



Sustainability action · Project Forest and Land use

Panama Canal Sustainable Forest, Panama

This Panama Canal authority project focuses on promoting forest restoration, forest and biodiversity conservation, and alternative livelihood through reforestation, as well as silvo-pastoral and agro-forestry systems. Mixed forests and agro-forestry for sustainable climate protection in Panama.

Project

Former pastureland is restored through reforestation, agroforestry and silvo-pastoral activities, preserving the water and soil resources of the Panama Canal Watershed.

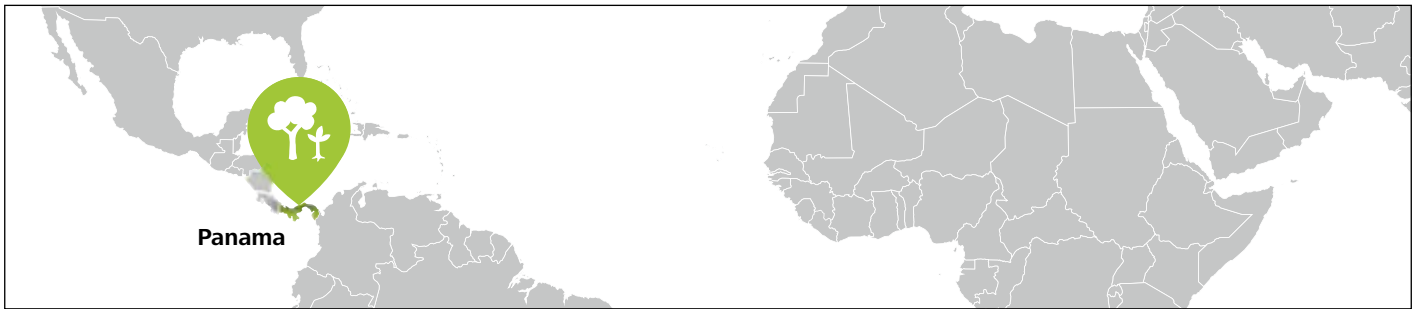
In addition to major climate change mitigation effects the

project reflects the nexus between world trade and a functioning environment. The sustainable management of the Panama Canal Watershed protects the main hydrographic basins and their key role for water supply.

Targeting further environmental and social benefits the project increases local biodiversity and due to active participation of local communities supports small subsistence farmers by providing sustainable means of production.

The project estimates these project activities will lead to a removal of 204,902 tCO₂e emissions over the course of the 25 year project life time.

Checklist	Additionality and permanence	3 rd party verified	Transparency	Social and environmental benefits	Marketing material
Project 301 742	To the rules of The Gold Standard and FSC®	By the Rainforest Alliance	Provided by Markit Environmental Registry	As documented in our database	High resolution pictures available



Location

The project is located in the Panamá province, directly within the Canal Zone. The Panama Canal crosses the country, from the Port of Balboa to the Port of Colón. With its contribution to carbon capture and sustainable development, the project is an integral element of The Green Route, the Panama Canal Authority's environmental management framework.

Project achievements

Socio-economic impact

- Local communities are involved in the planning and implementation of the project.
- Strengthening and active participation of local organizations.
- The commercialization of certified tropical timber, carbon credits, cacao and seed materials create sustainable sources of income for the local population.
- So far, the reforestation-project has created 150 jobs in Panama.
- The second phase project will provide many more jobs and more educational benefits through forest restoration and fire protection activities.
- Regional development is further promoted by support for local schools and initiatives.

Environmental impact

- Soil and water resources protection through establishment and increase of vegetation cover in degraded areas.
- Increase of wildlife protection areas and biodiversity conservation by creating habitats for flora and fauna.
- Establishment of ecotourism activities to support further development of biodiversity.
- Establishment of a nursery establishment and seedling production to planting and maintaining the seedlings.
- Sustainable production of agro-forestry products, silvo-pastoral and agroforestry projects improving crop productivity.
- Supporting the project will also allow the project proponents to begin the development of a second phase project to restore tropical forest habitats in the area devastated by fire and insect outbreaks.

