

# PMR Operational Report

<b>Operation Number</b>	HA-L1087	<b>Chief of Operations Validation Date</b>	03/27/17
<b>Year- PMR Cycle</b>	Second period Jan-Dec 2016	<b>Division Chief Validation Date</b>	04/20/17
<b>Last Update</b>	03/24/17	<b>Country Representative Validation Date</b>	04/27/17
<b>PMR Validation Stage</b>	Validated by Representative		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Water Management Program in the Artibonite Basin	<b>Loan Number</b>	3089/GR-HA
<b>Executing Agency</b>	Ministère de l'Agriculture, des Ressources Naturelles et du Développement Rural	<b>Sector/Subsector</b>	AG-DEV - AGRICULTURE AND RURAL DEVELOPMENT-SUSTAINABLE AGRICULTURAL DEVELOPMENT
<b>Team Leader</b>	GACHOT, SEBASTIEN	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Loan Operation	<b>Country</b>	HAITI
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	
<b>Borrower</b>	REPUBLIQUE D' HAITI		

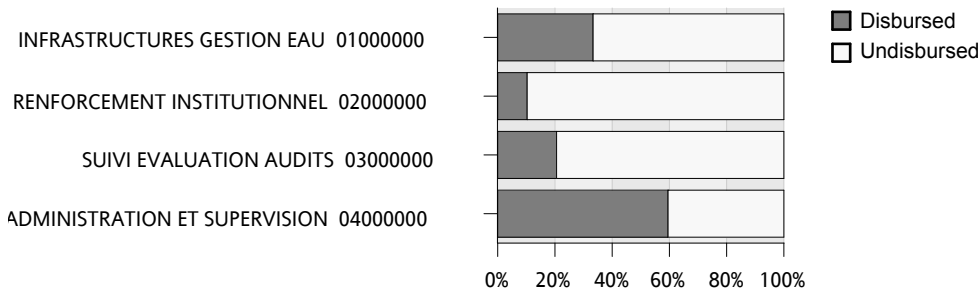
## Environmental and Social Safeguards

<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-L1087	25,000,000	25,000,000	2,500,000	0	27,500,000	25,000,000	9,347,419.77	37.39%	15,652,580.23
<b>Aggregated</b>	<b>25,000,000</b>	<b>25,000,000</b>	<b>2,500,000</b>	<b>0</b>	<b>27,500,000</b>	<b>25,000,000</b>	<b>9,347,419.77</b>	<b>37.39%</b>	<b>15,652,580.23</b>

## Expense Categories by Loan Contract (cumulative values)



Please note that the Overall Stage represents the stage of the operation at the time of this report's publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains. Please also 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.

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 1:** Decrease crop, livestock and infrastructure losses caused by flooding in the Artibonite watershed.

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
1.1	Value of annual agricultural damages caused by flooding in the Artibonite watershed	USD thousands	8700.0	2013	P	1,738.00
					P(a)	1,738.00
					A	
Details						
Means of verification: Means of Verification: Specific evaluation by the Ministry of Agriculture, using the same sample as Artelia.						
Observations: Source of baseline: Artelia surveys						
Pro-Gender		No	Pro-Ethnicity		No	

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 2:** Increase agricultural productivity in the Artibonite watershed.

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
2.1	In the irrigation district: average annual gross margins of rice for beneficiary farmers	US\$/Ha	1176.0	2013	P	1,515.00
					P(a)	1,515.00
					A	

#### Details

**Means of verification:** Household surveys during the final evaluation (ex-post economic analysis), using the same sample as Artelia.

**Observations:** Source and year of baseline: Artelia and AECOM.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
2.2	In the upper watershed: difference in average annual gross margins in selected gullies between the group of beneficiaries and control	US\$/Ha	0.0	2013	P	1,556.00
					P(a)	1,556.00
					A	

#### Details

**Means of verification:** Household surveys conducted by the firm contracted for impact evaluation.

**Observations:** (1) According to a study (Bayard, 2013), the typical crop association in gullies change from a low-profit grain-based cropping pattern ?without? infrastructure to a high-profit banana-grain-based pattern ?with? infrastructure.(2) The randomized phase-in o

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 1:** OUTCOME 1: Improve water and sediment containment in selected gullies of the upper Artibonite watershed.

**Observation:** During rainfalls events, infrastructures built in the gullies will contain (i) Sediments: with time, sediments will accumulate and create highly fertile areas where high-value crops can be grown (ii) Water: it will be contained on the upstream side of che

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
1.1	Indicator 1.1: Total volume of sediment contained by check-dams	m3	0.0	2013	P							66,500.00
					P(a)							66,500.00
					A							

#### Details

**Means of verification:** Day-to-day observations and measurements performed by field-based students affiliated to MARNDR's Studies and Programming Unit (UEP)

**Observations:** The volume of sediments contained is a good indicator of the program's environmental benefit because in the absence of check-dams, these sediments would have flown downstream and contributed to the silting of infrastructures, including the Péligre reservo

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
1.2	Indicator 1.2: Market gardens created in the gullies	Ha	0.0	2013	P							620.00
					P(a)							620.00
					A							

#### Details

**Means of verification:** Day-to-day observations and measurements performed by field-based students affiliated to MARNDR's Studies and Programming Unit (UEP)

**Observations:** The total area of market gardens created on the upstream side of check-dams is a good indicator of the program's local economic benefit (agricultural intensification systematically observed on those areas).

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
1.3	Indicator 1.3: Total annual volume of water stored by water retention tanks	m3	0.0	2013	P							52,000.00
					P(a)							52,000.00
					A							

#### Details

**Means of verification:** Day-to-day observations and measurements performed by field-based students affiliated to MARNDR's Studies and Programming Unit (UEP)

**Observations:** Water retention tanks built on the downstream side of check-dams will store rainwater and will thus facilitate access to water usable for agricultural as well as domestic purposes by local populations. Field observation (Saintil, 2013) suggests that a wat

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
1.4	Indicator 1.4: Farmers who benefit from new cultivable area and better access to water.	Farmers (#)	0.0	2013	P							2,350.00
					P(a)							2,350.00
					A							

#### Details

**Means of verification:** Household surveys performed by field-based students affiliated to MARNDR's Studies and Programming Unit (UEP)

**Observations:** Each check-dam will benefit one farmer (and his family). Each water tank will benefit at least 10 additional farmers (and their family).

Pro-Gender		No	Pro-Ethnicity		No							
	Afro-descendant				P							
					P(a)							
					A							
	Boys				P							
					P(a)							
					A							
	Girls				P							
					P(a)							
					A							
	Indigenous				P							
					P(a)							
					A							
	Men				P							
					P(a)							
					A							
	Women				P							
					P(a)							
					A							

**Outcome Nbr. 2:** OUTCOME 2: Improve water distribution in the Artibonite irrigation district

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
2.1	Indicator 2.1: Surface of the irrigation district that	Ha	0.0	2013	P							3,300.00

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

2.1	benefit optimal waterflows in the pilot area	Ha	0.0	2013	P(a)								3,300.00
					A								

#### Details

**Means of verification:** Water flows will be measured at gates (100 measuring devices installed, including a tele-monitoring unit at ODVA = output 6).

**Observations:** ?Optimal flows? means that actual waterflows measured are consistent with theoretical waterflows (for which the canals were designed) and that there is no excess, scarcity or waste of water in the irrigation system.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
2.2	Indicator 2.2: Number of farmers that benefit a better water distribution in the pilot area of the irrigation district	Farmers (#)	0.0	2013	P						6,400.00
					P(a)						6,400.00
					A						

#### Details

**Means of verification:** Water Users Associations' registry of members.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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	Afro-descendant				P							
					P(a)							
					A							
	Boys				P							
					P(a)							
					A							
	Girls				P							
					P(a)							
					A							
	Indigenous				P							
					P(a)							
					A							
	Men				P							
					P(a)							
					A							
	Women				P							

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

	Women				P(a)							
					A							

**Outcome Nbr. 3:** OUTCOME 3: Decrease waterlogging in the Artibonite irrigation district

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
3.1	Indicator 3.1: Surface cultivated in formerly uncultivated and hydromorphic area	Ha	0.0	2013	P							3,000.00
					P(a)							3,000.00
					A							

#### Details

**Means of verification:** Measures of areas with GPS.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
3.2	Indicator 3.2: Number of farmers cultivating in formerly uncultivated and hydromorphic area	Farmers (#)	0.0	2013	P							7,500.00
					P(a)							7,500.00
					A							

#### Details

**Means of verification:** WUA's registry of members.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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	Afro-descendant				P							
					P(a)							
					A							
	Boys				P							
					P(a)							
					A							
	Girls				P							
					P(a)							
					A							
	Indigenous				P							
					P(a)							

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

	Indigenous				A							
	Men				P							
					P(a)							
					A							
	Women				P							
					P(a)							
					A							

**Outcome Nbr. 4:** OUTCOME 4: Improve flood management at Peligre dam

**Observation:** One of the main roles of the Péligre commission is to ensure that EDH complies with key operating rules at Peligre dam, including rules for flood management

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
4.1	Indicator 4.1: Days with water level at Péligre dam above the maximum limit for flood management	Days	75.0	2011	P	75.00	0.00	0.00	0.00	0.00		0.00
					P(a)	75.00	0.00	0.00	0.00	0.00		0.00
					A	0.00	0.00	0.00				

#### Details

**Means of verification:** EDH operation reports at Peligre dam and flood management software (see output 8)

**Observations:** According to the dam's operations manual, if the water level is above 166 Meters Above Sea Level (MASL) between May 1st and June 15th or above 168 MASL between September 15th and October 15th, the Péligre dam cannot act as a buffer in case of heavy rains

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
4.2	Indicator 4.2: Days with water flows released by Péligre dam above 400 m3/sec	Days	18.0	2011	P	18.00	0.00	0.00	0.00	0.00		0.00
					P(a)	18.00	0.00	0.00	0.00	0.00		0.00
					A	0.00	0.00	0.00				

#### Details

**Means of verification:** EDH operation reports at Peligre dam and flood management software (see output 8)

**Observations:** Flooding in the Valley is inevitable if Canneau dam receives water flows above 500 m3/sec, then if Peligre dam releases more than 400 M3/sec (flow at Canneau = flows from Peligre + flows for others tributaries).

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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**Outcome Nbr. 5:** OUTCOME 5: Improve ODVA's internal management

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
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## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

5.1	Indicator 5.1: Financial statements prepared by external auditors issued with a positive opinion	Audit	0.0	2013	P	0.00	0.00	0.00	1.00	1.00		1.00
					P(a)	0.00	0.00	0.00	1.00	1.00		1.00
					A	0.00	0.00	0.00				

#### Details

**Means of verification:** Annual audits prepared by external auditors..

**Observations:** The correct fiduciary and internal control management of ODVA is a key part of the general capacity of ODVA to properly operate and maintain the main infrastructures of the irrigation district. Targets don't cumulate.

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

**Outcome Nbr. 6:** OUTCOME 6: Improve operations and maintenance of hydraulic infrastructures and equipment in the irrigation district

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
6.1	Indicator 6.1: Secondary and tertiary canals and drains dredged (manually) by the 3 WUAs in the pilot area	Meters	86.0	2012	P	86.00	86.00	108.00	136.40	136.40		1,364.00
					P(a)	86.00	86.00	108.00	136.40	136.40		1,364.00
					A	0.00	0.00	40.60				

#### Details

**Means of verification:** WUAs annual reports on operations, maintenance and collection of water tariffs (reports controlled by Technical Assistance firm)

**Observations:** Measures the level of maintenance provided by WUAs. The existing network counts with 86Km of canals and drains; the project will built 50.4 additional Km. The dredging of the existing 86Km by WUAs in 2012 was financed by ODVA. Targets don't cumulate.

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

Indicator		Unit of Measure	Baseline	Baseline Year		2014	2015	2016	2017	2018	2019	EOP 2019
6.2	Indicator 6.2: Rate of cost recovery in the 3 WUAs of the pilot area	%	0.0	2013	P	0.00	50.00	75.00	75.00	75.00		75.00
					P(a)	0.00	50.00	75.00	75.00	75.00		75.00
					A	0.00	0.00	0.00				

#### Details

**Means of verification:** WUAs annual reports on operations, maintenance and collection of water tariffs (reports controlled by Technical Assistance firm)

**Observations:** Measures the WUAs' financial viability (the capacity of WUAs to operate without subsidies). Water tariffs will be at least \$US10/Ha/year. Targets don't cumulate.

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

## RESULTS MATRIX

### OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component 1. Water and sediment management infrastructures

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2016	EOP 2019	2016	EOP 2019
1.1	Output 1: Water and sediment containment infrastructures built in gullies in the pilot area of the upper watershed	Infrastructures	P	247	950	1,220,000	5,262,500
			P(a)	40	900	300,000	4,762,500
			A	9	15	253,853.25	399,961.25
1.2	Output 2: Electromechanical system (gates and automatic control) at Canneau dam rehabilitated	System	P		1		621,143
			P(a)		1	27,800	621,143
			A	0	0	39,918.33	100,124.33
1.3	Output 3: Protection walls preventing the Left and Right Banks Master Canals from collapsing downstream Canneau dam: built	Wall	P		2		2,690,986
			P(a)	2	2	1,541,713	2,290,986
			A	1.75	1.75	1,138,748.16	1,695,207.16
1.4	Output 4: Secondary and tertiary irrigation and drainage canals built or rehabilitated in the pilot area of the irrigation district	Kilometers	P	28.4	50.4	1,120,603	4,441,708
			P(a)	20	50.4	3,000,000	4,441,708
			A	44.1	49.9	2,325,612.62	3,148,181.62
1.5	Output 5: Primary irrigation and drainage canals dredged in the irrigation district	Meters	P	30,000	120,000	796,500	3,451,500
			P(a)	40,000	120,000	255,970	3,451,500
			A	6,382	6,382	393,086.43	393,086.43
1.6	Output 6: Equipment to regulate and measure water flow built/installed on the main canals of the irrigation district	Device	P	50	100	765,653	1,435,320
			P(a)	50	100	20,000	1,435,320
			A	1	1	118,711.27	118,711.27

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 2 Component 2. Institutional strengthening

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2016	EOP 2019	2016	EOP 2019
2.1	Output 7: Meetings of the Péligre Commission taking place	Meetings	P	6	27	69,000	345,000
			P(a)	2	19	0	375,000
			A	0	3	0	1,352
2.2	Output 8: Flood management system (composed of water level gauges, flood management software and one computer per dam) operating at the Péligre and Canneau dams	System	P		1		338,725
			P(a)	0	1		338,725
			A	0	0	0	0
2.3	Output 9: Artibonite Watershed Binational Commission created	Commission	P		1	62,500	250,000
			P(a)		0	0	0
			A	0	0	0	0
2.4	Output 10: ODVA's procedures manual for operation and maintenance of infrastructure and equipment prepared	Manual	P		1		128,011
			P(a)	1	1	40,800	128,011
			A	0	0	47,648.17	69,562.17
2.5	Output 11: CIA-ODVA's staff trained	Staff	P	20	20	85,340	256,024
			P(a)	20	20	80,000	402,274
			A	30		95,296.33	139,123.33
2.6	Output 12: Annual technical and financial plan and annual technical and financial report of operation and maintenance of primary infrastructures under ODVA's responsibility prepared	Reports/plans	P	2	9	51,204	256,023
			P(a)	2	7	45,500	402,273
			A	2	2	77,991.23	139,123.23
2.7	Output 13: CIA-ODVA equipped with a package of operating equipment	Package of equipment	P		1		90,000
			P(a)	1	1	34,125	90,000
			A	0.5	0.5	0	32,124
2.8	Output 14: ODVA's administrative and financial staff trained	Staff	P	10	10	50,000	150,000
			P(a)	10	10	90,000	150,000
			A	10		0	3,083
2.9	Output 15: Accounting software installed at the ODVA's administrative and financial service	Accounting software	P		1		15,000
			P(a)	1	1	4,586.44	15,000
			A	1	1	3,000	13,413.56
2.10	Output 16: ODVA's administrative and financial service equipped with a package of operating equipment	Package of equipment	P		1		60,000
			P(a)	1	1	30,000	63,000
			A	1	1	61,179.42	61,179.42
2.11	Output 17: DGSE-ODVA equipped with a package of operating equipment	Package of equipment	P		1		140,000
			P(a)	0.5	1	70,511.82	146,000
			A	0.5	1	73,465.37	142,953.55
2.12	Output 18: Water Users Associations (WUAs) equipped with office, IT equipment and motorcycles	WUAs	P	9	16	347,500	695,000
			P(a)	4	16	80,000	695,000
			A	0	0	23,647.9	60,724.72
2.13	Output 19: DGSE and WUA staff trained	Staff	P	130	170	288,161	1,487,054.5
			P(a)	130	170	100,000	1,532,795.42
			A	0		23,109.37	51,752.37
2.14	Output 20: Annual technical and financial plan and annual technical and financial report of operation and maintenance of infrastructures under WUAs' responsibility: prepared	Reports/plans	P	6	24	288,161	1,487,055.5
			P(a)	6	14	100,000	1,532,796.42
			A	0	0	23,109.37	51,752.37

## Other Cost

	Administration, Monitoring and Evaluation, Audits, Contingencies	P			739,451	3,898,950
		P(a)			809,581	4,625,968.16
		A			709,392.64	1,902,613.64

**Total Cost**

	Total Cost	P			5,884,073	27,500,000
		P(a)			6,630,587.26	27,500,000
		A			5,407,769.86	8,524,029.42

# PMR Operational Report

## CHANGES TO THE MATRIX

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	Output 3: Protection walls preventing the Left and Right Banks Master Canals from collapsing downstream Canneau dam: built	Modify Output	Physical output has been completed. Initial budget was overestimated by about \$400,000.	03/15/2017	12/16/2016
Output	Output 12: Annual technical and financial plan and annual technical and financial report of operation and maintenance of primary infrastructures under ODVA's responsibility prepared	Modify Output	Budget for the technical assistance to ODVA was wrongly put in the Administration-ME-audits component. The budget was transferred back to Outputs 11 and 12 as this technical assistance will contribute to the achievement of these two outputs.	03/21/2017	12/16/2016
Output	Output 1: Water and sediment containment infrastructures built in gullies in the pilot area of the upper watershed	Modify Output	Physical target is reduced for technical (difficulty to identify all 950 sites) and financial (budget for other outputs being underestimated) reasons.	03/15/2017	12/16/2016
Output	Output 11: CIA-ODVA's staff trained	Modify Output	Budget for the technical assistance to ODVA was wrongly put in the Administration-ME-audits component. The budget was transferred back to Outputs 11 and 12 as this technical assistance will contribute to the achievement of these two outputs.	03/21/2017	12/16/2016
Output	Output 7: Meetings of the Péligre Commission taking place	Modify Output	\$30,000 transferred to that output because the initial budget was underestimated. Physical targets are reduced because the work of the commission was interrupted between 2015 and 2016. The commission is being relaunched at the start of 2017	03/15/2017	12/16/2016
Output	Output 1: Water and sediment containment infrastructures built in gullies in the pilot area of the upper watershed	Modify Output	Physical target is reduced for technical (difficulty to identify all 950 sites) and financial (budget for other outputs being underestimated) reasons.	03/15/2017	12/16/2016
Output	Output 20: Annual technical and financial plan and annual technical and financial report of operation and maintenance of infrastructures under WUAs? responsibility: prepared	Modify Output	Initial budget was slightly underestimated. Due to delays in the procurement process, the technical assistance firm just started working in September 2016 and thus the initial physical target of 6 report for 2017 is unlikely to be reached.	03/15/2017	12/16/2016
Output	Output 7: Meetings of the Péligre Commission taking place	Modify Output	\$30,000 transferred to that output because the initial budget was underestimated. Physical targets are reduced because the work of the commission was interrupted between 2015 and 2016. The commission is being relaunched at the start of 2017	03/15/2017	12/16/2016
Output	Output 9: Artibonite Watershed Binational Commission created	Modify Output	Output is cancelled because the platform that the project was supposed to support is no longer operational.	03/15/2017	12/16/2016
Output	Output 16: ODVA's administrative and financial service equipped with a package of operating equipment	Modify Output	Physical output was reached in 2016. \$3,000 are still transferred to that category in case small additional investment is needed by the end of the project.	03/15/2017	12/16/2016
Output	Output 19: DGSE and WUA staff trained	Modify Output	Initial budget was slightly underestimated. Due to delays in the procurement process, the technical assistance firm just started working in September 2016 and thus the initial physical target of 6 report for 2017 is unlikely to be reached.	03/15/2017	12/16/2016
Output	Output 20: Annual technical and financial plan and annual technical and financial report of operation and maintenance of infrastructures under WUAs? responsibility: prepared	Modify Output	Initial budget was slightly underestimated. Due to delays in the procurement process, the technical assistance firm just started working in September 2016 and thus the initial physical target of 6 report for 2017 is unlikely to be reached.	03/15/2017	12/16/2016
Output	Output 17: DGSE-ODVA equipped with a package of operating equipment	Modify Output	Physical output was reached in 2016. \$6,000 are still transferred to that category in case small additional investment is needed by the end of the project.	03/15/2017	12/16/2016
Output	Output 9: Artibonite Watershed Binational Commission created	Modify Output	Output is cancelled because the platform that the project was supposed to support is no longer operational.	03/15/2017	12/16/2016