



COMMUNITY RESILIENCE THROUGH THE CAPACITY BUILDING SUSTAINABLE VILLAGE (WASTE MANAGEMENT ECOVILLAGE BASED IN THE VILLAGE OF KEJAGAN, TROWULAN, MOJOKERTO)

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Abstract

In order to achieve the sustainable development goals (SDGS), countries are expected to reduce waste and waste production through efforts known as 3r, recycling, and reuse to ensure sustainable production and consumption patterns. This is one of the efforts to increase community inequality through economic sectors in the management of the rural governments of Kejagan, Trowulan, Mojokerto. This service to society begins with two problems: (1) Community outreach to increased service, increased public tranquility, improvements in service facilities in all areas including social, cultural, economic, security, health, education, law, and other comprehensive issues in the endemi era. (2) Partner have yet to understand how garbage management becomes economic goods and has high sales value in the endemic era as an improvement in local communities' resilience. The method of community service is community intervention and three main characteristics: community based local resource based and sustainable.

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1. Introduction

Another word of reference is resilience that has multi-sectoral characteristics. General indulgence is defined by the attitude of care imposed by the individual In the face of a conflict, the event or the threat occurs. Financial deficits, politics, disasters, plagues, or climate. (Selby, J., 2014)

Valence is a dynamic process in the face of conflict all of a sudden, as Gatt et al. (2020) argues that coherence Is someone who is trying to be optimistic in the face of it Hustle and bustle of difficulty, life's problems, stress, and failure and the ability to make changes that are of positive value. category Its high prevalence can be seen from systems or healthy life patterns and calm mind (lee et al., 2020; Lim et al., 2020; Ploughman et al., 2020), Heightened prosperity and mental well-being and peace (Majordomo et. al., 2016; Never mind., 2020. It's indicated by a twist Increased concern over the inability of human responses by changing the mind to achieve a positive impact that Repeated to overcome vulnerability in the 5.0 society era.

The meaning of reference has little difference, there is an opinion says ejection means the destructive force of upper resistance. Something that has been painful on individual human beings, meant to look up coherence is a quality that the individual needs to survive on the side others, reference is defined as ready to "bounce back" to receive up events that lead to deprisi and trauma. That definition emphasizing resilience as a means to develop and strive to move on from everything personal. Differentiation of meaning is particularly important to the individual within Problems develop more than just problems by finding meaning in events that precipitate trauma and capitalize on this meaning to promote their well-being. Such individuals experience the post-trauma growth, a process where one cognitive associated with existing situations or events produces traumatic experiences. (Elder, 1998; Feeney & Collins, 2014; Jayawice & blackie, 2014).

As in the diagram below it describes the interaction of synapses with his output. thus economic resilience needs to be implemented significantly in order promote increased public tranquility, improve service facilities In all areas including social, cultural, economic, security, health, education, law, and other matters in a sense comprehensive in the endemi era. Secaghow's the waste management carried out by the village government of Kejagan, Trowulan, Mojokerto.

Garbage is one of the thorny issues both in the city and in the village, citing data from the statistical central body (BPS) 2021, plastic waste Indonesia reaches 66 million tons a year. Though today is a lot Bank of Indonesia is the trend in Indonesia, however So is the daily renewing of garbage by every good man Individuals and groups alike, garbage remains uncontainable Her whereabouts. Make the environment cleaner, wake the people up of the importance of cleanliness, and of making garbage an economic item many of these efforts have been made today. Garbage being one of the complex issues facing both countries thriving as well as developed countries in the world.

Rubbish problem is a common problem and has become a universal phenomenon across the globe. According to the big dictionary of Indonesian, rubbish was an item or thing discarded for disuse etc; dirt like leaves, paper (<http://kbbi.weo.id/trash>). As opposed to understanding above, rubbish according to article 1 of law number 18, 2008 about waste management is all that remains of human daily activities and or the dense nature of the process. (Linda, 2018)

Trowulan is a sub-district in Mojokerto, East Java, Indonesia. This district is located in the western part of the Mojokerto, in the Jombang country. The trowulan lies on the national road connecting Surabaya-Solo-Yogyakarta. Writer this bearing contains dozens of sites covering nearly 60 square miles [100 sq km] it consists of buildings, idols, pottery, and funerals Royal treasure Majapahit. Supposedly powerful, the heart of the empire is on this region written by Mpu Prapanca in the kakawin book Nagarakret religion and Ina Chinese source of the 15th century. Trowulan Kertabumi, since that time the capital of Majapahit moved to Daha. Venice village, Mojokerto district's Trowulan district is a densely populated village dominated by the education-conscious community. But there is also some a society that cares little for the existence of garbage. Majority locals work as garbage cauldrons turned over to the Micro-djaya plastic owned by Mr. Dedek kurniawan. Compare as micro finance approach out of 5 people as a garbage compactor. The plastic Micro-Djaya stood up from 2009 until now. Where the focus is on waste plastic grouped together in different colors to resell PT Adhi Karya would be able to purchase a stake in the Jakarta stock exchange JSX. As shown below here.

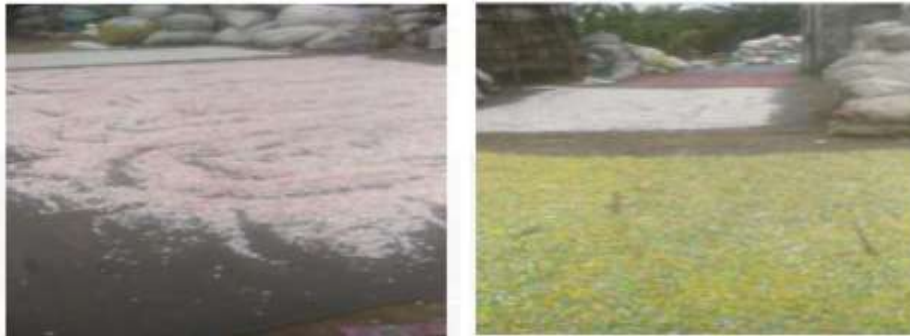


Fig 1. Plastic trash that was crushed by cauldrons it's a middle-class micro-business plastic Djaya

There are two problems faced by non-profit micro-enterprises: productive, among others things, it has not yet healed the AMDAL analysis of impact the environment is large and important a plastic micro-djaya for the process of making decisions about the business arrangement as the legality of a small medium micro business (UMKM) to commerce (UD) which results in increased service, increased tranquility people, to improve service facilities in all areas, such as social, cultural, economic, security, health, education, law, and other comprehensive issues. (2) The minimum knowledge of waste management is of economic value and so forth the village of Asri in Kejagan, Trowulan, Mojokerto. The need for a proper education it is a community's common need to understand one the same goes for the development of waste management.

An act of devotion to the people of the village of Kejagan, the Trowulan development in home-based education-based education it's an interesting thing to be touched in potential development the education of the villagers is mainly for the people. Empowerment ecovillage waste management needs to be implemented where people are able to manage a lingkungan, among other things conservation, utilization and systemic recovery of the environment Sustained. Ecovillage as a local form of communication of the environmental acidity to manage waste management sustainable and natural environment. Village/village development activity ecovillage in the village of Kejagan, Trowulan, Mojokerto give the gamble to let people know, understand and dominate problems, the potential and needs of the surrounding region by the method of facing problems, the surrounding communities can look for alternatives to problem solving which is relatively easy to implement via parteciple. Purpose of ecovillage development is to facilitate rural community cheat, Trowulan, Mojokerto to manage a wide-

awake waste bank its continuity. The concept ecovillage was adopted in the village of Kejagan, Trowulan, Mojokerto can see how society behaves in emulation the natural environment, a growing closeness through cooperation, self-reliant and eco-friendly attitudes over time can be one was formed by managing a waste management ecovillage and it starts with a society of screwed-up garbage, it is hoped to be able to change the rural youth community or the so-called the teamsters form a facility-controlled junk bank and use voluntary community facilities.

Rural communities Kejagan, Trowulan, Mojokerto majority is just a garbage caulk so that the creativity and products of the garbage bank are not yet available sustainable village development capacity for economic sustainability citizen. As the picture below shows that Banks are garbage untouched and sorted for valuables.



Fig 2. The garbage that the cauldrons have collected in the village of Kejagan, Trowulan, Mojokerto

A micro-Djaya counterpart is simply empowering its workers for sorting garbage out of plastic. Thus the public's devotion is expected to expand the garbage bank in the village of Kejagan, Trowulan Mojokerto and can be run by the public especially for housewives in order to make her presence acceptable well, it can help the public economy come from Garbage to have. This junk bank needs a hand touch the PKK mother's friendly to dressing up and innovating garbage is worth economical. Micro-medium enterprises are embracing people and also young people are concerned about garbage Banks whether it's made into a plastic weave or with it using traditional tools that are highly acceptable to the people of Dan Requires continued development in order to become a distinctive or traditional art of the village of Trowulan. It needs to be preserved to the continuity of a creative and innovative generation of people enrichment the proceeds of society itself as a statement of wealth an endemi era.

The commitment of the ecovillage group and the village community of the commerce, Trowulan, Mojokerto is indispensable to environmental improvement, because such commitment characterizes a complete relationship between individuals with groups or organizations for its psychological and statistical conditions an individual society decision to stay or leave the group (Tobing, 2009). Porter et al. (1973) in the Tobing (2009) defines an organizational commitment as necessary to serve as the relative strengths of the individual communities towards an organizations, there are three psychological factors that characterize a commitment that strong: (1) a strong desire to remain a member of the organization certain; (2) the desire to put forth effort in behalf of the organization; and (3) a sure trust and an acceptance of values and purpose organization.

They can also be used in the process implementation of college activities free of learning where it is essentially an interaction between the individual and the environment give implementation of skills to students. The environment provides stimulus to students and Instead students respond to the environment. Individual skills can provide a demonstration positive value on the development of people's capabilities professionals. A waste bank management that can produce a new expertise by the villagers of Kejagan, Trowulan, Mojokerto supports personal and social development through life skills and improved information systems, education and health systems. Students can give education about trash that can be made a valuable skill. Thus, an invention new job for the village people of Kejagan, Trowulan, Mojokerto that can enhance society's credibility and quality in terms skills and a clean life. In addition, individual skills can be providing solutions for citizens to make conducive choices health and security in the environment.

In the process of interactions between students and rural communities of the marketplace, Trowulan, Mojokerto can bring personal changes to the individual Changes in our behavior and expertise. Can also give positive and negative effects on changes in the environment those. Which suggests that the function of the environment is a factor essential in the process of learning teaching (Afifulloh, 2019). Learning concepts with this neighborhood coming from the family, community environment, natural and surrounding environment. In the world our education is familiar with the Term Tri Educational Centre. Three neighborhoods that are contributing factors in a child's learning process. Ki Hajar Dewantoro (2013) Argue that there are three educational environments known as Tri The educational center of family, school and

community. Third these environments are interrelated in the process of helping to achieve goals child study (Choiri, 2017). Moving into the future. Caring for, togetherness, and ecology are vital issues within developing strategies for promoting rural capacity-development in terms of a sustainable economy. For that, all groan the involved must make every phase of planning, implementation, and continuing assessments of activities to achieve a natural environment and productive.

Major performance indicator of community devotion to the college high one is a counterbalance or a matching fund for work the same as the principled plastic Djaya middle partner on increased college elevation with industrial need, the world business, and the work world. Devotion to waste bank management empowerment in the village the administration is conducted by professors and student programs Islamic management, education, and involvement of micro business partners small medium plastic Djaya from the business or the work world in the development and implementation of that defense and that economy ecovillage, Trowulan, Mojokerto.

In turn, the student participated in the activity and plunge directly into the community to produce the quality skilled graduates and get outside experience accordingly with implementation of free college studies using case the method is the method of solving the case that happens in the field students play the role of the protagonist trying to crack a case to test and develop a design solution local people, among other things, assist in community service build solution recommendations in junk loading as health defense, increased creativity and productivity partners local.

2. Method

Execute method the method used was community intervention as Glen (1993) reveals that intervention the community USES three models, which is development community development, community action, and the community service approach. To move people to activity on a garbage bank with waste management. A bank of garbage especially a garbage mover it is hoped to bring in mothers, teenagers, and others even children to contribute to awareness management trash. The problem is, cadres lack the skills to implant intrinsically generated values of local people processing garbage into precious cargo. The target the execution of this program of devotion to the community, is: village cadres get socialized in

improving training the management of the garbage that can be produced into a valuable, unique possession and supplement the income for the village people of the county Trowulan Mojokerto.

3. Result and Discussion of Community Engagement

Solution problems the trash bank settlement in the village of Kejagan, Trowulan, Mojokerto will do with the Asset Based Community Development Approach (ABCD). Through this approach, efforts will be made to improve the partner's condition target by empowering the assets they have, which is: (1) education is transidental norms that can be resettled rules its operation for societies that are not yet conscious of waste management to create a village of Asri (without garbage) with the young people local carotene, (2) a potential human resource to be able compile and carry out a program of devotion, (3) A benign and highly creative environment and productivity of junk Banks

To facilitate program impurities boost the public economy. Besides, even partners are taught in the process of marketing artwork by the devotees team with it's using two ways, which is online and offline. Sales in an online will capitalize on social media such as Instagram, Whatsapp, and online store applications (Shopee, Pedia, and Mucking) while for the sale offline is through society itself with a mass-production fair. (Faithful Frida Risfania, 2020). Technically, the settlement of the problem is described in diagram follows:

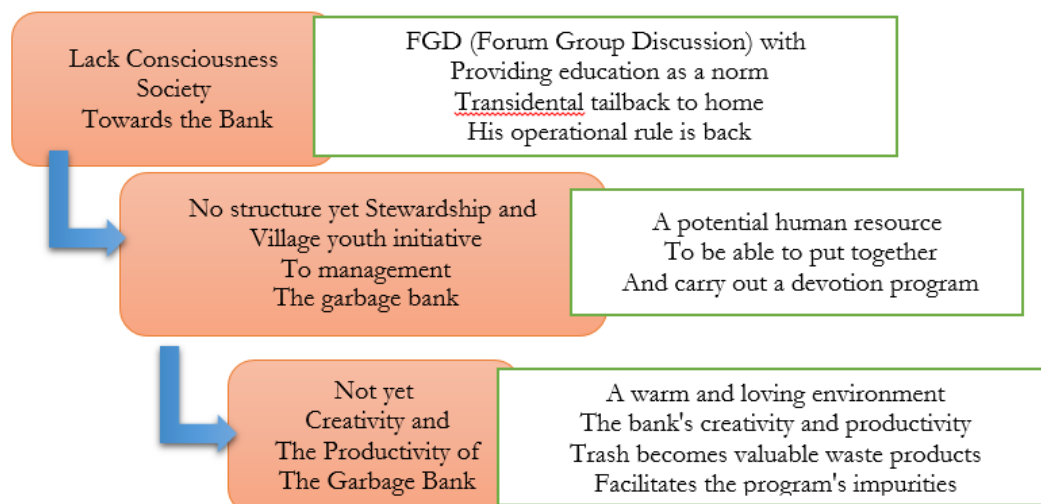


Fig 3. PKM Partner Conflict Flow Diagram

The ejector target is generated from CBSV (Capacity Building Sustainable Village): Development of sustainable waste management ecovillage in Kejagan village, Trowulan, Mojokerto through program to do it in several stages, among other things:

Table 1
 Program Design, Indicator and External target of Community Engagement

Step	Activity	Indicator	External Target
I	FGD (Forum Group Discussion) Education given to and material introduction management programs trash	Capable partner understanding and get education about good Management process Trash.	80% of the people understanding and getting education About the process waste management well with the implementation that management described above
II	Demonstrated garbage Management become the stuff so	Capable partner can be design trash becomes precious cargo	80% of society is able to produce design junk Be prepared goods wear and have bargain value and Produce the product Potential targets HKI
III	Escorts and Production training creativity and productivity waste management	Capable partner generating finished product and precious	80% of the people understanding and implementing waste management with good and quality production high is the product potential targets HKI
IV	A product fair in mass	Capable partner marketing product	80% May add up. Partner income and also the people locally and Production profile results the partner's work could be published in the media (Internet, Instagram, Youtube etc.)

This evaluation is based on the assignment and the results of the participant discussion devotion to the public. Results are assessed for knowing and the material successes that have been delivered, while the process has also been examined group performance of the society. At the end of the meeting, the public for finishing in results. This form of activity is chaperoned waste management over the last two months. Results of the evaluation become a regimen for partners in order to maximize that training granted. This is to enable the partners to achieve the ultimate goal of the devotion of this community, namely its counterpart, becomes a human resource which prolific, creative, and capable of creating a field of their own or the expected outcome of this outcome would be publicly viewed general and special. Outcome in general:

1. Providing education on the benefits of waste treatment is Leftovers that can harm the environment and cause Diseases. That's a picture of garbage for some who don't want the thoughts of making it more worthwhile. Garbage treatment the right kind takes persistence and patience and the high edification of doing so, creating various energy reusable from such garbage.
2. Of this partnership the contribution of knowledge about Empowerment of people in garbage bank activities as well it highlights the importance of inner society's role Success in the work. In Addition it gives training as well a way to manage garbage into the stuff it owns high price. With the capital of creativity and perseverance Society and partners, garbage would be valuable. And other than Produced an interesting item with minimal capital however when we market it will get a high bounce switch.
3. The effect of this partnership could be an ingredient referral to the surrounding communities on how strategy people's economic empowerment, and society's expectations capable of managing the garbage well, so the bank program Garbage in the village district Mojokerto's it can bring significant change, especially in terms of Public empowerment as well. And with society and partner Acquired goods and had a resale prices to boost economic value.
4. Partners can foster creativity and enhance productivity, which is applied to a visual art form they have market value, and they can open up business opportunities and they can helps the economy partners.



Fig. 4 Assistance result plastic waste craft in, the village of Kejagan, Trowulan, Mojokerto

4. Conclusion

The result of the evaluation becomes a referral for the partner to be able to maximize the training. This is for making the partners capable to achieve the main goal of community engagement, which is partnership becomes a resource Humans are prolific, creative, and able to create jobs Alone. The results of the analysis and feedback activities will be a guide for The program's development follows because of data Field observations (fact finding), and so for sustainability Intended programs could be implemented to enhance the program Part or whole so the evaluation and monitoring continued to continue to sustainable excellence.

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