



## Forest Conservation and Sustainability in the Heart of the Colombian Amazon (P144271)

LATIN AMERICA AND CARIBBEAN | Colombia | Environment, Natural Resources & the Blue Economy Global Practice |  
Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 15 | ARCHIVED on 06-Apr-2022 | ISR50175 |

Implementing Agencies: Ministry of Environment and Sustainable Development, Patrimonio Natural Fondo para la Biodiversidad y Areas Protegidas, Parques Nacionales Naturales, IDEAM, Instituto SINCHI de Investigación Amazónica

**Key Dates****Key Project Dates**

Bank Approval Date: 08-Dec-2014

Effectiveness Date: 02-Mar-2015

Planned Mid Term Review Date: 03-Feb-2020

Actual Mid-Term Review Date: 02-Mar-2020

Original Closing Date: 30-Nov-2024

Revised Closing Date: 30-Nov-2024

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The project's global environmental objective (GEO) is the same as the project's development objective (PDO), namely, to improve governance and promote sustainable land use activities in order to reduce deforestation and conserve biodiversity in the Project area.

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

No

**Components Table**

Name

1. Protected Areas Management and Financial Sustainability:(Cost \$4.56 M)
2. Sustainable forest and water management and use:(Cost \$9.00 M)
3. Governance, Policies and Incentives:(Cost \$1.31 M)
- 4.Project Coordination, Communications, Monitoring and Evaluation:(Cost \$3.50 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

**Implementation Status and Key Decisions**

This ISR summarizes implementation progress as it was discussed in the implementation support mission held virtually on March 7th through 9th, 2022. Progress towards achieving the PDO is Satisfactory. Implementation rating has been downgraded to moderately satisfactory considering low disbursements and delays in achieving the expected targets.

The project continues its role as a key contributor of the Colombian Government Vision Amazonia strategy, with its results contributing to achieving national biodiversity and climate change commitments, as well as regional ones included in the Leticia Pact for the Amazon. The project has



contributed to strengthen the National Restoration Strategy and its implementation in the Amazon. It is also providing technical inputs that enrich the National Biodiversity Law being prepared by the government and the implementation of the regional climate change strategy for the Colombian Amazon. Implementation of the FA2 will continue strengthening the governance mechanisms and capacity of regional and local institutions, and specially the community organizations that will develop sustainable forest management practices. During the second semester of 2021 COVID-19 related restrictions decreased as the country made progress on vaccination rates and the previous peak ended. However, security conditions in the Colombian Amazon deteriorated, demanding an increased effort from the project team to mitigate related risks and continue its field work only where feasible.

Some of the activities and progress documented during this period are:

- Five targeted national PAs improved their management effectiveness surpassing set targets for 2021. This was possible thanks to the commitment of partners and local communities engaged in conservation, sustainable land use and management, prevention, surveillance and control (PVyC), capacity building and environmental education processes. Management plans in two regional PAs were also supported by the project focusing on capacity building.
- Estrella Fluvial de Inirida (EFI) Ramsar site made progress on its management plan through PVyC participatory activities, implementation of its communication strategy and development of ornamental fish collection centers. In Tarapoto wetland, strengthened fishing monitoring activities were conducted and local researchers led the formulation of River Loretoyacu basin's management plan, harmonizing it with the Resguardo Ticoya Life Plan.
- New areas were restored by project activities (968.74 ha), protecting riverbanks, hydric recharge zones and enhancing forest connectivity. Monitoring protocols applied by Sinchi Institute evidenced that 90% of visited sites have a healthy forest development, plant nurseries provided materials timely and overall progress in sites is satisfactory. Reinitiating these activities in the field has boosted motivation and confidence for both project teams and beneficiaries.
- New conservation agreements incorporated 574 ha to existing agreements for a total of 24,526.4 ha under sustainable practices.
- Sinchi's Institute continued working with local researchers from EFI Ramsar site, gathering and analyzing valuable information on fauna uses at the site, to be used in the design of conservation and sustainable management measures. Sinchi also made meaningful progress with local communities in the reproduction of cedar (*Cedrela odorata*) and Canelo de los Andaquies (*Mespilodaphne quixos*) for forest enrichment and sustainable management of the arawana (*O. bicirrhosum*) fish species, including exchange with Peruvian fishermen.
- The project continues mainstreaming environmental criteria into other sectors. Sustainability guidelines for the National Road Plan for Regional Integration (PNVIR in Spanish) were applied in five municipalities; and monitoring of Guaviare's department road plan ensured only environmentally compliant road sections are constructed. The project contributed to the implementation of the Logistics National Plan by defining environmental criteria to avoid road infrastructure development in Areas of Special Environmental Interest and harmonizing logistics development with sustainable territorial planning.
- The project continues supporting the government's system for monitoring forests and carbon levels in the country, with early warning alerts and strengthened capacities of environmental authorities for forest monitoring.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Overall	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate



## Results

## PDO Indicators by Objectives / Outcomes

Management and governance for biodiversity conservation strengthened																																				
► Terrestrial protected areas under improved management effectiveness (Hectare(Ha), Custom)																																				
	Baseline	Actual (Previous)	Actual (Current)	End Target																																
Value	0.00	5,029,415.00	4,894,637.00	7,244,359.00																																
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024																																
Comments:	<p>According to the METT, five national PAs improved their management effectiveness even beyond set annual targets. In these national PAs, implementation of activities for prevention, surveillance and control (PVyC, as is stands in spanish) continued through land, river and air-surveillance routes and SicoSmart reporting, despite decreased security conditions. Capacity building activities were held with technical staff in remote monitoring and use of the Planet Scope platform. Teams were actively engaged in the municipal and department committees for PVyC and continued to conduct environmental education activities, as well as developing special strategies for land use and management with local communities including IP living in neighboring reserves or overlapping areas. Management in two regional PAs could not improve as expected considering the deteriorated security conditions that constrained field work and the need to strengthen capacity given their recent declaration status. Management effectiveness in Miraflores Picachos and La Lindosa Regional Parks, didn't meet the target, despite some improvements. The country has established a national level management effectiveness tracking system, and the project has supported capacity for its implementation. Despite its correspondence to METT, the harmonization process might lead to adjustments in annual target values (to be incorporated in the project's operational manual).</p> <table border="1"> <thead> <tr> <th>Protected Area</th> <th>Baseline</th> <th>Set Target 2021</th> <th>Actual Score 2021</th> </tr> </thead> <tbody> <tr> <td>Serranía Chiribiquete NP</td> <td>70</td> <td>71</td> <td>75</td> </tr> <tr> <td>La Paya NP</td> <td>61</td> <td>61</td> <td>62</td> </tr> <tr> <td>Alto Fragua Indi Wasi NP</td> <td>53</td> <td>53</td> <td>54</td> </tr> <tr> <td>Serranía Churumbelos Auka Wasi NP</td> <td>50</td> <td>50</td> <td>53</td> </tr> <tr> <td>Santuario Orito Ingi-Ande NP</td> <td>55</td> <td>57</td> <td>62</td> </tr> <tr> <td>Miraflores Picachos RP</td> <td>18</td> <td>24</td> <td>20</td> </tr> <tr> <td>Serranía La Lindosa – Angosturas II RP</td> <td>29</td> <td>34</td> <td>24</td> </tr> </tbody> </table>				Protected Area	Baseline	Set Target 2021	Actual Score 2021	Serranía Chiribiquete NP	70	71	75	La Paya NP	61	61	62	Alto Fragua Indi Wasi NP	53	53	54	Serranía Churumbelos Auka Wasi NP	50	50	53	Santuario Orito Ingi-Ande NP	55	57	62	Miraflores Picachos RP	18	24	20	Serranía La Lindosa – Angosturas II RP	29	34	24
Protected Area	Baseline	Set Target 2021	Actual Score 2021																																	
Serranía Chiribiquete NP	70	71	75																																	
La Paya NP	61	61	62																																	
Alto Fragua Indi Wasi NP	53	53	54																																	
Serranía Churumbelos Auka Wasi NP	50	50	53																																	
Santuario Orito Ingi-Ande NP	55	57	62																																	
Miraflores Picachos RP	18	24	20																																	
Serranía La Lindosa – Angosturas II RP	29	34	24																																	
► Areas under new or improved integrated sustainable management plans as a result of project activities (excluding PA) (Hectare(Ha), Custom)																																				
	Baseline	Actual (Previous)	Actual (Current)	End Target																																
Value	10,110.00	955,418.00	2,008,134.00	4,299,291.00																																
Date	30-Dec-2016	30-Jun-2021	31-Dec-2021	30-Nov-2024																																
Comments:	Increased hectares correspond to: (i) new area - 574 ha- under sustainable management practices (PDO4) thanks to the new conservation agreements subscribed with local communities at Guaviare and																																			



Caquetá. (ii) restoration activities -1,073.7 ha- not included previously; (iii) management plans in Ramsar sites with progress through PVyC participatory activities, implementation of its communication strategy and development of ornamental fish collection centers, formulation of River Loretoyacu basin's management plan harmonized with the Resguardo Ticoya Life Plans, and strengthened fishing monitoring activities; (iv) management plans in indigenous reserves that continued from AF1 (not previously registered in the indicator) for a total of 1.69 million hectares

#### Areas of environmental significance under legal protection increased

► New areas of environmental significance brought under legal protection (biodiversity conservation, avoided deforestation) (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,104,945.00	3,104,945.00	3,104,945.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024

#### Comments:

The value for this indicator reached its end target with the two expansions of the PNNSCH, the cartographic precision of the National Forest Protector Reserve La Lindosa – Angostura II, and the declaration of the Natural Regional Park Miraflores-Picachos. The project team continues to make progress in the declaration of the regional PA at the Bajo Guayabero Conservation District, through undertaking: (i) a spatial information analysis of the PA; (ii) a legal assessment for territorial management; (iii) the definition of conservation targets including connectivity corridors; (iv) community engagement and socialization activities, and a scientific expedition was agreed with their participation to be undertaken during the first semester of 2022. Once this declaration is completed the project will surpass its expected target.

#### Sustainable low carbon land use activities implemented

► Land area under sustainable landscape management practices (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	23,952.00	24,526.40	862,961.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024

#### Comments:

New conservation agreements incorporated 574.4 ha to existing agreements for a total of 24,526.4 ha under sustainable practices. Security conditions in the target zones hampered further progress as it impeded field work with potentially engaged families.

#### GHG emissions from avoided/reduced deforestation monitored

► GHG emission levels established annually for the Amazon Region by IDEAM (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	1.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024

#### Comments:

The IDEAM has complied with establishing emission levels annually. The official information for 2021 will be published by IDEAM at the end of the first semester. Current data for 2020 accounts for a total of 61,875,862 Tons CO<sub>2</sub>e in the Amazon Region.

### Intermediate Results Indicators by Components



Component 1 - Protected Areas Management and Financial Sustainability				
▶ Mechanism for funding of PA system in Colombia designed and operational (Colombia Heritage- HECO) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	Progress on the design of HECO include: (i) the preparation of draft operational manual's sections on the mechanism's governance structure, procurement, financial management, legal and contractual procedures; (ii) analysis of financial needs for ecological restoration, and potential funding sources (including REDD+ projects) for the Macarena-Chiribiquete corridor to underpin the implementation of HECO's conservation plan. Other closing conditions for the completion of the HECO mechanism are pending, including the implementation of all the necessary legal and financial conditions to secure the operationalization of the trust fund.			
▶ Capitalization of national funding mechanism for protected area system (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,500,000.00
Date	30-Dec-2019	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	Transferring of \$2M from the project to the Herencia Colombia transition fund will be activated once closing and disbursement conditions are met. Cofinancing resources are required for the fund and currently there has not been proof of cofinancing from other national and international sources in towards the \$4.5M target.			
Component 2 - Sustainable forest and water management and use				
▶ Area of land restored (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	1,073.70	4,025.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	During the period, 973.7 ha of new restoration areas were registered emphasizing the protection of riverbanks, hydric recharge zones and forest enrichment. Monitoring protocols applied by Sinchi Institute evidenced that 90% of visited sites have a healthy forest development. El Trueno and Remolinos plant nurseries provided materials timely and overall progress in sites is satisfactory.			
▶ Farmers reached with agricultural assets or services (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	564.00	804.00	916.00	4,034.00
Date	30-Dec-2019	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	So far 916 farmers have been benefitted with assets or services and of this total 35% are women. This is a result of the participation of 112 new beneficiaries of conservation, non deforestation and restoration agreements. Greater relative participation of men in the new conservation agreements has lowered overall women participation. Thus the project is identifying new ways to promote women involvement in these activities, including working in native plant nurseries and participating in restoration activities, developing specific technical workshops for them and engaging them as well in land zoning processes-			
☐ Farmers reached with agricultural assets or services - Female (Number, Corporate Supplement)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	229.00	328.00	328.00	1,815.00
<b>Component 3 -Governance, Policies and Incentives</b>				
▶ Number of agreements w/ sectors driving deforestation on land-use plan, strat for integrated landscape manag, policies or regulations, signed and under implementa (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12.00	12.00	13.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	Previous sectoral agreements continue to be implemented. During this period the National Road Plan for Regional Integration (PNVIR in Spanish) was applied in five municipalities prioritized in the Peace Agreement, applying sustainability guidelines. Monitoring of Guaviare's department road plan also ensured that only environmentally compliant road sections are constructed. The project contributed to the implementation of the Logistics National Plan by defining environmental criteria to avoid road infrastructure development in Areas of Special Environmental Interest and harmonize logistics development with sustainable territorial planning. Training to different national and subnational private and public institutions on sustainable infrastructure technical and legal instruments also continued with a three-module (27 hours) course lectured to 168 participants.			
▶ Number of properties at the agricultural frontier that have been subject to zoning (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	20.00	313.00	120.00
Date	30-Dec-2016	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	A total of 313 properties have been subject of zoning, with the characterization of its limits and status, thanks to the joint work developed by Sinchi. Within this set, owners of 111 properties included in the pilot developed between Sinchi and ANT have been supported in order to comply with all the requirements making them candidates to be granted land use permits/contracts in the forest reserve. The project will continue supporting these families in the process and monitoring the effective compliance of conservation agreements within the properties through the MOSCAL system.			
<b>Component 4 - Project Coordination, Management, Monitoring and Evaluation (M&amp;E)</b>				
▶ Number of direct beneficiaries disaggregated by gender (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12,593.00	13,186.00	18,116.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	A total of 13,186 people are being directly benefitted from conservation friendly livelihood activities.. Of this total, 2,944 are non-indigenous farmers with improved capacities, landscape management tools and technical advice. Also, 10,242 indigenous people have benefitted with improved capacities for participatory monitoring, sustainable management and prevention, control and vigilance activities. Out of the total number 5,581 beneficiaries are women (42,3%).			
□ Percentage of women (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	42.60	42.30	45.00



► Strengthened capabilities of environmental authorities for forest monitoring according to specific action plans (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	5.00	9.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Jun-2022
Comments:	Training and applied use of SMBYC tools activities led by IDEAM were delivered during the period. Several virtual and face to face training sessions were completed with CDS, department and local governments, army, police and Attorney General's Office personnel on early deforestation alerts, processing and use of satellite imagery.			
► Early warning system (deforestation alerts) in the Amazon region operational according to defined criteria (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	4.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	The Forest and Carbon Monitoring System continues generating and disseminating early warning deforestation reports every three months for the country and Amazon region. Report No. 27 can be accessed here: <a href="http://documentacion.ideam.gov.co/openbiblio/bvirtual/023920/BoletinAT27.pdf">http://documentacion.ideam.gov.co/openbiblio/bvirtual/023920/BoletinAT27.pdf</a> which shows that almost 40% of the national level deforestation alerts occur in the Amazon region. The fourth annual report is being designed to publish in early 2022.			
► Levels of satisfaction on the effectiveness and relevance of training and knowledge exchange events (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	85.00	80.00
Date	21-Aug-2014	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	A survey has been designed to measure satisfaction levels and applied to two pilot cases. Project staff were trained by the Bank GEMS team to use KoboToolbox as the main instrument for digital application of the survey. Full implementation is set for the first quarter of 2022. The next steps include: (i) sharing the validated survey with project partners for their feedback and approval (ii) preparing the logistics and administrative requirements for their full implementation; (iii) defining the mechanism for information sharing; and (iv) undertake further training in GEMS for results' analysis.			
► Grievances registered related to delivery of project benefits that are addressed (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	97.00	98.00	100.00
Date	30-Dec-2019	30-Jun-2021	31-Dec-2021	30-Nov-2024
Comments:	Since year 2016 a total of 98 requests have been received and solved, yet there are 2 requests that still need to be adequately documented in order to be cleared. This implies that 98% (96/98) of the grievances are classified as addressed. Project institutional partners have committed to certify the attention provided to these cases. During the current period, 12 requests were received and solved, mostly related to information queries and demand for project activities. Among these, a registered grievance of the Remolinos del Caguán community involved in conservation agreements was due to delays in their first payment of restoration incentives by a local financial agency. This agency was illiquid at the time when rural participants claimed the payments. In response, the project's staff reached the agency to solve the situation by securing a better programming of future payments.			

## Performance-Based Conditions



## Data on Financial Performance

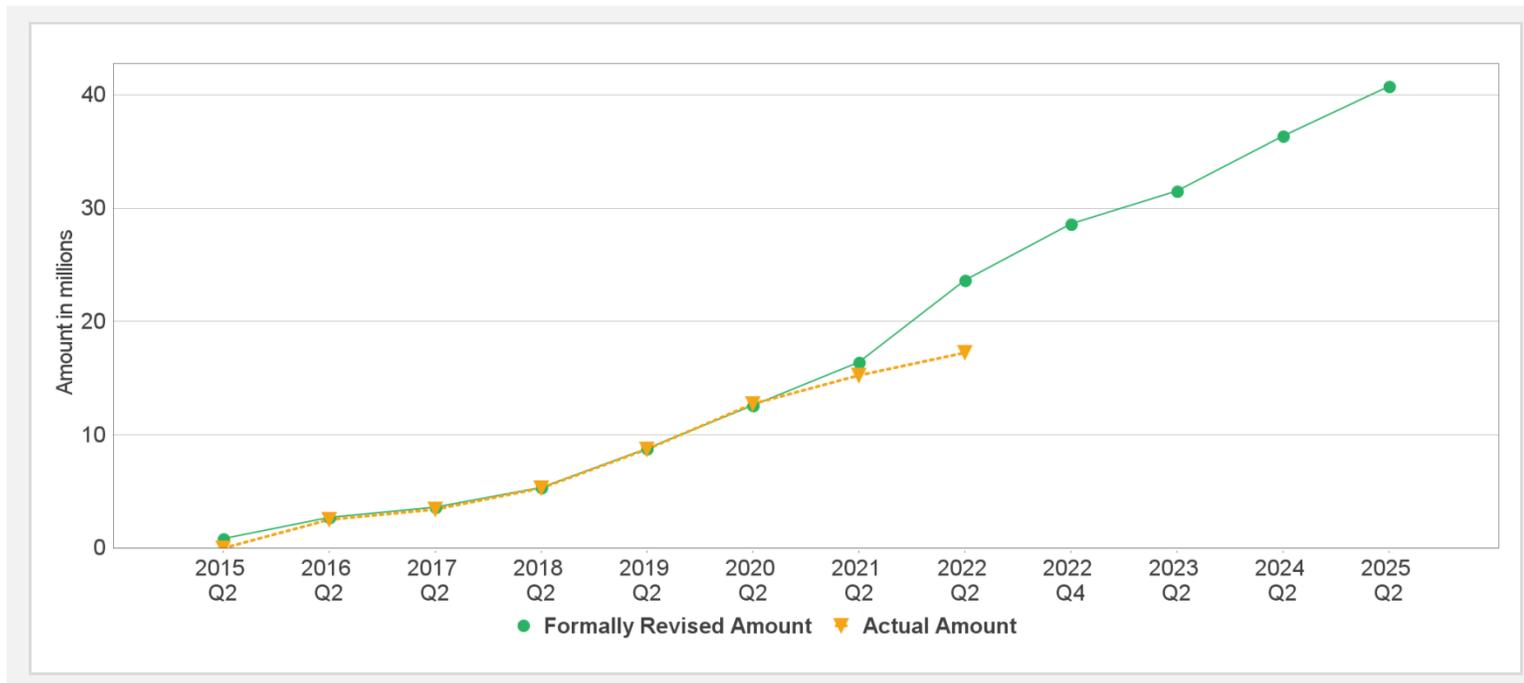
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P144271	TF-18478	Closed	USD	10.40	10.37	0.03	10.37	0.00	100%
P144271	TF-A5789	Effective	USD	12.00	12.00	0.00	7.38	4.62	61%
P144271	TF-B5182	Effective	USD	18.37	18.37	0.00	0.00	18.37	0%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P144271	TF-18478	Closed	21-Jan-2015	21-Jan-2015	02-Mar-2015	30-Jun-2019	30-Jun-2019
P144271	TF-A5789	Effective	31-Oct-2017	07-Nov-2017	07-Nov-2017	30-Jun-2022	30-Nov-2024
P144271	TF-B5182	Effective	30-Apr-2021	13-May-2021	05-Oct-2021	30-Nov-2024	30-Nov-2024

### Cumulative Disbursements





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### **Restructuring History**

There has been no restructuring to date.

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### **Related Project(s)**

P158003-Additional Financing Forest Conservation and Sustainability in the Heart of the Colombian Amazon Project ,P171227-Second Additional Financing for the Forest Conservation and Sustainability in the Heart of the Colombian Amazon Project

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