

PMR Public Report

Operation Number	HA-L1106	Chief of Operations Validation Date	05/05/22
Year- PMR Cycle	Second period Jan-Dec 2021	Division Chief Validation Date	05/05/22
Last Update	05/03/22	Country Representative Validation Date	05/05/22
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Solid Waste Management in Northern Haiti	Loan Number	4605/GR-HA, 4605/GR-HA-1, 4605/GR-HA-2
Executing Agency	MINISTERE DE L'ECONOMIE ET DES FINANCES, MINISTÈRE DE L'INTÉRIEUR ET DES COLLECTIVITÉS TERRITORIALES	Sector/Subsector	WATER AND SANITATION-SOLID WASTE
Team Leader	MATTHIEUSSENT ROMAIN, SARAH C.	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Grant Financing Product	Country	Haiti
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIQUE D'HAITI		

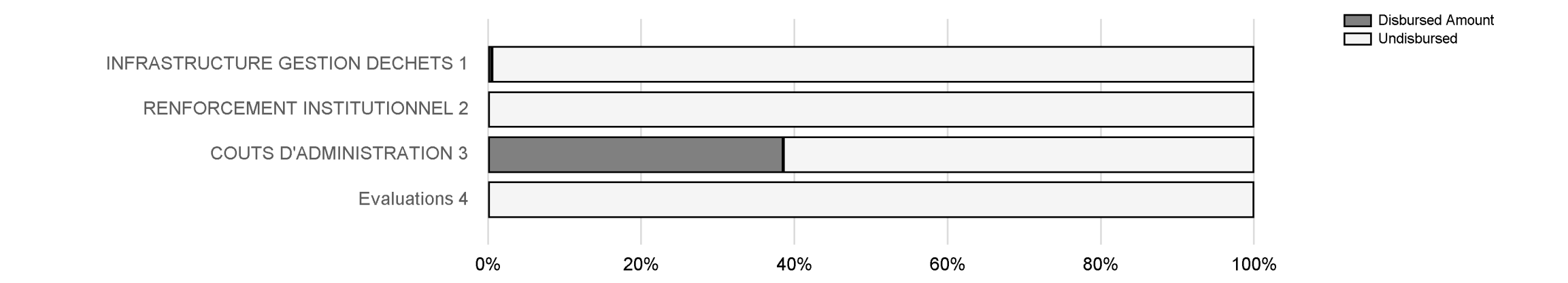
Environmental and Social Safeguards

Impacts Category	A	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Partially Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	La mise en œuvre du plan d’action correctif se poursuit pour les 19 familles (17 familles sont inscrites dans le programme) pour l’instant il manque seulement 2 familles qui ne sont pas dans le programme, mais l’UTE a entamé des discussions avec elles pour leur intégration dans le programme. L’équipe environnementale et sociale de l’Agence d’Exécution est complète, les deux spécialistes E&S sont basés dans le Nord.		

Financial Data

	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
HA-L1106	33,503,000	33,503,000	1,300,000	0	34,803,000	33,503,000	2,345,297	7.00%	31,157,703
Aggregated	33,503,000	33,503,000	1,300,000	0	34,803,000	33,503,000	2,345,297	7.00%	31,157,703

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.

RESULTS MATRIX
General Development Objectives

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 1: Solid waste management system operating in northern Haiti

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2023	2024	2025	EOP 2025
1.0	Municipal and similar solid waste collected in the northern region of Haiti	% Tons collected/tons generated	10	2018	P	-	-	27	27
					A	-	-	-	-

Details

Means of Verification: Final evaluation

Observations: "similar" : includes waste generated in households, street sweepings, small businesses, commercial facilities, industries and markets; the latter of a quality equivalent (for operating purposes of the CGIRS) to domestic wase. "collected" refers to waste collected from households by municipal truck or by garbage collectors under concession from the commune or the SAM. "northern region" includes the cities of Cap haitien, Limonade, Quartier Morin, Caracol, Terrier Rouge and Trou du Nord and industries such as Caracol Industrial Park.

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2023	2024	2025	EOP 2025
1.1	Households in the northern region of Haiti that dispose of solid waste in the CGIRS	Households (#)	0	2018	P	-	-	23,788	23,788
					A	-	-	-	-

Details

Means of Verification: Final evaluation

Observations: Waste from these households is transported by truck or by a formal collectio system to the CGIRS where it is subjected to recovery, valorization or final disposal in the sanitary landfill

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	Households with solid waste disposed in a sanitary landfill (#) ()

Indicator		Unit of Measure	Baseline	Baseline Year		2023	2024	2025	EOP 2025
1.2	Solid waste disposed of in the CGIRS	Tons/year	0	2018	P	-	-	129,440	129,440
					A	-	-	-	-

Details

Means of Verification: Final evaluation

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2023	2024	2025	EOP 2025
1.3	Compost generated	Tons/year	0	2018	P	-	-	9,021	9,021
					A	-	-	-	-

Details

Means of Verification: Final evaluation

Observations: Generated through a composting process in the CGIRS.

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year	2023	2024	2025	EOP 2025	
1.4	Compost produced in the CGIRS that is then sold	% Tons sold/tons produced	0	2018	P	-	-	100	100
					A	-	-	-	-
Details									
Means of Verification: Final evaluation									
Observations: used as a soil conditionner for farming or gardening activities									
Evaluation Methodology: -									
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator					
Indicator		Unit of Measure	Baseline	Baseline Year	2023	2024	2025	EOP 2025	
1.5	Recyclable waste sorted for sale	Tons/year	0	2018	P	-	-	1,811	1,811
					A	-	-	-	-
Details									
Means of Verification: Final evaluation									
Observations: Recyclable waste separated and transferred to a firm or institution for recycling or processing.									
Evaluation Methodology: -									
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator					
Specific Development Objectives Nbr. 2: Solid waste management institution operating in northern Haiti									
Observation:									
Indicator		Unit of Measure	Baseline	Baseline Year	2023	2024	2025	EOP 2025	
2.0	Proper management of the CGIRS by the SAM	Institution	0	2018	P	-	-	1	1
					A	-	-	-	-
Details									
Means of Verification: Final evaluation									
Observations: The SAM is in operation, with the staff and capacity needed to provide the services.									
Evaluation Methodology: -									
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator					

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component 1 : Solid waste management infrastructure

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2025	2021	EOP 2025
1.01	Station de transfert, centre d'enfouissement et de traitement et unite de tri et de compostage construites	installations	P	-	3	2,980,000	14,900,000
			P (a)	-	3	-	12,725,000
			A	-	-	-	-
1.02	Sites de disposition des containers amenes	Site	P	-	12	100,000	221,000
			P (a)	-	12	100,000	221,000
			A	-	-	-	-
1.03	Lot de containers acquis et installes	Lot	P	-	1	300,000	573,000
			P (a)	-	1	300,000	573,000
			A	-	-	-	-
1.04	Campagnes de nettoyage realisees	Campagne	P	-	5	-	240,000
			P (a)	-	5	-	240,000
			A	-	-	-	-
1.05	Projets pilotes de recyclage avec le secteur prive	Projet	P	-	2	-	315,000
			P (a)	-	2	-	315,000
			A	-	-	-	-
1.06	Appui au fonctionnement du site	Site en fonctionnement	P	-	1	-	2,891,000
			P (a)	-	1	-	2,891,000
			A	-	-	-	-
1.07	Appui aux activites de collecte realisee par les operateurs prives	Contrat subventionne	P	-	1	-	2,031,000
			P (a)	-	1	-	2,031,000
			A	-	-	-	-
1.08	Installations du marche reorganisees et marche nettoye (Limonade)	Marche restructure	P	-	1	-	1,800,000
			P (a)	-	1	-	1,800,000
			A	-	-	-	-
1.09	Infrastructures de drainage autour du marche realisees (Limonade)	Drainage	P	-	1	-	971,000
			P (a)	-	1	-	971,000
			A	-	-	-	-
1.10	Etudes techniques, sociales et environnementales	etude	P	2	2	396,000	396,000
			P (a)	2	2	396,000	396,000
			A	-	-	-	-
1.11	Cloture du site de Madras finalisee (acitivite liee au PIC)	Cloture	P	1	1	100,000	100,000
			P (a)	-	1	100,000	21,000
			A	-	-	-	-
1.12	Travaux de reconditionnement du site de Madras finalises (activite liee au PIC)	Site	P	-	1	300,000	500,000
			P (a)	-	1	300,000	1,579,000
			A	-	-	-	-
1.13	Evaluation independante de la station de traitement des eaux usees du PIC	evluation	P	1	1	250,000	250,000
			P (a)	1	1	250,000	242,000
			A	-	-	137,500	137,500
1.14	Personnes deplacees des sites de Mouchinette et du PIC formes (programme MICI)	Formation	P	1	1	200,000	250,000
			P (a)	1	1	200,000	250,000
			A	-	-	184,976	184,976
1.15	Frais acces a la terre (programme MICI)	Subvention	P	-	-	-	-
			P (a)	-	1	-	283,000
			A	-	1	-	-
1.16	Travaux d'urgence de reprise de la cloture du PIC apres les inondations de janvier 2022	ml	P	-	-	-	-
			P (a)	-	1,745	-	900,000
			A	-	-	-	-

Component Nbr. 2 Component 2 : Institutional strenghtening and environmental education

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2025	2021	EOP 2025
2.01	Personnel de la SAM recrute et operationnel	Persons	P	4	4	220,000	750,000
			P (a)	4	4	240,000	750,000
			A	-	-	-	-
2.02	Bureaux de la SAM construits	Office	P	-	1	350,000	1,150,000
			P (a)	-	1	350,000	1,150,000
			A	-	-	-	-
2.03	SAM equipee et fonctionnelle	Fonctionnement	P	1	1	60,000	540,000
			P (a)	1	1	80,000	540,000
			A	-	-	-	-
2.04	Assistance technique a la SAM recrutee et en exercice	Contrat	P	1	1	200,000	800,000
			P (a)	1	1	200,000	800,000
			A	-	-	-	-
2.05	Systeme d'information et de management installe a la SAM	System	P	-	1	700,000	980,000
			P (a)	-	1	-	980,000
			A	-	-	-	-
2.06	Activites d'education/sensibilisation environnementales realisees	activities	P	-	4	100,000	460,000
			P (a)	-	4	100,000	460,000
			A	-	-	-	-
2.07	Elaboration d'un diagnostic des opportunites economiques pour les femmes et d'un plan de promotion du genre	Diagnostic assessment	P	1	1	10,000	10,000
			P (a)	1	1	10,000	10,000
			A	-	-	-	-

Other Cost				
	Cout d'administration UTE/MEF	P	800,000	2,550,000
		P (a)	970,160	2,550,000
		A	1,096,505	1,226,345
	Cout d'administration UCP/MICT	P	120,000	450,000
		P (a)	150,000	450,000
		A	0	0
	Evaluation	P	10,000	125,000
		P (a)	10,000	125,000
		A	0	0
	Audit	P	50,000	250,000
		P (a)	50,000	250,000
		A	0	50,000
	Versement contrepartie locale sur cout d' operation et maintenance CGIS	P	0	1,300,000
		P (a)	0	1,300,000
		A	0	0
Total Cost				
	Total Cost	P	7,246,000	34,803,000
		P (a)	3,806,160	34,803,000
		A	1,418,981	1,598,821

CHANGES TO THE MATRIX

Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Cloture du site de Madras finalisee (acitivite liee au PIC)	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SARAH	5/3/2022
	Evaluation independante de la station de traitement des eaux usees du PIC	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SARAH	5/3/2022
	Frais acces a la terre (programme MICI)	Create Output	N/A	SARAH	5/3/2022
		Modify Output	Modify Baseline and/or Baseline Year	SARAH	5/3/2022
			Modify Means of Verification	SARAH	5/3/2022
	Station de transfert, centre d'enfouissement et de traitement et unite de tri et de compostage construites	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SARAH	5/3/2022
	Travaux de reconditionnement du site de Madras finalises (activite liee au PIC)	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SARAH	5/3/2022
	Travaux d'urgence de reprise de la cloture du PIC apres les inondations de janvier 2022	Create Output	N/A	SARAH	5/3/2022
		Modify Output	Modify Baseline and/or Baseline Year	SARAH	5/3/2022
			Modify Means of Verification	SARAH	5/3/2022

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Environmental and Social Safeguards
	Response Actions		
	1.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
4	Active		Human Resources
	Response Actions		
	4.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
6	Active		Political Environment
	Response Actions		
	6.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
8	Active		Institutional Environment
	Response Actions		
	8.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
9	Inactive		Sustainability
	Response Actions		
	9.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
11	Inactive		Natural Environment
	Response Actions		
	11.1	Management Strategy	Status
		MITIGATE	COMPLETE
	11.2	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
13	Active		Institutional Environment
	Response Actions		
	13.1	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Others - Technical-Sectorial Dimensions