



CONSORTIUM DIRECTOR'S REPORT

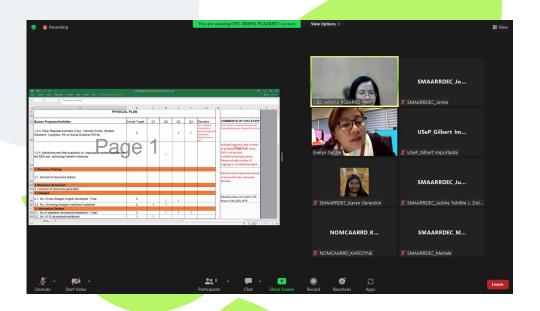
2nd QUARTER 2022 (March-June)

R & D Management and Coordination

Governance



Meeting with DOST-PCAARRD-COO



- Facilitated by DOST-PCAARRD and attended by SMAARRDEC Secretariat
- Discussed the adjustments on the consortium's physical plan 2022
- Held on June 8, 2022 via zoom application



CMI Visit



- Visited the Consortium Member Institutions (CMIs) namely DSSC and PLGU DavSur
- Status of on-going researches and settlement of unliquidated projects were discussed
- Also visited MS Lao's Integrated Farm & MBLRC in Bansalan, Davao del Sur
- Conducted on April 12, 2022.





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C M I Visit



Visited ATI-RTC XI & DNSC in Panabo and PLGU-DavNor & DENR-ERDB-ARDEC in Tagum on April 20, 2022.





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Project Monitoring: SciCAT-VIDA at Dimpas

Greenintegrated Agri-Tourism Farm







Conducted by USeP-RDE MonitoringTeam with SMAARRDEC represented by TTC
 Coordinator Evelyn A Gecale on June 10, 2022



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Project Monitoring: Faicata Guil-Rust -

Mindanao





 USeP-RDE MonitoringTeam with SMAARRDEC visited Falcata plantation in Alamada Cotabato on May 26, 2022



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Project Monitoring: AGAK





 Facilitated by SMAARRDEC secretariat/project implementers farm monitoring were conducted on May 24 in Mapula and June 2 in Talaingod

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AGAK Farmers' Field Trips



18 and 26 respectively





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S4C Project Visit of DOST Team





 Conducted on May 25, 2022 DOST-S4CP team visited Sitio Igang Talaingod Davao del Norte for the PISOLAR project of USeP



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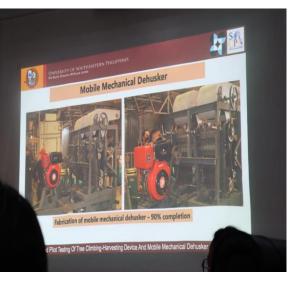
USeP President & RRDCC Chair Generalao warmly welcomed DOST-Usec Rowena Cristina L. Guevara and team together with DOST XI Asst. Regl Dir. Kenneth G. Barroga during the meeting on Science for Change Projects (S4CP)

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Visit of DOST-Usec Guevara





Presentation of Accomplishments by Engr. Filmann T. Simpao on PISOLAR and ChicloT and Dr. Roger C. Montepio on Coconut Climbing Device and Dehusker







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Meeting with DENR-ERDB-ARDEC



- → Held on May 31, 2022
- Coordination meeting on the conduct of Techno Transfer Activity of DENR-ERDB-ARDEC on June 20-21 at USeP Social Hall
- To be participated by selected Consortium Member Institutions (CMIs)



KNOWLEDGE **MANAGEMENT** AND **TECHNOLOGY GENERATION**

Strategic Research and Development



PROGRAM/PROJECT	AGENCY
Design, Development and Optimization of an Automated Combined	USeP
Mechanical Demucilager-Fermenter-Dryer for Cacao (Old Title: Design,	
Development and Optimization of an Automated Control Combined Mucilage	
Extractor-Mechanical Cacao Fermenter-Dryer)	
Product Development of Vacuum Fried Tuna Skin	DNSC
Program: Assisted Reproduction, Nutrition and Health Interventions for	USeP
Enhanced Dairy Cattle Productivity and Milk Safety: Application and	
Improvement of Embryo Transfer (ET) and Artificial Insemination	
Technologies as Tools Toward Achieving the Desired Number of Genetically	
Superior Breeder Dairy Cattle	
Development and pilot testing of tree climbing-harvesting device and mobile	USeP
mechanical dehusker for coconut	
Support to the University's Strategies in Technology Acceleration Initiatives	USeP, DSSC,
by Nurturing (SUSTAIN) the Intellectual Property and Technology Business	DNSC, DdOSC
Management (IP-TBM) Offices of the Consortia Member Agencies (Phase II)	DORSU,



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PROGRAM/PROJECT	AGENCY
Supply Chain Analysis of Pummelo in Selected Regions of the Philippines	USeP
Institutionalization of the Socio-Economics Research and Data Analytics	USeP
Centers (SERDAC 2) in Consortia Operations	
Development and pilot testing of tree climbing-harvesting device and mobile	USeP
mechanical dehusker for coconut	
Pest and Disease Incidence and Severity in Falcata Plantations in Mindanao	USeP
Improvement of Soybean in Davao Oriental thru enhanced value chains,	DORSU
sustainable seed sector, and better varieties under different cropping	
systems	
Biodiversity in Selected Mountain Ecosystems of Mindanao for Conservation	DORSU
and sustainable Development	
SciCAT Agri-VIDA: A Project on the Advancement and Generation of Robust	USeP
Source of Income Through Value-Added Innovations and Continual	
Dissemination of Agri-Technologies Towards Sustainable Farm Tourism	



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PROGRAM/PROJECT	AGENCY
Field performance trial for the hybrids (NCT-HR)	KCAST
	Funded by Philrice
Vulnerability Assessment and Value Chain Analysis of Pacific Whiteleg Shrimp	DORSU
(Litopennaues vannamei) and Biodiversity Species in Dava o Region, Philippines	Funded by DA-PRDP
Surveillance and Molecular Detection of Viral Pathogens and Associated with Thrips	BPI-DNCRDPSC
Vector on Pummelo and Mangosteen in Mindanao	Funded by DA-BAR
Community Empowerment thru Science and Technology for Geographically Isolated	SPAMAST
and Disadvantage Areas ans Marginalized Community in Malita, Davao occidental	Funded by DOST
Development of Kalamansi Nip in Dry Form Using Spray Dying Method	SPAMAST
	Funded by DOST
Enhanced Capability Building in R&D in Genomics Program/ Establishment of	UPMin
Genomics Consortium and Core Facility in Mindanao	Funded by DOST
Autonomous Societally Inspired Mission Oriented Vehicles (ASIMOV) Program/	UPMin
Harmonized Aerial Watch and Knowledge-based Survey (HAWKS)	Funded by DOST
Evaluation of Different Commercial Foliar Foliar Fertilizers on the growth performance	BPI-DNCRDPSC
of pummelo	Funded by DA-BAR



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PROGRAM/PROJECT	AGENCY
Human-Macaque Interface (HUMAIN): Mitigation of Conflicts and Zoonosis in Human-modified Habitats	UPMin
in Selected Tourist Areas in Leyte and Mindanao Islands Program/ Activity Budget and Diet	
Composition of Philippine Long-Tailed Macaques (Macaca fascicularis philippensis) in Human-Modified	
Landscapes of Hindang, Leyte, and Makilala, North Cotabato, Philippines	
Artificial Intelligence Program / Cost-effective Technology for Monitoring and Quantifying Benthic Area	UPMin
Covered by Marine Litter in Shallow Coastal Areas	
Developing the Capability of Micro- and Small-Scale Processors in the Manufacture of Quality Food	UPMin
Products from Philippine Cocoa Beans: Study 3: Determination of Sensory Properties of Davao-	
Produced Dried Cocoa Beans and Tablea	
SkAI-Pinas Program/ Automated Labeling Machine - Large Scale Initiative (ALaM-LSI)	UPMin
Plant mediated synthesis of silver nanoparticles using mangosteen pericarp and their antimicrobial	UPMin
potential	
Annotated Compendium of Gender and Development Research in Agriculture, Aquatic, and Natural	UPMin
Resources (AANR): Towards developing the AANR Gender and Development Research and	
Development Agenda and Framework	
Assessing the desirability, feasibility and viability of expanding brackish water tilapia production towards	UPMin
developing an effective business model	



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PROGRAM/PROJECT	AGENCY
Technology Demonstration on the Production of Garlic under Davao Condition	BPI-DNCRDPSC
	Funded by DA-
	BAR
Collection, Conservation, Characterization, Evaluation and Utilization of Bananas and	BPI-DNCRDPSC
Plantains	Funded by DA-
	BAR
Collection, Conservation, Evaluation and Utilization of Fruit Germplasm	BPI-DNCRDPSC
	Funded by DA-
	BAR
Collection, Conservation, Characterization, and Evaluation of Cacao	BPI-DNCRDPSC
	Funded by DA-
	BAR
Collection, Conservation, and Characterization of different indigenous vegetables,	BPI-DNCRDPSC
herbs and spices	Funded by DA-
	BAR
Collection, Conservation and Maintainance of NSIC registered varieties of Cassava	BPI-DNCRDPSC
	Funded by DA-
	BAR
Utilization of Leaves of different types of Banana into Value-added products	BPI-DNCRDPSC
	Fundad by DA



PROGRAM/PROJECT		AGENCY
Bio-Enriched Spent Mushroom Substrate of Pleurotus as Fusarium Wilt on Cavendish Banana TR4	Potential Control Against	BPI-DNCRDPSC Funded by DA-BAR



Newly-Approved Proposal

Near-Realtime Fusarium Wilt Tracking using GIs and Thermal	PhP 5,000,000.00
Sensing Technology	Duration: 2 years (USeP)
Impact Assessment of Community Based Forest Management	Php 3,215,250.00
(CBFM)-Compreh <mark>ensive Agrarian Reform Pro</mark> gram (CARP)	July 2022-Dec. 2022
Funded Agroforestry Livelihood Projects in CY 2015 in	(DENR-ARDEC)
Selected Sites in the Philippines	, ,
Near-Realtime Fusarium Wilt Tracking using GIs and Thermal Sensing	PhP 5,000,000.00
Technology	Duration: 2 years (USeP)



Proposals Submitted for Funding

PROGRAM/PROJECT	PROPONENT	FUNDING AGENCY
Inclusive Science for Livelihood in Agri-Aqua (ISLA) for small islands: A multi-actor and stakeholder collaboration (MASC) for climate change resiliency – ISLA-MASC	DORSU	PCAARRD
SAFE (Sustainable Agri-Livestock Forecasting for Emergencies) to help, I could not stand for myself': Livestock Animal Emergency Response and Management During Disaster and Emergencies for Davao Oriental.	DORSU	PCAARRD
Cacao Traceability in the Philippines	USeP- CBA	PCAARRD
Lidar-based Online for fusarium Reconnaissance and Disease Prediction System (LOuRDES)	USeP-CAEc BPI-DNCRDPSC	DA-BAR
Contributing to Peacebuilding through the LIFE model in MILF Communities of Zamboanga Sibugay, South Cotabato and Maguindanao	UPMin	PCAARRD
Expanding the LIFE Model to UP Mindanao's Land Reservation in Laak, Davao de Oro	UPMin	PCAARRD
Reintegration of IP youth Evacuees (BAKWITS): Contributing to peacebuilding through the LIFE model in Talaingod, Davao del Norte	USeP/UPMin	PCAARRD

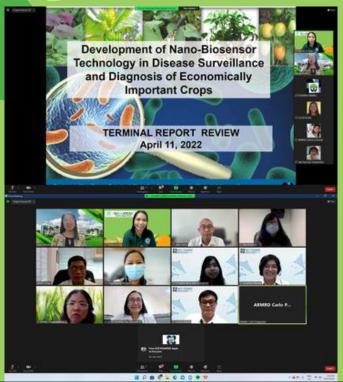


R & D RESULTS UTILIZATION

Knowledge Management



Review of Terminal Report



Represented by R&D Cluster Coordinator Puig as evaluator

Held on April 11, 2022



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Agency In-House Review



BPI-DNCRDPSC with Consortium Director Importante as one of the Evaluators;







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CAPABILITY BUILDING



SUSTAIN-IPTBM

Support to the USeP's Strategies in Technology Acceleration Initiatives by Nurturing (SUSTAIN) the Intellectual Property and Technology Business Management (IP-TBM) Offices of the Consortia Member Agencies (Phase II)

Mentor Project Leader: Engr. Filmann T. Simpao

Problems Encountered Problems Encountered Solutions/Future Plans • Missed/delayed implementation of the targets in the workplan because of the limited movement. • Limited commercialization efforts because of the travel restrictions. • Since travel restrictions are starting to be lifted, face2face meeting or farm visitation will be done by the team.

Program Duration: 2 Years (Jan. 1, 2020 to Dec. 31, 2021)

Approved Extension: 6 months (Jan 1, 2022 to June 30, 2022)



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RAISE-UGMARA Program







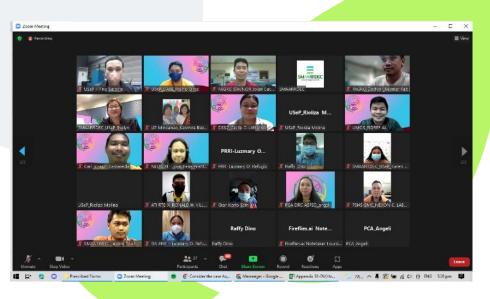


Conducted series of Intellectual Property Masterclass for the involved CMIs



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Training on Gender Fair Language in IEC Materials



- Conducted on April 27-28, 2022with 40 participants trained
- Orientation about the basics of Gender Fair Language and integrating the same to IEC Materials
- Prof. Rioliza B. Molina, GAD
 Directress of USeP and Robert A.
 Satorre served as Resource
 Speakers



Writeshop on Crafting Proposal for External Funding



- Hosted by the Davao Oriental State University (DORSU), the Writeshop on Crafting Proposal for External Funding was conducted on May 4-6, 2022
- It was a hybrid training where participants for other CMIs attended via Zoom
- More than 50 budding researchers were trained



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Recognition during the S4CP SUMMIT-MINDANAO CLUSTER

- Implementers of ROSANNA project were recognized during the S4CP Summit-Mindanao Cluster on May 27, 2022 at the Apo View Hotel
- USeP President and RRDCC Chair Lourdes C. Generalao received the award on behalf of USeP; SMAARRDEC Director Gilbert A. Importante as Lead Implementer and R&D Cluster Coordinator Cecirly G. Puig received the award on behalf of Hijo Resources Corporation (HRC)





Recognition during the DOST 64th Anniversary

Consortium Director Gilbert Importante received the Science for People Award for the Outstanding R&D Project- AANR on CRADLE Project ROSANNA during the 64th DOST Gabi ng Parangal held at Sofitel Hotel, Pasay City on June 13, 2022







POLICY RESEARCH and ADVOCACY & GOVERNANCE

S & T Development



IMPACT ASSESSMENT PROJECTS CONDUCTED

Impact Assessment of the Philippine LIDAR Program



FINANCIAI STATIIS AS OF JUNE 2022

Republic of the Philippines
SOUTHERN MINDANAO AGRICULTURE AQUATIC AND RESOURCES RESEARCH AND DEVELOPMENT CONSORTIUM (SMAARRDEC)
University of Southeastern Philippines
Obrero, Davao City

SMAARRDEC FINANCIAL REPORT

As of June 2022

	Designing Delenge	2022			Undisbursed/	
Sources of Funds	Beginning Balance 2021	Releases	Disbursement	Payables	Returned to Funding Agency	Ending Balance
General Funds						
Contribution	597,939.30	175,000.00	108,051.66	6,117.70	0.00	658,769.94
Interest	252,967.91	628.17	0.00	0.00	0.00	253,596.08
Registration	127,032.30	0.00	0.00	0.00	0.00	127,032.30
Awards	308,343.87	0.00	0.00	0.00	0.00	308,343.87
Total	1,286,283.38	175,628.17	108,051.66	6,117.70	0.00	1,347,742.19
Operations						
Consortium Operation	0.00	2,952,262.00	501,941.51	260,702.80	0.00	2,189,617.69
Base Agency Support to Consortium	54,063.58	500,000.00	135,093.60	0.00	0.00	418,969.98
Total	54,063.58	3,452,262.00	637,035.11	260,702.80	0.00	2,608,587.67
Other Projects	Other Projects					
Mango FIESTA		860,000.00	529,029.00	0.00	0.00	330,971.00
Total	0.00	860,000.00	529,029.00	0.00	0.00	330,971.00
Grand Total	1,340,346.96	4,487,890.17	1,274,115.77	266,820.50	0.00	4,287,300.86

Prepared by:

Recommending Approval:

(Sgd.) EVELYN A. GECALE

Administrative Officer/ TTC Coordinator

(Sgd.) GILBERT A. IMPORTANTE

Consortium Director



SOUTHERN MINDANAO AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT CONSORTIUM

FINANCIAL STATUS AS OF JUNE 2022

SUMMARY

As of June 30, 2022

Consortium Operations 2022

Total Released (2022)	2,952,262.00				
	Budget	Disbursed	Payables	Unexpended	Utilization
Salary	293,784.00	127,411.84	11,990.62	154,381.54	47.45
Honorarium	436,800.00	109,200.00	109,200.00	218,400.00	50.00
Travel	160,000.00	15,046.00	25,000.00	119,954.00	25.03
Communication	116,750.00	-		116,750.00	0.00
Repairs and Maintenance	30,000.00	-		30,000.00	0.00
Supplies	139,400.00	55,008.25	52,460.00	31,931.75	77.09
Printing	275,400.00	6,460.00	28,750.00	240,190.00	12.79
Rent Expense	10,000.00	10,000.00		-	100.00
Representation	207,500.00	31,994.00		175,506.00	15.42
Other Professional Services	761,878.00	122,904.56	36,054.23	602,919.21	20.86
Other MOOE	120,750.00	16,000.00		104,750.00	13.25
Subscription Expenses	50,000.00	7,916.86	-	42,083.14	15.83
Indirect Cost Utilities	50,000.00	-	-	50,000.00	0.00
Indirect Cost_Supplies and					
Materials Exp.	40,000.00			40,000.00	0.00
Indirect Cost_Printing and					
Binding Exp.	10,000.00			10,000.00	0.00
Equipment Outlay	250,000.00	-	-	250,000.00	0.00
Total	2,952,262.00	501,941.51	263,454.85	2,186,865.64	25.93



SOUTHERN MINDANAO AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT CONSORTIUM

FINANCIAL STATUS AS OF JUNE 2022

SUMMARY

Genaral FUND 2022

Budget

Check No.

Date

Items	2021	2022	Total	Disbursed	Payables	Balance
Contribution	597,939.30	175,000.00	772,939.30	108,051.66	6,117.70	658,769.94
Interest	252,967.91	628.17	253,596.08			253,596.08
Registration	127,032.30		127,032.30	-		127,032.30
Awards	308,343.87		308,343.87			308,343.87
Total	1,286,283.38	175,628.17	1,461,911.55	108,051.66	6,117.70	1,347,742.19

Prepared by: Checked by: Noted by:

(Sgd.) EVELYN A. GECALE

TTC Coordinator

(Sgd.) GILBERT A. IMPORTANTE

Consortium Director

(Sgd.) ABIGAIL M. FERNANDEZ

Finance Director



SOUTHERN MINDANAO AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT CONSORTIUM

FINANCIAL STATUS AS OF JUNE 2022

SUMMARY

Genaral FUND 2022

Budget

Check No.

Date

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Contribution	597,939.30	175,000.00	772,939.30	108,051.66	6,117.70	658,769.94
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Prepared by: Checked by: Noted by:

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Finance Director



SOUTHERN MINDANAO AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT CONSORTIUM



CMIs	Year Contributed	
	2021	2022
1. BFAR XI		
2. BPI-DNCRDPSC	✓.	
3. DDOSC	1	✓
4. DA-RFO XI	1	
5. DENR-ERDB-ARDEC		√
6. DNSC	√	1
7. DORSU	,	·
8. DOST XI	✓.	
9. DSSC	√	√
10. PCA-DRC	1	
11. PhilFIDA XI	· ·	
12. PLGU-DavNor	1	1
13. PLGU-DavSur		
14. PRRI		
15. SPAMAST		_
16. UP-Min		
17. USeP	\	✓



Q3 Deliverables		
Training on Research Output Presentation	July 27, 2022	
35 th Regional Symposium on RDE Highlights	August 15, 2022	
Launching of SMAARRDEC New Website and KM Portal and SLIMS	August 21, 2022	
3 rd Quarter RRDCC Meeting	September 23, 2022	
Visit CMIs	-	

Daghang Salamat!

