



**UTILIZATION OF BOTTLE CAPS WASTE BY THE YOUTH
CHURCH COMMUNITY OF PAROKI BUNDA MARIA RATU
SUKATANI IN HELPING THE ECONOMY, ENVIRONMENT,
AND COMMUNITIY AWARENESS**

**UNDERGRADUATE Final Project
submitted as one of requirements to obtain
Sarjana Sosial (S.Sos.)**

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Faculty of Social Science and Education President University In partial
fulfilment of the requirements for bachelor's degree in social science**

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12 CHAPTER 1 INTRODUCTION 1.1 Background Humans and the entire earth are interconnected and reciprocal. The surrounding environment plays a role in providing materials that humans need in their daily lives, starting from the basic ingredients for making clothes, food, and also shelter.

Humans, as God's most perfect creatures because of their intellect, are obliged to maintain the continuity of the environmental ecosystem in which they live.

However, we can see human greed nowadays through the changes that occur in the environment itself (Purwanto 2016).

Air pollution, water pollution, and the destruction of land and marine ecosystems are serious problems that require global attention.

Seeing the increasingly critical environment, the Church is required to contribute to overcoming these problems.

The Church is aware that environmental damage comes from human behavior.

Environmental conservation is an integral part of evangelization carried out by the church as a fellowship of believers.

Everyone who has lived in Christ and has received the gospel of Christ should be a pioneer to preserve the environment.

According to Robert P. Borrong, in his book entitled Rooted in Him and Growing in Him, the Church as a fellowship of believers is not only responsible for realizing fellowship among fellow humans but also with the environment. (Borrong 2010, 125).

The Catholic Church, historically has intervened and even entered into the reality of broader and more pressing life issues, such as the environment.

The Laudato Si' Encyclical is evidence of the invitation of Catholic leaders in sensitizing their people around the world to take care of our home earth.

This landmark document calls for an "integral ecology" that links care for nature, justice for the poor, community commitment, and inner peace.

ABSTRACT

Plastic waste has become a global issue that requires serious attention, including in Indonesia, where plastic waste will reach 18.71% of the total national waste production by 2023. This study aims to demonstrate the utilization of plastic bottle cap waste as an economic resource through a bag-making workshop program in the Catholic Youth Community (OMK). The method used is Constructive Participatory Methodology, which involves active participation of the community as co-researchers in the process of data collection and analysis. The activity was carried out through a bag-making workshop from plastic bottle caps attended by the OMK community on December 2, 2024. Data was collected through participatory observation, group discussion, and documentation of the product-making process.

The results showed that the workshop successfully created reusable bag products from plastic bottle cap waste using cable ties as connectors. The program resulted in positive impacts on four aspects: environment (reducing plastic waste and increasing recycling awareness), community (developing creativity and building relationships among participants), economy (providing entrepreneurial training and helping scavengers), and church (reactivating youth and carrying out Diakonia mission).

The research concluded that plastic waste utilization can be a sustainable solution that integrates environmental, social, and economic aspects. The workshop proved that community-based initiatives can be a catalyst for positive change in addressing plastic waste issues. The research recommends the development of similar programs in a sustainable manner by involving wider participation from the church community and society.

Keywords: plastic waste, recycling, OMK community, sustainable development, Diakonia.

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I realize that this work is far from perfect. Therefore, I expect constructive criticism and suggestions for future improvements.

Finally, I hope this workshop can provide benefits for readers and the advancement of science.

Depok, 11 Juni 2025

Karilina Feren

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