

NATURAMAZONAS



CONSERVACIÓN
INTERNACIONAL
Colombia

The Andean-Amazonian Piedmont is one of the regions containing the highest biodiversity in Colombia; it comprises a set of strategic ecosystems product of its complex orography, that contribute to provide a series of ecosystem services, amongst them water production, key for sustaining the unmatched natural heritage it houses and a growing human population. Nevertheless, is also one of the most threatened regions by historical processes of inadequate use of renewable and non-renewable resources, which have generated environmental liabilities derived from extractive industries, and an irrational exploitation culture evident for being one of the regions in Colombia with the highest rates of deforestation.

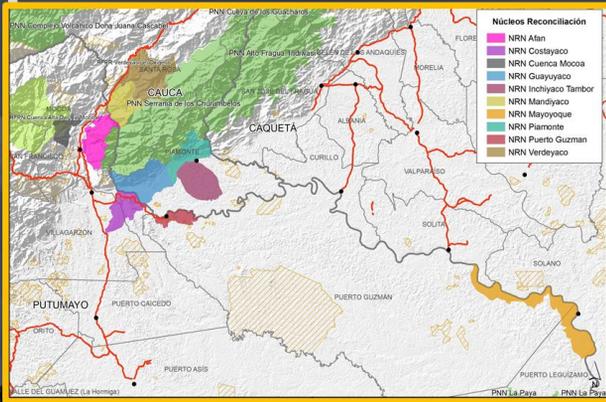
In this complex scenario NATURAMAZONAS alliance was created to contribute to achieve the goal of reducing deforestation in Colombian Amazonia and increase the prosperity and wellbeing of communities inhabiting strategic regions. Through actions articulated with institutions, environmental authorities, local communities and other actors, NATURAMAZONAS will promote the creation of an environmental management scenario, in which knowledge generation, sustainable production, and the development of socioeconomic instruments will positively influence on the human wellbeing and the conservation of ecosystem services and biodiversity (Fig 1).

NATURAMAZONAS will be implemented in "The Nuclei of Reconciliation with Nature (NRN)", which are geographical spaces comprising a mosaic of natural and intervened forests, with minimal government presence, that are integrated with other types of land tenure. The goal is to consolidate them as sustainable landscapes, involving well-organized land-owning communities and/or landowners, in order to create and strengthen the governance of ecologically strategic areas, to maintain and promote their integrity, and at the same time provide tangible benefits to the organized communities that protect or manage the areas.

NATURAMAZONAS will provided a package of benefits to 500 families that will be actively committed and participating in restoration and other activities; those benefits will include ecoefficient stoves, contributing to a more sustainable and efficient energy use, plus sustainable food production projects and productive chains, strengthening communities' food sovereignty and their livelihoods. Such benefits will be formalized through the establishment of agreements with each family, that will be periodically monitored during their implementation. Naturamazonas is intended to be built as a concept of environmental and social sustainability, able to be replicated in other regions and agglutinate investments from specific international cooperation sources and partnerships.



Nuclei of Reconciliation with Nature - NRN



Amazonian piedmont

- Afán NRN
- Costayaco NRN
- Upper basin of the Moccoa River NRN
- Mayoque NRN
- Puerto Guzmán NRN
- Guayuyaco NRN
- Piamonte NRN
- Mandiyaco NRN
- Verdeyaco NRN
- Inchiyaco Tambor NRN

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GIS tools, a Digital Elevation Model of 30 m of spatial resolution and cartography at 1: 100,000 scale that includes layers of drainage, roads, vegetation cover, national and regional protected areas, municipalities and departments, among others, were used to delimit the project areas.

This information was analyzed and complemented with observations and field work in the region, which resulted in the definition of ten (10) polygons called Nuclei of Reconciliation with Nature (NRN).

Based on these selected areas we also carried out an analysis to estimate the potential carbon stocks in the NRN 8,739,921 Tons of C can potentially be maintained in the standing forest biomass and 574,326 Tons of C in Non Forest biomass in the 105,000 ha made up by the 10 NRN defined by the Naturamazonas Program.

NATURAMAZONAS PROJECTS STRUCTURE



Naturamazonas aims to generate changes of attitude on how communities relate with nature, through their empowerment and strengthening of their governance capacities, in order to achieve environmental and social sustainability. Accordingly, the program have been designed upon four main interrelated components: knowledge generation, sustainable production, socioeconomical issues and interinstitutional coordination. Each of these components with specific initiatives to be implemented: *Support environmental management, Conservation scenarios, Environmental participatory monitoring, Guardians of the botanical knowledge, Forest territory, Harvest of sovereignty y Forest services, Productive chains.*

3 new legal instruments promoted and adopted by environmental authorities to consolidate NRNs

10 Nuclei of Reconciliation with Nature – NRN delimited

2444 biological botanical samples collected - 2017

47 people trained on meliponiculture techniques

16 Formal Alliances

7 Alliances in development

62 women trained in plant assembly

500 Ergonatura model of eco-efficient stoves built, which will benefit 500 families in the NRN.

IMPACTS

