

# **“POTENTIAL OF CIRCULAR ECONOMY IMPLEMENTATION IN MANAGING PLASTIC WASTE IN KABUPATEN BENGKALIS”**

Name of Student : Hasima  
Student ID Number : 5404191223  
Advisor : Hutomo Atman Maulana., S.Pd., M.SI

## **ABSTRACT**

Plastic is a material that has several advantages because it is practical and more efficient. However, on the other hand, plastic can also cause environmental problems. The problem faced by Kabupaten Bengkalis is the amount of waste, especially plastic waste, which continues to increase and causes accumulation in final processing sites (TPA) and temporary shelters (TPS). This research aims to determine the implementation of a circular economy in plastic waste management. The most effective waste management model for the management of plastic waste in a circular economy. The obstacles in the management of plastic waste in the circular economy. The solutions that can be used to manage plastic waste in the circular economy. This research uses a qualitative research method with a descriptive data assessment. In this research, the data collection techniques are interviews, observation, and visual image techniques. The result of this research is that the manifestation of a circular economy with the 5R principle (Reduce, Reuse, Recycle, Recovery, and Revalue) still requires time and a gradual process. This is related to the behavior and mindset of the community in handling and managing plastic waste, which hasn't started from sorting waste from home.

**Keyword:** Plastic waste, Circular economy, Final processing sites (TPA), Temporary shelters (TPS), 5R