

 Early Warning System

WB-P178872

BioCarbon Emission Reductions Project Orinoquia



Quick Facts

Countries	Colombia
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	A
Voting Date	2026-09-30
Borrower	Republic of Colombia
Sectors	Agriculture and Forestry
Investment Type(s)	Loan
Investment Amount (USD)	\$ 44.00 million
Loan Amount (USD)	\$ 44.00 million
Project Cost (USD)	\$ 44.00 million



Project Description

According to the WB, the development objective is to generate payments to the Program Entity for measured, reported, and verified Emission Reductions (ERs) from reduced deforestation, forest degradation, enhancement of forest carbon stocks (REDD+), agriculture, and other land use sectors that meet the GHG accounting requirements of the BioCF ISFL in the Orinoquia region of Colombia, distribute ER payments in accordance with an agreed Benefit Sharing Plan (BSP), and evaluate and disseminate biodiversity conservation outcomes from low-emissions agriculture practices in prioritized value chains within selected Orinoquia landscapes.

Country context Colombia's economic growth and poverty reduction were hindered by the COVID-19 crisis. Despite progress in reducing extreme poverty from 17.7 percent in 2002 to 6.6 percent in 2021, the economy contracted by 7 percent in 2020. However, it rebounded with 10.7 percent growth in 2021, and unemployment returned to pre-pandemic levels of 10.7 percent in 2022. Climate change negatively affects Colombia's economy and natural resources. Ranked 91st in the Notre Dame Global Adaptation Index, the country suffered damages from heavy rains in 2010 and 2011. Temperature increases, variable precipitation patterns, and glacier melt impact agriculture and water supply, including high-value crops like coffee and cocoa. Rural households are projected to experience higher income losses than urban households due to climate change. Biodiversity loss in Colombia is driven by climate change and unsustainable land-use. Despite being the second most biodiverse country, Colombia ranks 10th in deforestation, having lost 3.2 million hectares (ha) of natural forests from 2001 to 2021. Deforestation harms species reliant on forests, and many ecosystems are in critical condition or at risk of collapse. Unsustainable land-use and climate change further threaten non-forest ecosystems, exacerbating biodiversity loss. Over 1,300 species in Colombia face extinction. Colombia has committed to addressing biodiversity loss through the Kunming-Montreal Global Biodiversity Framework. Sectoral context. To address climate change, Colombia seeks to transition to a low-emission economy supported by sustainable productive landscapes over the next eight years. Its Nationally Determined Contribution (NDC) to the United Nations Framework Convention on Climate Change (UNFCCC) targets a reduction of projected GHG emissions by 51 percent by 2030 and achieving carbon neutrality by 2050. The Agriculture, Forestry, and Other Land Use (AFOLU) sector accounts for the largest share (59.1 percent) of the country's total net GHG emissions. The mitigation potential of the AFOLU sector derives from both the reduction of GHG emissions through REDD+ and livestock good practices, as well as an enhancement of GHG removals. Deforestation and enteric fermentation from livestock represent the main categories of GHG emissions, while most (66 percent) of the GHG removals occur on forest lands, followed by crop lands, grasslands, and harvested wood products. The NDC pledges to reduce deforestation by 68.5 percent from 158,900 ha in 2019 to 50,000 ha by 2030; it also presents a US\$200M strategy to reach zero-net deforestation. Institutional context. Multiple government entities at national and regional levels promote sustainable low-emission development in Orinoquia particularly since the change of the Government of Colombia (GoC) administration in August 2022. The Ministry of Environment and Sustainable Development (MinAmbiente) and the Institute of Hydrology, Meteorology and Environmental Studies (IDEAM) are leading the environmental and climate change agendas. They collaborate with other entities such as the two regional environmental authorities in Orinoquia, Autonomous Regional Corporations CORPORAQUIA and CORMACARENA. In the agricultural sector, the Direction of Innovation, Health Protection, and Technological Development of the Ministry of Agriculture and Rural Development (MinAgricultura) works alongside the Unit for Rural Agricultural Planning (UPRA) and is broadening the collaboration to the Rural Development Agency (ADR) on extension services. Other relevant GoC entities include the National Planning Department (DNP), the National Land Agency (ANT), departmental governors, and municipalities. The Colombian Corporation of Agricultural Research (AGROSAVIA) spearheads knowledge generation and dissemination on low-emission agriculture practices. These institutions are part of the Regional Climate Change Committee for Orinoquia (NORECCO) within the National Climate Change System (SISCLIMA). NORECCO promotes and supports coordinated implementation of public policies, strategies, plans, programs, and projects. The World Bank has supported GoC's efforts to reduce greenhouse gas (GHG) emissions from the AFOLU sector since 2010, including readiness grants from the Forest Carbon Partnership Facility (FCPF) totaling US\$8.73 million to establish foundational



Investment Description

- World Bank (WB)



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ACCESS TO INFORMATION

To submit an information request for project information, you will have to create an account to access the Access to Information request form. You can learn more about this process at: <https://www.worldbank.org/en/access-to-information/request-submission>

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Bank Documents

- [Benefit Sharing Plan Colombia: BioCarbon Emission Reductions Program Orinoquia \(P178872\)](#)
- [Appraisal Environmental and Social Review Summary \(ESRS\) - Colombia: BioCarbon Emission Reductions P](#)
- [Appraisal Project Information Document \(PID\)](#)
- [Concept Environmental and Social Review Summary \(ESRS\) - Colombia: BioCarbon Emissions Reduction Pro](#)
- [Concept Project Information Document \(PID\) - Colombia: BioCarbon Emissions Reduction Program Orinoqu](#)
- [Environmental and Social Commitment Plan \(ESCP\) - Colombia: BioCarbon Emission Reductions Program Or](#)
- [Environmental and Social Commitment Plan \(ESCP\) - Colombia: BioCarbon Emission Reductions Program Or](#)
- [Environmental and Social Commitment Plan \(ESCP\) - Colombia: BioCarbon Emission Reductions Program Or](#)
- [Environmental and Social Management Framework \(ESMF\) Colombia: BioCarbon Emission Reductions Program](#)
- [Official Documents- Disbursement and Financial Information Letter for Grant Agreement for PMI Grant](#)
- [Official Documents- Grant Agreement for PMI Grant TF0C3527-CO.pdf](#)
- [Stakeholder Engagement Plan \(SEP\) - Colombia: BioCarbon Emission Reductions Program Orinoquia - P178](#)
- [Stakeholder Engagement Plan \(SEP\) - Colombia: BioCarbon Emission Reductions Program Orinoquia - P178](#)
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