Contribution of the Indonesian Enzim Bakti Community in Increasing Community Ecological Awareness through Civic Education

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Abstract. This research examines the contribution of the Indonesian Enzyme Bakti Community in increasing the community's ecological awareness through a qualitative approach using the phenomenological method. The main focus of this research is to understand the experiences and perceptions of community members and the general public who are involved in activities organized by this community. Data was collected through in-depth interviews, participant observation, and analysis of documents related to community activities. The research results show that the Indonesian Enzyme Bakti Community has succeeded in facilitating increased community ecological awareness through various educational programs and practical activities such as making enzymes from household waste. These findings reveal that direct involvement in environmentally friendly activities has a significant impact in shaping people's ecological thinking and behavior. Apart from that, this research also highlights the importance of community support in strengthening collective awareness and responsibility for environmental conservation. In this way, the Indonesian Enzyme Bakti Community not only acts as an agent of ecological change, but also as a model of effective community empowerment in facing current environmental challenges. This research confirms that education and active participation in environmentally friendly activities can change people's behavior and mindset to become more concerned about the environment. This community has demonstrated that through a collaborative and community-based approach, ecological awareness can be significantly increased. By integrating environmental education into daily activities, the Enzim Bakti Indonesia Community provides a real example of how communities can play an important role in overcoming global environmental issues.

Keywords: Community, Enzim Bakti, Ecological Awareness, Citizenship

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1 Introduction

Community ecological awareness is an important aspect in efforts to protect and preserve the environment. In Indonesia, environmental challenges such as pollution, deforestation and climate change are increasing, requiring collective action from all levels of society. One effective approach in raising this awareness was through civic education that integrated environmental issues. In this context, Enzyme Bakti Indonesia Community emerges as one of the initiators that plays an active role in providing education and hands-on experience to the community about environmentally friendly practices.

Community ecological awareness is an important aspect in efforts to maintain and preserve the environment [1] The increasing impact of climate change provides a deep understanding of environmental issues [2] Community ecological awareness did not only encourage individuals to behave more responsibly towards the environment [3] Without strong awareness, efforts to address environmental issues tend to be less effective and sustainable [4] Proper education and information regarding the importance of maintaining ecosystems could be the first step to raising this awareness [5].

Educational programs involved community's engagement that had the potential to produce positive changes in their environmental behavior [6]. The Changes in environmental behavior could include a range of actions and habits aimed at protecting and safeguarding the environment [7]. In the other hand, the changes in environmental behavior included a range of actions and habits that aimed at protecting and safeguarding the ecosystem [8] the Awareness of environmental issues through education, water conservation, and reducing meat consumption could strengthen our commitment to sustainability [9]. Each individual contributed to the collective some efforts to create a healthier and more sustainable environment [10].

By considering the context of community organizations, it had a strategic role in disseminating knowledge and creating community engagement in environmental initiatives. Enzim Bakti Community focused on developing community-based solutions, with programs that was taught how to make the enzymes biomass from household waste. The activity did not only provide practical knowledge but also encouraged active community participation in maintaining environmental cleanliness. It through a participatory approach, the community had succeeded in changing the way people viewed waste and the importance of good waste management.

The civic education implemented by Enzim Bakti Community involved various community groups, including children, teenagers, and adults. These programs were designed to increase knowledge about environmental issues as well as build awareness of collective responsibility in maintaining the ecosystem.

Maintaining ecosystems and raising ecological awareness were two interrelated aspects that were crucial for environmental sustainability [11] Maintaining ecosystems meant protecting biodiversity [12] maintaining the balance between different species, and preserving natural habitats. [13] Actions such as rehabilitation were wise management of natural resources was essential for maintaining ecosystem health. [14] Meanwhile, ecological awareness encompasses people's understanding of the relationship between human actions and their impact on the environment. [14] Increasing ecological awareness could be done through education, environmental campaigns, and community involvement in conservation activities. By reporting some increased ecological awareness level of individuals and communities were more likely to take actions that support sustainability, such as reducing waste, using renewable energy, and supporting positive environmental policies.

This research aimed to explore the experiences and perceptions of community members involved in community activities. By conducting a qualitative approach, this research explored deeply trough how these activities influence their mindset and behavior related to the environment. By understanding first-hand experiences, it was hoped that more effective strategies could be found to increase ecological awareness at the community level.

The contribution of Enzim Bakti Indonesia Community in raising ecological awareness through civic education showed the importance of collaboration and active community participation. This research was expected to provide insights into effective community empowerment models in facing environmental challenges, as well as a reference for similar initiatives in other regions in Indonesia.

2 Methods

This research conducted a qualitative approach that engaged a case study method. The case study process adopted the process of [15] which consisted of planning, design, preparation, data collection, analysis and dissemination as shown in Figure 1 below:

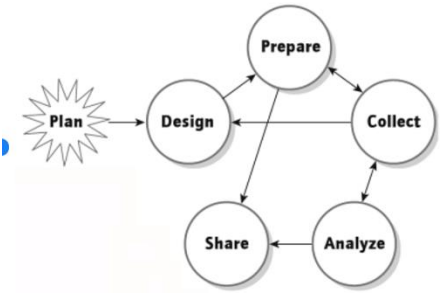

Figure 1. The study case's process [15]

Data were collected through interviews with community members, participatory observation of activities, and document analysis related to the education program. The research location focused on areas that are actively involved in the Enzim Bakti program.

3 Results and Discussions

The results showed that Bakti Enzim Indonesia Community had successfully facilitated the increased ecological awareness of the community through various educational programs and practical activities such as making enzymes from household waste. The findings revealed that direct involvement in environmentally friendly activities had a significant impact in shaping people's ecological thinking and behavior. In addition, this study also highlighted the importance of community support in strengthening awareness and collective responsibility for environmental conservation.

The results showed that Komunitas Bakti Enzim Indonesia has successfully facilitated the increase of community ecological awareness through various educational programs and practical activities, such as making enzymes from household waste. According to [16], this direct involvement of the community in environmentally friendly activities had proven to be effective in shaping ecological thinking and behavior. In this encounter, Komunitas Bakti Enzim Indonesia did not only provide theoretical knowledge, but also practical skills that encouraged active participation.

The societies felt more connected to the environment and were committed to preserving it [17] In the findings of this study communities involved in environmental programs felt more connected to their environment and were committed to preserving it through. According to [18] direct involvement in activities such as making enzymes from household waste or planting trees helped individuals understand the impact of their actions on the ecosystem [19] through these practical experiences, a sense of belonging to the environment grows [20]. The societies were more motivated to protect natural resources and participate in conservation efforts [21] when the society and community work together for a common goal, they did not only increase ecological awareness, but also built a sense of collective responsibility [22].

This research also highlighted the importance of community support in strengthening collective awareness and responsibility for environmental conservation. According to [23] community support included participation in community activities, collaboration with various parties, and dissemination of information on environmentally friendly practices. When communities collectively strived to raise ecological awareness, they did not only create a positive impact on the environment, [24].

The steps of Creating a sustainable culture of environmental care through Komunitas Bakti Enzim Indonesia made environmental protection an integral part of everyday life. In this way, Komunitas Bakti Enzim Indonesia did not only act as an agent of ecological change, but also as an effective model of community empowerment in facing today's environmental challenges. This research confirmed that education and active participation in environmentally friendly activities could change people's behavior and mindset to care more about the environment. This community has shown that through a collaborative and community-based approach, ecological awareness could be significantly improved. By integrating environmental education into their daily activities, Komunitas Enzim Bakti Indonesia provided a clear example of how communities could play an important role in addressing global environmental issues.

4 Conclusions

This research demonstrated the significant contribution of Enzyme Bakti Indonesia Community in raising people's ecological awareness through a phenomenological qualitative approach. The results indicated that educational programs and practical activities, such as making enzymes from household waste, were effective in shaping environmentally friendly mindsets and behaviors. In addition, community support was crucial in strengthening collective responsibility towards environmental preservation, making Komunitas Enzim Bakti an effective ecological change agent and community empowerment model. Therefore, it was recommended to the community expanded educational programs, strengthen collaboration with other organizations, developed monitoring and evaluation systems, promoted best practices, and engaged in policy advocacy. By following these recommendations, Komunitas Enzim Bakti could further enhance its role in building ecological awareness and contribute to more sustainable environmental practices in the community.

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Disclosure of Interests

In the research titled “The Contribution of Komunitas Enzim Bakti Indonesia in Raising Community Ecological Awareness through Citizenship Education. The

researcher has worked with Komunitas Enzim Bakti Indonesia on projects related to ecological education, which may influence the research perspective. There were no personal financial interests that could influence the findings, and all data was collected ethically with the consent of the participants. This disclosure is intended to ensure transparency and uphold the integrity of the research.

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