

Disturbance factors



Hunting



Selective logging

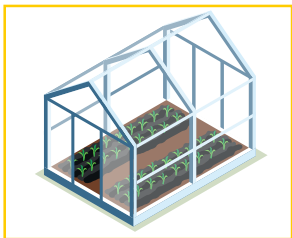


Livestock



Fires

Sustainable production projects



Nursery for the propagation of seedlings including their commercialization (ICA Registry)

Complementarity

At the local level, it is evident that it is in accordance with the Land Use Planning Scheme (EOT) of the municipality of Nilo, Cundinamarca. The BH is located in the protective forest zone of the San Bartolo district.

- Planning and Management Plan for the Hydrographic Basin of the Sumapaz River (POMCA) - Agreement 001 of June 8, 2016.
- Regional Environmental Management Plan (PGAR) 2012-2023 of the Regional Autonomous Corporation of Cundinamarca.

Strategies and actions

Two management strategies are defined: preservation and restoration, with 73.93 hectares earmarked for preservation and 41.20 hectares for restoration. The following actions are proposed:

- Constant vigilance by forest rangers.
- Monitoring of fauna and flora species.
- Installation of adequate fences without affecting the forested areas.
- Development of awareness and environmental education campaigns.
- Strengthening of nursery facilities.
- Procurement of native species and their planting and enrichment.

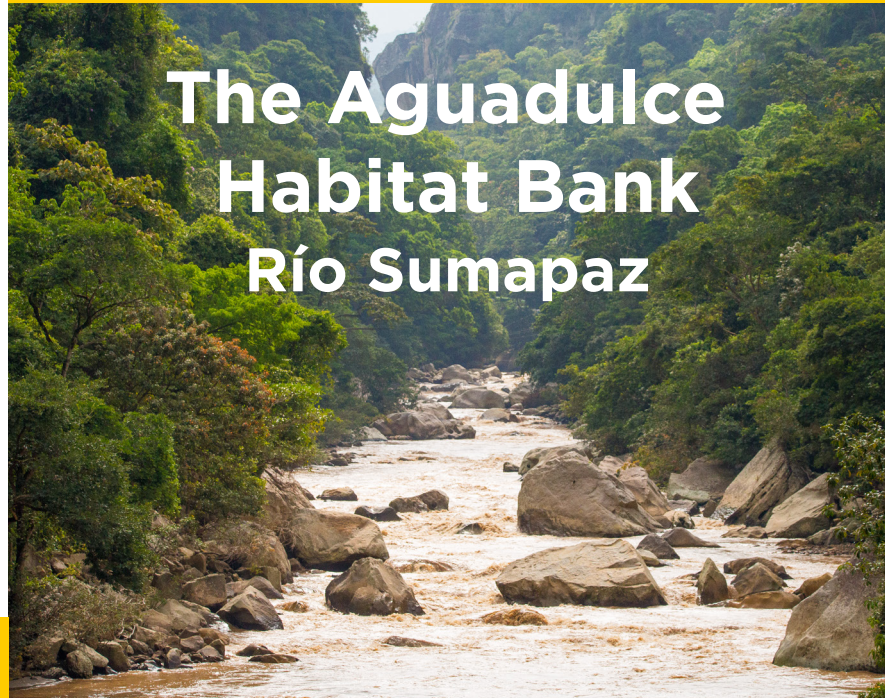
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# The Aguadulce Habitat Bank Río Sumapaz



¿What is a Habitat Bank?

Habitat Banks are a mechanism that allows adding compensation and investment requirements from various impact generators, as well as contributing from the voluntary market, to the establishment of environmental conservation areas with greater coverage and impact.

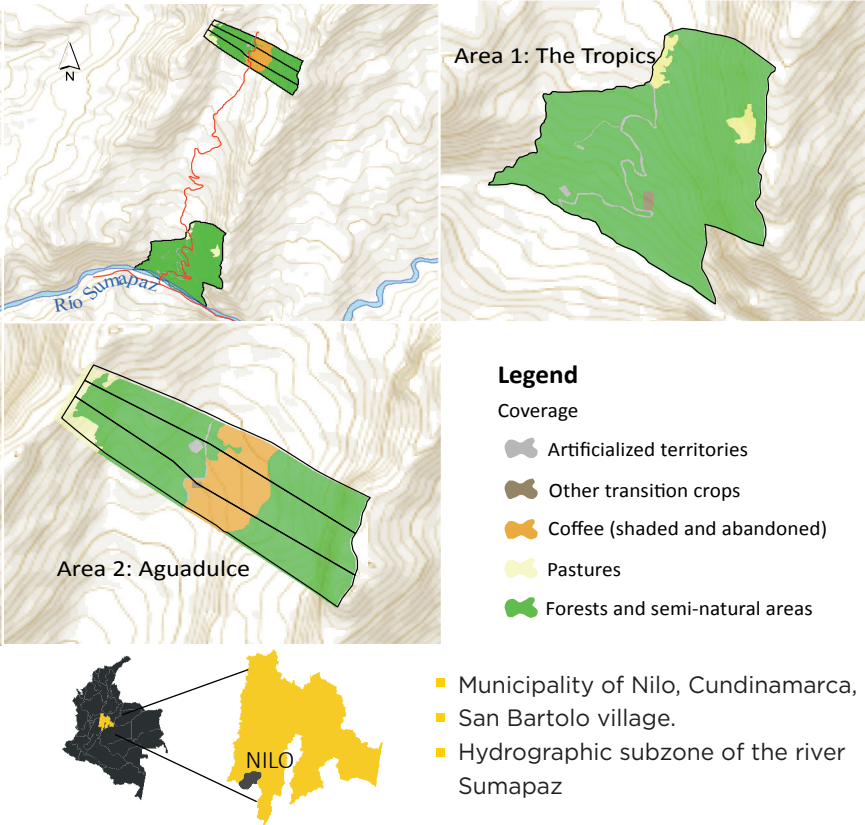
They are regulated and defined by Resolution 1051 of 2017 of the Ministry of Environment and Sustainable Development (MADS). The linking of the areas is done through a process of technical, legal and financial analysis, in which strategies for the preservation and restoration of ecosystems are implemented.

Habitat Banks operate under a mechanism of payment for environmental results, i.e. payment is only made when milestones related to biodiversity gains are met.





## Location



## History

The Habitat Bank consists of two areas called El Trópico and Aguadulce, which in the past were agricultural farms where relicts of this activity are still evident. Currently, the area is in the process of being registered as a Civil Society Natural Reserve with Resnatur and is registered as a Habitat Bank. The tropical dry forest (bs-T) is considered one of the most threatened ecosystems in the neotropics and, particularly in Colombia, this highly threatened ecosystem has been reduced to 8% of its original extension due to agricultural, livestock, mining, urban and tourism activities. Historically it has been modified for agriculture and cattle ranching; fragments of forest remain in intermediate successional stages that are currently undergoing ecological restoration processes.

## Ecosystem:

The BH is divided into two zones with different ecosystems: El Trópico, where there is Tropical Dry Forest, and Aguadulce, where there is Premontane Rainforest. The vegetation is diverse due to the transition between these two ecosystems.

## Water Resources:

Water Resources The BH preserves the basins of the La Honda and San José streams, tributaries of the Sumapaz River, ensuring the supply of water, regulating flows and reducing risks of natural disasters.

## Snail

*Anacardium excelsum*



Its rapid growth and resilience make it ideal for restoring degraded areas and recovering damaged ecosystems.

## Naked Indian

*Bursera simaruba*



Xerophyte plant, that is, it is adapted to survive in dry environments. Good for reforestation, it can grow almost anywhere.

## Jaguarundi

*Herpailurus yagouaroundi*



It is a rarely sighted feline. Its coloration varies, with dark fur being more common in forests and reddish in open ecosystems.

## Deer

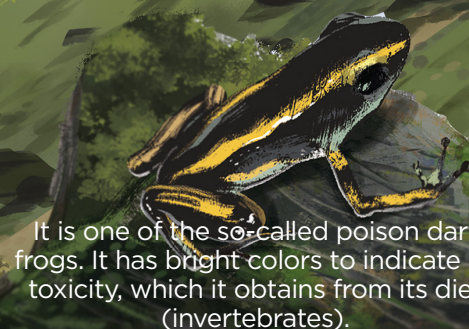
*Mazama sp.)*



Males have short, unbranched antlers. Their coloration varies depending on the species from light gray to brownish red.

## Magdalena Venetian Dart Frog

*Dendrobates truncatus*



It is one of the so-called poison dart frogs. It has bright colors to indicate its toxicity, which it obtains from its diet (invertebrates).