

PROJECT BRIEF

Project Title	SUPPORT TO SCIENCE & TECHNOLOGY COMMUNITY-BASED FARM ON ENHANCE CACAO AND COFFEE PRODUCTION IN DISTRICT II, ZAMBOANGA DEL SUR
Contact Person/ Address/ Contact Number	Joseph Marlou M. Jumud Pagadian City 0910-162-4048
Year Established	N/A
Date Approved for GIA Funding	November 2019
Date of Implementation	January 16,2020 to January 15,2021
DOST-IX GIA	₱1,348,480.25 (₱502,315.20 - to be disbursed by DOST IX) (₱846,165.05 - to be released to PLGU ZDS)
LGU's Counterpart	Representation expenses
Priority Sector	Agriculture
Project Brief Description	<p>The proposed support to S & T Community Based Farm (STCBF) on enhanced cacao and coffee in district II of ZDS shall be implemented by the DOST-IX through the Provincial Science and Technology Center in Zamboanga del Sur and shall be funded by the DOST-IX local Grant-in-Aid Fund. The project shall intervene through S&T on the proper identification of ideal site for cacao farming via scientific assessment of new sites considering some important environmental factors as well as proper timing application and use of recommended pesticides. Production and asexual propagation of quality variety of planting materials shall be done thru establishment of cacao and coffee nurseries in every municipality under district II to sustain the supply quality variety.</p> <p>The project focuses on the potential cacao and coffee farmers in district II of ZDS. It aims to enhance the newly established cacao and coffee farms in district II through STCBF approach. The project shall also target an increase of at least 30 hectares' cacao and coffee farm through the adoption of improved practices on cacao and coffee production and shall able to organize cacao and coffee farmers through S&T Community-Based Farm approach. It would enable to train more than 30 cacao and coffee farmers and 15 technicians on the appropriate S&T interventions for cacao production as well as to train one (1) project staff on producing varieties and planting</p>

	materials and eventually, can produce and distribute at least two (2) IEC materials on cacao production.			
DOST Services Availed	<ul style="list-style-type: none"> • SARAI Technologies • Trainings on Cacao and Coffee production • Grants-in-Aid Program 			
Product lines/ services Offered	BEFORE Cacao and Coffee beans		AFTER High quality Cacao and Coffee beans	
Markets	Cacao	Coffee	Cacao	Coffee
	Office of The Congressman -ZDS	Office of The Congressman -ZDS	MIFAMCO and MAITI	LGU-Ramon Magsaysay (Consolidator)
Equipment Acquired	30 pcs knapsack sprayer <ul style="list-style-type: none"> ○ 1 pc/demo farm 30 pcs pruning shears <ul style="list-style-type: none"> ○ 1 pc/demo farm 30 rolls knotless net <ul style="list-style-type: none"> ○ 1 roll/demo farm *Farm inputs 60 liters Herbicides <ul style="list-style-type: none"> ○ 2 liters/demo farm 60 liters insecticides <ul style="list-style-type: none"> ○ 2 liters/ demo farm 60 kg fungicides <ul style="list-style-type: none"> ○ 2 kg/demo farm 45 sacks fertilizers <ul style="list-style-type: none"> ○ ½ bag/ demo farm Foliar fertilizers			
Income (annually/hectare)	Cacao	Coffee		
	Php130,000.00	Php100,000.00		

Number of Cacao and Coffee farmers assisted	15 Cacao Farmers 14 Coffee Farmers A total of 29 demo farms were assisted thru the project.
Impact to the farmers	<ul style="list-style-type: none"> • Adopted S&T community-based farm approach. • Increased the number of area planted with cacao and coffee. • Capacitate the farmers on improved practices on cacao and coffee.
Impact to the locality	<ul style="list-style-type: none"> • Increased at least 30 hectares' cacao and coffee farm in district II ZDS through the adoption of improved practices in production; • Organized cacao and coffee farmers through the S&T Community Based Farm approach; • Trained more than thirty (30) cacao and coffee farmers and fifteen (15) technicians on the appropriate S&T interventions for cacao and coffee production; • Trained at least one (1) staff per municipality on producing best varieties and planting materials of cacao and coffee; • Produced and distributed at least two (2) IEC materials on coffee and cacao production; • Enhanced active participation and empowered community in promoting the application of the recommended technologies.
Ethical Responsibility (Care for the Environment)	<ul style="list-style-type: none"> • Proper waste disposal and proper use of pesticides set by Fertilizer and Pesticides Authority.
Social Responsibility Indirect Employment)	<ul style="list-style-type: none"> • Prioritized procurement of locally produced cacao and coffee beans. • Yields from these demo farms are procured by food processors in ZDS which employs workers in the locality.
Farm areas	Cacao- 7.5 ha. Coffee- 7 ha. Total- 14.5 ha.(Demo Farms)
Process	Farmers practice
Product	The cacao and coffee beans is in good quality that meet the standard requires by the market.
Proponent:	Provincial Local Government Unit of Zamboanga del Sur

The Products

High yielding and resistant to pest and diseases varieties of Cacao and Coffee planted by the farmers which resulted to superior quality that meet the standard set by the market that commands to higher market value.