

Utilization Of Wet And Dry Waste Into Products That Have Economic Value To Support The Residents Of The Village Of Bandar Khalifah, Percut Sei Tuan District As Additional Income

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Abstract.

Bandar Khalipah village is one of the villages located in Percut Sei Tuan District, Deli Serdang Regency North Sumatra Province with an area of 883 hectares. Administratively Bandar Khalipah village consists of seventeen hamlets. Currently the role of the village apparatus in carrying out its function of protecting the community is quite good and acts as a motivator and the mediator in the community is quite good and plays an active role as a motivator and mediator in the community the cooperation of the village apparatus and its apparatus (hamlet head) is going well. It is known that on average local residents are also the majority of their income from labor and farming. Those who have uncertain incomes and also have problems faced by the residents of Bandar Khalipah village are household waste that is not managed properly, therefore by managing household waste both wet and dry to be used as products of economic value, namely eco enzymes and briquettes can help the economy of the village of Percut Sei Tuan sub-district as additional income and the surrounding environment becomes cleaner.

Keywords: *eco enzymes, briquettes, waste management, additional income.*

I. INTRODUCTION

Bandar Khalipah Village is one of the villages located in percut sei tuan district, deli serdang regency, north sumatra province with area of 883 hectares administratively, bandar khalipah village consists of seventeen hamlets. The boundaries of bandar khalipah village are as follows : North side : Desa Bandar Setia; South Side: Desa Bandar Setia; West Side: Medan Estate or Tembung; East Side: Desa Bandar Klippah. Population map within the scope of the village. Total Population: 38.381 population; Number of adults: 26.567 population; Number of men : 19.316 population, Number of woman : 19.065 population, number of family heads : 8.405 population, number of poor family heads: 2.426 population. Currently the role of the village apparatus in carrying out its function of protecting the community is quite their income from labor and farming those with uncertain income. Therefore, one of the easiest product manufacturing modalities to find is to use household waste[1]. Household waste is one of the problem factors that must be addressed[2]. From waste produced by households and from agricultural waste, it can be managed into products that have economic value[3].

Therefore the residents economy is strongly supported by the utilization of wet waste and dry waste into products of economic value to support the economy of the residents of the Percut Sei Tuan sub – district as additional income[4]. Therefore the resident economy is strongly supported by the utilization of wet waste and dry waste into products of economic value to support the economy of residents of Percut Sei Tuan sub - district as additional income. Of the many problems that occur and exist in Bandar Khalipah village, the service team decide to seek economic revival in the village. And by holding outreach, it is hoped that the local community can change their mindset and advance their village in their own way and style. This community service activity is for residents of Bandar Khalipah village is household waste that is not managed properly, therefore the implementation of the service provides and understanding to the people of Bandar Khalipah Village for the management of house hold waste into products that have economic value for supporters the economy of the people of Bandar Khalipah village as additional income and have an impact on environmental cleanliness[5].

II. METHODS

This community service activity method is carried out using the lecture, tutorial and discussion methods with the following systematic implementation:

1. The First stage is the lecture method, the participants are given motivation and understanding so that the community can use dry waste into a product that has economic value to support the economy of the economic value to support the economy of the residents of Bandar Khalipah village
2. The second stage is the tutorial method for training participants to Bandar Khalipah Village. This stage lasts for two hours.
3. The third stage is the tutorial method for training participants to get material about the stages of the process of the process of utilizing wet waste into products, materials needed and can produce good eco-enzyme products[6]. So that it can be an additional income for residents of bandar khalipah village. This stage lasts two hours.
4. The fourth stage is the discussion method, the training participants are given the opportunity to discuss issues related to discuss issues related to the effects and impacts of wet and dry waste

III. RESULT AND DISCUSSION

Result

The results of the counseling and training were carried out for three days starting from Tuesday the ninth of November two thousand and twenty one to Thursday the eleventh of november two thousand and twenty one smoothly and without any obstacles. On the first day, are view of the location of residents settlements will be carried out for socialization and counselin were carried out regarding the meaning of wet and dry waste, the harmful effects of waste and then the positive impact of processed waste products. Third day the closing of the photo session with the community, the village head, the hamlet head and the head of local environment.



Fig 1. Socialization



Fig 2. Socialization

Discussion

The success of this community service activity can be achieved thanks to the support of the head of Bandar Khalipah Village and each head of hamlet in the district in facilitating the location. The people of Bandar Khalipah Village, Percut Sei Tuan Subdistrict Deli Serdang Regency are very enthusiastic about counseling and socialization of increasing the understanding of the Bandar Khalipah Village community on the value of economic utilization through planting plant seeds in Bandar Khalipah village, Hamlet XI, Percut Sei Tuan District, Deli Serdang Regency and the environment around



Fig 3. Handing over the seeds to village head

IV. CONCLUSION

The people of Bandar Khalipah Village, Percut Sei Tuan District, Deli Serdang Regency, are very enthusiastic about counseling and training to increase the understanding of people of Bandar Khalipah Village, Percut Sei Tuan District, Deli Serdang Regency towards increasing the use of dry waste and wet waste properly to make products, materials which is needed to produce good briker and eco enzyme products so that they can become additional income for local residents. This stage lasts for two hours. With the training that has been given. The people of Bandar Khalipah Village, Percut Sei Tuan District, Deli Serdang Regency are more aware of the use of waste for the economy and its impact on their respective households in the area. Therefore the people of Bandar Khalipah village, Percut Sei Tuan District, Deli serdang Regency can learn form themselves how important it is to use waste for a more decent life. Apart from getting alot benefits, also benefits many parties. And it is hoped that it can form habits between communities in producing a more advanced economy.

V. ACKNOWLEDGMENTS

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