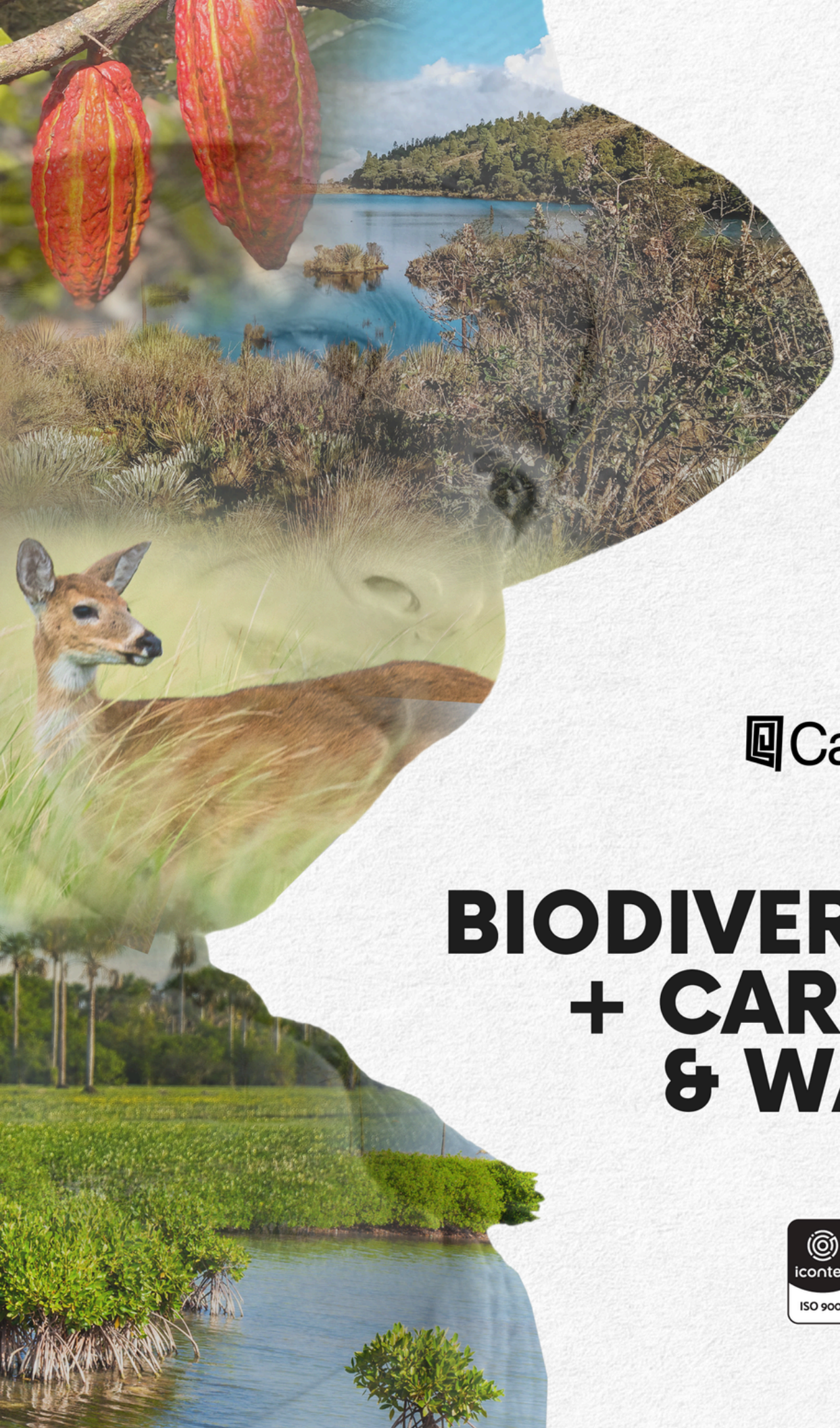


Cataruben®

BIODIVERSITY + CARBON & WATER

icontec ISO 9001

icontec ISO 14001

CERTIFIED IQNet MANAGEMENT SYSTEM

Cataruben®

CO2Bio®

paramuno

CultivO2

ORINOCO2®

co2rozo

CERO CH4

COMPENSAVE

CQTX

WATER INVESTMENTS

nature units

Quiripa

PL4NET

Cataruben®

BIODIVERSITY + CARBON & WATER

We are a **non-profit** organization working in the most biodiverse regions of Colombia, including the Orinoco, the Andes, the Caribbean coast, and the Amazon.

We are dedicated to developing **nature-based climate solutions** focused on conserving strategic ecosystems such as paramos, forests, savannahs, and agroecosystems. Our commitment to the environment has made us a locally and globally recognized reference. We operate through the innovative strategy **"Biodiversity + Carbon & Water"**

BIODIVERSITY

Protect habitats and strategic ecosystems, ensuring the conservation of fauna and flora.

CARBON

Reduce and prevent the degradation and transformation of carbon stocks in the above and below ground biomass.

WATER

Efficient management of the water resources, implementing conservation and restoration actions.

OUR COMMITMENT

Is implementing initiatives with the following **CO-BENEFITS:**

CAPACITY strengthening

Promote **knowledge transference** focused on conservation, protection, agroforestry and silvopastoral techniques, and use of ecosystem services.

SUSTAINABLES incentives

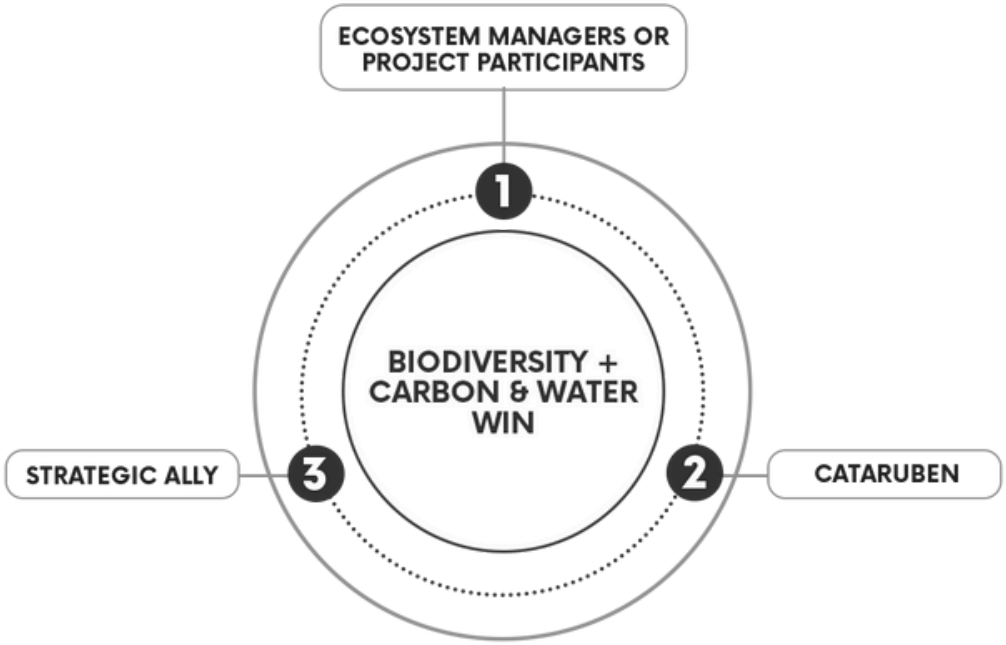
Allocating **100%** of the economic resources to conservation, with **70%** managed by beneficiaries and **30%** allocated to quantification, monitoring, and administration activities

Access to the INFORMATION

Ensure that our initiatives are transparent and accessible to all parties, fostering **strong governance** and effective communication between partner, developer and ecosystem manager.

HOW DO WE DO IT?

All our initiatives are developed with a **3-PART COLLABORATIVE MODEL** as follows:



1. **Ecosystems managers:** Families or Institutions that carry out sustainable activities.
2. **The Cataruben Foundation:** Organization responsible for project development.
3. **Strategic ally:** Investor and/or credits buyer with a comprehensive perspective for corporate social and environmental management (In compliance with the integral sustainability strategy).

SOME OF OUR ALLIES

LATAM AIRLINES | USAID DEL PUEBLO DE LOS ESTADOS UNIDOS DE AMÉRICA | ecopetrol | C4D | Universidad Nacional de Colombia

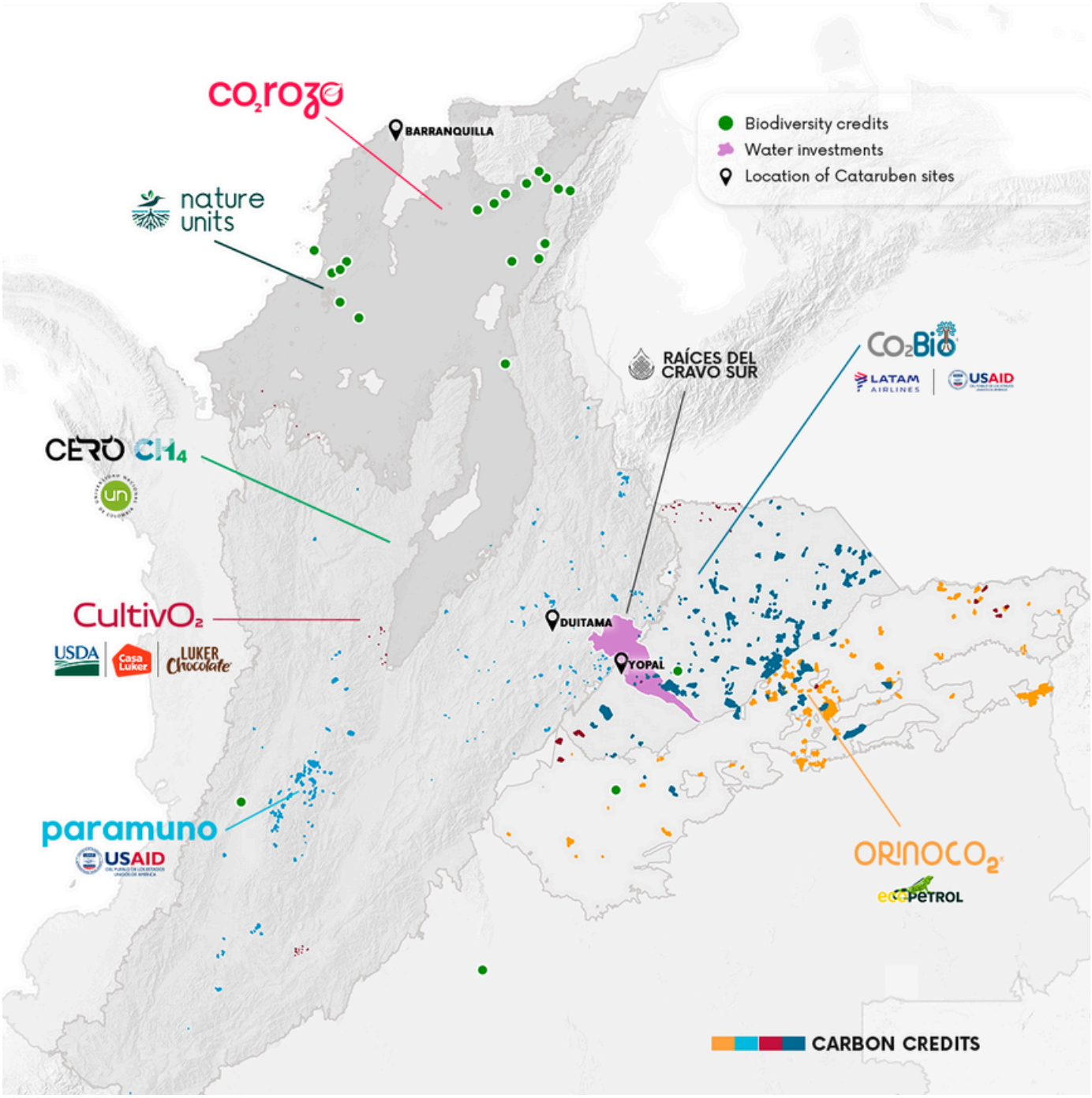
PARTNERS of the AMERICAS | USDA | FEDERACION NACIONAL DE CACAOTEROS FONDO DE ESTABILIZACIÓN DE PRECIOS DEL CACAO | Sua

STANDARDS AND CERTIFIERS

Verified Carbon Standard A VERRA STANDARD | BioCarbon Standard | PLAN VIVO For nature, climate and communities | Nat5. The Nature-Positive Platform

OUR NATURE-BASED SOLUTIONS

Cataruben implements initiatives to conserve priority ecosystems that are within the top 10% most important on the planet in terms of biodiversity, carbon sequestration and sweet water management. This includes low emission and high sustainability livestock practices. The map below shows the location and type of project.



OUR IMPACT

As part of the **Biodiversity + Carbon & Water,** we are currently implementing 5 initiatives for the generation of CCVs and developing 6 new products in various stages of technological, commercial and business maturity.

INNOVATION PROJECTS

105.000 Hectares of forests and wetlands to enroll. **7.860.406 tCO2e** to reduce.

150.000 Hectares agroforestry systems to enroll **7.600.000 tCO2e** to reduce.

577.285 heads of dairy cattle to enroll **3,232,796 tCO2e** to reduce.

4.000 Ton of rice residues to be managed. **5.760 tCO2e** to reduce.

15.000 Hectares with potential to enroll.

20.000 Hectares with potential to enroll.

RESULTS OF IMPLEMENTED PROJECTS

During almost 10 years of operation, our initiatives have generated a significant and tangible impact. The following figures reflect the results obtained throughout this trajectory.

4.085.370
TCO2e avoided

1.074.717
Hectares under a better management.

8.043.611
USD mobilized for conservation.

723
Benefited families.

CARBON

CO2Bio

This climate change mitigation initiative reduces CO2 by implementing activities that reduce deforestation y degradation in gallery forests, as well as avoiding the transformation of natural continental wetlands in the Eastern plains region of Colombia. CO2Bio began in 2015 and plans to enroll 500.000 hectares of these ecosystems by 2030.

TYPE OF PROJECT:
REDD+

ENROLLED PROPERTIES:
310 Private properties

ECOSYSTEM:
Gallery forests and lowland wetlands in the Orinoco macrobasin.

CERTIFICATION STANDARD:
BioCarbon Standard.

ENROLLED AREAS:
312.548 hectares by 2023.

ECO2 EMISSIONS AVOIDED:
2.665.353 tCO2e (2015-2022).

SDGs:

6 CLEAN WATER AND SANITATION
5 GENDER EQUALITY
13 CLIMATE ACTION
15 LIFE ON LAND

ALLIES

LATAM AIRLINES | USAID DEL PUEBLO DE LOS ESTADOS UNIDOS DE AMÉRICA

paramuno

This climate change mitigation initiative prevents land use change in Paramos, peatlands, and wetlands, as well as deforestation and degradation of high Andean forests; encouraging the recovery of degraded areas through ecological restoration to contribute to biodiversity conservation and ensure carbon storage above and below ground, allowing the management of clean water in strategic ecosystems. Paramuno began in 2017, with a projection of enrolling 60.000 hectares of private ecosystems by 2036.

TYPE OF PROJECT:
REDD+

ENROLLED PROPERTIES:
154 Private properties.

ECOSYSTEM:
Paramos and High Andean Forests.

CAERTIFICATION STANDARD:
BioCarbon Standard.

ENROLLED AREAS:
30.215 hectares by 2023.

CO2 EMISSIONS AVOIDED:
477.625 tCO2e (2017-2021).

SDGs:

6 CLEAN WATER AND SANITATION
13 CLIMATE ACTION
15 LIFE ON LAND

ALLIES:

USAID
DEL PUEBLO DE LOS ESTADOS UNIDOS DE AMÉRICA

CultivO2

This climate change mitigation initiative reduces and removes greenhouse gases (GHG) through the implementation of low-carbon productive systems (cacao, cashew, and timber); aiming to contribute to the conservation of biodiversity, carbon storage below and above ground, as well as the clean water management in prioritized areas. CultivO2 supports the economic, social, and environmental well-being of productive families, through the delivery of economic benefits from the sale of carbon certificates. The initiative started in 2017, with a projection of enrolling 20.000 hectares of private ecosystems by 2036.

TYPE OF PROJECT:
REDD+, AR.

ENROLLED PROPERTIES:
69 Private properties.

ECOSYSTEMS:
Forests, Cacao, and Cashew productive systems.

CERTIFICATION STANDARD:
BioCarbon Standard.

ENROLLED AREAS:
3.422 hectares by 2023.

CO2 EMISSIONS AVOIDED:
47.105 tCO2e (2017-2021).

SDGs:

6 CLEAN WATER AND SANITATION
13 CLIMATE ACTION
15 LIFE ON LAND

ALLIES:

C4D
Casa Luker

ORINOCO$_2$®

This climate change mitigation initiative reduces CO2 emissions by implementing activities that reduce deforestation and degradation in gallery forests, as well as avoiding the transformation of natural savannahs in the eastern plains region. ORINOCO2 started in 2018 and projects to enroll 400.000 hectares of these ecosystems by 2030.

TYPE OF PROJECT:
REDD+

ENROLLED PROPERTIES:
149 Private properties.

ECOSYSSTEMS:
Gallery forests and Highland Natural Savannahs in the Orinoco microbasin.

CERTIFICATION STANDARD:
BioCarbon Standard.

ENROLLED AREAS:
189.548 hectares by 2023.

CO2 EMISSIONS AVOIDED:
895.287 tCO2e (2018-2022).

SDGs:

ALLIES:

ecopetrol

BIODIVERSITY

nature units

To strengthen biodiversity, we developed an internal process to evaluate nature-related impacts, dependencies, and risks. This helps in identifying support opportunities. We align our objectives with recognized industry standards such as SBTN, TNFD, and the UICN Global Standard for Nature-based solutions. We also follow emerging standards related to positive Nature.

TYPE OF PROJECT:
Conservation of key-areas of Biodiversity.

CERTIFICATION STANDARD:
As required

ECOSYSTEMS:
Tropical dry forests, Wetlands, Savannas, Mangroves, Paramos and High Andean forests.

AREAS TO BE ENROLLED:
19.800 hectares.

SDGs:

WATER

WATER INVESTMENTS

RAICES DEL CRAVO SUR

This climate change adaptation and mitigation initiative aims to improve water regulation in the Cravo Sur river basin, in the departments of Casanare and Boyacá, Colombia. To this end, Nature-Based solutions (NBS) will be implemented, including the restoration, rehabilitation and recovery of strategic ecosystems. Raices del Cravo Sur started in 2024 and projects to enroll 1,000 hectares and restore between 100 and 250 hectares, promoting sustainable practices that benefit local communities, productive sectors and biodiversity.

TYPE OF PROJECT:
Restauration, rehabilitation and recovery of strategic ecosystems.

CERTIFICATION STANDARD:
ASES.

ECOSYSTEMS:
High, medium and low mountain ecosystems in the Orinoco and Andes region.

CREDITING PERIOD:
20 years.

ÁREAS TO BE ENROLLED:
1000 hectares of the project area and 100-250 hectares with NBS activities.

SDGs:

INNOVATION

CO_2ROZO

It is a climate change mitigation initiative that reduces greenhouse gas (GHG) emissions, avoids deforestation and degradation of tropical dry forests, and coastal wetlands transformation in the Caribbean region. This initiative supports the social and economic well-being of families and institutions that manage the ecosystem, through financial incentives generated by the sale of verified carbon credits. (VCCs).

TYPE OF PROJECT:
REDD+.

CERTICATION STANDARD:
BioCarbon Standard.

ECOSYSTEMS: Tropical dry forests and coastal wetlands.

CO2 EMISSIONS PROJECTED:
8.514.488 tCO2e (2022-2041).

POTENTIAL MPACT:
300.000 hectares.

SDGs:

CultivO2

This climate change mitigation initiative removes greenhouse gases through the establishment of low-carbon forestry crops, contributing to biodiversity conservation, above and below-ground carbon storage, and clean water management in prioritized areas. CultivO2 Forestry also supports the economic, social, and environmental well-being of producer families, by providing financial benefits through the sale of carbon certificates.

TYPE OF PROJECT:
AR.

CREDITING PERIOD:
5 years.

ECOSYSTEMS:
Rubber forest systems, eucalyptus, pine trees and native species.

CERTIFICATION STANDARD:
VERRA.

AREAS TO BE ENROLLED:
12000 Hectares.

CO2 EMISSIONS AVOIDED:
1.116.720 tCO2e.

SDGs:

CERO CH_4

This livestock and manure management initiative seeks to reduce enteric methane emissions in livestock production through a dietary supplement that inhibits methanogenesis in ruminants, protecting animal health and productivity. CERO CH4 focuses on areas with high dairy cattle potential and promises to reduce 3,232,796 tons of CO2 equivalent between 2024 and 2031, achieving a significant impact on climate change mitigation and obtaining Verified Carbon Units (VCU).

TYPE OF PROJECT:
Livestock and manure management.

CERTIFICATION STANDARD:
VERRA.

ECOSYSTEMS:
Livestock ecosystem in the Orinoco, Andes and Caribbean regions.

CREDITING PERIOD:
7 years.

POTENTIAL IMPACT:
577.285 heads of dairy cattle in Colombia.

POTENTIAL EMISSIONS:
0,5 - 0,8 TCO2e/head year.

SDGs:

BIOCH4R

This project aims not only to make effective use of rice residues but also address one of the major environmental and agricultural challenges of our time: the sustainable management of agricultural waste.

By transforming these residues into biochar through controlled pyrolysis processes, it not only avoids waste, but also generates a useful product that can significantly improve soil health and contribute to mitigating climate change. This approach represents a crucial step towards a more sustainable environmentally friendly agricultural model by establishing a closed loop that bridges the gap between agricultural production and waste management.

TYPE OF PROJECT:
Waste handling and disposal

CERTIFICATION STANDARD:
VERRA.

ECOSYSTEMS:
Rice crops in the Orinoco Region

CREDITING PERIOD:
7 years.

POTENTIAL IMPACT:
4000 Ton Biochar.

POTENTIAL EMISSIONS:
5,760 TCO2e.

SDGs:

Did you know that you can reduce the time you spend on project management by half?

In the era of digitalization and sustainability, CQTX emerges as the ultimate solution for project management with Nature-based solutions. Our website not only streamlines the process of enrolling and validating owners' documentation but also optimizes the verification of areas to be enrolled and the comprehensive management of projects.

CQTX SIMPLIFIES THE CENTRALIZATION OF INFORMATION FOR CERTIFYING YOUR PROJECTS:
Everything accessible in one place, fast and without complicatin

DATA INTEGRITY:
Avoid duplicates and ensure the highest quality of information. Rely on efficient processes for optimal results.

EFFECTIVE INFORMATION MANAGEMENT:

Easily access, monitor and organize data for agile decisions and effective action.

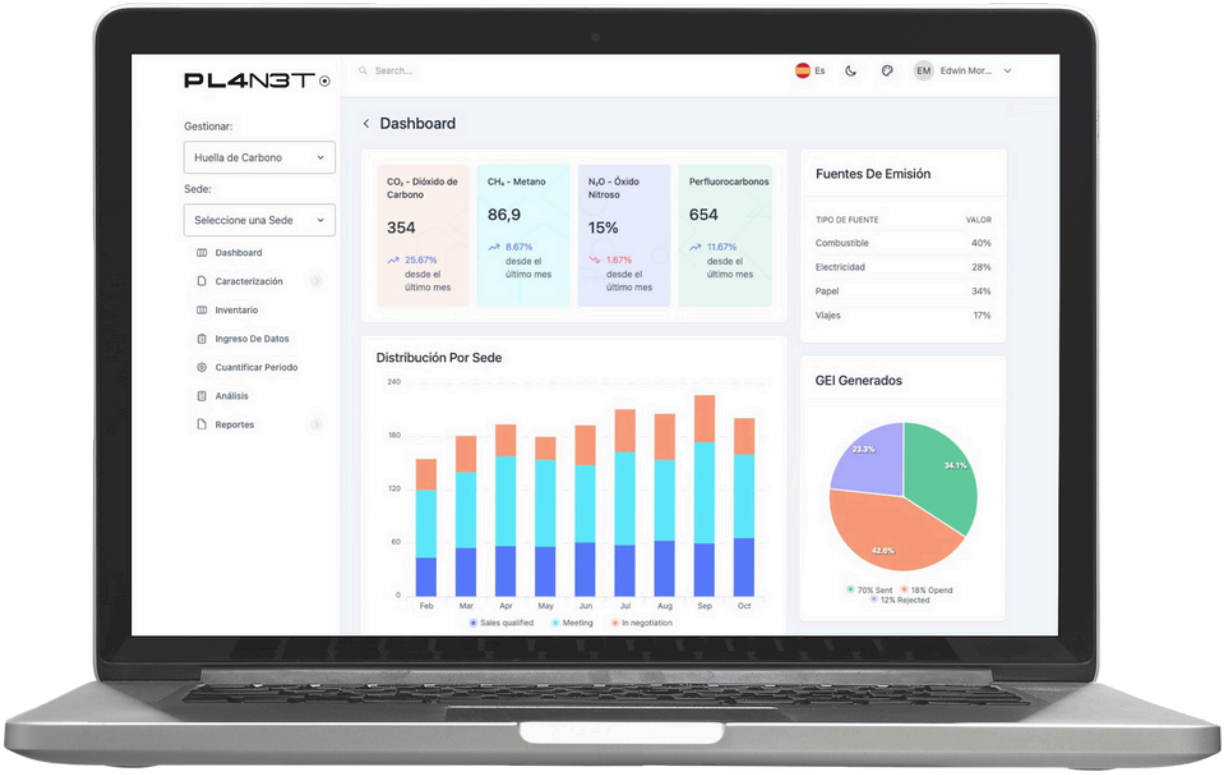
CQTX Your ally for a more sustainable future

Quiripa

PL4N3T

This web platform, committed to sustainability, is designed to manage an organization's carbon footprint by allowing real-time measurement of greenhouse gas emissions. Additionally, it contributes to resource optimization, cost reduction, and improved operational efficiency, making it an ideal tool for organizations aiming to enhance their sustainability efforts.

QUANTIFY YOUR FOOTPRINT:



WWW.PL4N3T.COM

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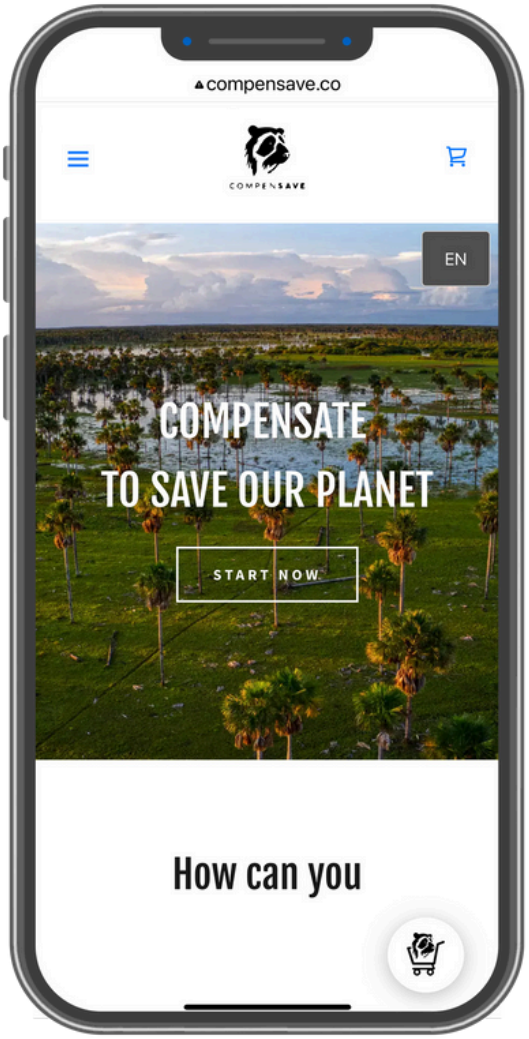
COMPENSAVE

It is a web platform that connects communities, individuals and companies worldwide interested in offsetting their carbon footprint through the direct purchase of Verified Carbon Credits (VCCs).

The platform facilitates the automated download of VCCs allows end users to support private landowners in Latin America who carry out conservation projects in their ecosystems. Our main objective is to ensure transparency, traceability and interaction in the process of buying and selling carbon credits originating from conservation initiatives.

OFFSET YOUR FOOTPRINT



WWW.COMPENSAVE.CO

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