

Innovation Village from Waste to Processed Products of Delicious and Nutritious Village Food Sukamanah, Megamendung District, Bogor Regency

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ABSTRACT

Starting from concerns about food waste and utilizing materials that are around, residents of Sukamanah Village, Megamendung District, Bogor Regency, through this community service dare to innovate by processing unused food ingredients into a type of product with high economic value. The existence of these innovation demands makes Sukamanah Village to have ideas that can be used in order to solve problems in Sukamanah Village in utilizing potential. The problem is that the number of edamame beans does not pass in the marketing. Community creativity is still low in utilizing raw materials from edamame nuts. Edamame beans that don't pass through sorting are mostly left alone. The selling value also tends to be low because they are only sold in the surrounding area or only consumed by themselves, compared to edamame beans that pass sorting and are marketed to supermarkets. If not processed properly, a lot of edamame beans will be wasted. So, this is where the need for an idea that can develop the potential of edamame beans. In general, the innovation of edamame bean ice cream is a form of utilization of edamame nuts that are sorted or do not meet the requirements to be marketed. In particular, edamame bean ice cream innovation aims to increase people's income and creativity. Edamame peanut ice cream innovation can make people become entrepreneurs.

INTRODUCTION

Situation Analysis

Community Service is one of the implementations of the Tri Dharma of Higher Education, namely community service. With this activity, it is hoped that the knowledge and experience gained can provide direction in tackling and solving a problem appropriately.

Innovation is a process of turning opportunities into viable ideas marketed. Innovation is also a combination of vision to create a good idea and determination and dedication to defend the concept through implementation. With innovation, entrepreneurs create good resources new production resources as well as managing existing resources by enhancementscore potency to create capital (Machfoedz and Machfoedz, 2004).

In innovation, many of the challenges faced by the same organization in process which creative present, and management play a role important. Creativity also is a process for bring up idea in where Innovationis the result, but creativity and mutual innovation related (Gupta, 2007).

The existence of these innovation demands makes Sukamanah Village require have ideas that can be used to solve problems in Village love in utilise potency. The problem is, that is Amount peanut edamame no get away in marketing. Community creativity is still low in utilizing raw materials from edamame beans. Peanut edamame which no get away in sorting most left sojust. Score sell it even tend low because only for sale in environment aroundor just consumed alone, compared to edamame beans which pass sorting and marketed to supermarkets. If not processed properly then a lot of edamame beans will be wasted. So that, here it is need existence something idea which could develop potency peanutedamame.

Problem

In general, edamame beans are only used by boiling them and consume it directly. Even though edamame beans can be processed be processed that can create business opportunities for the community. Wrong the other, edamame beans can be used as a serving of Peanut Ice Cream Edamame. although ice cream no foreign to hear, however with a blend of flavors from edamame beans it gives a different sensation for anyone who has tasted it. Therefore, the processing of edamame beans into Edamame Peanut Ice Cream is a new way to enjoy peanuts edamame.

On generally, peanut edamame is only used with method boil it and consume it by direct. Whereas peanut edamame could processed Becomes processed which could createopportunity effort for Public. Wrong only one,Edamame beans can be used as a dish Ice Cream Peanut Edamame Sukamanah. Although ice cream no foreignheard, but with a blend of peanuts This edamame gives a different sensation to anybody which taste it. By because it , processing peanut edamame Becomes Ice CreamPeanut Edamame is method new for enjoy peanut edamame.

Target To Be Achieved

Specifically, the targets to be achieved are:

1. Widely recognized product.
2. Managed his finances to see business growth with simple financial reports.
3. Increasing connections and markets.

4. Have IUMK as business legality.
5. Able to make innovations in running a business.

Legal and Operational Foundation

The legal basis in the implementation of COMMUNITY SERVICE activities , among others:

1. UU no. 9 of 1995 concerning Small and Medium Enterprises.
2. PP No. 32 of 1998 concerning the Guidance and Development of Small Business.
3. UU no. 20 of 2008 concerning Micro, Small and Medium Enterprises.

Systematic

The type of community service used in this community service is a survey, case study with descriptive method. Place and Time of Devotion. This activity is carried out following the length of the Community Service period , activities that include surveys, preparation, data collection, data analysis, and report preparation. These times and activities are flexible. Place (Object)

Types of Data Collection, The type of data used in this Community Service is Subject Data. The data sources used are primary data and secondary data.

1. Primary data
Primary Data Sources were obtained through interviews with informants. Informants are people who are asked for information about a fact or opinion through questions and answers / interviews. Informants in Community Service In this Community Service Primary data used is direct observation and interviews with informants while in the field.
2. Secondary Data
Secondary data is obtained from objects regarding history, profiles, regulations and policies, as well as documentation of activities related to micro-enterprises . Regency. Bogor .

Goals Innovation

The community is one of the roles that must innovate. Utilization peanut edamame results from sorting which innovative will increase knowledge in exploiting opportunities from edamame beans, growing creativity, and increase people's income.As form utilization peanut edamame which sorted or no Fulfill conditions for marketed. Increase income Public Increase creativity society .

Benefit innovation for the community between other , Society could entrepreneurship , Increase empowerment society . Create product innovation from peanut edamame into Sukamanah Edamame Ice Cream The procedure for creating innovative edamame peanut ice creamis as follows:

Development of Micro, Small and Medium Enterprises (MSMEs)

According to Sugiyonon (2009:297) Development or Research and Development (R&D) is a basic research activity to obtain information on user needs (needs assessment) then proceed with development activities to produce products and

assess the effectiveness of these products. Development is a process, a way of developing, while developing is an order to always try to develop gradually and regularly which leads to the desired target (quoted from KBBI, 1989:414).

From this definition, it can be seen that development is an effort to improve all aspects of the organization in order to lead to the achievement of goals. Meanwhile, according to Amin Widajaja Tunggal which states that development is an effort made by the organization to improve the implementation of work which refers to the ability to increase the responsiveness of the organization to environmental changes to achieve efficiency and effectiveness. Meanwhile, according to Moekijat in Wijayanti (2002:33) expressed the opinion that development is every effort to improve the implementation of current and future work , by providing information, influencing attitudes or increasing skills.

The expected results from the development are that MSMEs have knowledge of new information, then are able to apply this knowledge to improve performance and skills and change behavior for the better as one of the efforts in achieving organizational goals. Meanwhile, in relation to the development of the MSME sector, Law Number 20 of 2008 concerning Micro, Small and Medium Enterprises explains that the essence of development is an effort made by the Government, Regional Government, the business world and the community to empower Micro, Small and Medium Enterprises through the provision of facilities. mentoring and strengthening assistance to grow and improve the ability and competitiveness of Micro, Small and Medium Enterprises. The principles and objectives of MSME development according to Chapter II, Article 4 and Article 5 of Law no. regarding MSMEs, the principles and objectives of MSME development are:

1. MSME Development

The growth of independence, togetherness, and entrepreneurship of SMEs to work on their own initiative. Realizing transparent, accountable and fair public policies. Regional potential-based and market-oriented business development in accordance with the competence of MSMEs. Increasing the competitiveness of SMEs in the implementation of integrated planning, implementation and control.

2. MSME Development Goals

Realizing a balanced, developing and just national economic structure. Grow and develop the ability of MSMEs to become a strong and independent business. Increasing the role of MSMEs in regional development, job creation, income distribution, economic growth, and poverty alleviation. In Law no. 20 of 2008 is also explained that the Government and Regional Governments facilitate business development in the fields of:

- a. Production and Management
- b. Marketing
- c . Human Resources
- d . Technology Design

MSME Classification

In its development perspective, Micro, Small and Medium Enterprises (MSMEs) are the business groups that have the largest number. In addition, this group has proven to be resistant to various kinds of shocks from the economic crisis. So it is

imperative to strengthen the MSME group that involves many groups. The following is the classification of Micro, Small and Medium Enterprises:

1. *Livelihood Activities*, are Micro, Small and Medium Enterprises (MSMEs) that are used as job opportunities to earn a living, which more generally can be called the information sector.
2. *Micro Enterprise* is a Micro, Small and Medium Enterprise (MSME) that has an entrepreneurial nature.
3. *Small Dynamic Enterprise*, is a micro, small and medium enterprise (MSME) that has an entrepreneurial spirit and is able to accept subcontract and export work.
4. *Fast Moving Enterprise*, is a Micro, Small and Medium Enterprise (UMKM) that already has an entrepreneurial spirit and will transform into a Big Business (UB)

Roles of MSMEs

Micro, Small and Medium Enterprises have an important role in economic development and growth, not only in Developing Countries (NSB), but also in Developed Countries (NM). In developed countries, MSMEs are very important, not only that these business groups absorb the most labor compared to Large Enterprises (UB), as is the case in developing countries, but also their contribution to the formation or growth of Gross Domestic Product (GDP) is the largest compared to the contribution of Businesses. Big (UB).

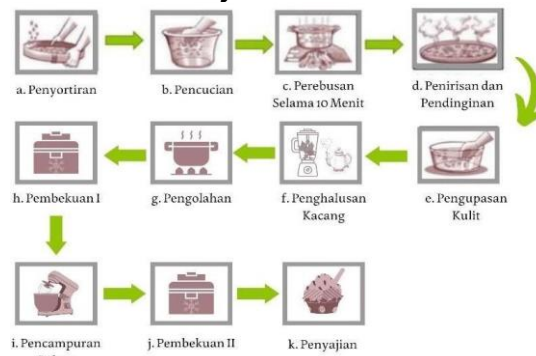
Ratio Innovation

Question and Answer Innovation Village love through ask answer by direct with participants during the technical guidance/socialization activity of Edamame Ice Cream love

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<p>Question 5: is Edamame Peanut Ice Cream can plus variant flavor other?</p>	<p>Of course can, adjusted to appetite each,</p>
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Input and Output results Community service _ _



Picture 1. Input and Output Result

IMPLEMENTATION AND METHOD

- 1) Wash peanut edamame with water flow until clean
- 2) Prepare a pot and water that has been salted, then boil the beans edamame for less more 7-10 minutes
- 3) After the skin of the edamame is yellowish, remove it and drain
- 4) After cold, peel it off peanut edamame from the skin
- 5) After peeled, puree peanut edamame which are already boiled just now
- 6) Prepare pot for processing peanuts edamame, add milk , coconut milk, sugar, salt, vanilla, pandan leaves, and water gradually. Then cook use fire which small and stir until mixed with equally
- 7) After boiling, add the dissolved cornstarch. Then stir again until mixed and ripe
- 8) Once cooked, pour the ice cream mixture into the container, then input to in cooler ice and wait During a number of o'clock until freeze
- 9) After freeze, add *ovalet* to in dough ice cream, then stir using mixer until it changes the texture to be cream
- 10) After done mixer, pour batter ice cream to in cup and freezer return into the cooler

ice

11) Ice peanut cream edamame even ready for sale

Sukamanah edamame ice cream innovation is innovation Sukamanah Village by processing edamame beans that do not pass the sorting Becomes serving ice cream peanut edamame like it . Processing peanut edamame Becomes ice cream peanut edamameis method new to enjoy edamame beans

For the realization of the implementation of the Community Service program in Banjarsari Village which can provide optimal or maximum results in the future , several suggestions can be made, namely:

- a. Fulfillment of facilities and needs required by . for the coming year further improved.
- b. In the implementation of the Community Service debriefing, it is hoped that the parties can add more trainings that are empowering for the community
- c. It is better to increase the assistance funds for MSMEs because with the current situation the price of necessities is increasing and field needs are different.
- a. To MSME partners, so that what has been given . Community Service can be accepted and applied to his business.
- b. For MSME partners to be more open with their presence. for mere presence. to help grow their business.
- c. SMEs are expected to complete the program. Inadequate community service and continuing sustainable programs.
- d. Improve communication and good attitude with MSMEs and the community.

CONCLUSION

As an activity that has been carried out in an educational environment that is directly related to the surrounding community, this community service is certainly have implications in the field of education and social. The final results of community service activities that focus on studies on MSMEs show that there is a significant relationship between students and the community who run these MSMEs . among others :

1. Sharpen social and cultural knowledge in society
2. Cultivating empathy, sympathy and participation in the surrounding environment
3. Able to implement the academic potential gained while carrying out knowledge in the educational environment
4. Developing creative and innovative ways of thinking as students of the economics faculty in entrepreneurship

The impacts felt by MSME actors and the surrounding community with the community service program are as follows :

1. Increase theoretical knowledge in running a business
2. Knowing the importance of financial statements in entrepreneurship

3. Able to compile simple financial reports
4. Planning in making new products that are more creative in order to be able to compete in a healthy manner

In accordance with the results of community service , that the existence of a bookkeeping system for the tempe production process in Ciderum Village is greatly helped in an effort to increase the income of tempe craftsmen through community service programs that have been carried out with programs such as daily financial records, making IUMK and tempe logo creation. Therefore, it can be concluded that the community service programs that have been applied to Small and Medium Enterprises (SMEs) for tempe products in Ciderum have been running quite effectively and efficiently according to the plan .

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