



EIGHTFOLD COLOMBIA

PROJECTS



EIGHTFOLD
C O L O M B I A

Eightfold Colombia Model

What is Eightfold Colombia?

Eightfold is a new Plant-Based Organic High-tech Medicine Colombian Company, based in share value and sustainable business, focused on satisfying the needs of its stakeholders, through the promotion of the well-being of the human communities and the implementation of an strategy that allows the development of future generations.

In Colombia, Eightfold is established as a business model that develops high value organic products, such as super foods, super cosmetics, super medicines and super fibers, through pharmaceutical marketing directly to the world through our platform, with the purpose of generating wealth through sustainable and conservation processes that make the Eightfold Colombia a viable model.

By 2022, Eightfold Colombia will be expanding this model to the world, differentiating its products by its attributes of high quality and organic guarantees, with the main objective of generating wealth through sustainable processes that make the Eightfold Colombia model viable.



EIGHTFOLD COLOMBIA'S BET

- Territorial Sustainable Development
- Illicit Crops Substitution Alternative
- Shares Value with campesinos and indigenous communities
- Economic alternatives for local communities to prevent environmental degradation
- 100% Organic production
- Biggest private conservation processes in Colombia

Eightfold Colombia Conceptual Site Plan

Eightfold Colombia Goals

Biodiversity Bank
Strategy of Private Conservation for the protection of the local fauna and flora

Organic Medicine and Agroforestry Complex
Development of local alliances of shared value by the Campesino and Indigenous Program

Eightfold
Community

Biodiversity Bank
Conservation Objective:

Jaguar
(*Panthera onca*)

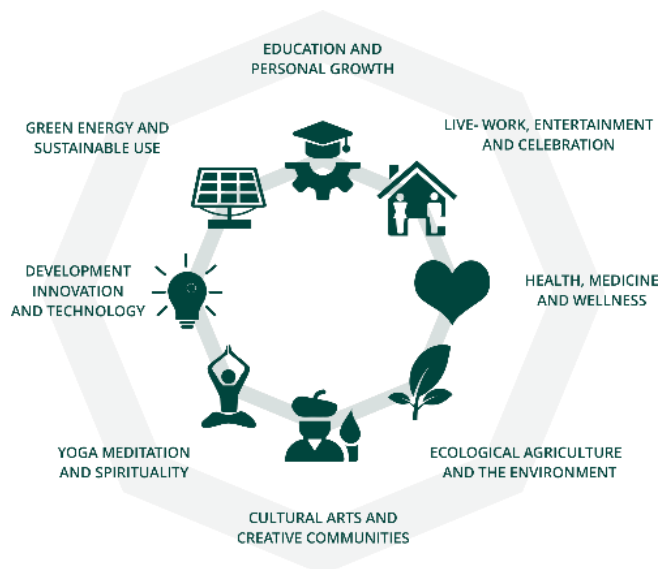
Medicine and Agroforestry
Complex:

**Shared Value
Campesino and
Indigenous Program**

Eightfold Community:

**Territorial
Sustainable
Development**

9 Eightfold Colombia Projects



Eightfold Community

A sustainable community,
with local development
initiatives according to the
eight pillars that
characterize an Eightfold
Community

Eightfold Colombia Model

Biodiversity Bank

The **Biodiversity Bank** is a private conservation model, that aims for the conservation of the local ecosystems, the restoration and protection of local representative flora and fauna of each Colombian region, through the engagement with the local communities. With Natural National Parks of Colombia, a declaration of these areas as **Natural Reserves of Civil Society** will be accomplished, to comply in perpetuity with a conservation model.

Strengthening of ecosystem services through environmental economic instruments will be implemented to restore and protect the ecosystems. For that a **Biodiversity Research Center** will be built for the development of investigations within the Banks in a proposed alliance with Instituto Alexander von Humboldt and Colombian Universities in order to know their biodiversity, species and genetics, looking for new knowledge for humanity.

Organic Medicine and Agroindustry Complexes

High-Tech Organic Medicine and Agroindustry Complexes will be built in-site in the areas of interest of Eightfold Projects to produce, transform and market to the world the best quality organic plant-based medicine and super-foods, super-cosmetics and super-fibers.

This Complexes will include **Seed and Transformation Research Centers** in alliance with national and international universities and research centers.

The plants that will be sow, will transform organic raw high-quality materials and components into **super-medicines, super-fibers, super-cosmetics and super-foods**, gradually linking the new species and genetics that are going to be found in the **Biodiversity Banks**.

Eightfold Community

The **Eightfold Community** will be developed in compliance with the 8 pillars of Eightfold standard, in order to generate a harmonious development among the local inhabitants of the areas of interest of Eightfold in Colombia, taking in account *campesino*, indigenous and Afro-Colombian communities and local ecosystems.

Within the Eightfold Communities, a **Campesino Program** will be developed, which will generate local agreements of shared value with local communities and ethnic communities, in order to make them participate in the production of organic agricultural feedstock for the **Organic Medicine and Agroindustry Complexes** of Eightfold.

Biodiversity Bank



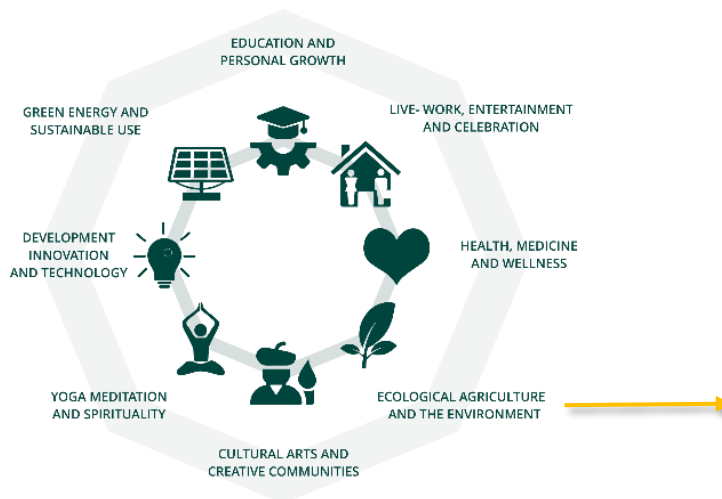
Medicine Complex



Organic Agroindustry Complex



Eightfold Community



Organic Agricultural Feedstock

Campeño Program

Eightfold Colombia Framework

Campesino Program

This program seeks the inclusion of the peasant community in the Eightfold Colombia projects, through the generation of **sustainable businesses and new development opportunities**. To accomplish this goal, **Participatory Guarantee System PGS** will be adopted with local communities to strengthen the **Health, Ecology, Fairness and Care** of our Eightfold Communities.

Additionally, it seeks to strengthen the **local culture** and tradition in each of the areas of influence, as well as the protection of **cultural heritage and sites of historical importance** through environmental educational models.

The Eight Pillars

A strategy has been designed to integrate **eight practices that seek to strengthen local communities** and adopt new sustainable and self-sufficient habits that generate the revitalization of **solidarity schemes in the community** (the liberation of *samsara*). To that end, The Eight Pillars seeks to **promote sustainable consumption** and the construction of a new culture towards the positioning of **Colombia as a sustainable country**. They are composed as following:

Education and Personal Growth	Certifiable education schemes focused on strengthening skills and labor competencies
Live-work, entertainment and celebration	Spaces that allows the development of creativity and competitiveness
Health, medicine and wellness:	Sustainable consumption habits, sports practice, balanced nutrition habits, and preventive practices
Ecological Agriculture and the Environment:	Products and services framed as sustainable Agroecosystems based in the Green Business Plan of Colombia
Cultural arts and creative communities	Generate creative businesses based in the Orange Economy, fostering technology and innovation
Yoga, meditation and spirituality	Cultivate harmony and happiness
Development Innovation and Technology	Applied research to contribute in the growth of the local and regional economy through innovation
Green Energy and Sustainable Use	Promotion of local and regional sustainable development

3D Agroforestry

Eightfold 3D Agroforestry is a sustainable land use system that integrates trees and shrubs into crops to **create environmental, economic, and social benefits**.

This system distinguishes from the others (monoculture), only through its potential to sequester higher amounts of carbon. According to Kyoto protocol, agroforestry is recognized as an afforestation activity that, in addition to sequestering carbon, protect biodiversity, conserve cropland, works as a windbreak, and provides services to human and livestock, pollen for honey bees, wood for fuel, and timber for shelters construction.

The Eightfold 3D Agroforestry is an arrangement where different types of crops will be supported by themselves in a vertical way, taking advantage of space, and acting as live barriers. It will be developed with local communities, generating direct employment in the areas where Eightfold Colombia Projects are implemented.

Eightfold Colombia Program



The Jaguar as an umbrella specie in the regulation of the ecosystem, will be the main Eightfold's objective of conservation looking for the ecosystem balance



Jaguar's Corridor

Promoting the balance of the strategic ecosystems on which the jaguar survival depends. In this way, all the Eightfold Colombia projects will connect as a big biological corridor.

- Export of high-quality products
- Ecosystem services
- Carbon absorption
- Ancestral Knowledge
- Specialized professionals
- New applied technologies
- **Orange Economy** and **Green Business** entrepreneurs
- New **high-quality organic medicine** for the World
- New **banking model based in conservation** for the World

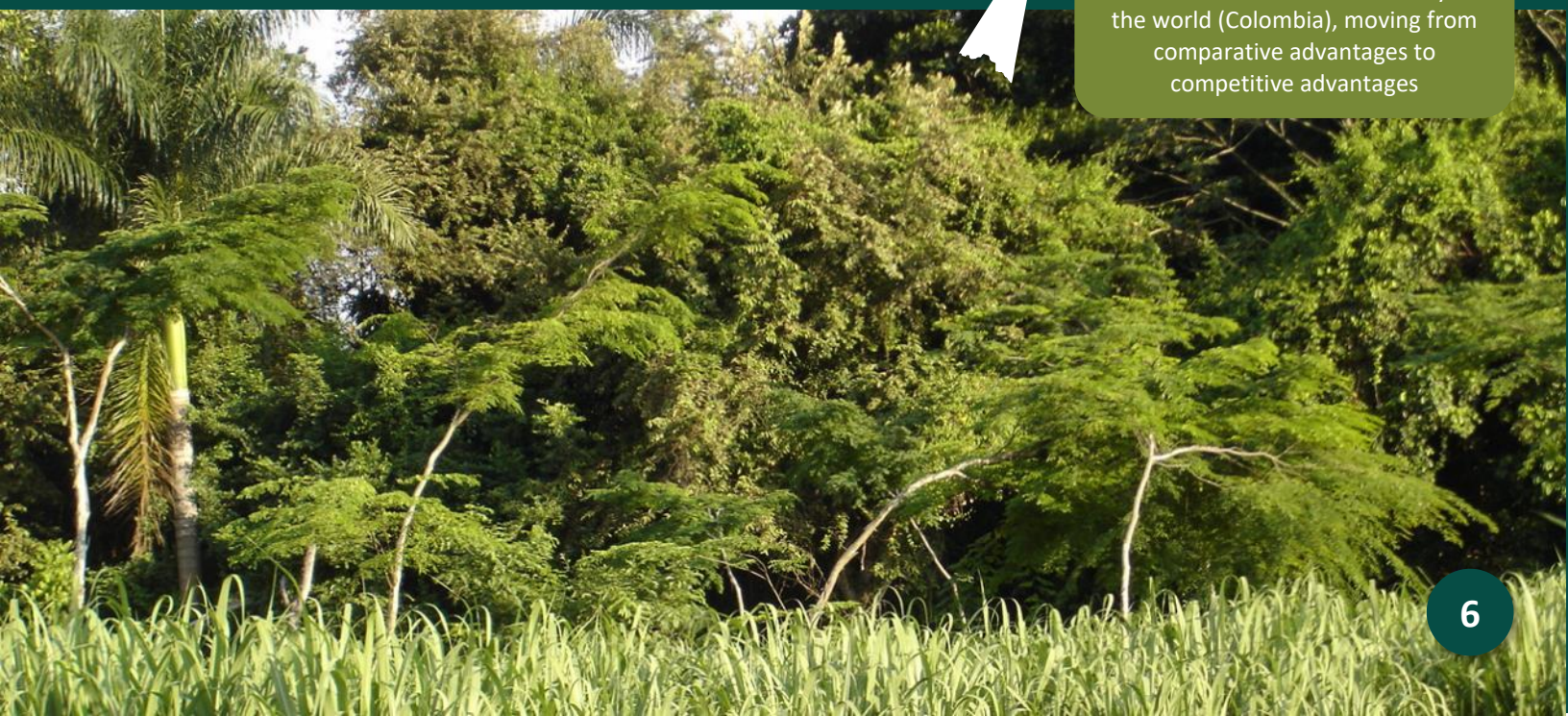


Sustainable development of the territories through a strict **conservation model, shared value and local opportunities**

- High-level scientists from the world
- Top world class technology developments
- Best Research Facilities
- Connectivity to the World
- Telemedicine for remote regions
- Sustainable investments for the leverage of the Eightfold Colombia operation



New development model for the second most biodiverse country in the world (Colombia), moving from comparative advantages to competitive advantages



Eightfold Colombia's Projects

Río Bitá Project

Río Bitá Project (La Primavera, Vichada) will develop High-Tech Agroindustry Complex, providing local opportunities by its Campesino Program and protecting the local biodiversity through its Biodiversity Bank that is protected as a **RAMSAR**.



Sipí Project

Sipí Project (Sipí, Chocó) will be the first Biodiversity Bank of the Chocó Biographic Basin, **the most biodiversity area of the world**, that will be focused in conservation, research and development of local ethnic communities.



Tuparro Project

Tuparro Project (Puerto Carreño, Vichada) will generate a local Campesino Program with a High-Tech Agroindustry Complex, that will have a Biodiversity Bank as a **buffer zone of the Tuparro's National Park**.



Primavera Project

Primavera Project (La Primavera, Vichada) will be an Organic Medicine and Agroindustry Complexes, with a huge Campesino Program, proposing the transformation of **Primavera urban area as a hole Eightfold Community**.



Mapiripan Project

Mapiripan Project (Mapiripan, Meta) is **Illegal Crops Substitution Program** and deforestation strategy, giving opportunities to local communities, conserving the biodiversity and working with indigenous communities (eg. Nukak Maku)



Buhe Thesi Project

Buhe Thesi Project (Villagarzón, Putumayo) is an innovative strategy based in the Campesino Programs to build an innovative Eightfold Community, as an **Illegal Crops Substitution Program**, that will protect the **ancestral knowledge of the area**.



Chiribiquete Project

Chiribiquete Project (San Jose de Guaviare, Guaviare) will build and Eightfold Community that will engage sustainable development and alternatives for the **protection of the Serrania de la Lindosa and its ancestral pictograms**.



Vaupes Project

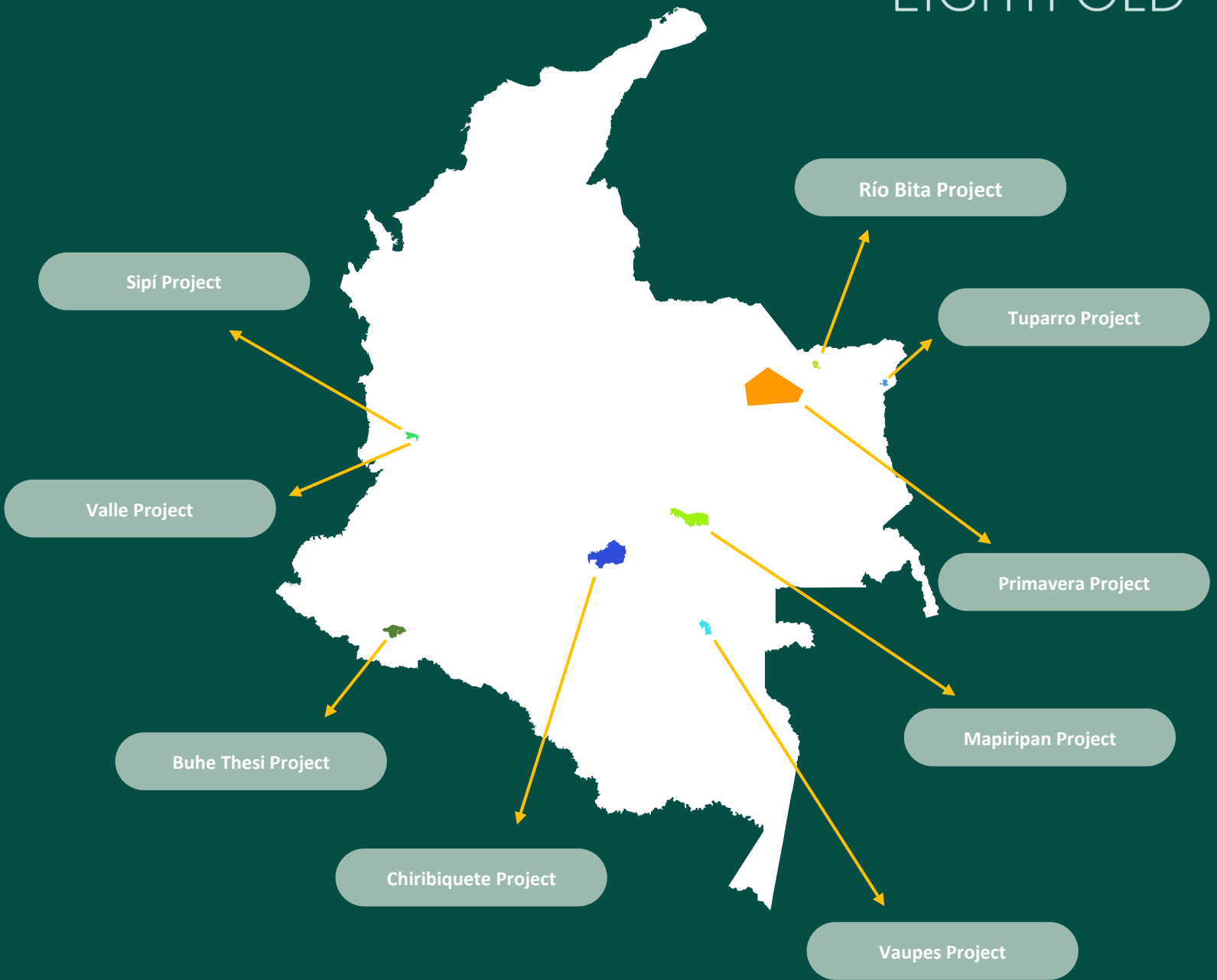
Vaupes Project (Caruru, Vaupes) is an initiative with local indigenous communities to build a **Biodiversity Bank and a traditional medicine hospital**, bringing sustainable development to this communities.



Valle Project

Valle Project (Bolívar, Valle) will be an **Illegal Substation Program model**, that will give local opportunities through its Campesino Program, making a model that could be multiplied in Colombia.





Wealth, Wellness
and Well-being for
the Colombian
Communities

Eightfold Colombia

Rio Bita Project

Area Description

Located in the middle basin of the **Bitá River (La Primavera, Vichada)**. There are currently two routes of land accessibility from Puerto Carreño (295 km) and Villavicencio (600 km); a river accessibility route on the Meta river located in the lagoon of La Primavera; and a main airport located in the urban area of Puerto Carreño. The polygon of the project has **16.968 ha**.

Altitude: 117 m

Temperature: 27 - 30°C.

Precipitation: 2200 mm per year

Ecosystems: gallery forests, morichales, savannahs and dissected altillanura

Flora: Congrio, moriche, saladillo, asaí and aceite

Fauna: Jaguar, Lowland Tapir, Toninas

Organic Medicine and Agroindustry Complex

The **Organic Medicine and Agroindustry Complex** will develop a precision farming crop, that will grow **7.319 Has of organic raw materials** and **1.000 Ha of 3D Agroforestry**.

Feedstock for the development of ecological products

- Organic soil and inputs development
- Seed production
- Organic Medicine and Agroindustry production.
- 3D Agriculture: agroecological buffer zone to produce high value organic products for super-foods and super-medicine.

Development of Ecological Products

- Agroecological Interest Zone
- High Tech Research Labs
- Transformation facilities of high quality organic products:
 - **Super-foods**
 - **Super-medicine**
 - **Super-fibers**
 - **Super-cosmetics**

Biodiversity Bank

Eightfold will develop a **Natural Reserve of Civil Society** that is overlapped with the Río Bitá RAMSAR in **8.512 ha**, to protect the local ecosystems and implement restauration and protection of representative local fauna and flora of Vichada. This is one of the largest RAMSAR sites in the world, which has unique characteristics of the Orinoquia region, as migratory, endemic and endangered species. This Biodiversity Bank will include:

Biodiversity Research Center

Eightfold Ranger Program

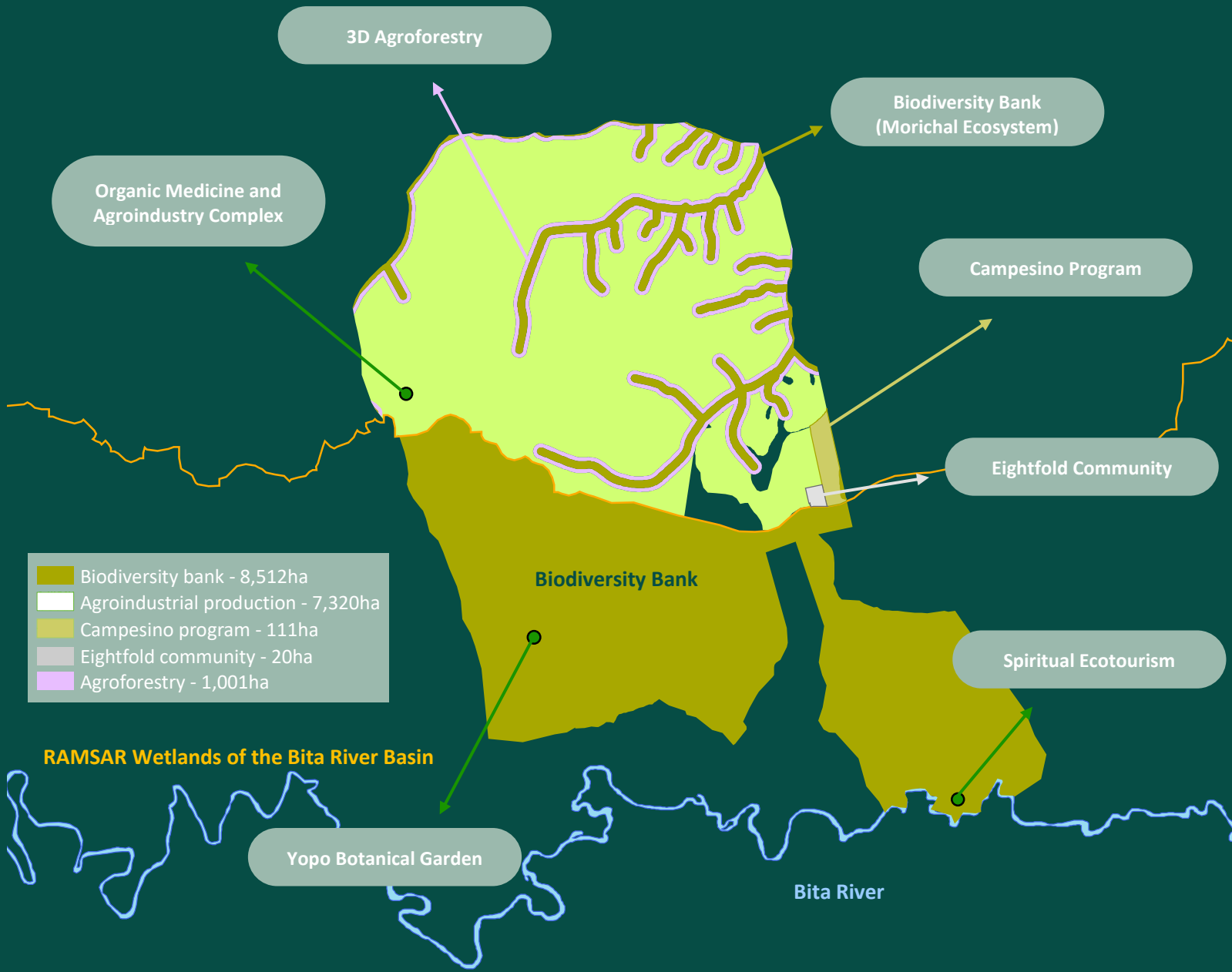
Spiritual Ecotourism

Environmental Economic Instruments

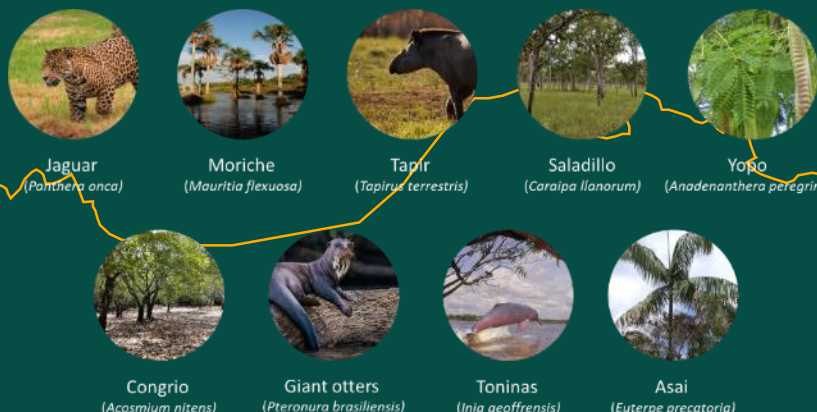
This Biodiversity Bank will protect the **habitat of the Jaguar**, the identification of **new genetics** for the development of organic products and medicines including a **high-level spiritual ecotourism center** with a low load capacity. It will be held, in alliance with the indigenous communities, a **Yopo's Botanical Garden**.

Eightfold Community

The Río Bitá Project will have an **Eightfold Community** that will be composed by the employees of the Complex and will have a Campesino Program, which will potentiate local traditions and recover ancestral cultures in a model of strengthening the sustainability of its inhabitants.



Conservation Objectives



Eightfold Colombia

Sipí Project

Area Description

Located in the **Municipality of Sipí (Chocó)**, bounded on the north by the municipalities of Nóvita and San José del Palmar; to the east with Valle del Cauca department; to the south with the Litoral de San Juan municipality; and to the west with the municipality of Medio San Juan. The project is located between black and indigenous communities.

Altitude: 85 m
Temperature: 25 - 30°C.
Precipitation: 8000 mm per year.

Ecosystems: premontane forest, tropical humid forest.

Flora: Amarillo (*Ocotea rufa*), anón de monte (*Guatteria pacifica*), dulumoco (*Saurauia chocoensis*) and Macana (*Wettinia disticha*).
Fauna: Jaguar, Central American Tapir, Andean Bear and Chocoan night monkey.

Biodiversity Bank

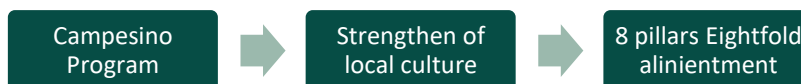
The aim is to develop a **Natural Reserve of Civil Society**, to protect the representative ecosystems, fauna and flora of Chocó, in **24.456 ha**. This area is one of the most biodiverse in the world and has the highest rate of endemism in Colombia, nevertheless it is the least know area of Colombia in ecological terms. The most priority species for this Bank is the conservation of the **Jaguar**, as a great regulator of the ecosystems and different species of the area. This Biodiversity Bank will include the following components:

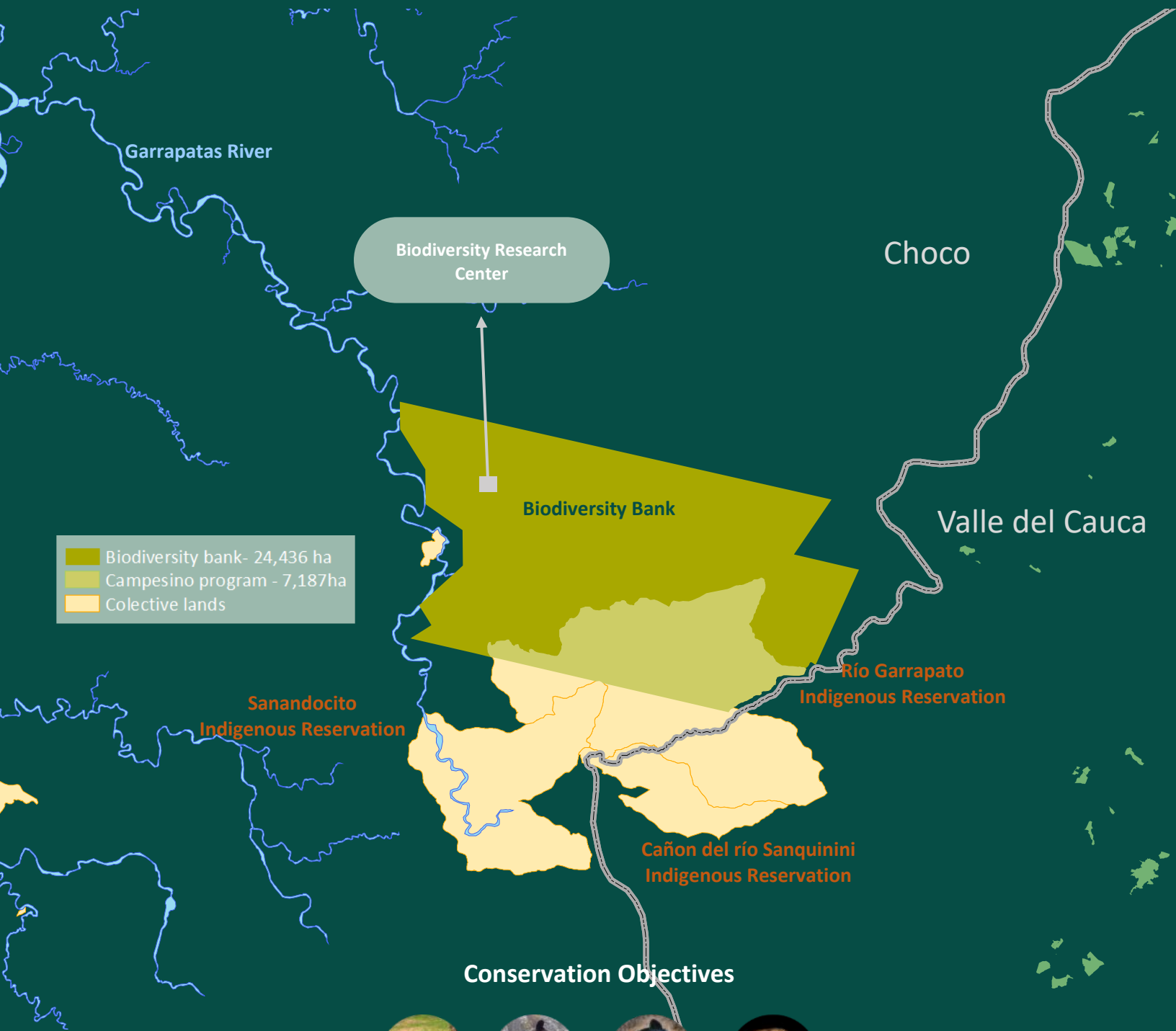


The **Research Center** will investigate de local species and genetics, to develop new knowledge to the world and the local communities. A **Ranger Program** will develop conservations actions, restauration processes and local environmental education. All this strategy will be complemented with environmental economic instruments, that will generate incomes for conservation with the communities.

Eightfold Community

Through two **Campesinos Programs**, one with the **Garrapatas Indigenous Reservation** and others with the **ACADESAN Afro-Colombian Community Council**, will be sought to potentiate productive developments according to the region's own vocations, increasing the added value generation. In this way, we seek to improve the community's life quality by increasing the competitiveness of the region and improving local environmental management.





Jaguar
(*Panthera onca*)



Tapir montaña
(*Tapirus pinchaque*)



Oso Andino
(*Tremarctos ornatus*)



Mono nocturno chocoano
(*Aotus zonalis*)



Amarillo
(*Ocotea spp*)



Anon de Monte
(*Watteria spp*)



Dulumoco
(*Saurauria chocoensis*)



Macana
(*Wettinia disticha*)



Eightfold Colombia

Tuparro Project

Area Description

Located in the northern buffer zone of the Tuparro National Park, which is part of the **Municipality of Puerto Carreño (Vichada)**. Limits by the north and east with Venezuela, by south with the corregimiento of Santa Rita and by the West with the La Primavera. There are currently two routes of river accessibility on the Meta and Orinoco rivers and a main airport located in Puerto Carreño urban area. **The project has 31,503 ha.**

Altitude: 51 m.

Temperature: 32 - 36°C.

Precipitation: 2.200 mm per year

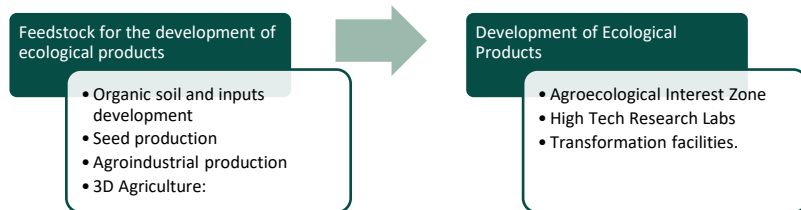
Ecosystems: gallery forest, congroales and savannahs.

Flora: Congrio, moriche, saladillo, asaí and aceite.

Fauna: Jaguar, Lowland Tapir, Giant Anteater and Ocarro.

Organic Medicine and Agroindustry

The **Tuparro's Medicine and Agroindustry Complex** will develop the most high-quality organic growing plants and transformation processes, that will protect the natural ecosystems.



Biodiversity Bank

Eightfold will develop a **Private Conservation Area** that is overlapped with the buffer zone of the Tuparro National Park, to protect the local ecosystems and representative local fauna and flora, helping the National Government with a local conservation strategy that will be aligned with the Natural National Park Conservation Objectives. This area is part of **one of the most important Biosphere Reserves in the world** due to its relevance in terms of biodiversity conservation of genetic resources, species, ecosystems and unique landscapes. The Biodiversity Bank will be developed as follows:



Eightfold Community

Through the **Spiritual Ecotourism**, this project will offer a tourist experience in the Tuparro National Park influence area, generating a unique experience, under a model based in the highest conservation standards. With the workers of the Tuparro's Project, an **Eightfold Community** will be developed to give opportunities for vulnerable communities by developing a Campesino Program that will provide a legal life-style through the developing of ecological projects.



EIGHTFOLD

Colombia

Piaroa de Chachicamo Murcielago Indigenous Reservation

3D Agroforestry

Organic Medicine and Agroindustry Complex

Caño Mesetas, Dagua y Murcielago Indigenous Reservation

- Biodiversity bank - 19,240ha
- Agroindustrial production - 1,802ha
- Campesino program - 223ha
- Eightfold community - 20ha
- Agroforestry - 1,215ha
- Indigenous communities
- Protected areas

Campesino Program

Orinoco River

Biodiversity Bank

Eightfold Community

Venezuela

Spiritual Ecotourism

Mesetas River

Conservation Objectives

Tuparro National Natural Park



Jaguar
(*Panthera onca*)



Moriche
(*Mauritia flexuosa*)



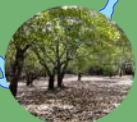
Tapir
(*Tapirus terrestris*)



Saladillo
(*Caraipa llanorum*)



Aceite
(*Copaifera pubiflora*)



Congrio
(*Acosmium nitens*)



Ocarro
(*Priodontes maximus*)



Palmero
(*Mormecophaga tridactyla*)



Asai
(*Euterpe precatoria*)

Tomo River



Eightfold Colombia Primavera Project

Area Description

Located in the **Municipality of La Primavera (Vichada)**. There are currently two routes of land accessibility from Puerto Carreño (295 km) and Villavicencio (600 km); a river accessibility route on the Meta river located in the lagoon of La Primavera; and a main airport located in the urban area of Puerto Carreño. **The project has 616.153 ha.**

Altitude: 117 m

Temperature: 27 - 30°C.

Precipitation: 2200 mm per year

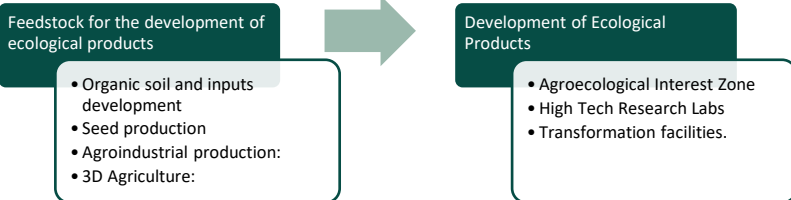
Ecosystems: gallery forests, morichales, savannahs and dissected altillanura

Flora: Congrio, moriche, saladillo, asaí and oil.

Fauna: Jaguar, Lowland Tapir, Toninas

Organic Medicine and Agroindustry

The **Primavera's Organic Medicine and Agroindustry Complex** will be the largest hemp business in the world, dedicated to the develop of the most high-quality organic growing plants and transformation processes, while protecting the local ecosystems.



Biodiversity Bank

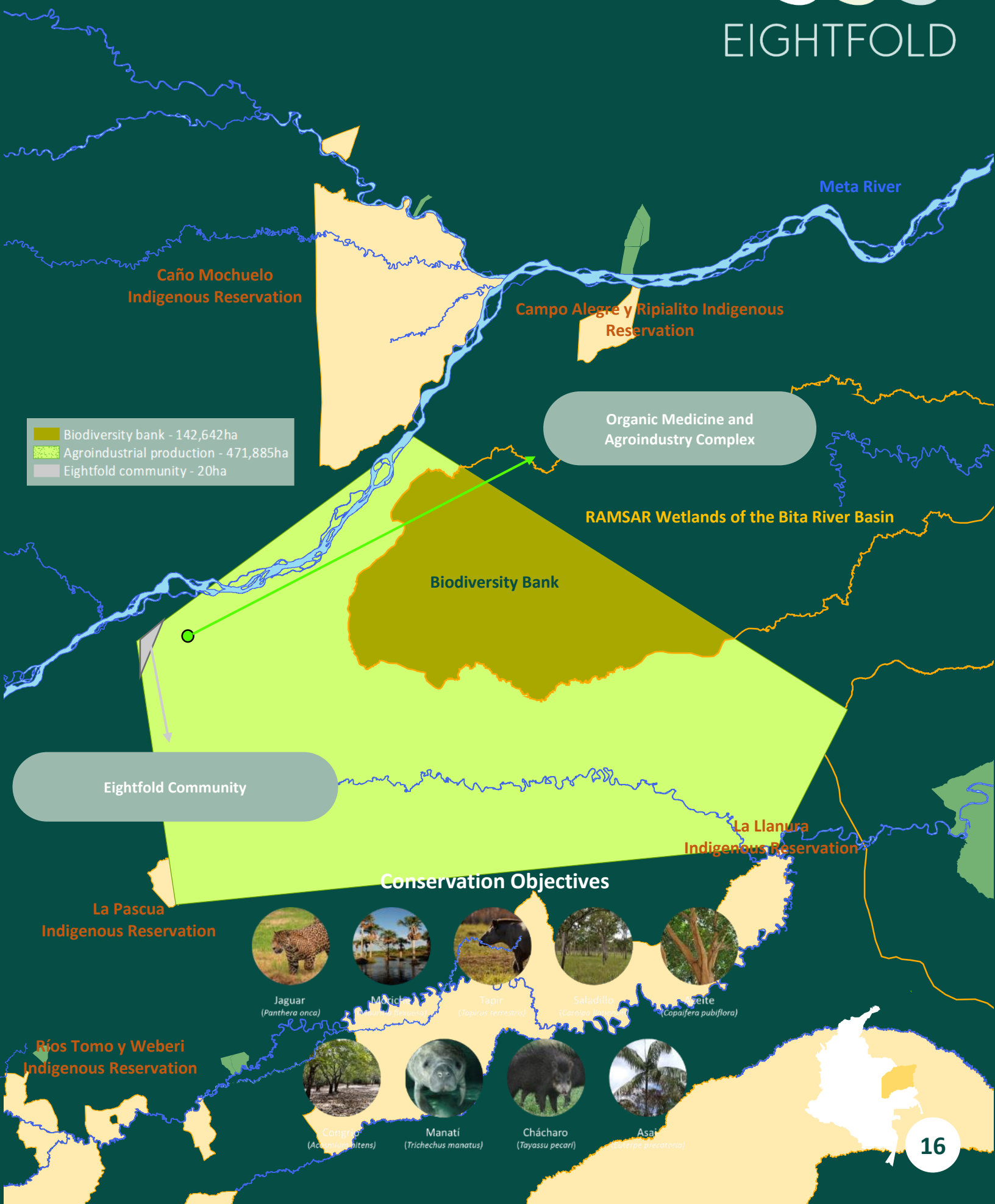
This **Biodiversity Bank** will be overlapped with the **Río Bitá RAMSAR**, to protect the local ecosystems and species. La Primavera has the particularity that in its territory are born and die several water sources, like the Bitá River. The Laguna de La Primavera is considered one of the most strategically important wetlands in Vichada. This Biodiversity Bank will include:



Eightfold Community

The proposal is to develop the urban area of La Primavera Municipality as an **Eightfold Community**, through the implementation of the Eightfold 8 pillars and the development of local agroecological production opportunities. This Eightfold Community should engage the **Biodiversity's Strategy of the Presidency of the Republic**.





Eightfold Colombia

Mapiripan Project

Area Description

Located in the **Municipality of Mapiripán (Meta)**. Limits in the north by the municipalities of Puerto Gaitán and San Martín de los Llanos and the Iteviare and Manacacías rivers; by south with Guaviare; by east with Vichada and to the west with the municipalities of Puerto Lleras, Puerto Rico and Puerto Concordia. It occupies the extensive territory of the south east of the department of Meta and border with the Guaviare River. **The project has 150.428 ha.**

Altitude: 150 m
Temperature: 27 - 27°C.
Precipitation: 2.500 mm per year
Ecosystems: tropical rain forest, gallery forests and savannahs.

Flora: Sasfráz, Yopo, Cuyubí and Moriche.

Fauna: Jaguar, Lowland Tapir, Manatees and Zocay.

Organic Medicine and Agroindustry

Mapiripan Organic Medicine and Agroindustry Complex will develop the most high-quality organic growing plants and transformation processes, that will protect the natural ecosystems.

Feedstock for the development of ecological products

- Organic soil and inputs development
- Seed production
- Agroindustrial production:
- 3D Agriculture:

Development of Ecological Products

- Agroecological Interest Zone
- High Tech Research Labs
- Transformation facilities.

Biodiversity Bank

The aim is to develop a **Private Conservation** area to protect the local flora, fauna and ecosystems and implement ecological restoration. Its location, between the transitional ecosystems of savannah and slopes, is crucial and favors the maintenance of gallery forests, which constitute the **main refuge for the Orinoquia wildlife and will act as a live barrier for the protection of the Nukak Maku Ethnic communities**. The Biodiversity Bank will be developed as follows:

Biodiversity Research Center

Eightfold Ranger Program

Spiritual Ecotourism

Environmental Economic Instruments

Eightfold Community

Will be developed in areas where the guerrillas of Colombia had maintained a dominant presence through the development of illegal crops as one economical alternative. A **Campesino Program** for **Illicit Crop Replacement** will be implemented to help local communities and settlers to engage in a new alternative of sustainable economic development.

Campesino Program

Agroforestry Program

Strengthen of local culture

8 pillars Eightfold alignment

El Trigre Indigenous Reservation

Alto Unuma Indigenous Reservation



- Biodiversity bank - 124,182ha
- Agroindustrial production - 2,787ha
- Campesino program - 23,434ha
- Eightfold community - 20ha
- Indigenous communities

Organic Medicine and Agroindustry Complex

Campesino Program

Eightfold Community

Macuare Indigenous Reseservation

Biodiversity Bank

Nukak Maku Indigenous Reservation

Laguna Araguato y Barranco Caiba Indigenous Reseservation

Conservation Objectives



Jaguar
(*Panthera onca*)



Moriche
(*Mauritia flexuosa*)



Tapir
(*Tapirus terrestris*)



Sasafráz
(*Dioscorea cymbarum*)



Yopo
(*Anadenanthera peregrina*)



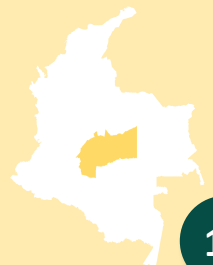
Manatí
(*Trichechus manatus*)



Zocay
(*Plecturocebus ornatus*)



Cuyubí
(*Minquaria guianensis*)



Eightfold Colombia

Buhe Thesis Project

Area Description

Located in the **Municipality of Villagarzón (Putumayo)**. It limits to the North, the municipalities of Santiago, San Francisco and Mocoa; to the South, the municipalities of Orito and Puerto Caicedo; to the East, the municipalities of Mocoa and Puerto Guzmán; and to the West, the municipality of San Francisco and the Department of Nariño. The influence area of Villagarzón has 195.2 Km², between the urban area and 14 veredas. **The project has 68.533 ha.**

Altitude: 430 m

Temperature: 21 - 27°C

Precipitation: 4.375 mm per year

Ecosystems: humid tropical forest, subandean forest, Andean forest and paramos.

Flora: Canelo de los andaquíes, black soul, orchids and tree ferns.

Fauna: Jaguar, Lowland Tapir, amazonic manatees and Goeldi's monkey.

Organic Medicine and Agroindustry

Buhe Thesis Organic Medicine and Agroindustry Complex will develop the most high-quality organic growing plants and transformation processes, that will protect the natural ecosystems.

Feedstock for the development of ecological products

- Organic soil and inputs development
- Seed production
- Agroindustrial production.
- 3D Agriculture.



Development of Ecological Products

- Agroecological Interest Zone
- High Tech Research Labs
- Transformation facilities.

Biodiversity Bank

The Buhe Thesis Biodiversity Bank will focus on the **Protection of Amazonia** foothills flora and fauna. This area is one of the most biodiverse areas in the world which is created due to the influence of the Andes in this Amazonian region. Buhe Thesis, which means in the Kofan dialect "*Casa del Jaguar*", will be a Bank that will seek the **jaguar habitat protection and the potentializing the water resources of the area.**

Biodiversity Research Center



Eightfold Ranger Program



Spiritual Ecotourism



Environmental Economic Instruments

Additionally, in this Biodiversity Bank, the **Yage Botanical Garden** will be developed with the guidance of traditional authorities, which will be a space for the development and knowledge of local ancestral plants.

Eightfold Community

The Development of an Eightfold Community in Villagarzón will generate sustainable opportunities for local campesinos and indigenous people as a mechanism for the development of **Illicit Crop Substitution Programs.**

Campesino Program



Agroforestry Program

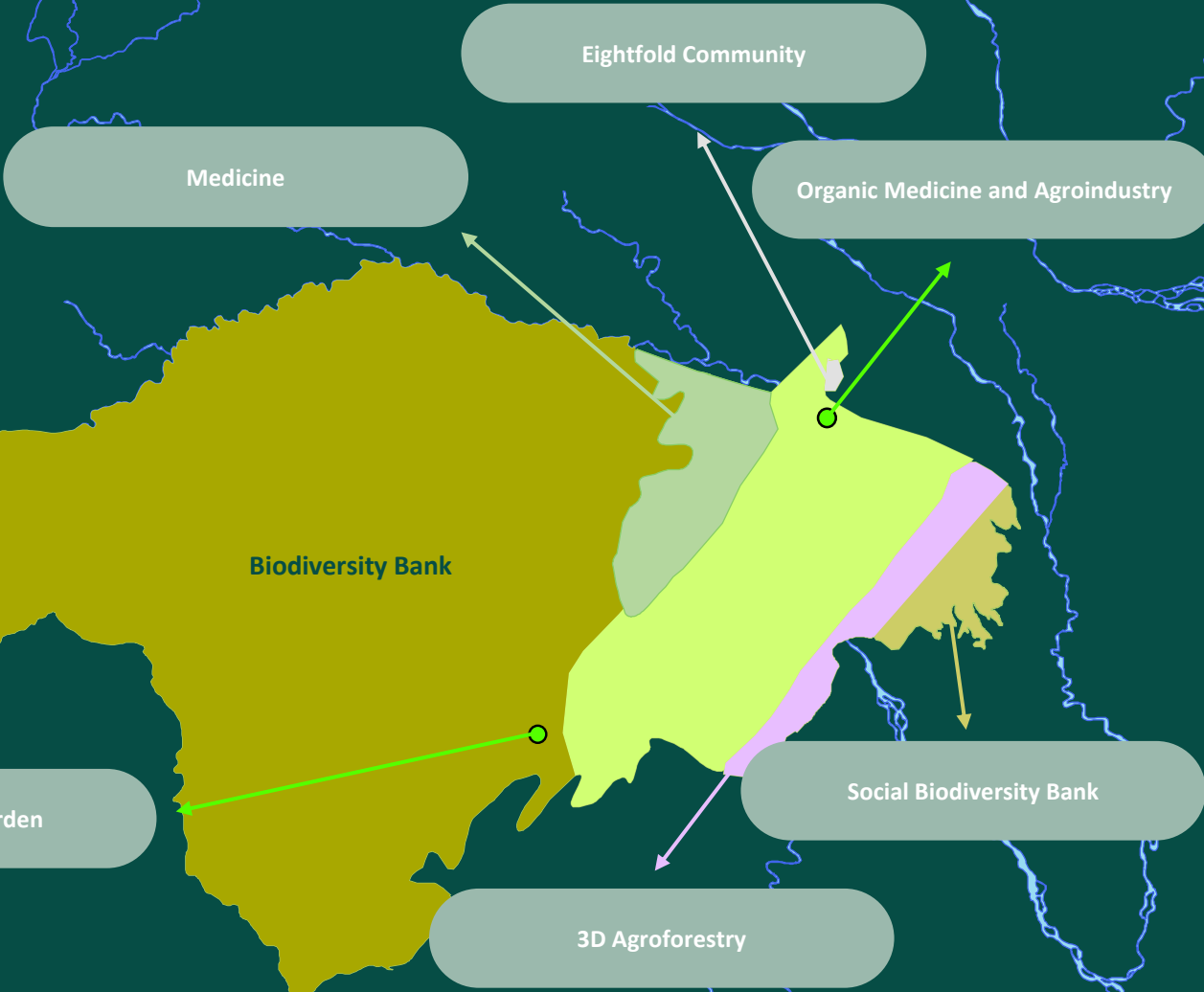


Strengthen of local culture



8 pillars Eightfold alignment

- Biodiversity bank - 58,050ha
- Agroindustrial production - 12,627ha
- Campesino program - 1,524ha
- Eightfold community - 20ha
- Agroforestry - 2,310ha
- Medicinal plants - 3,500ha



Conservation Objectives



Eightfold Colombia

Chiribiquete Project

Area Description

Located in the **Municipalities of San José del Guaviare and El Retorno**. **San José** limits by north with Meta department, by south with the municipalities of Calamar and El Retorno; and by east with Guainía department. The influence area of San José has 16.528,93 Km². El Retorno limits by North with San José del Guaviare, the South with Miraflores and the department of Vaupés, the West with Calamar and the East with the department of Guainía. El Retorno has an extension of 11.681 Km².

Altitude: 180 m

Temperature: 25 - 30°C

Precipitation: 2.500 mm per year

Ecosystems: tropical humid forest, gallery forest, vega forest and ancient terraces.

Flora: Cedro, Inírida flower, and endemics: *Pachira nukakica* y *Mimosa guaviarensis*.

Fauna: Jaguar, Lowland Tapir, margay and white-bellied spider monkey.

Organic Medicine and Agroindustry

Chiribiquete's Organic Medicine and Agroindustry Complex will develop the most high-quality organic growing plants and transformation processes, that will protect the natural ecosystems.

Feedstock for the development of ecological products

- Organic soil and inputs development
- Seed production
- Agroindustrial production:
- 3D Agriculture:

Development of Ecological Products

- Agroecological Interest Zone
- High Tech Research Labs
- Transformation facilities.

Biodiversity Bank

The aim is to develop a **Private Conservation** area that will protect the Serranía La Lindosa, that is one of the most important archaeological places in the world, due to the presence of **preserved pictograms of ancestral indigenous communities**. With this initiative, a possible biological corridor between the Macarena and Chiribiquete Natural National Parks will be planned. This Biodiversity Bank will include:

Biodiversity Research Center

Eightfold Ranger Program

Spiritual Ecotourism

Environmental Economic Instruments

Eightfold Community

An Eightfold Community will be developed with locals, to promote a **Campesino Program** for Illicit Crops Substitution, an **Ecotourism model** for the Serranía La Lindosa, and an urban community in **San José de Guaviare**.

Campesino Program

Agroforestry Program

Strengthen of local culture

8 pillars Eightfold alignment

Guaviare River

Organic Medicine and Agroindustry Complex

- Biodiversity bank - 29,272ha
- Campesino program - 55,808ha
- Indigenous communities
- Campesino reservation

La Sal Indigenous Reserervation

Panure Indigenous Reserervation

Special Management Area Sierra of the Macarena

Biodiversity Bank (Serrania La Lindosa)

Eightfold Community

Nukak Maku Indigenous Reserervation

Campesino Reservation

Campesino Program

Asuncion Indigenous Reserervation

Conservation Objectives



Jaguar
(*Panthera onca*)



Cedro
(*Cedrela odorata*)



Tapir
(*Tapirus terrestris*)



Flor de Inrida
(*Guacamaya superba*)



Puyu Meru
(*Pachira nukakla*)



Margay
(*Leopardus wiedii*)



Marimonda
(*Ateles belzebuth*)



Helechos arborescentes
(*Minqartia guanensis*)

National Natural Park Serrania Chiribiquete

Eightfold Colombia

Vaupes Project

Area Description

Located in the **Municipality of Carurú (Vaupés)**. Limits to the north with Papunagua, by East with Guaviare department, by west with Mitú and by south with Pacoa municipalities. The influence area has 6.981 Km², between the urban and the rural areas. The polygon has 39.000 ha.

Altitude: 185 m

Temperature: 25 - 30°C

Precipitation: 3.500 mm per year

Ecosystems: tropical humid forest and arbustive savannahs.

Flora: Achote, Devil spine, Cabo de hacha, Carurú and Caraña

Fauna: Jaguar, Lowland Tapir, Ocarro, Giant Anteater and Giant Otter.

Biodiversity Bank

The Biodiversity Bank will be consolidated with the support of local indigenous authorities, to conserve the local flora and fauna, through different strategies for protecting and restoring the local ecosystems. This area is in the transition between the dry plains of the Orinoquia to the north, and the Amazon rainforest to the south, harbor a unique biodiversity composition and structure.

With the ancestral authorities an **Ancestral Plants Botanic Garden** will be developed, to create nurseries for the plants that the indigenous authorities will identify to protect and promote this knowledge.



A **Biodiversity Research Center** will develop with the indigenous authorities to generate research processes to identify and catalog the species and genetics of these ancestral plants and promote this knowledge internationally.

Eightfold Community

An **Indigenous Eightfold Ranger Program** will be formed to develop conservation and ecological restoration processes in order to protect the Biodiversity Bank.

A model of **Spiritual Ecotourism** will be developed, in order to create an ancestral healing center through the use of medicinal plants that allows the interaction of the world with this ancestral knowledge.

An **Eightfold Community** will be developed through the construction of 30 sustainable houses, based on local materials and local ancestral knowledge, in order to generate the eight pillars implementation with these communities.

Biodiversity bank - 38,960ha
 Eightfold community - 20ha
 Indigenous communities

Vaupés Indigenous Reseservation

Biodiversity Bank

Vaupés River

Botanical garden

Eightfold community

Spiritual Ecotourism

Arara, Bacati, Caruru y Miraflores Indigenous Reseservations

Conservation Objectives



Jaguar
(*Panthera onca*)



Achiote
(*Bixa orellana*)



Tapir
(*Tapirus terrestris*)



Cabo de hacha
(*Trichilia hirta*)



Caruru
(*Amaranthus quitensis*)



Ocarro
(*Pridonates maximus*)



Palmero
(*Myrmecophaga tridactyla*)



Caraña
(*Buisera simoniana*)

Eightfold Colombia Valle Project

Area Description

Located in the **Municipality of Bolivar (Valle del Cauca)**. Limits to the North with the municipalities of El Dovio and Roldanillo, to the South with the municipality of Trujillo, by the East with the municipalities of Bugalagrande and Zarzal and to the West with the department of Chocó. The municipality influence area has 780 Km² and the polygon has 696 ha.

Altitude: 980 m

Temperature: 25 - 30°C

Precipitation: 3.500 mm per year

Ecosystems: subandean forest, Andean forest and humid tropical forest.

Flora: Chontaduro, Solitary Palm, Dracula Orchid and bromelias.

Fauna: Jaguar, Mountain Tapir, oncilla and Chocóan Night Monkey.

Campesino Program

A **Campesino Program** will be developed, in order to generate a model of sustainable development and **Substitution of Crops** with local communities, to generate new models of local development and strategies for biodiversity conservation.



Conservation Objectives



Jaguar
(*Panthera onca*)



Tapir montaña
(*Tapirus pinchaque*)



Oncilla
(*Leopardus tigrinus*)



Mono nocturno choicano
(*Aotus zonalis*)



Chontaduro
(*Bactris gasipaes*)



Palma solitaria
(*Ceroxylon sagellianum*)



Orquídea
(*Saurauia chocoensis*)



Bromelia
(*Pitcairnia rufidifolia*)



Eightfold Colombia's Alliances



The word "Canada" in a serif font, with a small Canadian flag to the right of the letter 'a'.

Canadian Government



United States of America Government



Mexico Government



Brazil Government



Catholic Church Alliance



Private Conservation Model Alliance



Biodiversity Research Alliance



UNIVERSIDAD NACIONAL DE COLOMBIA
Colombia's Government University Partner



Brazil's Government University Partner



TEXAS A&M UNIVERSITY

USA's University Partner



The University of Texas at Austin
Dell Medical School

USA's University Partner



MOTOROLA SOLUTIONS

Telecommunications Partner



Colombia's Private University Partner

Alphabet

Platform Alliance



TRANE



DatumCon



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The importance of the Jaguar in the balance of the Colombian ecosystem

In general, carnivores shape herbivorous communities, protect the plants and the structure of ecosystems where they occur. Prey, which are usually in the basal positions of the trophic structure, directly reduce the productivity of the plants. Therefore, the carnivores that feed on these species generate indirect and variable impacts on the plants (Steffan et al., 2015).

Species such as the tiger (*Panthera onca*) and lion (*Puma concolor*), contribute to the regulation of natural species of rodents and marsupials that can become important pests of plants. In turn, these species indicate the good state of conservation of the vegetation cover, since many of them exhibit strict habitat requirements for their survival (Jędrzejewski et al., 2017).