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[Home](#) / [Archives](#) / [Vol. 63 No. 5 \(2020\)](#) / [Articles](#)

Waste Management to Produce Fuel Renewable Energy for Economic Support on The MSMEs and Public People

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Abstract

waste is very difficult to decompose with a decomposition period of up to hundreds of years, causing global problems faced by all regions, even all countries. Garbage can be in the form of solid, liquid, and gas, where the waste comes from households, markets, shops, offices, and factories. related to the waste identified in residential areas, especially many MSMEs, including an increase in the volume of waste along with an increase in population, the habit of people disposing of waste without segregation, and the role of the community in waste management, which is mostly still limited to the management system. In this study, technology is offered that can provide a solution to these problems in the form of a waste distillation, where this tool can convert plastic waste into fuel oil by combustion methods and provides analytical methods regarding energy effectiveness and good results of renewable energy in the form of fuel or analysis. economically. The analytical method used in this study is multiple regression analysis with multiple correlations in the form of Statistics Coeff Outs R ANOVA, for 12 consecutive months. Initially, the researchers obtained the types of waste from 145 MSMEs in each village that was officially registered. However, in this research, cluster sampling was divided into 15 clusters to produce fuel oil through a distillation process to produce energy to support MSMEs.

Keywords-Waste Management, Plastic waste, MSMEs and Public People



Issue

[Vol. 63 No. 5 \(2020\)](#)

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- 5 SICK?** Call ahead

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