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Wildlife and human-elephant conflicts management in the South of Gabon (P157249)

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AFRICA | Gabon | Environment & Natural Resources Global Practice |
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 6 | ARCHIVED on 18-Mar-2019 | ISR36188 |

Implementing Agencies: Agence Nationale des Parcs Nationaux, Ministere des Finances

Key Dates

Key Project Dates

Bank Approval Date: 02-Sep-2016   Effectiveness Date: 04-Jan-2017

Planned Mid Term Review Date: 30-Nov-2019   Actual Mid-Term Review Date: --

Original Closing Date: 31-Dec-2021   Revised Closing Date: 31-Dec-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To reduce elephant poaching and human-elephant conflicts in the target zones

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Support to National Ivory Action Plan implementation:(Cost $1.14 M)

Support for integrated landscape management and local community participation:(Cost $5.88 M)

Border Surveillance (Gabon-Congo):(Cost $1.20 M)

Project Coordination, management and Monitoring and evaluation:(Cost $0.83 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	●Moderately Satisfactory	●Moderately Unsatisfactory
Overall Implementation Progress (IP)	●Moderately Satisfactory	●Moderately Unsatisfactory
Overall Risk Rating	●Substantial	●Substantial

Implementation Status and Key Decisions

Implementation status by components is as follows:
Component 1 (Support to National Ivory Action Plan implementation): The project has thus far recruited the Technical Assistant focusing on Human Elephant Conflicts (CHE) and validated the data collection protocol on elephant populations. The ongoing activities are related to the recruitment of a consultant to create the database on natural resources (which would have a specific window on elephant populations and human-elephant conflict, HEC), the procurement of equipment for establishing a lab specializing in the traceability of ivory, and the development of an international

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network of laboratory experts. The activities pending to be launched include the trainings on judicial proceedings, interrogation and analysis relating to elephant poaching and ivory trafficking. The mission agreed to finalize or launch the remaining activities by end-November 2019.

Component 2 (Support for integrated landscape management and local community participation): This is the most advanced component with several activities achieved and ongoing. The project has finalized the recruitment of all eco-guards (45) is conducting its annual anti-poaching operations (having first procured the necessary equipment and conducted the associated trainings). In addition, the project has been holding bi-annual meetings Local Management Consultative Committees to raise awareness about the project and the management of the HEC. The activities currently ongoing (or not yet launched) relate mostly to the construction of infrastructure to support accessibility and surveillance of the national parks, and electric barriers to help mitigate HEC. The mission agreed to finalize or launch the remaining activities by end-November 2019.

Component 3 (Border Surveillance): to date, two joint patrol planning workshops have been organized, a surveillance vehicle has been acquired for the mobile Brigade and their patrol surveillance missions are regularly carried out. The acquisition of a motorized boat dedicated to cross-border surveillance is underway as well as the construction of the Doussala surveillance antenna. As explained previously, the Ndindi antenna was not constructed because of access difficulties. This activity was therefore canceled and its budget re-allocated to the rehabilitation works of the Moukalaba-Doudkou and Waka roads (Component 2). In addition, the annual joint patrol planning workshops between Gabon and the Republic of Congo, expected to be organized by each country on a rotating basis, is challenged by a lack of funding from the Congolese side. In case this lack of funding persists, it was agreed to carry out the join patrol planning by other means of communication (i.e., email exchanges), while continuing the patrols on the Gabonese side. The project's mid-term review will review Component 3 as necessary, in the event that these other modes of communication for joint planning do not lead to satisfactory results.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	🔴High	🔴High	🔴High
Macroeconomic	🟠Substantial	🟠Substantial	🟠Substantial
Sector Strategies and Policies	🟡Moderate	🟡Moderate	🟡Moderate
Technical Design of Project or Program	🟠Substantial	🟠Substantial	🟠Substantial
Institutional Capacity for Implementation and Sustainability	🟡Moderate	🟡Moderate	🟡Moderate
Fiduciary	🟡Moderate	🟡Moderate	🟡Moderate
Environment and Social	🟠Substantial	🟠Substantial	🟠Substantial
Stakeholders	🟡Moderate	🟡Moderate	🟡Moderate
Other	--	--	--
Overall	🟠Substantial	🟠Substantial	🟠Substantial

Results

PDO Indicators by Objectives / Outcomes

Reduced poaching
▶Indicator 1: Proportion of illegally killed elephants (PIKE) in targeted national parks (disaggregated by national park) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target

Value	15.00	30.00	30.00	10.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021
Comments:	PIKE is defined as the number of illegally killed elephants found divided by the total number of elephant carcasses encountered by SMART patrols or other means. The target zones are the four national parks. While PIKE provides a sensitive measure of poaching trends, it may be affected by a number of potential biases related to data quality, carcass detection probabilities, variation in natural mortality rates and other factors. Hence, results need to be interpreted with caution. Quantitative PIKE results need to be triangulated with quantitative and qualitative information from other sources to ensure confidence as to the robustness of the results.			

◢PIKE Moukalaba-Doudou (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	15.00	44.00	3.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢PIKE Loango (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	0.00	1.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢PIKE Mayumba (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	33.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢PIKE Waka (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	50.00	25.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

Reduced human-elephant conflicts

▶Indicator 2: Reported incidents of human-elephant conflicts in the target zones (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	247.00	247.00	464.00	107.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021
Comments:	Reported incidence of human-elephant conflicts include mainly destruction of harvests (crops) and damage to human being including also deaths. Reports include formal complaints logged as well as the chief conservators☐☐ reports on the number of damages to crops and humans.			

▶Indicator 3: Stage of development of corridor management plans by corridor (Number, Custom)

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	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00
Date	31-Dec-2015	12-Dec-2017	31-Dec-2018	31-Dec-2021
Comments:	Corridor management plans are comprehensive land use plans defined in the Forest Code (currently under preparation). They go beyond traditional land use plans, as they will determine areas where for example infrastructure activities in a legal sense are prohibited and will also lead to demarcation of the corridors. Consultations will include all stakeholders including a validation of the final management plans by all of them. Three corridors are prioritized for study.			

◢Corridor Loango - Moukalaba-Doudou (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Corridor Moukalaba-Doudou - Mayumba (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Corridor Mayumba - Conkouati (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

▶Indicator 4: Satisfaction by target beneficiaries of project interventions (of which female) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70.00
Date	31-Dec-2015	12-Dec-2017	12-Dec-2017	31-Dec-2021
Comments:	Satisfaction with project interventions focuses on HEC and perception whether interventions are effective and meet the demand of project beneficiaries and will be solicited through a semi-structured questionnaire. Project beneficiaries include commercial farmers, â□□associationsâ□□, subsistence farmers, and farmers (paid labor) in the four national parks and their buffer zones and periphery zones.			

◢Satisfaction of female (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00

▶Indicator 5: Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1,370.00	1,000.00

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Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021
Comments:	Direct beneficiaries are people or groups who directly derive benefits from an intervention (i.e., children who benefit from an immunization program; families that have a new piped water connection). Please note that this indicator requires supplemental information. Supplemental Value: Female beneficiaries (percentage). Based on the assessment and definition of direct project beneficiaries, specify what proportion of the direct project beneficiaries are female. This indicator is calculated as a percentage.			

⬛Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	40.00	60.00

Overall Comments

Previous issues reported with data collection for Indicator 1 (PIKE) have been resolved.

On indicator 2 (human-elephant conflicts - HEC), the project is conducting an investigation to verify the validity of the registered complaints. In 2016, the victims of human-elephant conflicts were compensated by the government. Following this compensation, the number of complaints significantly increased. It could be that there is a correlation between this compensation and the increase in complaints. This is expected by end-March 2019 as per new action plan agreed in this ISR.

On indicator 3, activities have been launched and are in progress but no results are registered as of yet.

On indicator 4, the satisfaction of the beneficiaries will be assessed after the completion of the project interventions for the benefit of the communities and the surveys to be carried out at the end of the year 2019. For now, the survey protocol has already been developed and validated.

Intermediate Results Indicators by Components

Component 1: Support to National Ivory Action Plan implementation

▶IR indicator 1.1 People trained in wildlife crime prevention (disaggregated by type of trainees) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	310.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

⬛Park warden trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	115.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

⬛Chief conservators trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Ministerial staff trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Gendarmerie staff trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Aug-2021

◢Police staff trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Customs staff trained (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Magistrate staff (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

Component 2: Support for integrated landscape management and local community participation

▶IR Indicator 2.1: Proportion of the targeted zone covered by wildlife patrols according to defined criteria (disaggregated by national park) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	52.00	52.00	52.00	81.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021
Comments:	Proportion of the targeted zone covered by wildlife patrols according to defined criteria (disaggregated by national park)			

◢Moukalaba-doudou % area covered by patrols (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	64.00	64.00	68.00	90.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Loango % area covered by patrols (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	34.00	34.00	42.00	75.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Mayumba % area covered by patrols (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	19.00	19.00	32.00	60.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Waka % area covered by patrols (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	92.00	92.00	93.00	98.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

▶IR Indicator 2.2: Protected Area Management Effectiveness Tracking Tool (PAMETT) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	55.00	55.00	55.00	74.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢PAMETT Score Moukalaba-Doudou (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	57.00	57.00	59.00	75.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2017	31-Dec-2021

◢PAMETT Score Loango (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	55.00	55.00	66.00	75.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2017	31-Dec-2021

◢PAMETT Score Mayumba (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	56.00	56.00	60.00	75.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2017	31-Dec-2021

◢PAMETT Score Waka (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	53.00	53.00	58.00	70.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2017	31-Dec-2021

▶IR Indicator 2.3: Total annual person-days of patroling in national parks (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	15,609.00	15,609.00	15,609.00	26,564.00
Date	31-Dec-2015	03-Apr-2018	03-Apr-2018	31-Dec-2021

◢Total annual person-days of patroling in Moukalaba-Doudou (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	4,686.00	4,686.00	5,749.00	7,623.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Total annual person-days of patroling in Loango (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,927.00	3,927.00	2,228.00	6,930.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Total annual person-days of patroling in Mayumba (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2,838.00	2,838.00	1,529.00	5,081.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Total annual person-days of patroling in Waka (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	4,158.00	4,158.00	3,189.00	6,930.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

▶IR Indicator 2.4: Annual awareness raising campaigns by Local Management Consultative Committee (CCGL) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	8.00	8.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Annual awarness raising campaings by CCGL in Moukalaba-Doudou (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Annual awarness raising campaings by CCGL in Loango (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Annual awarness raising campaings by CCGL in Waka (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

◢Annual awarness raising campaings by CCGL in Mayumba (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	2.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

▶IR Indicator 2.5: Operators in the target zones having a management plan for wildlife under implementation (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	14.00	15.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

▶IR Indicator 2.6: Area brought under enhanced biodiversity protection (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	435,200.00	701.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

Component 3: Border Surveillance (Gabon-Congo)

▶IR Indicator 3.1 : Border area covered by patrols (ANPN, DGFAP) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	20.00	50.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

▶IR Indicator 3.2: Joint patrols in national parks Mayumba (Gabon) /Conkouati (Congo) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	3.00	50.00
Date	31-Dec-2015	03-Apr-2018	31-Dec-2018	31-Dec-2021

Component 4: Project Coordination, management and Monitoring and evaluation

▸Minimum implementation of annual work plan is completed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	30.00	57.00	100.00
Date	31-Dec-2015	30-Jun-2018	31-Dec-2018	31-Dec-2021

▸Project safeguard instruments are diligently implemented (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	31-Dec-2015	08-Feb-2018	08-Feb-2018	31-Dec-2021

Overall Comments

Indicator 1.1: these continue to be zero as activities have not yet begun and are scheduled for June 2019.

Indicator 2.2: the PAMETT scores are from 2017. The updated PAMETT scores are scheduled for December 2019, after training of the new park team on the use of the tool.

Indicator 2.3: some parks have seen a reduction in the number of annual person-days patrolling, as the number of patrolling crew can vary depending on availability and needs.
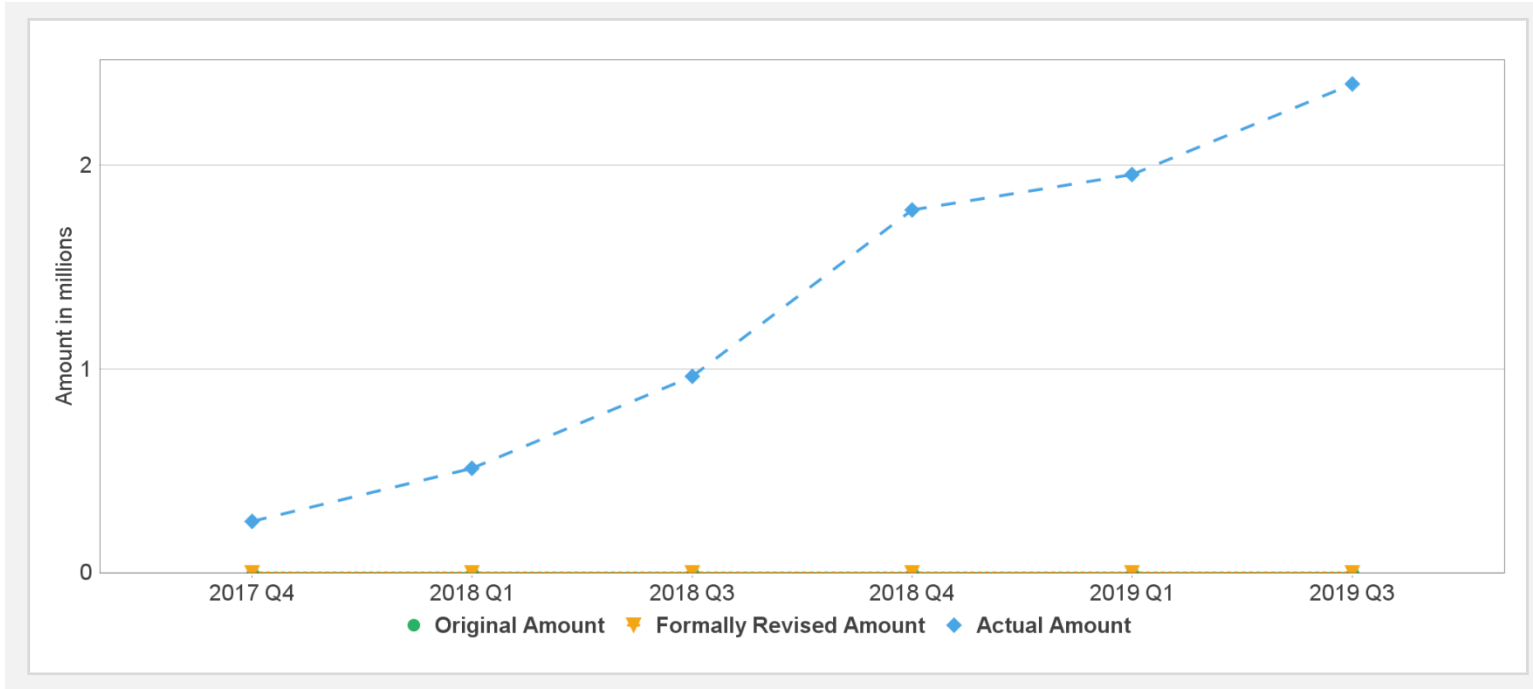
Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P157249	TF-A3107	Effective	USD	9.06	9.06	0.00	2.40	6.66	27%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P157249	TF-A3107	Effective	02-Sep-2016	06-Oct-2016	04-Jan-2017	31-Dec-2021	31-Dec-2021

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Cumulative Disbursements

Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.