

## **ABSTRACT**

Waste is a fundamental problems in every big cities. Bigger the city, the waste was generated. Bandung Regency is a buffer capital of Bandung in West Java. Residents in Bandung Regency is about 3.299.986 inhabitants, if any humans produce waste every day as much as 0.5 kg of the waste generated is 3149 tons. By handling waste management is not good, it will create a negative impact. One of these floods.

Waste bank is one of the solutions of poor waste bank management. Waste bank also open new paradigm of society about waste, from something worthless into something valuable. Because the bank will accept waste especially organic waste from public and will be calculated into the savings for the community. In this case the bank will process them into compost bins and will sell it. Compost or organic fertilizer alone has many benefits to improve elements of the ground, so more people can using compost. Therefore, waste bank solution not only in waste handlers but also contribute to improving the quality of the soil.

These results indicate that the demand for buyers compost 81,834 tons per year with a production capacity of 41,276 tons. While savers waste market in 2013 as many as 681,412 people. Based on calculations by the parameters of investment appraisal for the past 5 years, the waste bank in Bandung regency worth realized by Rp 49,378,902,190 NPV, IRR of 34.3% and the PBP 2.81 years. The investment is most sensitive to the income variable.

Key word : eligibility, waste bank, Bandung regency.