

# PMR Public Report

<b>Operation Number</b>	HA-G1038	<b>Chief of Operations Validation Date</b>	04/15/21
<b>Year- PMR Cycle</b>	Second period Jan-Dec 2020	<b>Division Chief Validation Date</b>	04/29/21
<b>Last Update</b>	03/29/21	<b>Country Representative Validation Date</b>	05/16/21
<b>PMR Validation Stage</b>	Validated by Representative		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Agricultural and Agroforestry Technological Innovation Program - PITAG	<b>Loan Number</b>	GRT/GA-16490-HA
<b>Executing Agency</b>	MINISTERE DE L'AGRICULTURE DES RESSOURCES NATURELLES ET DU DEVELOPPEMENT RURAL	<b>Sector/Subsector</b>	AGRICULTURE AND RURAL DEVELOPMENT-AGRICULTURAL TECHNOLOGY ADOPTION
<b>Team Leader</b>	DE SALVO, CARMINE PAOLO	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Investment Grants	<b>Country</b>	Haiti
<b>Lending Instrument</b>		<b>Convergence related Operation(s)</b>	HA-L1107, HA-G1041
<b>Borrower</b>			

## 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>		<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>			

## 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
HA-G1038	0	10,000,000	0	0	10,000,000	10,000,000	1,000,000	10.00%	9,000,000
HA-G1041	0	10,859,305	0	0	10,859,305	10,859,305	1,000,000	9.21%	9,859,305
HA-L1107	0	55,000,000	1,000,000	20,859,305	76,859,305	55,000,000	25,500,000	46.36%	29,500,000
<b>Aggregated</b>	<b>0</b>	<b>75,859,305</b>	<b>1,000,000</b>	<b>20,859,305</b>	<b>97,718,610</b>	<b>75,859,305</b>	<b>27,500,000</b>	<b>36.25%</b>	<b>48,359,305</b>

## Expense Categories by Loan Contract (cumulative values)



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

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### RESULTS MATRIX

#### General Development Objectives

General Development Objectives Nbr. 1: Improve Food Security

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Percentage of male-headed households who are severely food insecure using the Food Security Scale (ELCSA)	%	71.00	2013	2023	P	35.00
						A	

#### Details

Means of verification: Agricultural Household Surveys for baseline and follow-up.

Pro-Gender No Pro-Ethnicity No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.2	Percentage of female-headed households who are severely food insecure using the Food Security Scale (ELCSA)	%	86.00	2013	2023	P	50.00
						A	

#### Details

Means of verification: Agricultural Household Surveys for baseline and follow-up.

Pro-Gender Yes Pro-Ethnicity No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.2	Beneficiaries of IDBG projects that contribute to at least one key dimension of food security	#	0.00	2017	2023	P	65,048.00
						A	

#### Details

Means of verification: Records of beneficiaries from the Ministry.

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### RESULTS MATRIX

#### General Development Objectives

Pro-Gender	No	Pro-Ethnicity	No
<p>The General Development            bjective indicator target is            expected tobe observed by            the operation's "Fully            Justified" date            inConvergence (CO)</p>			

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### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 2:** Increase Agricultural Income

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.1	Annual agricultural profits	USD/ household	98.00	2015	2023	P	160.00
						A	

#### Details

**Means of verification:** Agricultural Household Surveys for baseline and follow-up.

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

The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)

	Annual agricultural profits of female-headed agricultural households					P	49.00
						A	
	Annual agricultural profits of male-headed agricultural households					P	189.00
						A	

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.0	Annual agricultural income	USD/ household	170.00	2015	2023	P	268.00
						A	

#### Details

**Means of verification:** Agricultural Household Surveys for baseline and follow-up

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

The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)

	Annual agricultural income for female-headed agricultural households					P	107.00
						A	

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### RESULTS MATRIX

#### General Development Objectives

	Annual agricultural income for male-headed agricultural households				P	311.00
					A	

#### General Development Objectives Nbr. 3: Increase Agricultural Productivity

##### Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
3.1	Annual value of agricultural production	USD/ Household/ year	347.00	2015	2023	P	478.00
						A	

#### Details

**Means of verification:** Agricultural Household Surveys for baseline and follow-up.

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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### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 1:** Improve use of Natural Capital

**Observation:** I1.1: This number corresponds to beneficiaries from agroforestry technologies. IDB finances 37,347 beneficiaries, GAFSP 12,245, and IFAD 11,632. I1.2: This number corresponds to beneficiaries from agroforestry technologies multiplied by an adoption rate of 75% (adoption rate observed in similar projects in the region). IDB finances 28,011 beneficiaries, GAFSP 9,183, and IFAD 8,724. I1.3: The target corresponds to estimates made for the economic analysis. IDB finances 17,019 hectares, GAFSP 5,580, and IFAD 5,301.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
1.1	Beneficiaries of improved management and sustainable use of natural capital.	# of farmers	0.00	2017	P	61,224.00		61,224.00
					A			

#### Details

**Means of verification:** Records of beneficiaries from the Ministry.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
1.2	Beneficiaries who adopted soil protection and restoration technologies	#	0.00	2017	P	45,918.00		45,918.00
					A			

#### Details

**Means of verification:** Records of beneficiaries from the Ministry.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
1.2	Additional hectares of land applying agroforestry technologies	hectares	0.00	2017	P	27,900.00		27,900.00
					A			

#### Details

**Means of verification:** Agricultural Household Surveys for baseline and follow-up.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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**Specific Development Objectives Nbr. 2:** Improve Agricultural Innovation Services

**Observation:** I2.1: Baseline is taken from IDB Agrimonitor estimations for the average of the period 2008-2012. This indicator will be measured before and after the implementation (reflexive methodology). The target is based on calculations that include the value of the investment in research made by this and other related programs of the Ministry. I2.2: These new technologies correspond solely to those developed by the Ministry of Agriculture. I2.3: These new technologies correspond solely to those developed by the Ministry of Agriculture. I2.4: These new technologies correspond solely to those developed by the Ministry of Agriculture.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
2.0	Research and development expenditure as percentage of Agricultural GDP	%	0.12	2017	P	0.30		0.30
					A			

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### RESULTS MATRIX

#### Specific Development Objectives

Details								
Means of verification: Ministry's executed budget.								
Pro-Gender		No		Pro-Ethnicity		No		
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
2.1	New technologies developed or adapted by new applied research projects	#	0.00	2017	P	8.00		8.00
					A			
Details								
Means of verification: Records of beneficiaries from the Ministry.								
Pro-Gender		No		Pro-Ethnicity		No		
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
2.2	Male farmers who adopt the technologies developed by new applied research projects.	#	0.00	2017	P	1,800.00		1,800.00
					A			
Details								
Means of verification: Records of beneficiaries from the Ministry.								
Pro-Gender		No		Pro-Ethnicity		No		
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
2.3	Female farmers who adopt the technologies developed by new applied research projects.	#	0.00	2017	P	1,200.00		1,200.00
					A			
Details								
Means of verification: Records of beneficiaries from the Ministry								
Pro-Gender		Yes		Pro-Ethnicity		No		

#### Specific Development Objectives Nbr. 3: Increase Adoption of Agricultural Technologies

**Observation:** I3.1: The target represents the percentage of adopters observed in similar projects in the region including the PATCA in Dominican Republic and CRIAR in Bolivia. I3.2: The target represents the percentage of adopters observed in similar projects in the region. I3.3: The target represents the percentage of adopters observed in similar projects in the region. IDB finances 29,760 farmers, GAFSP 9,757, and IFAD 9,269. I3.4: This includes the total number of women to benefit from the program (40% of total beneficiaries from component I and II). IDB finances 15,872 beneficiaries, GAFSP 5,204, and IFAD 4,943.

Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
3.0	Percentage of beneficiary producers who adopt agricultural technologies.	%	0.00	2017	P	75.00		75.00
					A			

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### RESULTS MATRIX

#### Specific Development Objectives

Details								
Means of verification: Agricultural Household Surveys for baseline and follow-up.								
Pro-Gender			No		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
3.1	Percentage of beneficiary women who adopt agricultural technologies	%	0.00	2017	P	75.00		75.00
					A			
Details								
Means of verification: Agricultural Household Surveys for baseline and follow-up.								
Pro-Gender			Yes		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
3.2	Farmers who adopt agricultural technologies	#	0.00	2017	P	48,786.00		48,786.00
					A			
Details								
Means of verification: Agricultural Household Surveys for baseline and follow-up.								
Pro-Gender			No		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2022	2023	EOP 2023
3.3	Women beneficiaries of economic empowerment initiatives	#	0.00	2017	P	26,019.00		26,019.00
					A			
Details								
Means of verification: Agricultural Household Surveys for baseline and follow-up. Project Report.								
Pro-Gender			Yes		Pro-Ethnicity		No	



## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Recherche et formation agricole

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2023	2020	EOP 2023
1.1	Projets recherche agricole définis et mis en oeuvre	Projet	P	2	15	3,237,000	12,198,000
			P(a)	3	14	1,000,000	11,502,150
			A	3	6	672,472	947,038
1.2	Bourses d'études complémentaires	Bourse	P	2	10	108,000	360,000
			P(a)	5	10	54,000	422,767
			A	4	4	54,696	54,887
1.3	Direction de l'Innovation renforcée	Direction	P	0	1	409,500	2,042,000
			P(a)	0	1	409,500	2,414,881
			A	0	0	490,976	942,520

## Component Nbr. 2 Promotion de Technologies Agricoles Durables

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2023	2020	EOP 2023
2.1	Agriculteurs ayant reçu des incitations agricoles	Incitation	P	6,505	65,047	14,381,337	49,909,305
			P(a)	16,202	65,285	8,000,000	48,827,874.56
			A	16,679	20,974	16,386,765	17,581,290.41
2.2	Agriculteurs ayant reçu de l'assistance technique	Assistance	P	3,300	33,000	1,500,000	6,000,000
			P(a)	10,550	33,937	1,000,000	7,795,809
			A	7,981	10,119	1,807,228	3,015,393

## Other Cost

Gestion		P			1,000,000	5,000,000
		P(a)			930,000	3,720,897.5
		A			524,320	1,452,266
Audits		P			30,000	150,000
		P(a)			30,000	100,554
		A			19,588	20,554
Suivi/evaluation		P			150,000	700,000
		P(a)			150,000	978,801.99
		A			215,701	578,801.99
Contingences		P				500,000
		P(a)				495,570.01
		A			0	0

## Total Cost

Total Cost		P			20,815,837	76,859,305
		P(a)			11,573,500	76,259,305.06
		A			20,171,746	24,592,750.4

## CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Agriculteurs ayant reçu de l'assistance technique	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DESALVO	03/28/2021
			Modify Financial Historical Actual	DESALVO	03/25/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DESALVO	03/25/2021
	Agriculteurs ayant reçu des incitations agricoles	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DESALVO	03/28/2021
			Modify Financial Historical Actual	DESALVO	03/25/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DESALVO	03/25/2021
	Bourses d'études complémentaires	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ELETTRAL	03/17/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DESALVO	03/25/2021
	Direction de l'Innovation renforcée	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DESALVO	03/25/2021
	Projets recherche agricole définis et mis en oeuvre	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	DESALVO	03/28/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	DESALVO	03/28/2021
Specific Development Objective	Additional hectares of land applying agroforestry technologies	Modify contribution to CRF Indicator	Flag contribution to CRF indicator	DESALVO	03/28/2021
	Beneficiaries of improved management and sustainable use of natural capital.	Modify contribution to CRF Indicator	Flag contribution to CRF indicator	DESALVO	03/28/2021

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## IMPLEMENTATION STATUS AND LEARNING

### Lesson Learned - Categories

Project Management Capacity