



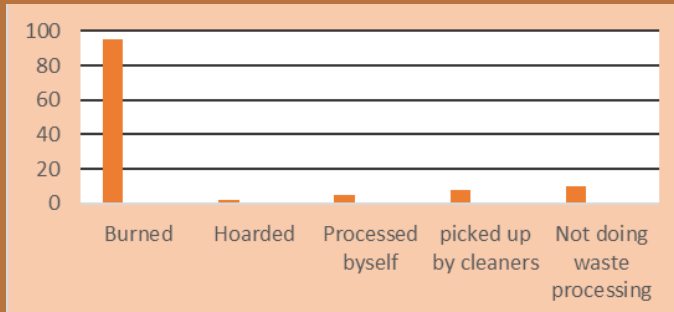
SOCIALIZATION OF HOUSEHOLD PLASTIC WASTE MANAGEMENT USING THE ECO BRICK (PATRICK) METHOD IN BUKIT RAYA VILLAGE, SEPAKU SUB-DISTRICT, NORTH PETAJAM PASER DISTRICT, EAST KALIMANTAN

Bachelor Degree in Public Health: Public Health Mulawarman University, Samarinda, East Kalimantan, Indonesia, 75123

Rizki Dwi Saputri, Bellinda Adelina Butar Butar, Blego Sedionoto

bellindabutarbutar@gmail.com, blegosedionoto@fkm.unmul.co.id

1. Introduction



Waste Volume
18.186.684,29
(tonnes/year)

*Based data from the regions compiled by the Ministry of Environment and Forestry in 2021.

- The data found in Bukit Raya Village, people often burn waste as many 79.2% or 95 respondent from 120 respondent. Meanwhile, burning waste can damage the environment.
- Not doing waste management with a percentage of 8.3% or 10 respondents.
- Only 6.7% or 8 respondents collected the waste.
- This program aims to empower the RT 1-13, PKK, and Kader communities in making eco brick from plastic waste, the community can understand the 3R (Reuse, Reduce and Recycle) method in the household and reduce household plastic waste

2. Methods

The method used in this program is recycling plastic bottles using the eco brick technique by carrying out 3 stages, namely the questionnaire data collection stage, socialization, education (counseling), and monitoring.

3. Results

In the PATRICK program, female cadres, PKK women, and heads of RT 1-13 were able to make eco-bricks independently and succeeded in collecting 19 eco-bricks and 1 flower pot creation from combining several eco-bricks.

4. Discussion

SOCIALIZATION OF HOUSEHOLD PLASTIC WASTE MANAGEMENT USING THE ECO BRICK (PATRICK) is a training and empowerment program for the community around Bukit Raya Village in processing dry waste, especially plastic waste.

5. Conclusion

This program is useful for reducing plastic waste and increasing people's creativity to produce other useful goods



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