

Re-TeXBoard: Interior Element Product Creativity from Fast Fashion Recycle Materials in the Context of Circular Economy Development

Yusita Kusumarini ^a, Andreas Pandu Setiawan ^a, Ricky

^aPetra Christian University, Surabaya, Indonesia

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ABSTRACT

The Circular Economy concept has been adopted into the development vision and strategy in Indonesia 2045. The implementation of the circular economy concept by the Government of Indonesia began through collaboration with the United Nations Development Program (UNDP). An analysis of the economic and social environmental potential that has been carried out with the support of the Danish government determines the application of a circular economy in Indonesia in 5 (five) industrial sectors, namely food and beverage, construction, electronics, textiles and plastics. the study was continued with development stages, such as compiling a National Action Plan and incorporating a circular economy into the upcoming 2025-2029 National Medium Term Development Plan (RPJMN). Current practices in all five sectors are inefficient and generate large amounts of waste. Mainly the textile sector. Therefore, waste is currently around 2.3 million tonnes and is projected to increase by 70% in 2030. Therefore this research focuses on the textile sector. The most important thing in the movement towards a circular economy is to slow the depletion of scarce natural resources, reduce environmental damage from the extraction and processing of pure materials, and reduce pollution from the processing, use and end-of-life of materials. The main strategy for achieving this is through increasing the efficiency and productivity of resource use and reducing the amount of material wasted.

Keywords: Interior Product, Fast Fashion Recycle, Circular Economy.