

## Narrative of Accomplishment Report January 1 to March 31, 2022

### PILLAR 1. CONSOLIDATION

#### A. Strategy 1.1: Bayahinan Agri Clusters (BACs) “Block Farm Program”

	Intervention	Indicator	Luzon- Mindanao	Visayas
1	Accreditation of Block Farms	No. of Block Farms accredited	1	5
		No. of enrollees	27	143
2	Provision of Start-Up Capital	Amount of Start-Up Capital provided (Php)	-	1,845,965.55
		No. of Block Farms provided	-	15
3	Provision of fertilizers and soil lime	No. of bags provided	-	-
		No. of Block Farms provided	-	-
4	Provision of Irrigation Facilities	No. of sets of irrigation facilities provided	12	4
		No. of Block Farms provided	12	4
5	Provision of power knapsack sprayer	No. of power knapsack sprayers provided	22	-
		No. of Block Farms provided	22	-
6	Provision of Capacity-Building Seminars and Trainings	No. of Block Farms	-	12
		No. of participants	-	443
7	Provision for establishment of HYV Nursery	Amount provided for establishment of HYV Nursery(Php)	-	688,180.00
		Area (in hectares)	-	31.88
		No. of Block Farms provided	-	16
8	Provision for establishment of Techno Demo Farm	Amount provided for establishment of Techno Demo Farms	-	81,512.63
		Area (in hectares)	-	1.00
		No. of Block Farms covered	-	5

Now on its 5<sup>th</sup> year of implementation, the program continues to pursue the goal of converting consolidated farms owned by agrarian reform beneficiaries and small sugarcane farmers into agribusiness centers through professionalized farm management and mechanized farming with provisions for logistical, financial, technical and production support services.

From January to March 2022, there is one (1) block farm accredited in Luzon-Mindanao with 27 enrollees, and five (5) block farms accredited in Visayas with total of 143 enrollees.

Start-up capital provided in the 1<sup>st</sup> Quarter of 2022 for 15 Block Farms in Visayas is Php1,845,965.55 to fund the procurement of agricultural inputs. Funding for 31.88 hectares of HYV Nurseries are also provided to provide quality planting materials. One hectare of techno-demo farm is also provided which serves as model farm for the 5 Block Farms. Other interventions/support given to the BFP for the Q1 of 2022 is shown in Table 1.

Region	LBP Lending Centers	Province	Amount Released (Php)
II	North & Central Luzon Lending Group	Cagayan	5,355,380.00
		Isabela	3,929,362.00
III	Lending Group	Tarlac	-
		Pampanga	-
IV-A	South Luzon Lending Group	Batangas	886,435.00
V		Camarines Sur	214,300.00
VI	Visayas Lending Group	Capiz	749,500.00
		Iloilo	762,154.21
		Negros Occidental	1,817,002.79
VII	Visayas Lending Group	Negros Oriental	388,499.00
		Cebu	-
VIII	Lending Group	Leyte	155,000.00
X		Bukidnon	11,439,321.00
XI	Mindanao Lending Group	Davao del Sur	270,370.00
		Sarangani	-
XIII	Mindanao Lending Group	North Cotabato	-
		<b>Total Loan Releases</b>	<b>25,967,324.00</b>

#### B. Strategy 1.6: Credit Support “SIDA Socialized Credit Program”

The Socialized Credit Program is designed to promote and support the productivity improvement programs to boost the production of sugarcane and increase the incomes of sugarcane farmers/ planters and farm workers.

Based on the data submitted by the Program Management Department-1 (PMD-1) of Land Bank of the Philippines (LBP) to SRA, a total amount of Php 25.967 million has been released to ten (10) new farmer borrowers as well as loan renewals and 2<sup>nd</sup> tranche releases of existing borrowers in the sugarcane producing regions from January to March 2022.

### PILLAR 2: MODERNIZATION

#### A. Strategy 2.1: Technology & Innovation including Digital Agriculture

##### a.1. “Variety Sourcing, Development, Propagation & Distribution”

##### a.1.1. Research Center-Based Propagation. (COB Funded)

- **Canepoints.** Production and distribution by SRA’s research centers in Luzon Agricultural Research Centers (LAREC) in Floridablanca, Pampanga and the La Granja Research Center (LGAREC) in La Carlota, Negros

Occidental. Total canepoints distributed from January to March is 133.74 lacs or 1,337,400 pieces to 28 planters/farmers.

January 1- March 31, 2022	No. distributed (lacs)	No. of beneficiaries
LAREC	34	7
LGAREC	99.74	21
<b>Total</b>	<b>133.74</b>	<b>28</b>

#### • **Micropropagation of Plantlets**

The SRA utilizes micro-propagation technology to rapidly multiply newly released varieties of sugarcane for distribution to sugarcane farmers. Table 2 shows micropropagated plantlets varieties and distribution of 22,450 pieces to eleven (11) clients from January 1 to March 31, 2022.

Variety	January 1 - March 31, 2022	
	No. distributed	No. clients
Phil 2010-0149	5,000	2
Phil 2006-2289	11,100	4
Phil 99-1793	5,350	3
Phil 2009-1969	600	1
Phil 2011-0899	400	1
<b>Total</b>	<b>22,450</b>	<b>11</b>

Source: LGAREC Accomplishment Report

#### **a.1.2. Rapid Propagation Project (SIDA Funded)**

One of the Programs of the Sugarcane Industry Development Act of 2015 is the RD & E Program, and one of the projects is the establishment of nurseries for the Rapid Propagation of Sugarcane High Yielding Varieties in different milling districts. The main objective of this project is to establish a nursery to every milling district for easy access of sugarcane planters/farmers, most especially small farmers, to new high yielding varieties. This project is being implemented by the SRA Extension Services. For the 1<sup>st</sup> Quarter of 2022 the project produced 761.16 lacs of canepoints from 205.8 hectares of HYV nurseries or equivalent to 7,611,600 seed pieces.

Extension Services	No. of Sites Cutbacked	No. of Canepoints Produced (in Lacs)	No. of Recipients	Varieties
1 Luzon- Mindanao	9	522.5	78	Phil 99-1793, PSR 862, Phil 2001-171, PSR 2002-247, Phil 8013
2 Visayas	4	238.66	18	Phil 99-1793, Phil 2006-2289
<b>Total</b>	<b>13</b>	<b>761.16</b>	<b>96</b>	

Note: 1 lacs = 10,000 seed pieces

#### **a.2. "Crop Estimation Project - SRA Yield Estimation System for Sugarcane (YESS)"**

The CE Team continuously generate satellite based crop monitoring data, soil moisture data, NDVI, regular monitoring of the SRA AWS (Automatic Weather Station), Updating of the yield estimate based on the Monthly PAGASA Rainfall Forecast, Mapping of sugarcane areas.

##### **Crop Estimate System and Crop Productivity Monitoring**

- The field surveyors of Luzon and Mindanao have completed the validation and sampling in the Penumil and Tarlac Districts. There is also a collaborative work on the field personnel of Davao and Bukidnon Sugar Mills for the area validation within their districts.
  - Area validated as of March 31, 2022 = 1,262.64 ha
  - Sampling as of March 31, 2022 = 438 points
- Conducted weekly monitoring and comparative assessment of crop productivity using YESS technology with reference to cane and sugar production data reported in Sugar Production Bulletin of the Regulation Office.

#### **a.3. Soil Analysis**

The result of soil analysis is essential to properly recommend the kind and volume of fertilizer to apply in each farm. The Soils Laboratories of SRA continuously cater to the analytical needs of sugarcane farmers. Total soil

samples analyzed in LAREC, LGAREC and Bacolod, Soils laboratories, from January to March was 962 assisting 403 planters/farmers/block farms.

#### a.4. Beneficial Micro Organisms (BMO)

The BMO is a nitrogen fixer for sugarcane which promotes crop growth, protection, stress resistance, and nutrient uptake efficiency. BMO distributed for the first quarter of 2022 was 3,029.24 gallons and distributed to 47 interested sugarcane farms with area of 302.92 hectares.

### B. Strategy 2.2 Farm Mechanization & Infrastructure Investments – “SIDA Infrastructure Program”

#### b.1. Infrastructure Program

The Infrastructure Program of the Sugar Industry Development Act of 2015 (SIDA) aims to contribute to the agricultural development by providing the key sugarcane-producing areas or sugarcane mill districts with all-weather roads that will connect the sugarcane farms to the sugar mills, bioethanol distilleries and other processing facilities.

A total of Php3,398,705,000.00 from 2016 to 2021 was allocated to the program which supported the construction of 227 Farm-to-Mill Road (FMR) and three (3) Bridge projects nationwide. In 2022 GAA the funding is Php 356.13 million to be released to Department of Public Works and Highways (DPWH) for implementation.

Table 1, shows the status of FMRs and bridges as of March 31, 2022 from GAA 2016 to 2021 based on the different stages.

**Table 1. Status of SIDA-Infrastructure Projects**

SUGAR REGULATORY ADMINISTRATION																
SIDA- Infrastructure Projects																
STATUS as of March 31, 2022	GAA															
	2016		2017		2018		2019		2020				2021			
Type of Project	FMR		FMR		FMR		FMR		Bridge		FMR		Bridge		FMR	
Appropriation (In Php)	914,400,000.00		547,045,000.00		750,000,000.00		117,740,000.00		32,260,000.00		308,200,000.00		16,800,000.00		712,260,000.00	
	No. of Sites	In Kms.	No. of Sites	In Kms.	No. of Sites	In Kms.	No. of Sites	In Kms.	No. of Sites	In Meters	No. of Sites	In Kms.	No. of Sites	In Meters	No. of Sites	In Kms.
Pre-implementation stage																
Awarded but construction not yet started																1 1.61
Awarded but with site modification																
Construction completed	41	68.453	38	29.941	45	47.388	6	7.905	2	43.00	37	21.35	1	14.00	19	12.49
Completed but with unsatisfactory workmanship (needs repair, etc.)																
Construction still on-going / Not yet completed															36	32.19
Not concreted	1	1.612														
Not implemented due to unresolved Right-Of-Way issue	1	2.120	1	0.702	1	0.252										
<b>Total</b>	<b>43</b>	<b>72.185</b>	<b>39</b>	<b>30.642</b>	<b>46</b>	<b>47.640</b>	<b>6</b>	<b>7.905</b>	<b>2</b>	<b>43.00</b>	<b>37</b>	<b>21.345</b>	<b>1</b>	<b>14.00</b>	<b>56</b>	<b>46.29</b>

### C. Strategy 2.3: Climate Change Adaptation & Mitigation – “Research, Development & Extension Program”

#### c.1. Production and Distribution of Trichogramma as Biological Agents

The mass production of *Trichogramma* as a biological control agent, against sugarcane stem borers, in LGAREC has a significant impact to the sugarcane planters as well as to rice, corn, and vegetable farmers in Negros and other parts of Visayas due to its proven efficacy, affordability and safety in comparison to toxic chemical agents which is harmful to both health and environment. A total of 10,573 of T. strips were distributed from January to March 2021, to 25 clients.

#### c.2. Study on Climate Resilient High Yielding Varieties of Sugarcane

In collaboration with the University of the Philippines (UPLB), the SRA implements study and development of drought and waterlogging sugarcane tolerant varieties entitled: *Assessment of Sugarcane Varieties & Germplasm Collection for Drought & Waterlogging Tolerance*. The object of this project is to support the development of climate change resilient sugarcane varieties through the identification of drought and waterlogging tolerant sugarcane variety/germplasm accession. The assessment of the performance of released varieties under water limiting and excessive moisture conditions will have an impact on the identification of stopgap varieties for areas

prone to waterlogging and drought. With the current goal of expanding sugarcane production areas, the result from this study will be vital. Moreover, the identified varieties from this project are starting materials for the development of resilient sugarcane varieties adaptable to variable environmental conditions. Table c.2 shows selected sugarcane varieties for drought & waterlogging tolerance. These varieties are scheduled for evaluation. The final result/terminal report of the study will be released by middle of 2022.

1	PHIL 2004-1011	10	PHIL 2006-1899
2	PHIL 2005-1763	11	Phil 99-1793
3	PHIL 2000-0791	12	Phil 2007- 221
4	PHIL 2000-2569	13	Phil 2007 – 243
5	PHIL 2000-2155	14	Phil 2009-1867
6	PHIL 2000-1419	15	Phil 2009-1969
7	PHL 2006-2289	16	Phil 2010 – 107
8	PHIL 2003-1389	17	Phil 92-0751
9	PHIL 8013	18	Phil 97-0693

Source: SRA-LAREC, OIC-Laverne Olalia

### PILLAR 3: INDUSTRIALIZATION

#### A. Strategy 3.2: Global Trade, Export Development & Promotion – “Regulatory Services”

##### a.1. Sugar Allocation

An all “B” sugar allocation or domestic sugar for Crop Year 2021-2022 was recommended by sugar producers for Crop Year 2021-2022 as per Sugar Order no. 1, dated August 27, 2021, series of 2021-2022.

### PILLAR 4: PROFESSIONALIZATION

#### A. Strategy 4.1: Agri-Industrial Career System – “SIDA Scholarship Program”

##### SIDA-CHED Program

Scholarship grant program for children and dependents of sugarcane industry workers and small sugarcane workers. As of the 1<sup>st</sup> Quarter of 2022 or the 2<sup>nd</sup> Semester of Academic Year 2021-2022, there is a total of 428 continuing scholars being implemented and monitored by CHED. No new scholars and no graduates were recorded for the quarter.

IMPLEMENTER	ON-GOING SCHOLARS		GRADUATES
	Continuing	New	
CHED	428	0	0
SRA	230	0	0
<b>TOTAL</b>	<b>658</b>	<b>0</b>	<b>0</b>

##### SIDA-SRA Program

The Scholarship program is the same with CHED, however the SRA is the one who administers the release of stipends and scholarship benefits. As of the 1<sup>st</sup> Quarter of 2022 or the 2<sup>nd</sup> Semester of Academic Year 2021-2022, there is a total of 230 continuing scholars being implemented and monitored by SRA. No new scholars and no graduates were recorded for the quarter.

REGION	ON-GONG SCHOLARS	NEW	GRADUATES
II	19	0	0
III	10	0	0
IV	20	0	0
V	17	0	0
VI	45	0	0
VII	31	0	0
VIII	7	0	0
X	48	0	0
XI	19	0	0
XII	14	0	0
<b>Total</b>	<b>230</b>	<b>0</b>	<b>0</b>

REGION	CONTINUING & FUNDED	NEW	GRADUATES
II	30	0	0
III	24	0	0
IV	32	0	0
V	16	0	0
VI	171	0	0
VII	42	0	0
VIII	12	0	0
X	72	0	0
XI		0	0
XII	29	0	0
<b>Total</b>	<b>428</b>	<b>0</b>	<b>0</b>

\* Total number of funded scholars as of April 19, 2022 as submitted by CHED OSDS

**B. Strategy 4.2: Education & Training: Agri-Business Management - "Capability Building of Farmers Through Outreach Programs and Trainings in Sugarcane Farming"**

Training is a valuable tool in enhancing the knowledge and skills of the sugarcane farmers. The Extension and Services unit of the RDE implements the conduct of trainings for the sugarcane farmers. Despite the pandemic, the Extension Services Division Visayas was able to conduct twelve (12) OPSI trainings attended by 443 participants, for the first quarter of 2022.

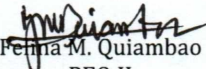
**C. Strategy 4.3: Youth and Women Engagement - "Gender Equality and Social Inclusion (GESI formerly GAD)"**

The SRA GESI has one (1) completed activity for the quarter. This was the annual celebration of the National Women's Month which kicked-off on March 08, 2022. The GESI Committee sponsored four (4) film showings highlighting women empowerment. The movies screened were: "Ms. Granny", "Kingdom: Ashin of the North", "Wonder Woman 1984" and "Iska."


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*D:2022PPSPD/Jan-MarNarrative/DRG/AJG/fmq/apr28,2022*

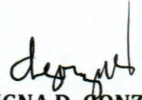
Prepared by:

  
Ferna M. Quiambao  
PEO II

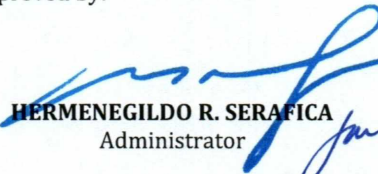
Reviewed by:

  
Alex John Galicia  
OIC - SPP/EMD

Noted by:

  
DIGNA D. GONZALES  
OIC - PPSPD

Approved by:

  
HERMENEGILDO R. SERAFICA  
Administrator