



## Processing Beautiful Banana Nuggets for Assembly Group

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### ABSTRACT

This service is carried out to increase the ability of partners to create home industry products, change in productivity insights for productive people in entrepreneurship, increase household income in supporting the family economy. From the results of monitoring and evaluation, it is concluded that (1). The IbM program is very beneficial for the taklim assembly group, because with the home industry making beautiful banana nugget products, it can help increase the income of mothers. (2) The ibM Program Team and the Taklim Assembly group partners who have been given guidance and practice in making products can take advantage of the regional potential in their plantations or around their environment so that they can open up job opportunities and increase family income.



## Introduction

The level of public education is one of the important things in advancing the level of welfare in general and at the economic level. With higher education it will boost the level of proficiency. The level of proficiency will also encourage the emergence of entrepreneurial skills and in turn will encourage the emergence of new jobs, thereby helping the government's program to open new jobs to overcome unemployment.

Public education is an indicator of the welfare and success of the development of a region. The level of public education influences a person's way of thinking, especially in analyzing a problem. If you look at the social background of the Parangloe sub-district, it has not been maximally encouraged to participate in utilizing and developing technology (science and technology). As a result, many people in the Parangloe sub-district have no activities or jobs.

This can be overcome by providing a skill that can be developed to meet the needs of life by processing bananas in the Lanna village. Banana is a type of fruit that can be processed in various variations, very suitable for processing into chips, barongko, pallu butung, fried bananas and various traditional preparations. Bananas can be used as an alternative staple food because they contain high carbohydrates, so they can replace rice and flour as consumption. (Prabawati et al, 2008).

Along with the development of technology and the dynamics of community needs, bananas can be processed and developed into a new type of cake that is not yet known in marginalized communities or rural communities, namely "Beautiful Banana Nuggets", in various types of flavors and aromas. One of the interesting aspects to be introduced to the community in the Lanna sub-district, Parangloe sub-district, is "Beautiful Banana Nuggets", where many banana trees grow from this sub-district which produce fruit, which until now has only been sold in raw form or waiting to be ripe. , then brought to the market for sale. However, this has a much higher economic value if processed properly in the form of "Beautiful Banana Nuggets".

The lack of public attention to banana processing is because the community focuses more on working on rice fields and gardens, as well as knowledge about banana processing is still very minimal (limited). With the application of appropriate technology, banana processing becomes "Beautiful Banana Nuggets", using appropriate technology. Following up on the phenomena that have been disclosed, real action is needed to empower the people in the Lanna village, Parangloe sub-district by inviting them to explore economic potential that can increase income and consumption value.

From the presentation of the situation analysis, the problems faced by the Lanna sub-district community group are as follows, (a) The low level of community knowledge about bananas which can be processed into new products at the household scale, (b) Partners do not yet have knowledge about how to business easily, precisely and correctly, (c) Partners do not understand the home industry as a business with high economic value so they have not tried it and (d) Partners still have narrow insight and are shackled by unfavorable environmental conditions because in general people only think how to earn income but do not think how to do something useful to boost their productivity.

Through this PkM activity, the servant will facilitate partners in helping direct them to positive and beneficial activities so that the potential possessed by the Partner community can be useful in home industry activities that are in accordance with the community's level of ability, so that by increasing productivity, partner groups will improve their welfare. The service that will be carried out through the application of appropriate technology is that the products launched in this service are (a) "Beautiful Banana Nuggets", with the consideration that the raw materials are often found, especially in the Lanna sub-district, Parangloe sub-district and (b) The capital required is relatively small and the technology what is needed is not too difficult.

## **Methods of Implementation of Activities**

The method applied to the implementation of this PkM activity program is the provision of science and technology training on the processing of bananas for types of food in the form of "Beautiful Banana Nuggets", for the people of the Lanna village, Parangloe sub-district, Gowa district, can be carried out using the approach method through activities, (1) Method Counseling. This method is used to explain the ways and benefits of "Beautiful Banana Nuggets", both from the consumption and income aspects. (2) Practical Training Method. and equipment needed in the processing and (b) Practice or demonstrate how to process bananas to become the product "Beautiful Banana Nuggets". Based on the description above, the programs implemented are as follows:

#### *The first stage:*

Providing counseling, explanations on how to process bananas, both related to consumption value and regarding income obtained through marketing from the sale of "Beautiful Banana Nuggets".

#### *Second Stage*

Providing training or practicing how to process bananas into a type of food in the form of "Beautiful Banana Nuggets". It is hoped that in this activity the target community will attend and participate in practicing how to process bananas into "Beautiful Banana Nuggets".

#### *Third Stage*

Conduct monitoring and evaluation of the target community who have participated in the practice of processing bananas into "Beautiful Banana Nuggets". The goal is to find out the independence of the target community in carrying out processing activities for "Beautiful Banana Nuggets"

### **Findings and Discussion**

This activity was attended by the Taklim Council of Karunia Kelurahan Lanna District, Parangloe District, Gowa Regency, who initially communicated with group partners to agree on this activity, which was then carried out by socializing and providing materials and making products.

#### *Activity Implementation*

The PkM activity of making beautiful Psang Nugget products for the group of mothers of the Taklim Assembly in the village of Lanna is organized through the following steps

(a) Communicating and coordinating between the Implementation Team and Partners, (b) Preparing equipment and raw materials for making Nugget pretty bananas, (c) Socialization of the IbM program and training on how to make Nugget pretty Banana products, (d) Demonstration of how to make banana products Beautiful nuggets and (e) Practice how to make beautiful Banana nuggets.

#### *Participants Participants*

This community service activity is carried out through the UMI internal PkM program in 2019, which is an LPMD work program with partners, namely the Taklim Karunia Council group in Lanna village, Kec. Parangloe of Gowa Regency totaled 20 people. Coordination and socialization activities with Partners are carried out by the Chief Executive and members with the Taklim Karunia Council group.

#### *Review of results achieved*

From the results of field service, the review to be achieved is:

(a) Increasing the ability of partners to create household industry products, (b) Changing productivity insights for productive people in entrepreneurship and (c) Increasing household income for productive people in supporting the family economy.

Input from the community for service activities, activities like this are very useful for them and hope that activities like this will continue so that their understanding and insight and knowledge will always increase.

### *Activity Evaluation*

The Science and Technology Program for the Community began with a meeting with the Team (Chairman and members) conveying that in this activity socialization was carried out regarding the existence of PkM activities carried out in the village of Lanna Kec. Parangloe to discuss the implementation of activities. Then the plan for implementing the stages of activities is discussed, such as the implementation schedule, the activities carried out, among others

Product manufacturing technical training, which was carried out together with Partners and the Processing and Product Handling training team as shown in the following figure 1.



**Figure 1.** Leaders and members of the PKM Team in Gowa Regency.

In this figure, socialization of extension activities is carried out, by providing knowledge about the need to increase knowledge in entrepreneurship so that they can get jobs and income to meet the needs for survival. Instill skills in partner groups on how to do good and right entrepreneurship so that they can be successful and can increase their capacity by encouraging the ability to work so that they can achieve family prosperity through business activities.

### *Training Stage*

At this stage the partner group was given training on how to make beautiful banana nuggets, several things were conveyed including (1) Marketing Aspects, "Beautiful Banana Nuggets", which are produced can be marketed, both in traditional markets and modern markets, for example super markets, cake stalls or places - elsewhere, (2) Aspects of Processing Bananas are very beneficial for the body, also a source of food that contains carbohydrates, so it's no wonder that bananas can be consumed at all age levels, from infants to the elderly, teenagers to adults, from village to city.

Bananas, which are often found in markets, villages and cities, have been widely used by the community to meet their needs for food, although there are still very limited ways of

processing them. However, with the application of appropriate technology, bananas can be processed into types of food with higher consumption value as well as income.



**Figure 2.** The Process of Making and Frying Beautiful Banana Nuggets

The process of making and frying banana nuggets is pretty like

1. Cut the banana into 6 pieces and mash with a fork.
2. White bread cut into small squares.
3. Mix the mashed bananas with the bread, add the sugar, salt, cornstarch, powdered milk, mix well, add a little water, then add the beaten eggs.
4. Stir until smooth and lastly add the cheese.
5. Steam for 30 minutes
6. After cooking cooled then cut into small pieces according to taste
7. Put the bananas in the flour solution
8. Roll in bread crumbs while pressing so that it sticks
9. Place in the freezer for up to 1 hour
10. Fry until brown over medium heat
11. Add grated cheese, brown sugar, almonds, peanuts, chocolate bars.



**Figure 3.** Beautiful Banana Nugget Products

#### Problems/ Obstacles Faced

1. The geographical factor is the location of Lanna village, Parangloe sub-district, which is in a rural area with limited transportation facilities. The distance to the capital city of Makassar is approximately 44 km.
2. The low knowledge of the community at the location of the Partner group so that they tend to act and act less rationally causes low community productivity.
3. Partners do not have knowledge about how to do business easily, precisely and correctly,
4. Partners don't understand the home industry as a business with high economic value, so they haven't tried it yet.
5. Partners face obstacles in the low level of education and skills, so they are less open minded to try.

#### Conclusion

1. The IbM program is very beneficial for the taklim assembly group, because with the household industry making beautiful Nugget banana products, it can help increase the income of mothers.
2. The IbM program that has been carried out in the Majlis Taklim group has gone well without a hitch.
3. The ibM Program Team and their partners from the Taklim Karunia Council Group who have been given guidance and practice in making products can take advantage of the regional potential in their plantations or around their environment so that they can open up job opportunities and increase family income.

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