



No: 173/NAMCSSTC/X/2023

Date: 23 October 2023

**Program Activity Report: Standardized Coconut based product training:
Protection to Post harvest processing product –
Indonesia and Timor Leste, 24th to 29th September, 2023**

I. Introduction

It has been globally echoing, that Coconut is one of the estate crops commodities that played a crucial role for the support of most farmers income in agrarian country such Indonesia. Coconut has well known as tree of life, for it can be useful for every part of it, from the crucial function to support our well-being to the simple things, even such as straw in our hands and it did prove that coconut is zero waste product beneficially.

As a developing country, Indonesia nowadays continues to develop and synchronizing the sustainability development across multiple dimensions to break the technological in the terms of food secure. As the number of population increases, it must be followed with the increases source of food, but at the same time, the ecological environment still needs to be maintained, to avoid harmful activities as human impact. As mentioned above, Coconut as the major estate crops commodity is directly contribute it roles to concern food safety in this country.

Recognizing the potential gap triggered as the global demand between supply and needs of food, Coconut industry can positively alleviate hunger through the promotion of sustainable farming system, integrated coconut program in each potential region, development of marketable and profitable products and disseminate the healthy lifestyle by consuming healthy product which naturally abundant across the country. Commitment to support the sustainable agricultural practices must be practice hand by hand, and transparently to achieve our goals together, not only as decision maker, stake holders, but to the ground level, the farmers, and the neighborhood.

Through the commitment as the part of coconut producing country in South and East Asia, linked by the support of NAM-CSSTC program, we were committed to sharing knowledge, and the same way to exchange technology, capacity building, and strategic partnerships with other country such Timor Leste, under the bilateral agreement based on Memorandum of understanding between government of Indonesia and Timor Leste on 19 July 2023 that initiate the corporation to improve the agricultural sector to both country. Therefore, as implementation of the MoU, Indonesia, through Ministry of Agriculture – Agricultural Instrument Standardization Agency and Non-Alignment Movement NAM-CSSTC to strengthen Indonesia diplomatic and to support agricultural sector of Timor Leste through advance training program.

And for Indonesia Delegation BSIP offered to Wildlife Conservation Society (WCS) Indonesia Program, which already have joined cooperation with NAM CSSTC and International Coconut Community (ICC) for the unique of conservation area for Maleo in Bolaang Mongondow Selatan District, North Sulawesi Province, which the farmers are mostly depending to Coconut as main

source of Income, so hopefully with well-trained farmer through the training for protecting the palm and the potential value added of Coconut Product besides Copra, they will maximize their skill and Coconut potential without risking the conservation area.

Hence, this is to report the event “Coconut based product training: Protection to Post harvest processing product – Indonesia and Timor Leste” conducted on September 24-29 in Manado, North Sulawesi Province of Indonesia.

Objectives:

1. Sharing knowledge and exchange update coconut technologies between Timor Leste and Indonesia farmers
2. Developing standardized training in post-harvest processing and crop protection to trainers
3. Assessing training effectiveness through evaluating improvement in knowledge and skills of participants

II. Seminar Overview

Location : Manado, North Sulawesi Province – Indonesia

Times : September 24-29th 2023

Audiences :

No	Name	Country	Designation
<i>Participants</i>			
1.	Mr. Johanes dos Santos CR Soares	Timor Leste	Ministry of Agriculture
2.	Mr. Jose da Costa Ximenes	Timor Leste	Ministry of Agriculture
3.	Mr. Joao da Costa	Timor Leste	Youth Farmer
4.	Mr. Pedro Xavier Brito	Timor Leste	Extension Educator
5.	Mr. Pascoal de Deus Fedel	Timor Leste	Private Sector
6.	Miss Anita da Silva	Timor Leste	Coconut Entrepreneur
7.	Miss Ivonia Flavia da Costa	Timor Leste	Woman Youth Farmer
8.	Mr. Al Utiah	Indonesia	WCS farmer
9.	Mr. Irwan Makalalag	Indonesia	WCS farmer
10.	Mr. Zainal Bumulo	Indonesia	WCS farmer
11.	Mr. Rusman Mokodompit	Indonesia	WCS farmer
12.	Mr. Jasman Makalalag	Indonesia	WCS farmer
13.	Mr. Alfria David	Indonesia	WCS farmer
14.	Mr. Taufik Alhabsyi	Indonesia	WCS Consultant
<i>Distinguished Guests</i>			
1.	Mr. Ambassador Diar Nurbintoro	Indonesia	Director NAM CSSTC
2.	Mr. Eddy Supriyatno	Indonesia	Finance NAM CSSTC
3.	Mrs. Niken Supraba	Indonesia	Program NAM CSSTC
4.	Mr. Reynold Sitompul	Indonesia	Biro KLN Kementan
5.	Mr. Kepin	Indonesia	Biro KLN Kementan

6.	Mr. Syafaruddin, Ph.D	Indonesia	Head of BSIP Perkebunan
7.	Mr. Dani Medionovianto	Indonesia	BSIP Perkebunan
8.	Mr. Trisna Adhie	Indonesia	WCS IP Bogor
9.	Mrs. Astrid Soraya	Indonesia	WCS IP Bogor
<i>Speaker</i>			
1.	Mrs. Dr. Steivie Karaouw, STP.,M.Sc	Indonesia	BSIP Palma
2.	Mr. Dr. Patrik Pasang, S.TP.,M.Si	Indonesia	BSIP Palma
3.	Mr. Engelbert Manaroinson, S.P.,M.Si	Indonesia	BSIP Palma
4.	Mr. Yulianus Matana, S.P.,M.Si	Indonesia	BSIP Palma
5.	Mr. Muhammad Nur, S.P.,M.Si	Indonesia	BSIP Palma
6.	Mrs. W.Juniaty Sambiran, S.Si.,M.Si	Indonesia	BSIP Palma
7.	Mrs. Linda Trivana, S.Si.,M.Si	Indonesia	BSIP Palma
8.	Mrs. Dr. Novalisa Lumentut	Indonesia	BSIP Palma
9.	Ms. Rahma, S.P.,M.Si	Indonesia	BSIP Palma
10.	Mrs. Lidyana Maya Gosal, S.Si.,M.Si	Indonesia	BSIP Palma
11.	Mr. Oskar Saka	Indonesia	BSIP Palma
12.	Mrs. Maria Kapuallo	Indonesia	BSIP Palma
13.	Mrs. Poppy Mangadil	Indonesia	BSIP Palma
14.	Mr. Leman Raranta	Indonesia	BSIP Palma
15.	Mr. Efron Sundalangi	Indonesia	BSIP Palma
16.	Mr. Junus Sajangbati	Indonesia	BSIP Palma
17.	Mr. Rival Saka	Indonesia	BSIP Palma
18.	Mr. Aldi Katuuk	Indonesia	BSIP Palma
19.	Mrs. Vindriani Esra	Indonesia	BSIP Palma

III. Event Itinerary

Time	Date and Activity	Resource Persons / PIC
Day 1, Sunday 24 September 2023		
	Arrival of Timor Leste Participants and NAM CSSTC Team	BSIP Team
Day 2, Monday 24 September 2023		
	Arrival of Indonesia Participants and WCS Team	
Day 3, Tuesday 26 September 2023		
08.00 – 09.00	Hotel to BSIP Palma	
09.00 – 09.20	Welcome Remarks	Ir. Syafaruddin, Ph.D <i>Head of BSIP Estate Crops</i>
09.20 – 09.45	Opening Speech	Ambassador Diar Nurbintoro <i>Director of NAM CSSTC</i>
09.45-10.00	Tea/Coffee/Coconut Drink Break	
10.00-10.30	Update of Coconut Status and Coconut Technologies in Indonesia	Dr. Steivie Karouw, STP.M.Sc. <i>Head of BSIP Palma</i>
10.30 - 11.30	Topics of Discussion: <ol style="list-style-type: none"> 1. Development of innovation in coconutfarming system 2. An update of development and strategies for controlling of pest anddisease of coconut 	Chairman: Engelbert Manaroinson, SP.M.Si. Panelist: <ol style="list-style-type: none"> 1. Yulianus Matana, SP.M.Si. 2. W. Juniati Sambiran, S.Si.M.Si.
11.30-12.30	Discussion session	
12.30-13.30	Lunch	
13.30-14.30	Topics of Discussion: <ol style="list-style-type: none"> 1. Processing technology of high valuablecoconut food products 2. Processing technology of high-quality coconut oil and its by products 	Chairman: Muhammad Nur, SP. M.Si. Panelist: <ol style="list-style-type: none"> 1. Patrik Pasang, S.TP.MT. 2. Linda Trivana, S.Si.M.Si.
14.30-15.30	Discussion session	
15.30-16.00	Tea/Coffee/Coconut Drink Break	
16.00	Back to hotel	

Day 4, Wednesday 27 September 2023		
08.00-08.30	Hotel to BSIP Palma	
08.30-10.00	<ol style="list-style-type: none"> 1. Tapping of coconut neera and sugarprocessing 2. Processing of coconut products (Coconut processing unit-TSP: coconut oil, VCO) 	<p>Linda Trivana, S.Si.M.Si. Oskar Saka Aldi Katuuk</p> <p>Patrik Pasang, STP.MT. Maria Kapuallo Poppy Mangadil Rival Saka</p>
10.00-10.30	Tea/Coffee/Coconut Drink Break	
10.30-12.00	Processing of coconut products (Coconut processing unit-TSP: VCO and VCO-based products: Ice Cream)	<p>Linda Trivana, S.Si.M.Si. Maria Kapuallo Poppy Mangadil Rival Saka Vindriani Esra</p>
12.00-13.00	Lunch	
13.00-15.30	Visiting at: <ol style="list-style-type: none"> 1. Pest and disease laboratory Oryctes trap installation, Pests species identification 	<p>Dr. Novalisa Lumentut Rahma, SP, M.Si Lidya Gosal, S.Si, M.Si Oskar Saka</p>
15.30 – 16.00	Tea/Coffee/Coconut Drink Break	
16.00	Back to hotel	
Day 5, Thursday 28 September 2023		
08.00-08.30	Hotel to BSIP Palma	
08.30-10.00	Field visit at: <ol style="list-style-type: none"> 1. Pattern models of coconut and intercropping system and Coconut Nursery (Mapanget Site) 	<p>Yulianus Matana, SP, M.Si Leman Raranta <i>Mapanget Site Coordinator</i></p>
10.00-10.30	Tea/Coffee/Coconut Drink Break	
10.30-12.00	<ol style="list-style-type: none"> 2. Kopyor Plantation (Kima Atas Site) 	<p>Engelbert Manaroinson, SP.M.Si. Efron Sundalangi <i>Kima Atas Site Coordinator</i></p>
12.00-13.00	Lunch	
13.00-15.00	<ol style="list-style-type: none"> 3. Bido Plantation (Kayuwatu Site) 	<p>Muhammad Nur, SP, M.Si. Junus Sajangbati <i>Kayuwatu Site Coordinator</i></p>
15.00-15.45	Closing Ceremony	KP. Kima Atas
15.45–16.00	Tea/Coffee/Coconut Drink Break	

16.00-18.00	Back to hotel	
18.00-22.00	Inauguration Ceremony	Istana Laut Restaurant
Day 6, Friday 29 September 2023		
	Participants leave to Airport	

IV. Acknowledge

We would like to acknowledge and give our warmest thanks, firstly to NAM CSSTC, Mr. Ambassador Diar Nurbintoro and Executive Team, that put the trust to BSIP - Ministry of Agriculture, Republic of Indonesia as licensed agency to conduct this international event in Indonesia.

Secondly, we are highly appreciated the support of the Head of BSIP, Prof. Dr.Ir. Fadjry Djufry, M.Si., with Secretary of BSIP, Dr. Ir. Haris Syahbuddin, Dea, Foreign Affairs Cooperation MoA, Mr. Reynold Sitompul and Team, also for the full support from the Head of BSIP Estate Crops, Ir. Syafaruddin, Ph.D with Head of BSIP Palma, Dr. Steivie Kaurow, STP, MSc. for the intentional guidance that makes this event goes well.

We are also express our sincere gratitude to WCS IP Country Director, Dr. Noviar Andayani M.Sc. with Mr. Adhie Trisna and Mr. Danny Rogi and team for the support and cooperation to dedicate the program to improve coconut farmer welfare in conservation area.

Finally, we are also realized that this event was aren't flawless, our local team still learning and developing our skills to become a good host for the international level of event. But indeed, the hard works and the good teamwork, can be a future guarantee for the third party and the potential bilateral to multilateral event in the future.

Once again, we are appreciating for the fruitful agenda through this event, may Almighty God will return all those good efforts for all of us.

Attachment: Photo Documentation



Opening ceremony, conducted hybrid attended by Head of BSIP Estate Crops and Foreign Affairs Cooperation Department Ministry of Agriculture Indonesia



Training on processing VCO and coconut oil using the DME vs Fermentation Method and processing coconut jam



Tapping and cooking coconut sap into coconut sugar processing



Pests and diseases in coconuts identification and control strategies



Coconut fiber processing



Field visit to KP. Kima Atas site and closing ceremony