

ABSTRACT

Handling municipal waste is a serious challenge in this modern era, especially with rapid population growth and changes in consumption patterns. Good management of municipal waste is very important for a sustainable urban structure that can reduce negative impacts on the environment, public health and natural resources. Implementing a Waste Bank is a good solution for handling city waste. This is because the Waste Bank concept is in line with sustainable city management.

This research aims to identify the implementation of a circular economy at the Cihampelas Mandiri Waste Bank in supporting SDG Target 11.6. The rationale for this research is the 3R concept (Reuse, Reduce and Recycle) implemented by the Cihampelas Mandiri Waste Bank in support of SDG Target 11.6, namely handling municipal waste.

This research uses a qualitative approach involving field surveys, interviews with stakeholders, and quantitative data collection to assess waste volume and composition. The research results show that implementing sustainable principles can increase the efficiency of municipal waste management, reduce the amount of waste disposed of in final landfills, and have a positive impact on the environment. Key sources in this research involved the Bandung City Environmental Service and the Cihampelas Mandiri Waste Bank Coordinator

It is hoped that the results of this research will provide knowledge about the implementation of a circular economy for Waste Banks in realizing SDG Target 11.6 in Cipaganti Village, Bandung City. Apart from that, the research also provides solutions to the findings of problems that occur through action plans that have a role in every supporting aspect, namely the Bandung City Environmental Service, the Cihampelas Mandiri Waste Bank Coordinator, and local residents of RW 05 Cipaganti Village.

Keywords : *SDG, Circular Economy, 3R Concept, Garbage Bank, Action Plans*