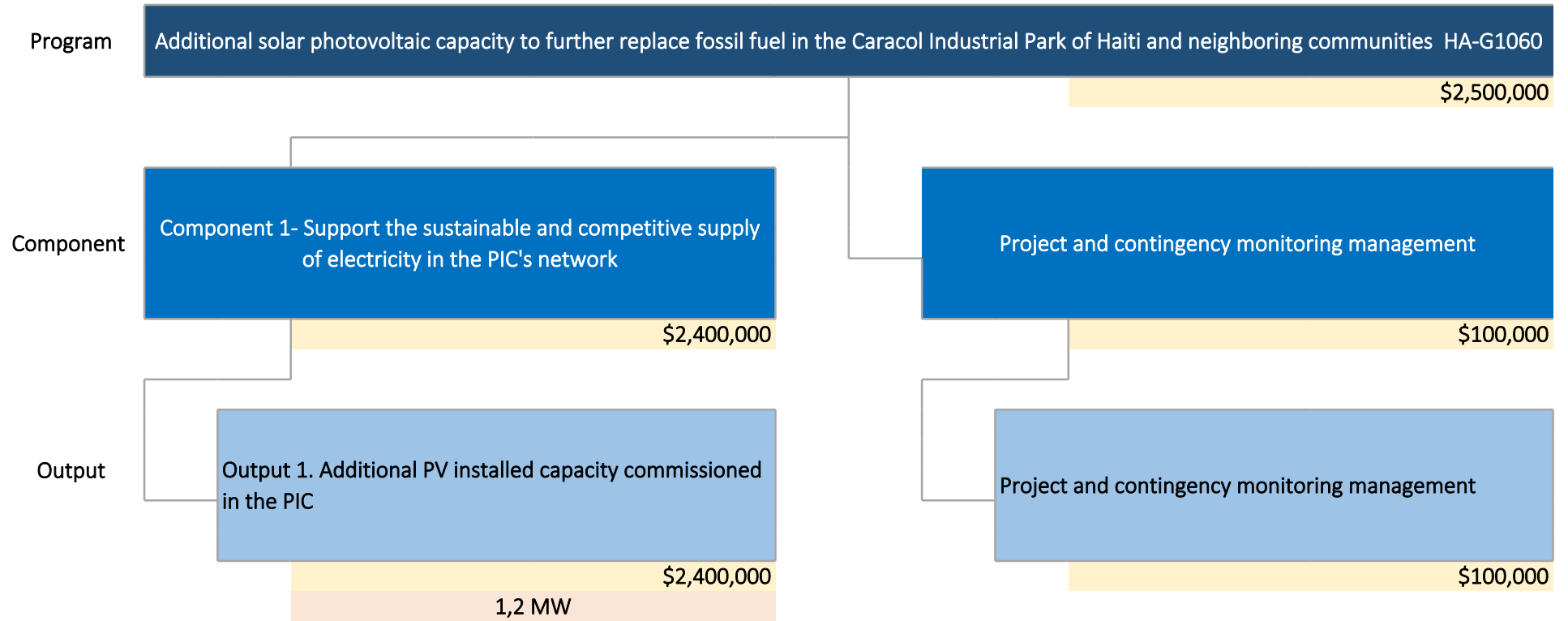


Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

INDEX	DETAILS	OBSERVATION
WBS_Out	Work Breakdown Structure - Output	
WBS_Proc	Work Breakdown Structure - procurement processes	
Prior Conditions	Effectivity and eligibility	
Program Cost	Program Cost	
Disb - Cash F	Disbursement and Annual Cash Flow Projection	
Annual Cash Flow	Anual Cash Flow	
Monthly Cash Flow	Monthly Cash Flow	This spreadsheet feeds data to the other tables
Detailed Cost	Detailed Cost	
Procur_Plan T	Procurement plan by type of process	
Procur_Plan C	Procurement plan by component	
PEP	Execution Plan	
OP 2025	Operational Plan_2025	
PMR	PMR Operational Report	
S Curve	S Curve	

Work Breakdown Structure - WBS



Work Breakdown Structure - WBS

Program

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

Component

Component 1- Support the sustainable and competitive supply of electricity in the PIC's network

Output

Output 1. Additional PV installed capacity commissioned in the PIC

Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)

WO

awarded through international competitive process

Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC

CF

QCBS

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060		
Detail	Start	End
Effectivity and eligibility	5/20/2024	12/31/2024
Effectivity	5/20/2024	10/31/2024
Start	5/20/2024	5/20/2024
Approval of the operation by OPC	8/30/2024	8/30/2024
Agreement signature	10/31/2024	10/31/2024
Eligibility	10/31/2024	12/31/2024
Conditions to be fulfilled prior to the first disbursement	10/31/2024	12/31/2024
The contract AOI CT AMACEH-006 for the design and construction of the SPP/BESS is in execution	10/31/2024	12/31/2024
The Consortium responsible for the contract AOI-CT-AMACEH-006 has presented a technical and price proposal for the execution of the Project, acceptable by the MEF and the Bank, and the amendment of the contract AOI CT AMACEH 006 considering the scope of t	10/31/2024	12/31/2024
The contract DDP-CS-AMACEH-001 for the supervision of the construction of the SPP/BESS is in execution; (ii) the Independent Engineer responsible for the contract DDP-CS-AMACEH-001 has presented a technical and price proposal for the execution of the Proj	10/31/2024	12/31/2024

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

Program Cost

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060	Total Cost
Component 1- Support the sustainable and competitive supply of electricity in the PIC's network	\$2,400,000.00
Project and contingency monitoring management	\$100,000.00
Total Cost	\$2,500,000.00

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

Disbursement Projection				
Fund	Year 2025	Year 2026	Year 2027	Total
IDB	\$1,150,000	\$1,350,000	\$0	\$2,500,000
Total	\$1,150,000	\$1,350,000	\$0	\$2,500,000
	46%	54%	0%	100%

Annual Cash Flow				
Fund	Year 2025	Year 2026	Year 2027	Total
IDB	\$1,150,000	\$1,350,000	\$0	\$2,500,000
Total	\$1,150,000	\$1,350,000	\$0	\$2,500,000
	46%	54%	0%	100%

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

WBS	#	HA-G1060_Annual Cash Flow
1	1	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network
1.1	2	Output 1. Additional PV installed capacity commissioned in the PIC
1.1.1	3	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)
1.1.2	3	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC
2	2	Project and contingency monitoring management
2.1	2	Project and contingency monitoring management
2.1.1	3	Project and contingency monitoring management
2.2	2	Final evaluation
2.2.1	3	Consultancy services for final evaluation of the operation HA-G1060
3	1	Total Cost

Year 2024	Year 2025	Year 2026	Year 2027	Total Cost
-	1,150,000	1,250,000	-	2,400,000
-	1,150,000	1,250,000	-	2,400,000
-	1,150,000	1,150,000	-	2,300,000
-	-	100,000	-	100,000
-	-	100,000	-	100,000
-	-	60,000	-	60,000
-	-	60,000	-	60,000
-	-	40,000	-	40,000
-	-	40,000	-	40,000
-	1,150,000	1,350,000	-	2,500,000

WBS	#	HA-G1060_Monthly Cash Flow	TOTAL	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27	Month 28	Month 29	Month 30	Month 31	Month 32	Month 33	Month 34	Month 35	Month 36	
				Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Sep-27	Total
1	1	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network	2,400,000	-	-	-	-	-	-	-	-	-	-	621,000	529,000	-	-	-	584,091	9,091	9,091	492,091	9,091	9,091	9,091	9,091	9,091	101,091	9,091	-	-	-	-	-	-	-	-	-	2,400,000	
1.1	2	Output 1. Additional PV installed capacity commissioned in the PIC	2,400,000	-	-	-	-	-	-	-	-	-	-	621,000	529,000	-	-	-	584,091	9,091	9,091	492,091	9,091	9,091	9,091	9,091	9,091	101,091	9,091	-	-	-	-	-	-	-	-	-	2,400,000	
1.1.1	3	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)	2,300,000	-	-	-	-	-	-	-	-	-	-	621,000	529,000	-	-	-	575,000	-	-	483,000	-	-	-	-	-	92,000	-	-	-	-	-	-	-	-	-	-	-	2,300,000
1.1.2	3	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,091	9,091	9,091	9,091	9,091	9,091	9,091	9,091	9,091	9,091	9,091	-	-	-	-	-	-	-	-	-	100,000	
2	2	Project and contingency monitoring management	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	13,000	21,000	-	-	-	-	-	-	-	100,000		
2.1	2	Project and contingency monitoring management	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-	-	-	-	-	-	-	60,000	
2.1.1	3	Project and contingency monitoring management	60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-	-	-	-	-	-	-	60,000	
2.2	2	Final evaluation	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,000	16,000	16,000	-	-	-	-	-	-	-	-	40,000	
2.2.1	3	Consultancy services for final evaluation of the operation HA-G1060	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,000	16,000	16,000	-	-	-	-	-	-	-	-	40,000	
3	1	Total Cost	2,500,000	-	-	-	-	-	-	-	-	-	-	621,000	529,000	-	-	-	589,091	14,091	14,091	497,091	14,091	14,091	14,091	14,091	14,091	114,091	30,091	21,000	-	-	-	-	-	-	-	-	2,500,000	

Year 2024	Year 2025	Year 2026	Year 2027	TOTAL
-	1,150,000	1,250,000	-	2,400,000
-	1,150,000	1,250,000	-	2,400,000
-	1,150,000	1,150,000	-	2,300,000
-	-	100,000	-	100,000
-	-	100,000	-	100,000
-	-	60,000	-	60,000
-	-	60,000	-	60,000
-	-	40,000	-	40,000
-	-	40,000	-	40,000
-	1,150,000	1,350,000	-	2,500,000

Disbursement	-	-	-	-	-	-	-	-	-	-	-	-	1,150,000.00	529,000.00	-	-	-	-	553,454.55	539,363.64	525,272.73	28,181.82	14,090.91	0.00	193,363.64	179,272.73	165,181.82	51,090.91	21,000.00	-	-	-	-	-	-	-	-	
													1,150,000.00						1,142,545.45						207,454.55													

-	1,150,000.00	1,350,000.00	-	2,500,000.00
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WBS	Output	#	HA-G1060_Detailed Cost	Total Cost (US\$)	Type of Contracting	Procurement Method
1	-	1	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network	\$2,400,000		
1.1	P1.1	2	Output 1. Additional PV installed capacity commissioned in the PIC	\$2,400,000		
1.1.1	P1.1	3	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)	\$2,300,000	WO	Amendment of existing contract awarded through international competitive process
1.1.2	P1.1	3	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC	\$100,000	CF	QCBS
2	OC	2	Project and contingency monitoring management	\$100,000		
2.1	OC	2	Project and contingency monitoring management	\$60,000		
2.1.1	OC	3	Project and contingency monitoring management	\$60,000	IC	3CV
2.2	OC	2	Final evaluation	\$40,000		
2.2.1	OC	3	Consultancy services for final evaluation of the operation HA-G1060	\$40,000	CF	SSS
3	-	1	Total Cost	\$2,500,000		

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

WBS	Output	HA-G1048_Procurement Plan	Type of Contracting	IDB Procurement Method	(Cost US\$)	Start	End	Type of Review
1	-	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network			\$2,400,000			-
1.1.1	P1.1	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)	WO	Amendment of existing contract awarded through international competitive process	\$2,300,000			EX ANTE
1.1.2	P1.1	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC	CF	QCBS	\$100,000			EX ANTE
2	OC	Project and contingency monitoring management			\$100,000			-
2.1.1	OC	Project and contingency monitoring management	IC	3CV	\$60,000			EX ANTE
2.2.1	OC	Consultancy services for final evaluation of the operation HA-G1060	CF	SSS	\$40,000			EX ANTE
		Total			\$2,500,000			EX ANTE

Summary	Number of processes
Works	1
Goods	0
Consulting Firm	2
Individual Consultant	1
Total	4

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

WBS	Output	HA-G1048_Procurement Plan	Type of Contracting	IDB Procurement Method	(Cost US\$)	Start	End	Type of Review
		Works			\$2,300,000			
1.1.1	P1.1	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)	WO	Amendment of existing contract awarded through international competitive process	\$2,300,000			EX ANTE
		Consulting Firm			\$140,000			
1.1.2	P1.1	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC	CF	QCBS	\$100,000			EX ANTE
2.2.1	OC	Consultancy services for final evaluation of the operation HA-G1060	CF	SSS	\$40,000			EX ANTE
		Individual Consultant			\$60,000			
2.1.1	OC	Project and contingency monitoring management	IC	3CV	\$60,000			EX ANTE
		Total			\$2,500,000			EX ANTE

Summary	Number of processes
Works	1
Goods	0
Consulting Firm	2
Individual Consultant	1
Total	4

WBS	#	HA-G1060_Monthly Cash Flow	Year's goal	Means of verification	Responsible	TOTAL	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
							Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	
1	1	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network				2,400,000	-	-	-	-	-	-	-	621,000	529,000	-	-	-	1,150,000
1.1	2	Output 1. Additional PV installed capacity commissioned in the PIC				2,400,000	-	-	-	-	-	-	-	621,000	529,000	-	-	-	1,150,000
1.1.1	3	Selection of a Contractor for the design and construction of a solar photovoltaic system at the Caracol Industrial Park (PIC)				2,300,000	-	-	-	-	-	-	-	621,000	529,000	-	-	-	1,150,000
1.1.2	3	Supervision - Supply, installation, commissioning of a solar photovoltaic system at the PIC				100,000	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	Project management and monitoring				100,000	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1	2	Project management and monitoring				60,000	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.1	3	Project management and monitoring				60,000	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2	2	Final evaluation				40,000	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2.1	3	Consultancy services for final evaluation of the operation HA-G1060				40,000	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	Total Cost				2,500,000	-	-	-	-	-	-	-	621,000	529,000	-	-	-	1,150,000

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

1	Component 1- Support the sustainable and competitive supply of electricity in the PIC's network		Unit Of Measure		Year 2024	Year 2025	Year 2026	Year 2027	EOP 2027
1.1	Output 1. Additional PV installed capacity commissioned in the PIC	Physical	MWp	P	-	-	1.60		1.20
				P(a)	-	-	1.60		1.20
				A	-	-	-		-
		Financial		P	-	1,150,000.00	1,250,000.00	-	2,400,000.00
				P(a)	-	1,150,000.00	1,250,000.00	-	2,400,000.00
				A	-	-	-	-	-
2	Project and contingency monitoring management		Unit Of Measure		Year 2024	Year 2025	Year 2026	Year 2027	EOP 2027
		Financial		P	-	-	100,000.00	-	100,000.00
				P(a)	-	-	100,000.00	-	100,000.00
				A	-	-	-	-	-
4	Total Cost		Unit Of Measure		Year 2024	Year 2025	Year 2026	Year 2027	EOP 2027
		Financial		P	-	1,150,000.00	1,350,000.00	-	2,500,000.00
				P(a)	-	1,150,000.00	1,350,000.00	-	2,500,000.00
				A	-	-	-	-	-

Additional solar photovoltaic capacity to further replace fossil fuel in the Caracol Industrial Park of Haiti and neighboring communities HA-G1060

IDB 2,500,000

