



## **Serang City Environment Community Education About Garbage Banks and Making Garbage Disposal**

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### **Abstrak**

Kegiatan ini didasarkan atas banyaknya limbah yang ada dimasyarakat khususnya kawasan perkotaan baik limbah yang sifatnya dari industri maupun limbah yang berasal dari rumah tangga. Adapun tujuan kegiatan ini antara lain memberika pendidikan bagi masyarakat akan pentingnya mengatur limbah agar dapat bernilai guna sehingga dapat menambah perekonomian rumah tangga. Metode yang dilakukan pada kegiatan ini adalah tatap muka dan berbagi pengalaman. Hasil yang dicapai diantaranya meningkatnya pemahaman warga binaan terkait limbah dan tata kelonya dimasa mendatang.

**Kata kunci:** *Limbah, Rumah Tangga, Ekonomi*

### **Abstract**

*This activity is based on the large amount of waste in the community, especially in urban areas, both industrial waste and household waste. The purpose of this activity is to provide education to the community on the importance of managing waste so that it can be useful so that it can increase the household economy. The method used in this activity is face-to-face and sharing experiences. The results achieved include increased understanding of residents regarding waste and its management in the future.*

**Keywords:** *Waste, Household, Economy*

### **Introduction**

Waste that is not managed properly can pollute the environment and disrupt its appearance. Disposal of waste in open areas or littering will pollute the soil and groundwater channels, and burning waste will pollute the air. Production and consumption activities in the community have increased as a result of economic and population growth. This causes the amount, type, and diversity of waste piles to increase.

Reducing the amount and nature of waste produced is the best way to overcome the waste problem. However, the human desire for a better standard of living has led to increased consumption and waste levels. Serang City is one of the cities and the provincial capital in Banten Province, Indonesia, according to Wikipedia. The city is located in the northwest of Banten Province. Serang Regency is located to the south, west, and east, and the Java Sea is located to the north. Serang City is located in the



Serang Raya metropolitan area and is connected by the Jakarta-Merak Toll Road and the Merak-Tanah Abang Railway Line. Its position as the capital of Banten Province has a significant impact on the economic and social growth of the city, with negative consequences such as population explosion.

To ensure that garbage has added value, can be reused, and does not pollute the environment, it needs to be managed. Waste management must be carried out from the start to reduce the waste problem. Controlling the source of waste is essential to reduce the amount of waste that must be managed. It is hoped that the community's paradigm about waste will change with the implementation of a community-based waste management system and the 3R concept, which means reduce, rejuvenate, and reduce.

People in the community must be responsible for waste management. Everyone must be educated about the importance of managing waste for environmental sustainability and added value. Therefore, to maintain the sustainability of community life and increase the value of products derived from waste materials, community participation in maintaining environmental conditions is very important. The negative impacts of littering must also be a concern for the community.

The objectives of waste education for the community include:

1. Environmental Awareness: Increasing understanding of the impact of waste on the environment and health.
2. Waste Reduction: Encouraging waste reduction, reuse, and recycling practices
3. Behavioral Change: Changing community habits in waste management, such as disposing of waste in its place.
4. Community Participation: Building active participation in waste management programs at the local level.
5. Continuing Education: Providing ongoing knowledge about effective waste management techniques and practices.
6. Public Health: Reducing the risk of disease caused by poorly managed waste.

With proper education, it is hoped that the community can be more responsible in waste management.

### Implementation Method

Place and timing This implementation will be held on August 7, 2024 at Jl. Kiuju Kaujon Kidul RT 03 RW 03 Kec. Serang Banten, held at a resident's house with the following coordinates:

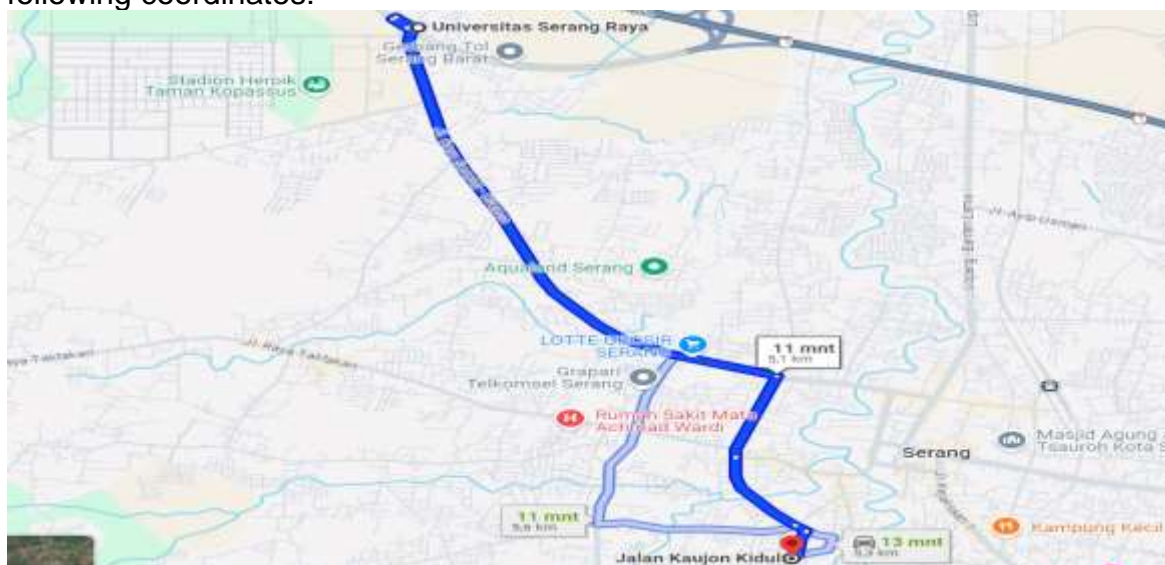


Figure 1. Location

The service location point is 5.1 km away from Serang Raya University. The service partners, who are housewives and city communities, are focused on household waste management and have received training in making trash bins. They feel that there are still not enough trash bins in the household environment. The service method used in waste management education as the basis for making this trash bin uses a qualitative research method through collection, with the benchmark for success in this activity being that the community becomes more concerned about the importance of orderly waste disposal for the local environment. There are several stages involved in implementing the activity.

### Result and Discussion

#### 1. Activity planning stage:

- a. Initial discussion
- b. Making commitments and mutual agreements between the team and the target audience
- c. formulating problems.

#### 2. Implementation stage:

- a. Making brochures and posters regarding waste processing.
- b. Counseling by presenting experts from the organic waste processing group

3. The evaluation stage includes the distribution of brochures and posters that have been agreed upon in various community groups and the distribution of organic and inorganic trash bins.



Figure 2. Activity

### Conclusion

A study conducted in Kaujon, Serang City, showed that the community is not sufficiently educated about the importance of disposing of waste properly and correctly. The creation of trash bins in Serang City is an important step toward a clean and healthy environment. Trash bins help in efficient waste management, reduce

environmental pollution, and increase public awareness of the importance of maintaining cleanliness. The presence of trash bins helps achieve the goal of a cleaner and healthier environment for all residents.

In order for this operation to be sustainable, the next stage requires additional evaluation and support from local village officials. This community service activity is expected to help the community, especially in Kaujon, Serang City, create an environmentally conscious environment by disposing of waste in its place. This will make the environment clean and healthy, especially for the people of Serang City. With these trash bins, the community can also manage waste properly, which will result in sustainable economic circulation.

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