

## Conservation & reforestation of degraded areas in Barbosa

The project contributes to the **conservation of biodiversity and water resources of the Aburrá Valley, Colombia**, through the reforestation of native and non-native tree species in the municipality of Barbosa, Antioquia.

The project focuses on the **reforestation of 82.65 hectares degraded** by livestock, with the following species: *Pinus oocarpa*, *Guadua angustifolia*, *Eucalyptus grandis* and *Pinus maximinoi*.

The project conserves the remaining natural vegetation by establishing 37 species under the natural assisted regeneration process. **Watersheds are protected in order to maintain the constant water supply.**

As a result, a **decrease in greenhouse gases emissions** is achieved due to greater CO<sub>2</sub> absorption derived from biomass conservation. This mitigation reaches **1,415 tCO<sub>2</sub>e per annum.**



### Basic data

Country 

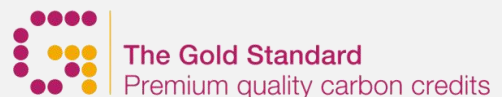
Location Antioquia, Colombia

Project type Sustainable forest management

Annual volume 1,415 CER per year

Project status Credits registered and issued

### Verification standard





## Impacts

### Environmental

- **Soil erosion is reduced.**
- **Protect soil use**
- **The remaining natural vegetation is conserved** by establishing 37 species under the natural assisted regeneration process.
- The **quality of water has been improved** and the nearby micro-watershed has been conserved.
- **Restoration of the local ecological balance.**
- **Biodiversity conservation**, the most vulnerable species living in the project area.
- **Reducing deforestation** due to sustainable forest management.

### Social

- **Creation of stable and well-remunerated employment for local communities.**
- **Improves the living conditions of the local communities** by guaranteeing the supply of freshwater to people living in the village of El Hatillo and surrounding communities.
- **Farmers can profit from better soil quality**

