

PMR Public Report

Operation Number	HA-G1023	Chief of Operations Validation Date	10/29/21
Year- PMR Cycle	First period Jan-Jun 2021	Division Chief Validation Date	
Last Update	10/26/21	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Sustainable Management Upper Watersheds South Western Haiti-Macaya National Park	Loan Number	GRT/HR-13930-HA
Executing Agency	MINISTÈRE DE L'ENVIRONNEMENT	Sector/Subsector	ENVIRONMENT AND NATURAL DISASTERS-INTEGRATED DISASTER RISK MANAGEMENT
Team Leader	ALBARET, GERAUD	Overall Stage	Fully Disbursed
Operation Type	Investment Grants	Country	Haiti
Lending Instrument		Convergence related Operation(s)	HA-X1002
Borrower			

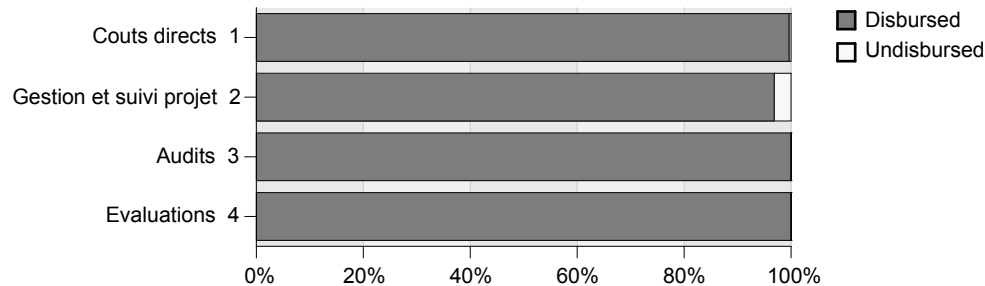
Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

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-G1023	0	8,876,245.72	0	0	9,000,000	8,876,245.72	8,876,245.72	100.00%	0
HA-X1002	0	3,243,535.87	400,000	0	3,836,364	3,243,535.87	3,243,535.87	100.00%	0
Aggregated	0	12,119,781.59	400,000	0	12,836,364	12,119,781.59	12,119,781.59	100.00%	0

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. 0: Increase farmers' median agricultural net income

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
0.0	Income = (crop value+livestock value)-input costs	%	0.00	2013	-	P	
						A	0.00

Details

Means of verification: Socio-economic surveys

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

General Development Objectives

General Development Objectives Nbr. 1: Increase carbon stock

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Carbon stock assessment in the buffer zone of the Park	%	0.00	2014	-	P	5.00
						A	1.00

Details

Means of verification: Monitoring system implemented by the project (component 4).

Observations: The baseline will be the first milestone of the component 4.

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

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

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Carbon stock assessment inside the Park	%	0.00	2014	-	P	
						A	2.00

Details

Means of verification: Monitoring system implemented by the project (component 4).

Observations: The baseline will be the first milestone of the component 4

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

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

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RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Open the Park to public and regulate

Observation: Component 1

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
0.0	Number of visitor's autorizations given	Autorization	0.00	2014	P							
					A	2.00	3.00	3.00	0.00	6.00	0.00	8.00
Details												
Means of verification: Filled forms of park authorities												
Pro-Gender		No			Pro-Ethnicity			No				

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
0.1	Number of autorizatron of research missions given	Autorization	0.00	2014	P							
					A	1.00	2.00	3.00	1.00	3.00	0.00	7.00
Details												
Means of verification: Filled forms of park authorities												
Pro-Gender		No			Pro-Ethnicity			No				

Specific Development Objectives Nbr. 1: Acquire for the country technological capacity and equipment to conduct carbon stock and Green House Gases emissions monitoring

Observation: Component 4

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
1.1	Carbon stock and Green House Gases emissions monitoring system established and operational	Monitoring System	0.00	2013	P		1.00					1.00
					A			0.00	1.00	0.00	0.00	1.00
Details												
Means of verification: Final assessment report.												
Observations: The assessment of the monitoring system will be included in the final evaluation, by an expert in this issue.												
Pro-Gender		No			Pro-Ethnicity			No				

Specific Development Objectives Nbr. 2: Increase the area with permanent vegetal cover in the buffer zone thanks to better land tenure security

Observation: Component 3

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
2.1	Area with additional permanent vegetable cover in the buffer zone	ha	3,448.00	2012	P	30.00	50.00					80.00
					A			0.00	1,800.00	585.00	0.00	1,800.00

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RESULTS MATRIX

Specific Development Objectives

Details											
Means of verification: Ext ante and ex post analysis of Geo-referenced photographs. At the beginning, at the end and 5 years after the end of the project.											
Observations: Baseline : 2,536ha of dense forest, 912 ha of heterogenous forest (Background studies to design HA-X1002 operation, data from CNIGS (National Center for Geospatial information).)											
Pro-Gender		No				Pro-Ethnicity		No			

Specific Development Objectives Nbr. 3: Improve water and sediment containment in selected gullies of the upper watersheds of the Southern part of Haiti

Observation: Component 2

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
3.1	Total volume of sediment contained by check-dams	m3	0.00	2013	P							
					A			0.00	0.00	0.00	0.00	0.00

Details											
Means of verification: Annual surveys conducted by student interns											
Observations: 75 microdam planned (20 on rural road and 55 on gullies). Each microdam will stock an average of 70m3 of sediment.											
Pro-Gender		No				Pro-Ethnicity		No			

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
3.2	Total annual volume of water stored by water retention tanks	m3	0.00	2013	P							
					A			0.00	0.00	0.00	0.00	0.00

Details											
Means of verification: Annual surveys conducted by student interns											
Observations: 75 microdam planned (20 on rural road and 55 on gullies). Each retention tank will stock annually an average of 60m3 : 10 rainfall event x 6m3 tank.											
Pro-Gender		No				Pro-Ethnicity		No			

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
3.3	Market gardens created in gullies	Hectare	0.00	2013	P							
					A			0.00	0.00	0.00	0.00	0.00

Details											
Means of verification: Annual surveys conducted by student interns											
Observations: 75 microdam planned (20 on rural road and 55 on gullies). Each microdam create a 1ha average garden (new area and better use of land just around)											
Pro-Gender		No				Pro-Ethnicity		No			

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Strengthening local governance

	Output	Unit of Measure		PHYSICAL PROGRESS	FINANCIAL PROGRESS
				EOP 2019	EOP 2019
1.1	Environmental Control and Surveillance Division (CSE) established and operational	CSE system	P	1	918,200
			P(a)	1	994,965
			A	1	994,965
1.2	Communal infrastructure projects executed	Projects	P	12	730,132
			P(a)	12	349,811
			A	12	349,811
1.3	Macaya infrastructures functional (Administrative Center, Hosting Center, Checkpoints)	Infrastructures	P	4	1,341,984
			P(a)	7	1,349,903
			A	7	1,349,903
1.4	Intercommunal agreement in the buffer zone elaborated and implemented	Medium	P	1	253,000
			P(a)	1	135,741
			A	1	135,741
1.5	Environmental Education Program implemented in Parks's buffer zone schools	School	P	23	128,082
			P(a)	38	202,453
			A	38	202,453
1.6	Priority activities of the management plan implemented	Activities	P	3	255,001
			P(a)	4	21,471
			A	4	21,471

Component Nbr. 2 Land and forest management

	Output	Unit of Measure		PHYSICAL PROGRESS	FINANCIAL PROGRESS
				EOP 2019	EOP 2019
2.1	Farmers supported by the project	# of farmers	P	450	400,000
			P(a)	1,805	4,586,496
			A	1,805	4,586,496
2.2	Socio-Environmental impact assessed	Assessment	P	1	36,500
			P(a)	1	29,200
			A	1	29,200
2.3	Rural roads equipped with water harvesting structures	Km	P	20	1,931,640
			P(a)	13	1,912,120
			A	13	1,912,120
2.4	Private sector supported to develop strategic value chain	Project	P	3	310,000
			P(a)	0	0
			A	0	0

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 3 Local regulatory framework for land tenure

				PHYSICAL PROGRESS	FINANCIAL PROGRESS
				EOP 2019	EOP 2019
Output	Unit of Measure				
3.1	Park limits physically established	km	P	0	164,000
			P(a)	132	323,800
			A	132	323,800
3.2	Macaya National Park zoning plan legally established	Area (Hectares)	P	0	0
			P(a)	1	0
			A	1	0
3.3	Scientific research missions inside the park facilitated	Mission	P	0	492,368
			P(a)	9	280,292
			A	9	280,292
3.4	Macaya management plan established and published	Plan	P	0	161,000
			P(a)	1	368,373
			A	1	332,330

Component Nbr. 4 Monitoring emissions Green House Gases

				PHYSICAL PROGRESS	FINANCIAL PROGRESS
				EOP 2019	EOP 2019
Output	Unit of Measure				
4.1	Green House Gases emissions and carbon stock monitored inside Macaya Park	system	P	1	208,150
			P(a)	1	173,132
			A	1	173,132

Other Cost

Evaluation		P		250,000
		P(a)		169,259
		A		169,259
Audit		P		81,810
		P(a)		118,341
		A		118,341
Project management		P		1,259,191
		P(a)		1,262,280.87
		A		1,304,867

Total Cost

Total Cost		P		13,835,844
		P(a)		12,643,535.87
		A		12,650,079

CHANGES TO THE MATRIX

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		N/A
	Response actions		
	1.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
2	Inactive		N/A
	Response actions		
	2.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
3	Inactive		N/A
	Response actions		
	3.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
4	Inactive		N/A
	Response actions		
	4.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
5	Inactive		N/A
	Response actions		
	5.0	Management Strategy	Status
		-	

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
6	Inactive		N/A
	Response actions		
	6.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
7	Inactive		N/A
	Response actions		
	7.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
8	Inactive		N/A
	Response actions		
	8.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
9	Inactive		N/A
	Response actions		
	9.0	Management Strategy	Status
		-	

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories