

ABSTRACT

This study takes the phenomenon of waste processing in the Mulyo Agung Garbage Bank. The problem that occurs is the buildup caused by garbage not being channeled properly to collectors. The solution to reduce waste has been done by processing waste into handicraft products. The processed waste comes from residual waste that is still in good condition. However, the process of producing waste into handicraft products is currently not optimal enough to absorb existing materials with the processing techniques currently being carried out. From the observation of the phenomenon of waste processing, there is potential in applying a method to process plastic materials optimally. The upcycling method is a method that can be used to optimize material processing. The upcycling method has various techniques that can be used, but in its application at the Mulyo Agung Waste Bank location, proper processing techniques are needed with the availability of materials and tools that can be used. So that the upcycling method can be applied properly with the availability of existing resources. In carrying out the implementation, case study approaches, trials and exploration processes are carried out to obtain samples to be implemented. With the implementation of the upcycling method, it is hoped that the Mulyo Agung Garbage Bank can develop processed plastic products into more innovative handicraft products.

Keywords : Plastic, Upcycling, Waste Bank