

PMR Public Report

Operation Number	GY-L1060	Chief of Operations Validation Date	10/28/21
Year- PMR Cycle	First period Jan-Jun 2021	Division Chief Validation Date	
Last Update	10/22/21	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

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

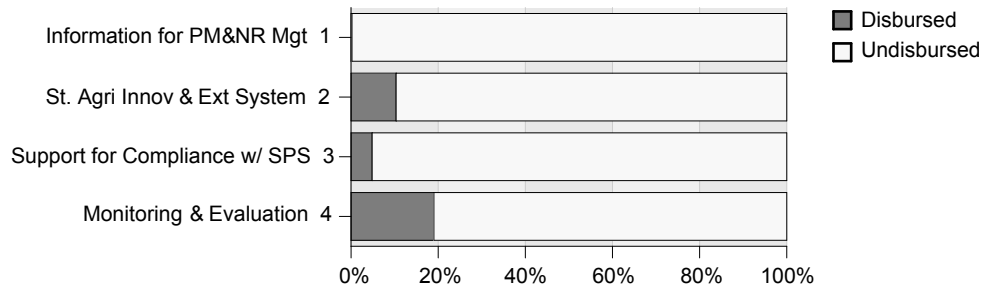
Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Partially Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	No works have begun under the Program. Through a loan modification in 2021, the Program will not finance any works in Region 9. The ESIA for the abbatoir in Region 5 has been prepared and the public consultation will be implemented in December 2021.		

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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General Development Objectives

General Development Objectives Nbr. 0: Average gross value of farm's agricultural production (increase expected)

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
0.0	Average gross value of farm's agricultural production (increase expected)	USD/farm	582.39	2016	2022	P	848.20
						A	
Details							

Means of verification: Baseline and final evaluation

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

General Development Objectives Nbr. 1: Average gross value of farm's livestock production (increase expected)

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.0	Average gross value of farm's livestock production (increase expected)	USD/farm	223.85	2016	2022	P	654.28
						A	
Details							

Means of verification: Baseline and final evaluation

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

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General Development Objectives

General Development Objectives Nbr. 2: Reduction on the pressure on fragile ecosystems by inefficient livestock production (inefficient use of pastures)

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.0	Reduction on the pressure on fragile ecosystems by inefficient livestock production (inefficient use of pastures)	Hectares	0.00	2016	2022	P	570.00
						A	

Details

Means of verification: Baseline and final evaluation

Pro-Gender	No	Pro-Ethnicity	No
The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)			

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Specific Development Objectives

Specific Development Objectives 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	2024	EOP 2024
0.0	Private investment in agriculture (increase expected)	USD millions	5.72	2016	P	7.00		7.00
					A			
Details								
Means of verification: GO-Invest Reports								
Observations: National level								
Pro-Gender		No	Pro-Ethnicity		No			

Specific Development Objectives 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	2024	EOP 2024
1.0	Number of development plans	Document	0.00	2016	P	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			

Specific Development Objectives 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	2024	EOP 2024
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
					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		

Indicator		Unit of Measure	Baseline	Baseline Year		2022	2024	EOP 2024
2.1	Productivity at the farm level of select crops for all	Kg/Ha	215.00	2017	P	4,143.00		4,143.00

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Specific Development Objectives

2.1	beneficiaries of technical assistance (increase expected) - Bora bean	Kg/Ha	215.00	2017	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	

Specific Development Objectives 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	2024	EOP 2024
3.0	Number of technologies adopted - male headed households	Technology	3.00	2016	P	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	2024	EOP 2024
3.1	Number of technologies adopted - female headed households	Technology	1.00	2017	P	4.00		4.00
					A			
Details								
Means of verification: Baseline and final evaluation								
Pro-Gender		Yes			Pro-Ethnicity		No	

Specific Development Objectives 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	2024	EOP 2024
4.0	Average price of beef meat processed by pilot facilities (increase expected)	USD/Kg	3.00	2016	P	5.00		5.00
					A			
Details								
Means of verification: ASDU Reports								
Pro-Gender		No			Pro-Ethnicity		No	

Specific Development Objectives 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

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Specific Development Objectives

Indicator		Unit of Measure	Baseline	Baseline Year		2022	2024	EOP 2024
5.0	Number of practices	Practice	1.43	2017	P	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	
				2021	EOP 2024	2021	EOP 2024
1.1	Agricultural survey completed	survey	P		0		0
			P(a)		1		1,500,000
			A	0	0		0
1.2	MoA and GSB staff trained in data management	People trained	P	30	150	25,000	140,000
			P(a)	25	150	5,000	45,000
			A	0	0	0	0
1.3	MoA's M&E Unit increase its analysis capacity	Trainings	P		2		60,000
			P(a)	1	2	0	54,453.89
			A	0	0	978.89	10,432.78

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2024	2021	EOP 2024
2.1	Agriculture center in Region 10 rehabilitated	Agricultural center	P		2	400,000	3,580,000
			P(a)	1	1	30,000	490,893.8
			A	0	0	0	360,893.8
2.2	Research programs implemented	Program	P	2	10	21,000	225,000
			P(a)	1	10	50,000	265,090
			A	0	2	6,480	39,570
2.3	NAREI and GLDA staff trained	People	P	10	50	20,000	238,000
			P(a)	5	77	15,000	316,816
			A	0	42	0	210,316
2.4	Environmental supervision visits to monitor agriculture research and extension	Reports	P	2	10	25,000	155,000
			P(a)	0	10	5,000	42,270.83
			A	0	2	0	1,270.83
2.5	Agricultural extension programs implemented	Program	P		3		300,000
			P(a)	1	6	100,000	1,356,321.51
			A	0	0	30,208.4	86,529.91
2.6	Farmers trained	number	P		0		0
			P(a)		2,000		1,250,000
			A		0		0
2.7	Farmers receiving incentives for agricultural technology adoption	number	P		0		0
			P(a)		2,000		3,445,865.2
			A		0		0

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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	
				2021	EOP 2024	2021	EOP 2024
3.1	Pilot facilities processing animals	Facility	P		2	1,125,000	2,460,000
			P(a)	0	1	105,000	2,891,582.73
			A	0	0	0	21,582.73
3.2	Annual review of compliance with hygienic and environmental standards	Report	P	1	3	20,000	80,000
			P(a)	1	3	5,000	20,000
			A	0	0	0	0
3.3	Number of people trained in SPS and food safety standards	People	P	30	100	20,000	80,000
			P(a)	20	100	5,000	60,021.37
			A	0	6	0	16,021.37
3.4	Development and implementation of a simplified grading system for beef	Regulation	P	1	0	15,000	60,000
			P(a)	0	5	5,000	42,666.33
			A	0	0	0	32,666.33
3.5	Update of abattoir standards and preparation of legal framework completed	Regulation	P	1	0	15,000	60,000
			P(a)	0	1	5,000	57,666.33
			A	0	0	0	32,666.33
3.6	Adaptation of the International Codex Alimentarius to the Guyana context completed	Regulation	P	1	0	15,000	60,000
			P(a)	0	1	5,000	69,667.33
			A	0	0	0	32,667.33
3.7	Support to the GLDA to enforce standards completed	Annual report	P	1	0	15,000	75,000
			P(a)	0	5	5,000	50,000
			A	0	0	0	0
3.8	Support for the implementation of the Guyana Food Safety Authority	number	P		0		0
			P(a)		3		1,000,000
			A		0		0

Other Cost

	Monitoring and evaluation	P			75,000	300,000
		P(a)			40,000	419,044
		A				76,044
	Project management	P			191,525	1,092,000
		P(a)			215,800	1,542,640.68
		A			82,262.94	672,103.62

Total Cost

	Total Cost	P			2,082,525	15,000,000
		P(a)			675,800	15,000,000
		A			119,930.23	1,592,765.03

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CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Adaptation of the International Codex Alimentarius to the Guyana context completed	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Agricultural census completed	Modify Output	Inactivate Output	MICHAELC	10/08/2021
	Agricultural extension programs implemented	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MICHAELC	10/21/2021
	Agricultural survey completed	Create Output	N/A	MICHAELC	10/08/2021
	Agriculture center in Region 10 rehabilitated	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
			Modify Output name	MICHAELC	10/08/2021
	Annual review of compliance with hygienic and environmental standards	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Design and construction of a water reservoir in Region 9 completed	Modify Output	Inactivate Output	MICHAELC	10/08/2021
	Design of infrastructure completed	Modify Milestone	Modify Milestone name	MICHAELC	10/08/2021
	Development and implementation of a simplified grading system for beef	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Environmental supervision visits to monitor agriculture research and extension	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Farmers receiving incentives for agricultural technology adoption	Create Output	N/A	MICHAELC	10/14/2021
	Farmers trained	Create Output	N/A	MICHAELC	10/14/2021
	Farmers trained in sustainable agriculture practices that do not receive incentives	Modify Output	Inactivate Output	MICHAELC	10/14/2021
			Modify Output name	MICHAELC	10/08/2021
	Farmers trained in sustainable agriculture practices that use technologies promoted by AC - incentives	Modify Output	Inactivate Output	MICHAELC	10/14/2021
			Modify Output name	MICHAELC	10/08/2021
	MoA and GSB staff trained in data management	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	MoA's M&E Unit increase its analysis capacity	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	NAREI and GLDA staff trained	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MICHAELC	10/21/2021
	Number of livestock producers associations with annual meetings and functioning boards	Modify Output	Inactivate Output	MICHAELC	10/21/2021
	Number of people trained in SPS and food safety standards	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Pilot facilities processing animals	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Research programs implemented	Modify Output	Modify Financial EOP P(a) value - caused by a change in the	MICHAELC	10/21/2021

CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Research programs implemented	Modify Output	Financial P(a).		
			Modify Output name	MICHAELC	10/08/2021
	Soil laboratory constructed and implemented in research centers in Regions 10	Modify Output	Inactivate Output	MICHAELC	10/14/2021
			Modify Output name	MICHAELC	10/08/2021
	Support for the implementation of the Guyana Food Safety Authority	Create Output	N/A	MICHAELC	10/21/2021
	Support to the GLDA to enforce standards completed	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021
	Update of abattoir standards and preparation of legal framework completed	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MICHAELC	10/21/2021

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories