



Implementation of the Green Economy in the Context of the 2025 Clean Waste Bantul Movement (Bantul Bersama)

Mahrus Lutfi Adi Kurniawan^{1*}, Suropto²
Universitas Ahmad Dahlan

ABSTRACT: Green Economy or green economy is an economic idea that aims to improve the welfare and social equality of the community, while reducing the risk of environmental damage significantly. So far, the economic aspect is more dominant than the environmental aspect so that environmental sustainability is not maintained and produces negative effects/externalities that can harm residents in the surrounding environment. Environmental damage is a full concern for economists, giving rise to the concept of a green economy or better known as a green economy.

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Corresponding Author: mahrus.kurniawan@ep.uad.ac.id

INTRODUCTION

This service carries the title of optimizing the green economy of the people of Gadingharjo, Donotirto, Kretek villages in the success of the Bantul clean waste movement in 2025 (Bantul Bersama). Green Economy or green economy is an economic idea that aims to improve the welfare and social equality of the community, while reducing the risk of environmental damage significantly. So far, the economic aspect is more dominant than the environmental aspect so that environmental sustainability is not maintained and produces negative effects/externalities that can harm residents in the surrounding environment. Environmental damage is a full concern for economists, giving rise to the concept of a green economy or better known as a green economy.

Based on the Ministry of Energy and Mineral Resources of the Republic of Indonesia, this green economy can also be interpreted as an economy that is low or does not produce carbon dioxide emissions to the environment, saves natural resources and is socially equitable. Optimizing the application of the green economy can be done through the smallest environment, such as households. Households in a circular economy play a very important role, including the implementation of a green economy. The output of this service is in the form of scientific articles sent to journals and seminars. Other expected outcomes are articles in the mass media and the ability of partners to be more empowered.

Optimizing the application of the green economy can be done through the smallest environment, such as households. Households in a circular economy play a very important role, including the implementation of a green economy. The role of households in the green economy considering that in Jakarta the average individual waste produced is 1 kg. With a population of more than 220 million people in Indonesia, it can produce 220 million kg of waste every day. This can produce carbon dioxide emissions to the environment that can disrupt the welfare of the community. Service activities were carried out in Gadingharjo, Donotirto, Kretek, Bantul Regency. The selection of the object of service is based on that the village a) is a village that supports tourism activities on Parangtritis Beach; b) areas which are densely populated; c) villagers have a home industry; d) the success of Perbup Number 156 of 2018 concerning Regional Policies and Strategies for the Management of Household Waste and Types of Household Waste in Bantul Regency and Regional Regulation Number 6 of 2021 concerning RPJMD of Bantul Regency in 2021-2026; and e) the success of the BANTUL BERSAMA movement, namely the Bantul Clean Garbage movement in 2025. By looking at the current opportunities, the team will carry out community service activities to socialize and practice as an effort to optimize the green economy through households in Gadingharjo Hamlet to make the Bantul Clean Movement a success. Waste Year 2025.

IMPLEMENTATION AND METHOD

To achieve the expected goals, it is carried out by empowering the community through an outreach program on optimizing the green economy for the people of Gadingharjo, Donotirto, Kretek villages in the success of the Bantul clean waste movement in 2025 (Bantul Bersama).

Table 1. Implementation and Method

| No | Method | Activity | Date | Place |
|----|------------|---|----------------|---------------------|
| 1 | Permits | Asking permission from the head of the Gadingharjo hamlet, Donotirto, Kretek | March 3, 2022 | hamlet head's house |
| 2 | Counseling | Counseling on optimizing the green economy for the people of Gadingharjo, Donotirto, Kretek villages in the success of the Bantul clean waste movement in 2025 (Bantul Bersama) | March 19, 2022 | hamlet head's house |

RESULT AND DISCUSSION

Indonesia is one of the countries affected by the presence of Covid-19. The Indonesian government itself has given appeals to the community in overcoming this epidemic so that it runs effectively and efficiently (Buana, 2017). The COVID-19 pandemic has not only had a significant impact on increasing the volume of waste. The increase in the volume of waste has occurred massively throughout Indonesia, including in Bantul Regency, this can be seen from the prediction from the DIY Provincial Environmental Service which stated that the landfill in Piyungan could stop operating in 2022 because the level of waste volume was very worrying.

The volume of regency/city waste in 2021 entering the Piyungan TPA is 800 tons/day. The volume of Bantul Regency waste that goes to the Piyungan TPA is 180 tons/day. Based on Law No. 18 of 2008 concerning Waste Management that waste is a shared responsibility, both the government and the community, everyone in the management of household waste and waste similar to household waste is obliged to reduce and handle waste in an environmentally sound manner. Poor waste management can result in:

1. Health impacts, Potential to cause health hazards, such as: Diarrhea, typhoid, cholera, fungal diseases, intestinal worms, etc.
2. Environmental Impact, potentially causing flooding. In addition, liquid waste that is around waterways will cause unpleasant odors.
3. Socio-Economic Impacts, increasing health costs due to disease, Unclean environmental conditions due to improper waste handling. This will ultimately have an impact on the social life of society as a whole.

Therefore, providing counseling to the people of Gadingharjo, Donotirto, Kretek villages can increase awareness to reduce the volume of waste through households and to make the Bantul clean waste movement a success in 2025 (Bantul Bersama). Overall, the implementation of the activity went smoothly, all participants actively participated in the counseling and were eager to start changing their behavior to be more useful. The type of counseling carried out is quite easy to understand by the village community with the target of PKK women, so that it can be accepted and carried out in their daily lives.

This community service activity was carried out on March 19, 2022 with participants from the village area of Gadingharjo, Donotirto, Kretek, Bantul. The implementation of the activity is counseling on Optimizing the green economy of the people of Gadingharjo, Donotirto, Kretek villages in the success of the Bantul clean-waste movement in 2025 (Bantul Bersama).

No one thought that the Covid-19 pandemic would lead to the threat of a multidimensional crisis. Problems that originate in the health sector extend to environmental conditions. There is no choice, but to move together to anticipate the impacts arising from the pandemic. The impact that appears on the environment is none other than a drastic increase in the volume of waste, changes in consumption patterns during the pandemic and the use of disposable masks encourages an increase in the volume of waste. Counseling also emphasizes the decomposition of organic and non-organic waste, this is done because the handling of the two wastes is different. The presentation of the material was also emphasized on sorting waste and reusable items such as old clothes that can be used for floor mops, bottles or cans that can be used as flower pots, etc. The community participated in the extension activities enthusiastically, this was evidenced by the emergence of questions from participants regarding the extension material.

CONCLUSION AND RECOMMENDATION

Community service activities in Gadingharjo, Donotirto, Kretek can run well and smoothly of course by adhering to health protocols. Participants are enthusiastic and can work well together. The method used is very effective. It is hoped that there will be an increase in public knowledge regarding waste management. Suggestions that can be given to the community are to always pay special attention to handling waste by sorting waste through households, being

wise in using items that have been used. Both of these can significantly reduce the volume of waste through households.

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