

ABSTRACT

Indonesia is the second largest waste producing country after China. Indonesia is also ranked 6th in Southeast Asia with an average of 9kg of waste per person quoted from minderoo foundation (2021). Plastic waste is a very difficult waste to decompose that takes hundreds of years. In Jakarta itself there are regulations governing the use of single-use plastics and replacing them with reusable products such as cloth shopping bags, a set of stainless cutlery, and also a drinking bottle to accommodate drinks in cafes. There are some people who successfully develop plastic waste into ready-made products such as bricks made from plastic waste for building materials, sinks, and many more. The plastic used also uses HDPE (High Density Polyethylene) plastic that has properties that are easily melted and also stronger than the type of PET plastic (Polyethylene Terephthalate) which is easy to burn when melted. By following current trends, many people are turning to outdoor activities such as hiking, trekking, camping, the author plans to design the concept of folding stool to support outdoor needs. This plan aims at the development of existing products in the market.

Keywords: Folding Stool, Plastic Waste, Recycled