

# PMR Operational Report

<b>Operation Number</b>	GY-L1060	<b>Chief of Operations Validation Date</b>	10/31/20
<b>Year- PMR Cycle</b>	First period Jan-Jun 2020	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/09/20	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Sustainable Agricultural Development Program	<b>Loan Number</b>	3798/BL-GY
<b>Executing Agency</b>	MINISTRY OF AGRICULTURE (HYDRAUL.DEPT)	<b>Sector/Subsector</b>	AGRICULTURE AND RURAL DEVELOPMENT-SUSTAINABLE AGRICULTURAL DEVELOPMENT
<b>Team Leader</b>	COLLINS, MICHAEL I.	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Loan Operation	<b>Country</b>	Guyana
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	
<b>Borrower</b>	COOPERATIVE REPUBLIC OF GUYANA		

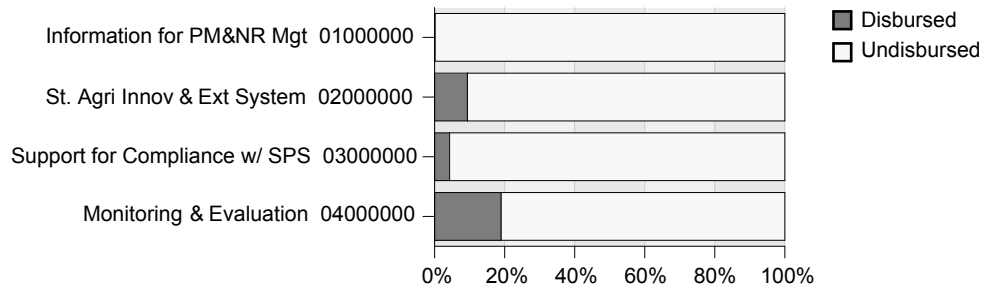
## Environmental and Social Safeguards

<b>Impacts Category</b>	B	<b>Was/Were the objective(s) of this operation reformulated?</b>	NO
<b>Safeguard Performance Rating</b>	Partially Satisfactory	<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>	The program has made significant progress in completing the ESIA's and a formal MoA has been signed between the MoA and the EPA. Persistant changes in project scope have significantly delayed project implementation and many components remain in a planning phase.		

## Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
GY-L1060	15,000,000	15,000,000	0	0	15,000,000	15,000,000	1,855,428	12.37%	13,144,572
Aggregated	15,000,000	15,000,000	0	0	15,000,000	15,000,000	1,855,428	12.37%	13,144,572

## Expense Categories by Loan Contract (cumulative values)



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### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 0:** Average gross value of farm's agricultural production (increase expected)

**Observation:** Target EOP values based on expected yield increases for cassava, bean, and cattle

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
0.0	Average gross value of farm's agricultural production (increase expected)	USD/farm	582.39	2016	P	848.20	848.20
					P(a)	848.20	848.20
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		No		Pro-Ethnicity		No	

**Impact Nbr. 1:** Average gross value of farm's livestock production (increase expected)

**Observation:** Target EOP values based on expected yield increases for cassava, bean, and cattle

Observation: Target EOP values based on expected yield increases for cassava, bean, and cattle							
Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.0	Average gross value of farm's livestock production (increase expected)	USD/farm	223.85	2016	P	654.28	654.28
					P(a)	654.28	654.28
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		No	Pro-Ethnicity		No		

**Impact Nbr. 2:** Reduction on the pressure on fragile ecosystems by inefficient livestock production (inefficient use of pastures)

**Observation:** Hectares removed from livestock production. Suitable buffer zones around pasture areas established. Technology transfer will reduce use of pasture areas. Intensity (animals / ha) will increase.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.0	Reduction on the pressure on fragile ecosystems by inefficient livestock production (inefficient use of pastures)	Hectares	0.00	2016	P	570.00	570.00
					P(a)	570.00	570.00
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		No		Pro-Ethnicity		No	

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### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 0:** Private investment in agriculture (increase expected)

**Observation:** Related to the census. Indicator will be measured at the national level.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
0.0	Private investment in agriculture (increase expected)	USD millions	5.72	2016	P	7.00	7.00
					P(a)	7.00	7.00
					A		

#### Details

**Means of verification:** GO-Invest Reports

**Observations:** National level

**Pro-Gender** No **Pro-Ethnicity** No

**Outcome Nbr. 1:** Regional development plans prepared based on data from the agricultural census

**Observation:** Assuming the agricultural census is available in 2019

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
1.0	Number of development plans	Document	0.00	2016	P	3.00	3.00
					P(a)	3.00	3.00
					A		

#### Details

**Means of verification:** Ministry of communities

**Observations:** Regional plans based on census available on 2019

**Pro-Gender** No **Pro-Ethnicity** No

**Outcome Nbr. 2:** Productivity at the farm level of select crops for all beneficiaries of technical assistance (increase expected)

**Observation:** Selected crops, Baseline value from survey, EOP Target computed as 35% of yields reported by NAREI and FAO

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.0	Productivity at the farm level of select crops for all beneficiaries of technical assistance (increase expected) - Cassava	Kg/Ha	2,220.00	2016	P	3,883.00	3,883.00
					P(a)	3,883.00	3,883.00
					A		

#### Details

**Means of verification:** Baseline and final evaluation

**Observations:** Baseline value from survey, EOP Target computed as 35% of yields reported by NAREI and FAO

**Pro-Gender** No **Pro-Ethnicity** No

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### RESULTS MATRIX

#### OUTCOMES

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
2.1	Productivity at the farm level of select crops for all beneficiaries of technical assistance (increase expected) - Bora bean	Kg/Ha	215.00	2017	P	4,143.00	4,143.00
					P(a)	4,143.00	4,143.00
					A		
Details							
Means of verification: Baseline and final evaluation							
Observations: Baseline value from survey, EOP Target computed as 35% of yields reported by NAREI and FAO							
Pro-Gender		No		Pro-Ethnicity		No	

**Outcome Nbr. 3:** Adoption of sustainable agriculture practices by farmers in Regions 5, 9 and 10

**Observation:** Baseline values based on agricultural household survey. Number of technologies used by households headed by male / female

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.0	Number of technologies adopted - male headed households	Technology	3.00	2016	P	6.00	6.00
					P(a)	6.00	6.00
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		No	Pro-Ethnicity		No		

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.1	Number of technologies adopted - female headed households	Technology	1.00	2017	P	4.00	4.00
					P(a)	4.00	4.00
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		Yes			Pro-Ethnicity		No

**Outcome Nbr. 4:** Average price of beef meat processed by pilot facilities (increase expected)

**Observation:** Return to the producers (value of the animal)

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
4.0	Average price of beef meat processed by pilot facilities (increase expected)	USD/Kg	3.00	2016	P	5.00	5.00

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### RESULTS MATRIX

#### OUTCOMES

4.0	Average price of beef meat processed by pilot facilities (increase expected)	USD/Kg	3.00	2016	P(a)	5.00	5.00
					A		
Details							
Means of verification: ASDU Reports							
Pro-Gender		No		Pro-Ethnicity		No	

**Outcome Nbr.** 5: Use of practices that reduce pressure on ecosystems in Regions 5, 9 and 10 (increase expected)

**Observation:** Based on the household survey implemented during the design

Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
5.0	Number of practices	Practice	1.43	2017	P	3.00	3.00
					P(a)	3.00	3.00
					A		
Details							
Means of verification: Baseline and final evaluation							
Pro-Gender		No	Pro-Ethnicity		No		

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Generating Information for evidence – based policy making and natural resource management

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2022	2020	EOP 2022
1.1	Agricultural census completed	Census	P	1	1	500,000	4,000,000
			P(a)	0	1	0	4,000,000
			A	0	0	0	0
1.2	MoA and GSB staff trained in data management	People trained	P	50	150	25,000	140,000
			P(a)	0	150	0	140,000
			A	0	0	0	0
1.3	MoA's M&E Unit increase its analysis capacity	Trainings	P		2		60,000
			P(a)	0	2	3,000	60,000
			A	0	0	2,050.83	7,953.18

## Component Nbr. 2 Strengthening of the agricultural innovation and extension system

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2022	2020	EOP 2022
2.1	Agriculture centers in Regions 9 and 10 built and refurbished	Agricultural center	P		2	800,000	3,580,000
			P(a)	0	1	0	1,580,893.8
			A	0	0	0	360,893.8
2.2	Design and construction of a water reservoir in Region 9 completed	Reservoir	P		1		500,000
			P(a)	0	0	0	0
			A	0	0	0	0
2.3	Soil laboratories constructed and implemented in research centers in Regions 9 and 10	Laboratory	P	1	2	20,000	140,000
			P(a)	0	1	0	70,000
			A	0	0	0	0
2.4	Research programs implemented in two research centers	Program	P	3	10	61,000	225,000
			P(a)	0	10	12,000	164,000
			A	0	2	0	33,090
2.5	Agricultural extension programs implemented	Program	P	2	3	150,000	300,000
			P(a)	0	3	41,130	296,130
			A	0	0	16,452	16,452
2.6	Farmers in Regions 5, 9 and 10 trained in sustainable agriculture practices that do not receive incentives	Beneficiaries (#)	P	1,000	3,000	185,000	680,000
			P(a)	0	1,800	0	480,000
			A	0	0	0	0
2.7	Farmers in Regions 5, 9 and 10 trained in sustainable agriculture practices that use technologies promoted by AC - incentives	Beneficiaries (#)	P	700	2,000	230,000	650,000
			P(a)	0	1,200	0	350,000
			A	0	0	0	0
2.8	NAREI and GLDA staff trained	People	P	10	50	66,000	238,000
			P(a)	0	62	0	232,316
			A	0	42	0	210,316
2.9	Environmental supervision visits to monitor agriculture research and extension	Reports	P	2	10	35,000	155,000
			P(a)	0	6	0	61,270.83
			A	0	2	0	1,270.83

## RESULTS MATRIX

### OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 3 Support for compliance with sanitary and phytosanitary standards

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2022	2020	EOP 2022
3.1	Pilot facilities processing animals	Facility	P	1	2	1,165,000	2,460,000
			P(a)	0	1	0	1,521,582.73
			A	0	0	0	21,582.73
3.2	Number of livestock producers associations with annual meetings and functioning boards	Producer association	P	1	2	15,000	65,000
			P(a)	0	1	0	30,000
			A	0	0	0	0
3.3	Annual review of compliance with hygienic and environmental standards	Report	P	1	3	20,000	80,000
			P(a)	0	2	0	80,000
			A	0	0	0	0
3.4	Number of people trained in SPS and food safety standards	People	P	30	100	20,000	80,000
			P(a)	6	86	17,000	80,000
			A	0	0	15,871.37	16,021.37
3.5	Development and implementation of a simplified grading system for beef	Regulation	P	1	0	15,000	60,000
			P(a)	0	5	0	60,000
			A	0	0	0	32,666.33
3.6	Update of abattoir standards and preparation of legal framework completed	Regulation	P	1	0	15,000	60,000
			P(a)	0	1	0	60,000
			A	0	0	0	32,666.33
3.7	Adaptation of the International Codex Alimentarius to the Guyana context completed	Regulation	P	1	0	15,000	60,000
			P(a)	0	1	0	60,000
			A	0	0	0	32,667.33
3.8	Support to the GLDA to enforce standards completed	Annual report	P	1	0	15,000	75,000
			P(a)	0	5	0	75,000
			A	0	0	0	0

### Other Cost

	Monitoring and evaluation	P			35,000	300,000
		P(a)			0	300,000
		A			0	76,044
	Project management	P			232,345	1,092,000
		P(a)			160,000	1,092,000.59
		A			75,026.65	521,572.21

### Total Cost

	Total Cost	P			3,619,345	15,000,000
		P(a)			233,130	10,793,193.95
		A			109,400.85	1,363,196.11

# PMR Operational Report

## CHANGES TO THE MATRIX

Section	Name	Reasons	Type of Change	Subtype	Modified By	Entered in the System
Output	Agricultural extension programs implemented	Reprogramming due to COVID impacts	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/09/2020
	NAREI and GLDA staff trained	Reprogramming due to COVID impacts	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/09/2020
				Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DIMITRAS	10/07/2020
	Number of people trained in SPS and food safety standards	Reprogramming due to COVID impacts	Modify Output	Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DIMITRAS	10/07/2020
	Pilot facilities processing animals	Reprogramming due to COVID impacts	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DIMITRAS	10/07/2020
	Research programs implemented in two research centers	Reprogramming due to COVID impacts	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DIMITRAS	10/07/2020
	Support to the GLDA to enforce standards completed	Reprogramming due to COVID impacts	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/09/2020



## PMR Operational Report

### IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories