influenced by knowledge of the treatment system, suitable infrastructure, and availability of local knowledge to address waste management issues.

CONCLUSION

The concept of crime prevention policies in waste management in the plantation company industry needs to transform current waste management practices into waste and circular value chains are urgently needed. However, various challenges complicate this issue, identified from financial, social, environmental and governance. Financial challenges indicate the absence of financial sustainability in the waste management system. Currently the system does not have the budget to cover all costs of waste management and maintenance of the new facility. Also, the income from waste management is too low, and indeed there is no reimbursement mechanism in the business sector.

There is seriousness and awareness from both the government and the community because it seems to be focused on financial aspects such as the temporary budget for waste management cannot balance income and expenses from waste management. From the socio-cultural aspect, there has been an increase in public awareness and participation through environmental issues such as plastic pollution to coastal areas. Many residents, today, are fighting the problem through the "No Straw Movement", switching straw from plastic to more reusable materials such as bamboo or stainless steel. Despite awareness of the plastics problem, public awareness is still low, looking through waste segregation practices and how rarely individuals reuse their products. Moreover, residents are still reluctant to spend money on waste management services, such as paying higher waste management fees and reusing everyday items.

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³² *ibid*, h, 136

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