



BARBOSA REFORESTATION COLOMBIA

**Avoiding deforestation and protecting
ecosystems in rural Colombia**



This 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 Context

The rural area of Barbosa in Colombia is defined by agriculture. Unfortunately, this means that many hectares of native forest have been cleared or overgrazed for farming. This not only affects the biodiversity of the area, but also affects soil quality and causes erosion.

The Project

This forestry project focuses on the reforestation of 97.40 hectares, degraded by livestock, with the objective of improving the harmony between natural and introduced species and obtaining economic and ecological benefits from them. Some 37 different species were identified within the natural areas presented inside the project area, and thus the connectivity among these remaining ecosystems and forest remnants are preserved. The project also includes the improvement and protection of watersheds in order to maintain the constant provision of water for use by the surrounding communities.

The Benefits

Reforestation activities, such as establishment, fertilization and thinning have created jobs for local communities. The quality of water resources used by surrounding villages has been improved and the nearby micro-watershed has been conserved. At the same time, farmers can profit from better soil quality and reduced soil erosion.

The project generates employment (both temporary and permanent) through reforestation programs and nurseries.



Gold Standard



Water quality

improved by conserving the nearby watershed



1,415
tCO₂e

reduced annually through forest carbon sequestration



284
hectares

of forest conservation, improving biodiversity habitat



97.4
hectares

of forest restored, regenerating previously degraded habitats

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: Conservation and reforestation of degraded areas in Barbosa, Colombia

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