

September 2020

# GREEN PAPUA NEWS

Green Economic Growth Programme for Papua and West Papua Province

Green Papua Stories

## Involving The Youth for the Future of Bring Village



It was due to the personal initiative of Mr Elisa, the head of Bring Village that GEG came to work in Bring Village. Mr Elisa believes that cacao is the best commodity to grow in Bring Village. He says that cacao is easy to care for and easy to sell and will bring benefits to the community. He bases this on his previous experience as a wet cacao bean wholesaler.

According to Mr. Elisa, restoring "the past glory of cacao" to his village is very important for two main reasons. Firstly, the number of young people in the village is quite high so it is important to create a

positive activity to occupy this productive young population and prevent them from engaging in the activities which cause negative impact. Secondly, he wants to create a stable economic activity in order to keep this young population in the village engaged and to develop the village assets, namely the vast and fertile land.

He then set up a millennial cacao group in Bring Village and allocated village funds to finance the clearing of cacao land and built another nursery structure in his village.

Both Mr. Elisa and the customary chief entrust the business management of the cacao to this group because they believe this millennial youth have the ability, energy and enthusiasm needed to rebuild the glory of cacao in their village. They hope that the youth community in the village can utilize the technical assistance provided by GEG to consistently rehabilitate and care for the cacao plantations.

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*Increased access for producer groups, MSMEs and Intermediary Service Providers for supply chains, markets, services and appropriate technology*

## Nutmeg Shell Crusher Machine (Huller) and Nutmeg Husk Separator Machine (Blower) ready for Fakfak



In preparation for the big nutmeg harvest season in October to January, GEG has procured two types of agricultural machines: one to automate the process of separating the nutmeg from its shell (huller) and the other to separate the nutmeg from its husk (blower). This initiative is carried out to increase the efficiency of the post-harvest processes which hopefully will bring a positive impact to the quantity and quality of the nutmeg produced.

In general, the nutmeg peeling process in Fakfak is done manually and takes a long time thus it is the hope that these machines will ease the burden on farmers and can help nutmeg farmers maximizing their production volume. In addition, these two machines are especially made to follow the oval shape of Fakfak nutmeg- which is different from Banda nutmeg which tends to be

round - the shelled nutmeg then remains intact and does not break. This is sometimes the case when done manually.

The two machines will be sent to Fakfak to be tested and if successful, GEG together with the Fakfak Plantation Agency will carry out a process of identifying machine requirements to determine the number of machines to distribute to farmer groups in need.

# Researching and Developing the Potential of Nutmeg Fakfak Fat



One of the most interesting products which is currently being researched and developed by GEG is the extraction of nutmeg oil or what can be referred to as "fat" because of its consistency. Interestingly, throughout centuries of the nutmeg industry in Papua, this product has not been tried until now. This has been made possible due to technical and market assistance supported by GEG. Nutmeg fat has very promising prospects with a lot of interest coming from the cosmetic industry, pharmaceutical industry and food additive industry.

This derivative product was chosen as a response to some of the main challenges from nutmeg producers in Papua. One of the main challenges of developing the nutmeg value chain is the cost of delivery, which can be significantly reduced if raw nutmeg is processed into nutmeg fat which can also be sold at a higher price. There are also many additional advantages with a huge economic impact such as creating more jobs with better wages, increasing and expanding technical skills and opportunities for Papuan youth, increasing the significant benefits at the local level and also reducing the carbon footprint of the industry as a whole.

During the month of September, GEG team has successfully tried and established pressing techniques, found the right settings/

calibrations for this machine and succeeded in producing several nutmeg fat samples which were sent to a laboratory in Bogor for chemical analysis. This would then be sent to potential buyers together with the sample.

GEG will send this press machine to Fakfak together with several technicians from Bali for installation and training on using the machine. Simultaneously, these nutmeg fat samples will be tested and tried in various recipes and cosmetic products.





## The Economic Strategy of Seaweed Farmers in Yende Island, Wondama Bay Regency During the Pandemic Period



GEG team has only just been able to conduct a field visit to Roon Island, Yende Village in Wondama Bay Regency this September due to the COVID 19 restrictions. During this visit the team saw a significant change in peoples' behavior to improve their economy. The main changes seen in the implementation of some simple business strategies:

Firstly, seaweed farmers have invested in buying seaweed seeds independently. They have used their personal money as well as Covid-19 assistance funds to purchase seaweed seeds. This is the case for ten seaweed farmers in Yende Village.

Secondly, seaweed farmers have used the knowledge gained from GEG to save seaweed seeds using the nets provided by the GEG earlier

in February this year. This simple technique was introduced by the GEG to protect seaweed seedlings in adverse weather conditions.

Thirdly, some seaweed farmers are actively drying their own seaweed so that it can immediately be sold to the buyers when they come. For example, Mr. Yustus Ayamiseba from Yende is still actively planting seaweed during the pandemic and has dried up to 60 kg of seaweed.

This initiative of the seaweed farmers to further develop their business by themselves has inspired GEG to provide technical assistance and relevant training and to connect them to the market.

## Highland Roastery: A Place to Improve Knowledge and Skills of Papuan Coffee, Roastery & Coffee Mix



GEG consistently encourages and develops the Highland Roastery to become the Papua Coffee Lab which is a learning center for Papuan coffee: as a place to introduce various types of Papuan coffee and to learn new skills and knowledge about Papuan Coffee. To support this GEG is assisting the Highland Roastery to rehabilitate the buildings owned by Yafeth Wetipo where roastery and barista training will be carried out and

also to provide the machines needed for the cafe .

It is hoped that the existence of Highland Roastery as the Papua Coffee Lab can bring a positive impact in improving the quality of human resources and to foster the sustainability of the coffee industry in Papua. This is a special place for Papuan youths to improve their skills.

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*Development of agribusiness intervention plan  
which were implemented at pilot sites*

## Bibit Sambung Pucuk Pala Sebagai Solusi Untuk Meningkatkan Produksi Pala Fakfak

Fakfak Plantation Office, in collaboration with GEG, conducted a three days nutmeg grafting training on 21, 24 and 25 September 2020 at the Plantation Service Nursery, Fakfak. This training was delivered by Dr Mustafiril, ST, M.Sc, Chair of the Aceh Nutmeg Forum and was

officially opened by the Deputy Regent of Fakfak, Abraham Sopaheluwakan. Mr. Sopaheluwakan stated that this training is a solution from the government to answer the problem of inequality in the numbers of male and female nutmeg trees in Fakfak forest.



In addition, propagation of seeds using this technique allows farmers to select seeds that have good properties such as resistance to pests, high productivity and fast fruit production within 2-3 years after planting.

In the future, the participants of this training are expected to be able to assist

the government to train the nutmeg farmers in the villages. Head of the Fakfak Regency Plantation Service stated that grafting training for nutmeg farmers in villages will be programmed in 2021 so that farmers can make their own seedlings for their own farms.

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*Mobilization of public and private sector support in targeted supply chains through a process of knowledge-sharing and demonstrating the success of the Papua GEG Programme*

## Support of BPTP Papua Province in Developing the First MCC-02 Cacao Clone Entree Farm in Jayapura Regency

Karya Tani's Cacao Farmer Group in Takwa Bangun Village, Yapsi District, a group mentored by GEG, took the initiative to build a grafting nursery in their area using the village enterprise's land (7 hectares). This initiative is very

crucial to ensure the sustainability of the cacao industry and is an investment in natural resources and therefore receives the support from both GEG as well as the Papua Province Agricultural Technology Research Center (BPTP).



The Papua Province BPTP assisted the process of building the first MCC-02 cacao clone grafting stock farm in Jayapura Regency by covering the costs of procuring graft stock seeds - which is very high- from ICCRI (Indonesian Coffee and Cacao Research Institute) in Jember, East Java.

This September, 1,050 MCC-02 graft stock seeds purchased by the Papua Province Agricultural Technology Research Center (BPTP) from ICCRI arrived in Jayapura Regency in the form of plantlets (dormant plant seeds) which were directly planted by cacao farmers in Takwa Bangun Village.



## Collaboration between Wilchhof Coffee Manokwari and JCO Sorong to Supply Papuan Coffee



This September, Wilchhof Coffee, one of the GEG intermediate service providers (ISP) in Manokwari, West Papua, has just agreed to cooperate to become a regular supplier of Papuan coffee for JCO Sorong. They will supply 150 kg roasted coffee beans per month.

JCO, which is a franchise that focuses on selling donuts of various flavors, frozen yogurt and coffee, previously did not use Papuan coffee but was willing to make the transition because of the guarantee of a stable supply of Papuan coffee beans thanks to the consistent effort in establishing market linkages and coffee

supply. Wilchhof Coffee is currently getting regular supply of coffee beans from GEG-assisted ISPs in Jayapura, Highland Roastery, and several other existing hubs in Jayapura.

The pattern of coffee supply and the new collaboration that has been formed shows the success of GEG interventions since 2018 in encouraging farmers to manage their coffee farms to boost production and productivity, improving post-harvest coffee treatment to maintain coffee quality and creating connecting markets that facilitate the flow of coffee sales in Papua.

The more cafes, hotels, and franchise business networks that follow JCO's footsteps, the higher the needs of Papuan coffee which will encourage the farmer to care more for their coffee farm to support the business sustainability and the preservation of Papua's forests.

## Webinar Perkembangan Program Pertumbuhan Ekonomi Hijau di Provinsi Papua & Papua Barat

On 23 September 2020, GEG conducted a webinar to communicate the progress of GEG program implementation in Papua Provinces. This webinar was attended by 48 participants from the Ministry of Villages, Development of Disadvantaged Regions, and Transmigration,

The Government of Papua Province, the Government of Jayapura Regency, Jayawijaya, Manokwari, Biak Numfor well as representatives of other NGOs operating in Papua Provinces, local NGOs in both provinces as well as representatives of young entrepreneurs.



There were many interesting questions about the different approaches used by GEG in program implementation; the impact of program interventions on the community income; the adoption process of the GEG program by related agencies and also the progress of GEG collaboration with other similar initiatives undertaken by other NGOs. The participants seemed very enthusiastic and hopeful that in the future there would be a follow-up seminar on GEG which would be more focused on specific commodities so that there would be deeper discussions and cross-regional learning processes on efforts to develop those commodities.

This webinar was officially opened and closed by Mr. Samsul Widodo, Director General of Disadvantaged Regions, Ministry of Villages, Development of Disadvantaged Regions, and Transmigration. During the closing he emphasized that GEG is expected to create an ecosystem consisting of all relevant ministries, local governments and also private sectors to ensure the sustainability of the programs in the field and to provide the biggest impact to the community.



## GEG Website

[www.ekonomihjaupapua.org](http://www.ekonomihjaupapua.org)

GEG has updated the program website to facilitate access to GEG information and to facilitate communication with donors, government partners, other programs and business actors in Papua Provinces regarding GEG activities. This website can be accessed via this link <https://www.ekonomihjaupapua.org/>.

The information on this website will be continuously updated to reflect all activities, contributions and support as well as collaboration that helps the implementation of GEG in Papua Provinces.



**Program Pertumbuhan Ekonomi Hijau Provinsi Papua dan Papua Barat**

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