

3R GOOD PRACTICES IMPLEMENTED BY NGOs/CBOs



3R Good Practices in Indonesia

NGO /CBO	Paguyuban Sukunan Bersemi
Activity	Integrated Waste Management at Kampung Sukunan, Sleman, Yogyakarta
OUTLINE OF 3R GOOD PRACTICES	
Keywords	Solid waste, Organic waste,
Country	Indonesia
Area Implemented	Sukunan
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Waste Sector	Inorganic and Organic Waste
3R Practice	Composting, Handicraft from used material
Website / Data Source	Not Available

OVERVIEW OF PRACTICES

Introduction

Paguyuban Sukunan Bersemi is a community group formed in 2004 for implementing integrated waste management system. With the technical support from Environmental Health Major Poltekkes Yogyakarta and financial support from Monash University, Australia, this group works on the solid waste management system in Sleman, Yogyakarta. The group involves 4 trainees and 36 volunteers which consists of several working units such as handycraft unit, composting unit, styrofoam recycling unit, waste sale unit, and independent waste management training and education unit.

3R Good Practice

Processing of waste collected in Sukunan is carried out in three different ways based on the type of waste; organic and inorganic, recyclable waste. The organic fraction of waste like vegetable waste from kitchen is composted and the compost produced is sold as fertilizer. Inorganic waste is segregated as glass and metal, paper, and plastics. Thus the segregated waste collected in 3 bags from each house and transferred to the storage drum located near their house. The waste disposed into the drum is transferred to publically owned waste storage unit every week. When the storage is full, the waste is sold to waste collectors by the waste management officers. The revenue obtained is used to pay the transporters and the rest goes to the village fund.

The waste like styrofoam is used in brick making and pot manufacturing mixtures. Plastics that contains aluminium foil, is used to make variety of handycraft products. About 70% of revenue obtained from these activity is given to the manufacturers, 25% is given to material and 5% for other funds. Organic waste such as waste leaves and branches in gardens is collected in a compost basin belonging to the village for composting. The compost produced is then sold and the revenue goes to the village funds.

Outcome of Practice

- Revenue from selling the recycled products and compost goes to the village funds from which the operational cost and facility maintenance is covered.
- A national level First Champion award for Creative Recycling was given to this organization for the initiative on waste management in 2004.

Significant results was evident on the initiative taken to minimize waste at source. From the total waste only 10% was disposed in the dumpsite and remaining 90% are recyclables converted to compost and other saleable recycled products.



Different type of composting bins



Bins to separate inorganic domestic waste



Drums for temporary inorganic waste containers



Compost bin for organic waste



Handicraft from mineral water and beverage packaging



Handicraft products