

Operation Number: H.

HA-L1076

First period Jan-Jun 2015

Year- PMR Cycle: Last Update:

10/19/2015

PMR Validation Stage: Validated by Representative

Chief of Operations validation date:

Division Chief validation date: 10/29/2015
Country Representative validation date: 10/29/2015

10/20/2015

Inter-American Development Bank - IDB Office of Strategic Planning and Development Effectiveness

# **Operation Profile**

### **Basic Data**

Operation name:	Productive Infrastructure Program	Loan Number:	2779/GR-HA		
Executing Agency (EA):	MINISTERE DE L'ECONOMIE ET DES FINANCES				
Team Leader:	Sáiz,Ana Maria	Sector/Subsector:	NEIGHBORHOOD UPGRADING		
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).		
Lending Instrument:	Investment Loan	Country:	HAITI		
Borrower:	REPUBLIQUE D' HAITI	Convergence related Operation(s):	HA-L1081,HA-L1091,HA-L1101,HA-G1035		

#### **Total Cost and Source**

# Available Funds (US\$)

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate		Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
Aggregate	\$186,500,000.00	\$145,500,000.00	\$0.00	\$0.00	\$186,500,000.00	Aggregated	\$145500000.00	65776297.83	45.21%	\$79723702.17
u						HA-L1076	\$50,000,000.00	\$40.626.365.35	81.25%	\$9,373,634.65
HA-L1076	\$50,000,000.00	\$50,000,000.00	\$0.00	\$0.00	\$50,000,000.00	IIA-LIUIU	ψ50,000,000.00	Ψ+0,020,303.33	01.2370	ψ9,575,054.05
	400,000,000	***************************************	*****	*****	***************************************	HA-L1101	\$0.00	\$0.00		\$0.00
HA-L1081	\$40,500,000.00	\$40,500,000.00	\$0.00	\$0.00	\$40,500,000.00	HA-LIIUI	φυ.υυ	\$0.00		\$0.00
						HA-L1081	\$40,500,000.00	\$25,149,932.48	\$0.62	\$15,350,067.52
HA-L1091	\$55,000,000.00	\$55,000,000.00	\$0.00	\$0.00	\$55,000,000.00	IIA-LIUUI	Ψ40,300,000.00	Ψ23,143,332.40	Ψ0.02	ψ13,330,007.32
	400,000,000	***************************************	*****	*****	****	HA-L1091	\$55,000,000.00	\$0.00	\$0.00	\$55,000,000.00
HA-L1101	\$41,000,000.00		\$0.00	\$0.00	\$41,000,000.00	HA-LIU91	\$55,000,000.00	\$0.00	φυ.υυ	\$55,000,000.00
= 1101	Ψ,030,000.00		φο.σσ	Ψ0.00	ψ,000,000.00					

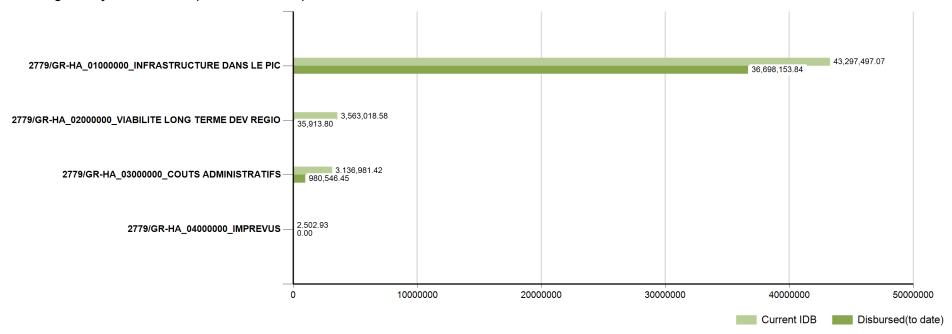
### **Environmental and Social Safeguards**

	Main Operation
Impacts Category:	
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

#### **Reformulation Information**

	Main Operation	Oper. HA-G1035	Oper. HA-L1081	Oper. HA-L1091	Oper. HA-L1101
Was/Were the objective(s) of this operation reformulated?	NO	NO	NO	NO	NO
Date of approval:					

#### **Expense Categories by Loan Contract (cumulative values)**



## **Results Matrix**

# Impacts

Impact:	1 Increased economic development in Northe	rn Haiti		
Observation:				
	I luit of	Docalina	Manua of	

Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations		2015	EOP
1.1 Total formal employment of						There is no	Р	40.00	40.00
economically active population in the North and Northeast						accurate information on	P(a)	40.00	40.00
Departments of Haiti						employment	Α		
Departments of Haiti		%	0.00	2013	Published annually in one UTE□s semiannual reports. Household and industrial survey done by UTE.	or GDP in Northern Haiti. Formal employment is low (mostly 5,000 workers at CODEVI). Household and industrial survey in 2013. Because of spillover effects, total formal employment will grow.			
1.2 GDP growth in North and Northeast Departments of Haiti					Institut Haïtien	GDP growth for Haiti in	P	8.80	8.80
Northeast Departments of Flatti					de Statistique	fiscal year 2013 reached	P(a)	8.80	8.80
					et		Α		
		%		2013	d'Informatique (IHSI). Direction des Statistiques Economiques (DSE).	4.3%. The figures for the Northern region will be calculated through the baseline study.			
1.2 National Foreign Direct					Published		Р	200.00	200.00
Investment (FDI) in Haiti		1100			annually in UTE's		P(a)	200.00	
		US\$ million per	179.00	2013	semiannual		Α		
		million per 179.0 year			report, based on Ministry of Finance statistics				





PE - Pro-Ethnicity

## Outcomes

Outco me:	1 Manufacturing firms established in the PIC.
Observ ation:	Cooperation with DOS is very positive and successful. SONAPI will be strengthened to help achieve this.

1.2 Haitian	•					Accordin	Р	4,500.00	8,580.00	8,930.00	8,930.00
women	~					g to the anchor	P(a)	4,500.00	8,580.00	8,930.00	8,930.00
employed by firms operating	P-G			2013	SONAPI semiannual reports figures supplied by tenants' employme nt records.	tenant, it	Α	4,430.00			
in the PIC		Women	1,950.00			is expecte d that minimu m of 65% of its total workforc e will be female. This will be monitore d by the Bank with all tenants.					
			3.00	2013		There are currently	Р	5.00	7.00		7.00
operating at the PIC							P(a)	5.00	7.00		7.00
		Firms				five	Α	6.00			
1.4 Total						Average	Р	9,900,000.00	18,700,000.00	19,525,000.00	19,525,000.00
salaries paid to Haitian workers						salary of US\$5	P(a)	9,900,000.00	18,700,000.00	19,525,000.00	19,525,000.00
in PIC						per day	Α	9,273,535.00			
		US\$/year	4,300,000.0 0	2013	SONAPI semiannual reports.	per worker, and 284 working days per year, as calculat ed in the economi c analysis.					

me:

Outco 2 Government's capacity to manage and attract investors to industrial parks strengthened

Observ ation:

Indicators	Flags*	Unit of Measure	Baseline	Baselin e Year	Means of verificatio n	Observ ations		2015	2016	2018	ЕОР
2.1 Rental						It's a	Р	2,480,000.00	4,200,000.00		4,200,000.00
payments by international						non- linear	P(a)	2,480,000.00	4,200,000.00		4,200,000.00
PIC tenant						jump	Α	1,091,952.00			
firms		US \$ per year	310,000.00	2013	SONAPI semiannual reports.	because SAE-A's rent-free 4 year period will end in April, 2016.					

2.2 Total taxes					As	Р	150,000.00	10,000.00	10,000.00
paid by PIC tenants for	US \$ per			by UTE on a trimester	reflected in the	P(a)	150,000.00	10,000.00	10,000.00
goods coming	year	0.00	2013	basis in its Monthly	economi	Α	0.00		
in/out of Haiti	ŕ				c analysis				
2.3 Garbage					Estimate	Р		50.00	50.00
from PIC and four					d: 60,000	P(a)		50.00	50.00
surrounding					people *	Α			
cities is landfilled or recycled in Solid Waste Facility	%	0.00	2013	Report each trimester in UTE?s Monthly Report; Facility Operator records.	0.5 Kg/pers on/day* 365 days/yr = 11,000 tons/yea r; this is includes all waste from the PIC and about 50% of waste from urban populati on of four satellite cities (Tru-du- Nord, Terrier- Rouge, Caracol and possibly Limonad e and Fo				
2.3 SONAPI				SONAPI		Р		10.00	10.00
staff trained in	staff	0.00	2013	semiannual		P(a)		10.00	10.00
nanagement of ne PIC				reports.		Α			

Outco me:

Outco 3 Social and environmental quality in the surrounding areas of the PIC enhanced.

Observ ation:

Indicators	Flags*	Unit of Measure	Baseline	Baselin e Year	Means of verification	Observ ations		2015	2016	2018	EOP
3.0 Services							Р		490,000.00		490,000.00
(transportation, water,							P(a)		490,000.00		490,000.00
sanitation)		US\$ per	230,000.00	2013	SONAPI		Α				
payments by international PIC tenants firms		year			reports.						
3.3 Social						Corresp	Р	890,000.00	1,690,000.00	1,757,250.00	1,757,250.00
security		US \$ per			SONAPI	onds to 9% of	P(a)	890,000.00	1,690,000.00	1,757,250.00	1,757,250.00
payments made by PIC		year	383,400.00		reports.	the	Α	834,618.15			
firms for Haitian workers						worker's salary.					

3.4 Women and children who obtain social services			0.00			The	Р		9,000.00		9,000.00
						center is expecte	P(a	)	9,000.00		9,000.00
						d to	Α				
provided by the community		Beneficiari		2013	UTE's montly	attend 3000					
center		es	0.00	2013	reports	people					
					(women						
					and children)						
						per year.					
3.5 Passengers			3,000.00	2013	SONAPI semiannual reports.	The	Р			9,550.00	9,550.00
utilizing the transfer						buses use the depot as	P(a	)		9,550.00	9,550.00
station/depot							Α				
						a transfer					
		Passenger									
		s per year				for PIC					
						workers and as					
						night					
					depot for parking.						
3.6 Bicycles					0011101	F	Р		250.00		250.00
using the		Bicycles	0.00	2013	SONAPI semiannual		P(a	)	250.00		250.00
bicycle lane per day		per day			reports.		A				
3.7 Illegal			0.00	2013	UTE		Р				
settlements in		Settlement s			semiannual		P(a	)	0.00		0.00
the 3 Bays protected areas		5			reports.		Α				
3.8 Accidents					SONAPI semiannual reports.	Annual number of accident	Р		29.00		20.00
reported at the PIC		accidents per 1,000	29.00	2013			P(a	)	29.00		20.00
PIC		employees	23.00	2013			Α				
						S.					
3.9 Women using lactation rooms in PIC	P-G 0.00		0 2013	SONAPI semiannual		Р			1,900.00	1,900.00	
		0.00				P(a	)		1,900.00	1,900.00	
	F-G				reports.		A				
3.10 Average Property value of properties facing paved roads			0.00	2013	SONAPI semiannual reports.	Baseline will be	P			0.00	0.00
		\$/m2				collecte	P(a			0.00	0.00
						d by end	Α				
						of 2015. Target =					
					Baseline						
						+ 30%.					



## **Outputs: Annual Physical and Financial Progress**

Provision of Infrastructure in the PIC			Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP	
Access road built (10m wide)	Meters	Р		1,500.00	Р		0.00	
		P(a)	260.00	3,570.00	P(a)	676,000.00	4,405,083.20	
		Α	0.00	3,310.00	Α	0.00	3,729,083.20	
Interior roads built (8m wide)	Meters	Р	2,315.00	4,115.00	Р	500,000.00	3,854,400.00	
		P(a)	2,315.00	6,225.00	P(a)	3,725,315.00	7,398,889.62	
		Α	0.00	3,310.00	Α	0.00	2,653,574.62	
Water distribution networks expanded	Meters	Р		5,000.00	Р		0.00	
with 50mm-diameter pipes installed		P(a)	1,580.00	9,440.00	P(a)	836,900.00	3,316,808.96	
		Α	0.00	7,860.00	Α	0.00	2,479,908.96	
Wastewater collection network	Meters	Р		3,500.00	Р		0.00	
expanded, with 300mm-diameter pipes		P(a)	3,010.00	9,370.00	P(a)	1,220,677.00	7,221,557.49	
		Α	0.00	6,360.00	Α	0.00	6,000,880.49	
Domestic waste water treatment plant	Plant	Р		1.00	Р	9,066,534.00	11,666,534.00	
constructed		P(a)	1.00	1.00	P(a)	4,229,073.30	6,460,571.70	
		Α	0.00	0.00	Α	0.00	2,231,498.40	
Fire Station	Building	Р		0.00	Р		400,000.00	
		P(a)	1.00	1.00	P(a)	540,438.38	540,438.38	
		Α	1.00	1.00	Α	540,438.38	540,438.38	
Septic Tank	Facility	Р		0.00	Р		0.00	
		P(a)		1.00	P(a)		250,000.00	
		Α		1.00	Α		250,000.00	
Kitchens	Builiding	Р		0.00	Р		0.00	
		P(a)		12.00	P(a)		170,000.00	
		Α		12.00	Α		170,000.00	
Industrial Warehouses (11,700 and	Building	Р	5.00	16.00	P	20,000,000.00	96,741,200.00	
5,000 s.q.m) built		P(a)	6.00	16.00	P(a)	31,800,000.00	79,005,266.72	
		Α	2.00	7.00	Α	13,314,284.86	37,475,006.37	
Auxiliary/smaller scale buildings (up to	Building	Р		4.00	Р	2,000,000.00	7,067,200.00	
4,000 s.q.m.) built		P(a)		10.00	P(a)		15,731,011.85	
		Α		6.00	Α		3,731,011.85	
Annex buildings (200 s.q.m) built	Building	P	1.00	1.00	P	260,000.00	960,000.00	
		P(a)	1.00	5.00	P(a)	277,720.04	1,025,440.08	
		Α	0.00	4.00	Α	0.00	747,720.04	
General use buildings built (dormitories,	Building	Р	3.00	5.00	Р	2,100,000.00	6,110,000.00	
canteens, and sanitary facilities)		P(a)	5.00	8.00	P(a)	8,100,000.00	11,489,592.00	
		Α	1.00	4.00	Α	1,683,315.01	5,072,907.01	
Park Security Watchtower built	Watchtower	P		0.00	P		0.00	
		P(a)		0.00	P(a)		0.00	
		Α	12.00	12.00	Α	516,372.50	516,372.50	
Ensuring Sustainability of the PIC and Areas	d Surrounding	Physical Progress			Financial Progress			
Outputs	Unit of Measure		2015	EOP		2015	EOP	
Cumulative Impact Assessment study	Study	Р		1.00	Р		100,000.00	
completed		P(a)	1.00	1.00	P(a)	100,000.00	100,000.00	
		Α	1.00	1.00	Α	0.00	0.00	
Caracol bay preservation projects for	Preservation	Р	1.00	3.00	Р	150,000.00	600,000.00	
site protection, fishermen, and another livelihood type are implemented	projects	P(a)	1.00	2.00	P(a)	450,000.00	600,000.00	
into in the distribution of the control of the cont		A	0.00	0.00	Α	0.00	0.00	

Hydrology, aguifer capacity and flood	Study	Р		1.00	Р	125.000.00	500,000.00
risk assessment studies completed	Siddy	P(a)	0.00	1.00	P(a)	0.00	0.00
		Α	0.00	1.00	Α	0.00	0.00
Priority urban development projects in	Projects	P	0.00	8.00	P	750,000.00	2,525,000.00
the eight municipalities surrounding the		P(a)	0.00	0.00	P(a)	0.00	0.00
PIC finished		A	0.00	0.00	A	0.00	0.00
Technical assistance and office and IT	Municipality	Р		8.00	Р	100,000.00	300,000.00
equipment delivered to eight	' '	P(a)	0.00	0.00	P(a)	0.00	0.00
Municipalities		Α	0.00	0.00	Α	0.00	0.00
Solid Waste Management Facility	Facility	Р		1.00	Р	200,000.00	2,000,000.00
constructed		P(a)	1.00	1.00	P(a)	200,000.00	200,000.00
		Α	0.00	0.00	Α	0.00	0.00
Multipurpose community infrastructure	Building	Р		1.00	P		0.00
built		P(a)	1.00	1.00	P(a)	60,340.00	360,340.00
		Α	1.00	1.00	Α	200,000.00	500,000.00
Rules and regulations of SONAPI	Regulations	Р		0.00	Р		0.00
drafted		P(a)	1.00	1.00	P(a)	200,000.00	200,000.00
		Α	1.00	1.00	Α	0.00	0.00
Biodiversity Baseline study completed	Study	Р		1.00	Р		150,000.00
		P(a)	0.00	0.00	P(a)	0.00	0.00
		Α	0.00	0.00	Α	0.00	0.00
Minor transportation infrastructure	Projects	Р	1.00	2.00	Р	360,000.00	720,000.00
works completed		P(a)	1.00	1.00	P(a)	500,000.00	500,000.00
		Α	0.00	0.00	Α	0.00	0.00
Urban transportation study completed	Study	P		1.00	P	180,000.00	310,000.00
		P(a)		1.00	P(a)		200,000.00
	0: 1	A		1.00	A	100 000 00	200,000.00
PIC monitoring and evaluation system implemented	Study	P	1.00	1.00	P	130,000.00	150,000.00
Implemented		P(a)	1.00	1.00	P(a)	500,000.00	1,000,000.00
Due Terretorides et ten DIO	Dement	A P	0.00	0.00 1.00	A P	0.00	0.00 1,600,000.00
Bus Transfer/depot for PIC workers built	Depot	P(a)		1.00	P(a)		0.00
		г(a) А		0.00	A		0.00
Bicycle lane from PIC to Caracol built	Lane	P	1.00	1.00	P		1,000,000.00
Bicycle lane from Fic to Caracor built	Lane	P(a)	1.00	1.00	P(a)	1,200,000.00	1,200,000.00
		A	0.00	0.00	A	0.00	0.00
Urban streets paved	Linear Meters	P	250.00	500.00	P	0.00	400,000.00
Orban Streets paved	Linear Weters	P(a)	250.00	500.00	P(a)	480,000.00	960,000.00
		Α	0.00	0.00	Α	0.00	0.00
Three bays National Park management	Management Unit	Р	1.00	1.00	Р	100,000.00	320,000.00
unit established		P(a)	1.00	1.00	P(a)	320,000.00	320,000.00
		Α	0.00	0.00	Α	0.00	0.00
Operational support to SONAPI			Physical Prog	gress		Financial Prog	gress
Outputs	Unit of Measure		2015	EOP		2015	EOP
Environmental, health and safety	System	Р	1.00	1.00	Р		0.00
system implemented	implemented	P(a)	1.00	1.00	P(a)	200,000.00	350,000.00
		Α	0.00	0.00	Α	0.00	0.00
Gender Plan Implemented	plan	Р	1.00	1.00	Р		0.00
		P(a)	1.00	1.00	P(a)	200,000.00	325,000.00
		Α	0.00	0.00	Α	0.00	0.00

Workshops conducted to train SONAPI	Workshops	P	2.00	2.00	Р		0.00
staff in management of the PIC		P(a)	2.00	2.00	P(a)	200,000.00	325,000.00
		Α	0.00	0.00	Α	0.00	0.00
Other Cost		20	15	Cost			
Civil Works Supervision	Р	\$2,	850,000.00	\$7,680,000.00			
·	P(a)	\$2,	000,000.00	\$6,500,000.00			
	Α	\$255,212.01		\$3,255,212.01			
Management of PIC operations					\$	465,000.00	\$3,500,000.00
-	P(a)	\$2,	000,000.00	\$5,000,000.00			
					\$3	394,827.82	\$1,394,827.82
Improvement of institutional framework of the PIC and of the capacity of SONAPI						\$40,000.00	\$200,000.00
						\$40,000.00	\$40,000.00
				Α		\$0.00	\$0.00
Program management and overall PIC operation				Р	\$1,766,086.00		\$10,295,666.00
					\$1,500,000.00		\$3,330,000.00
					\$198,713.26		\$2,028,713.26
Monitoring and Evaluation				P	\$	170,000.00	\$610,000.00
				P(a)	\$325,000.00		\$825,000.00
					\$0.00		\$380,000.00
Auditing						\$40,000.00	\$240,000.00
					\$	210,000.00	\$500,000.00
							\$160,000.00
Contingencies			Р	\$200,000.00		\$500,000.00	
					\$	650,000.00	\$650,000.00
					\$0.00		\$0.00
Total Cost					20	15	Total Cost
				P	\$41,5	552,620.00	\$160,500,000.00
					\$62,7	741,463.72	\$114,861,700.12
					\$17,103,163.84 \$73,517,		

### **Changes to the Matrix**

No information related to this operation.