

 Early Warning System

GCF-SAP061

Mitigation and adaptation to climate change under agroforestry systems in cocoa production in the Amazon and Atlantic Forest biomes



Quick Facts

Countries	Brazil
Financial Institutions	Green Climate Fund (GCF)
Status	Approved
Bank Risk Rating	C
Voting Date	2025-10-30
Borrower	Government of Brazil
Sectors	Climate and Environment
Investment Type(s)	Grant
Investment Amount (USD)	\$ 23.10 million
Grant Amount (USD)	\$ 23.10 million
Project Cost (USD)	\$ 31.00 million



Project Description

According to the GCF, Man-made activity, particularly land use change due to the conversion of rainforest to agriculture, is a key driver of emissions in Brazil. According to the Greenhouse Gases Emissions Estimation System (SEEG), in 2023, Brazil recorded 2,295.6 MtCO₂eq gross emissions, with the states of Pará and Bahia ranking high in gross CO₂eq emissions due to land use change.

Cocoa is a climate-sensitive crop grown by smallholder farmers who are highly vulnerable to the adverse impacts of climate change. Rising temperatures, erratic rainfall, prolonged droughts, and increased incidence of pests and diseases reduce cocoa yields and threaten cocoa farmers' livelihoods. Climate projections for Bahia and Pará indicate rapidly rising temperatures and decreasing precipitation, drastically reducing cocoa productivity and threatening the sustainability of the supply chain and local economies.

This project aims to reverse the trend of deforestation and greenhouse gas emissions by agriculture and reduce the climate vulnerability of ecosystems in cocoa farming communities by recovering deforested areas in priority municipalities in Pará and Bahia. It will promote agroforestry systems integrating cocoa with shade trees and native species, offering a nature-based solution to build resilience and contribute to climate mitigation. Restoring 12,500 hectares of degraded land will begin by supplying cocoa-AFS kits to 2,500 smallholder farmers.

Supporting farmers in accessing public and private finance will contribute to scaling up project results in the future, and improved acknowledgement management and monitoring instruments will aid in establishing a specialised cocoa-focused extension network to broadcast sustainable practices across the value chain. The project's focus on the Amazon biome supports a keystone for the planet's biodiversity and climate. It emphasises gender equity and fair labour, particularly in the capacity building of women and youth.



Investment Description

- Green Climate Fund (GCF)



Contact Information

ACCESS TO INFORMATION

Requests for project information may be submitted using the IDP Request for Information by email to: disclosure@gcfund.org.

You can also submit an information request using this online form: <https://www.greenclimate.fund/about/disclosure/form>.

Additionally, if information requested is denied, an appeal can be filed to the Information Appeals Panel: iap@gcfund.org. You can learn more about the Information Appeals Panel at: <https://www.greenclimate.fund/about/disclosure/appeals>.

ACCOUNTABILITY MECHANISM OF GREEN CLIMATE FUND

The Independent Redress Mechanism (IRM) addresses complaints by people who believe they are negatively affected or may be affected by projects or programmes funded by the Green Climate Fund (GCF). The complainant can raise issues related to any of GCF's policies and procedures, including those relating to social and environmental issues, indigenous peoples, gender, and information disclosure, among others. If you submit a complaint to the IRM, it may seek to address the issues raised by facilitating [problem solving or conducting a compliance process](#). You can learn more about the Independent Redress Mechanism and how to file a complaint at <https://irm.greenclimate.fund/>.

You can access a video about the IRM (English) at: <https://youtu.be/1LanbriVhfs>.

A brochure about the IRM can be accessed in English, French, Spanish, Portuguese, Arabic, Mandarin, Mongolian, Vietnamese, Russian, Ukrainian, Korean, German, and Kiswahili at: <https://irm.greenclimate.fund/>.