



## Green Story



## Agnes Filusia May: Turning zero to one hundred bottles of iced coffee

Agnes Filusia May is a mother of two daughters, aged 6 and 7 years old. She has been selling food online since 2016. When she heard about the GEG initiated barista training at the Highland Roastery in Jayapura on October 2020, she immediately contacted the GEG team to participate.

This was the first time Agnes has worked with Papuan coffee and was extremely grateful because the skills and knowledge gained from this training have been easy to apply in creating profitable products.

Agnes finally dared to start producing her own iced coffee products in November 2020. To produce her iced coffee, she bought espresso coffee from Highland Roastery at IDR 50.000/ litre and then turned it into 2 flavours of iced coffee namely tiramisu and original.

Her current iced coffee customers has expanded to include customers from government offices and also customers from other cities in Papua. As of February, Agnes has just sent 20 bottles of coffee to customers in Merauke.

Currently, Agnes can produce up to 200 bottles of iced coffee each week that consist of 5 different flavours namely original, tiramisu, vanilla, palm sugar and coconut. The price is IDR. 25.000/ bottle and they always sell out everytime.

"I plan to buy my own espresso machine to reduce the production cost", she tells us enthusiastically. Agnes's story highlights the GEG program strategy to work with young entrepreneurs to develop small businesses that are embedded in green commodity value chains such as coffee. Such entrepreneurs can drive demand for good quality Papuan coffee and as they expand create employment opportunities along the value chain.



## The Visit of Ministry of Village to Sorong and Fakfak Districts



This February, Ir Eko Sri Haryanto, MM, Director General for the Development of Disadvantaged Regions and Dwi Rudi Hartoyo, Director of Harmonization of Special Regions Development from Ministry of Village, visited 2 locations of GEG intervention, Sorong and Fakfak Districts. It was the first visit of Ir. Eko Sri Haryanto MM as a new appointed Director General of the Directorate General for the Development of Underdeveloped Regions to West Papua in 2021.

The Director General and his entourage visited the seaweed cultivation area on Arar Island and had a discussion with Pak Sahaka, the head of a seaweed farmer group in Arar. The discussion was on Sahaka's plan to replant seaweed around Arar Island.

To support Pak Sahaka, the Director General appointed a P3MD (Village Community Development and Empowerment Program) staff in Arar, Ms. Fina, to support

Pak Sahaka's seaweed group. It is planned that GEG program will also support the logistics and construction of solar drying houses for this group.

In Fakfak, the Ministry of Village's entourage shared information about the regent's recent local regulation regarding technical guidelines for the formation of village owned enterprises (Bumkam). These technical guidelines were written by the GEG team at the request of the Government of Fakfak and will now be shared in other locations by the Ministry of Villages. In this event Mr. Dwi Rudi Hartoyo also provided information on the Government Regulation No. 11 of 2021 concerning Bumdes/Bumkam which was legalized on February 2, 2021.

The Director General and his entourage also witnessed the signing of the MoU between Bumkam (Village owned enterprise) in Brongkendik and the company PT Kembang Christopharma who will buy the local residents' nutmeg balsam. He also witnessed a demonstration of nutmeg balm production by Kelomang womens group which is a GEG program supported group in Brongkendik village.



# UD Nadifah's Strategies in Expanding Seaweed Plantation Areas in Teluk Wondama District

The presence of the small enterprise UD Nadifah, as local collector of dried seaweed for farmers in Teluk Wondama District, greatly helped change the dynamics of this commodity value chain. Although primarily positioned as a buyer UD Nadifah has had a much wider impact in stabilizing the supply chain. Key strategies are outlined below.

UD Nadifah facilitated the transition of the community to be seaweed farmers by gaining community trust. Encouraging and changing the habits of the people who are generally fishermen to cultivate seaweed is not an easy process. It took Pak Banshir, from UD Nadifah, two years from December 2015 to 2017 to approach and gain the trust. During this time Pak Banshir and his team participated in all community activities, such as fishing, finding sea cucumbers and also buying community fresh catch from the sea while giving encouragement about the potential of seaweed. They finally got a good response from the first three villages to cultivate seaweed. They are



Yembe Kiri, Yariari and Yomber in 2018. This year they will expand to the other 9 villages in Wondama Bay.

UD Nadifah supported the community with a large quantity of propagules, more commonly known as seedlings. Previously, seaweed seedlings had to be imported from outside Papua such as from Java or Sulawesi with a high risk of the seedlings being stressed and dying on the way. However, with the presence of UD Nadifah, the seedlings have been distributed from one village to another. In each new area of seaweed cultivation, UD Nadifah provides seedlings of at least 500kg. The first distributed seedlings will be planted to generate more seeds which are then harvested and distributed to members of the seaweed group in a production farm so that the scale of harvest will be bigger.

UD Nadifah has assigned field staff to directly support the farmers. Currently UD Nadifah has 8 field staff in the villages of Yariari, Yomber, Aisandami, Yembe Kiri

including Pak Banshir who travels from one location to another. Their task is to guide farmers on how to cultivate, dry and store seaweed.

For the purpose of sustainability, UD Nadifah seeks to create local champions in each village to help farmers. So far, UD Nadifah has worked well with three local residents namely Philipus Kayukutui from Yembe Kiri and Gustaf Werbete and Levinus Wandau from Yariari Village. Their role is to assist other community members in cultivating seaweed.

These strategies of UD Nadifah in Teluk Wondama District are efforts to create a stable supply chain. A stable supply chain will help mitigate the risk of unavailability of dried seaweed and increase the production which of course has an impact on increasing the income of seaweed farmers. "My target is to cover all Wondama coastal areas with seaweed and for each cultivation location to produce at least 20 tonnes per harvest so that we can send at least 40 tonnes of seaweed per month," said Pak Banshir.





## A Collaborative Effort to Build South Manokwari As A Centre for Premium Cocoa Production in Eastern Indonesia

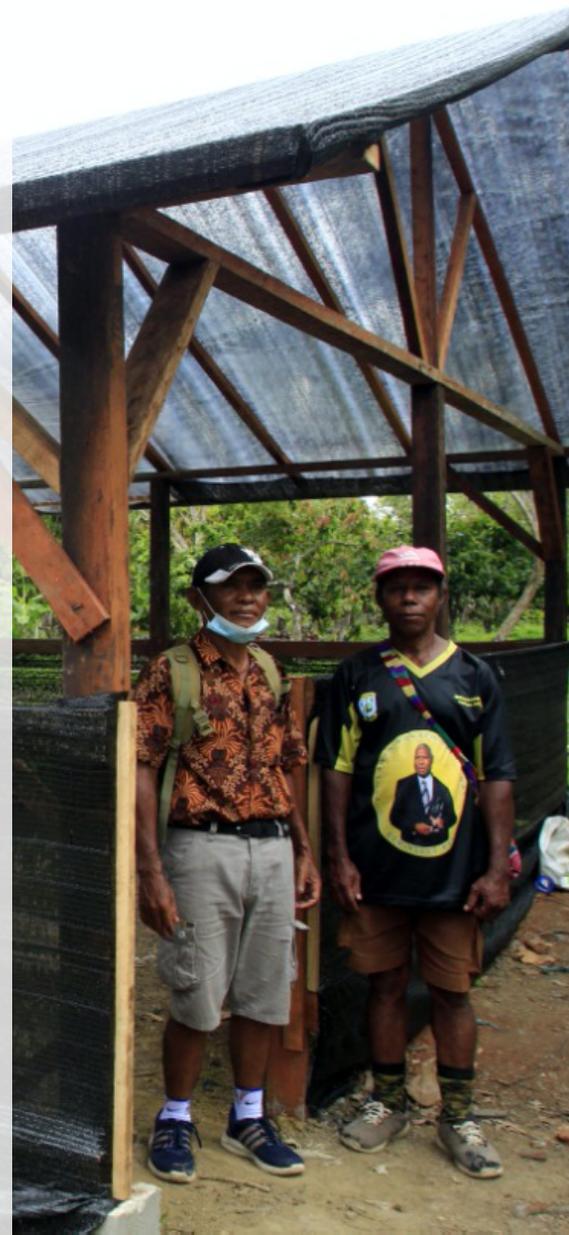
The intervention of GEG Program in Ransiki, South Manokwari began in 2020 and aims at conserving 12 cocoa clones that have unique flavors that are in demand from domestic and foreign buyers. This effort is in line with the concept of developing West Papua as a conservation province where Ransiki, South Manokwari District is a buffer zone for flora and fauna in West Papua.

As a form of the provincial government's commitment, the government of West Papua through Research and Development Agency has supported this effort by allocating from the special autonomy fund a total of 7 billion rupiah which will be used for the construction of a cocoa factory and innovation building in Ransiki.

On February 19, West Papua Governor Dominggus Mandacan laid the foundation for the construction of a cocoa innovation building in Ransiki. This building is a sign of positive collaboration between West Papua provincial government, district government, Eiber Suth cooperatives and GEG program.

In addition to the funds disbursed by the provincial government, the South Manokwari District Government will be involved by providing land and building several complementary facilities while the GEG Program will be involved in the process of planning the building design, planning factory layout as well as procuring the required cocoa processing equipment.

In his remarks at the ceremony the Governor of West Papua stated that the development of Ransiki cocoa as a primary no-deforestation product is one of the priorities of the West Papua Provincial Government in developing green economy as well as the provincial government's efforts to promote South Manokwari as a center for West Papua cocoa products. He hopes that the innovation building can stimulate and push an increase in the quality and quantity of cocoa production as well as development of products using cocoa beans originating from Ransiki. According to the governor "The construction of this establishment is a joint effort to build South Manokwari as a center for premium cocoa production in Eastern Indonesia."





## Green Economic Growth Programme for Papua Provinces

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