



# REDD+ Cerrado

**First carbon credit project  
in the Brazilian Cerrado**

**More than 416 thousand tons of  
carbon already emitted**

The project is registered with Verra under number 2465.  
Check at: [registry.verra.org/app/projectDetail/VCS/2465](https://registry.verra.org/app/projectDetail/VCS/2465)

A product:

**reservas  
VOTORANTIM**

# Project Fact Sheet

Reservas Votorantim – rV, in partnership with Companhia Brasileira de Alumínio (CBA) and the consultancies Ecosystem Regeneration Associates (ERA) and ECCON Soluções Ambientais, certified the first REDD+ project in the Brazilian Cerrado.

REDD+ is the result of the work carried out at Legado Verdes do Cerrado, a 32,000-hectare private sustainable development reserve located in Niquelândia – Goiás, and managed by rV.

The relevant socioeconomic and environmental co-benefits of this project are the advances in science for the conservation of Cerrado – the most biodiverse tropical savannah in the world, the reduction of Greenhouse Effect Gases (GHG), social development, avoided deforestation and protection of biodiversity.

**Credits generated by REDD+ Cerrado reach the market with Verra certification, a globally recognized standard.**

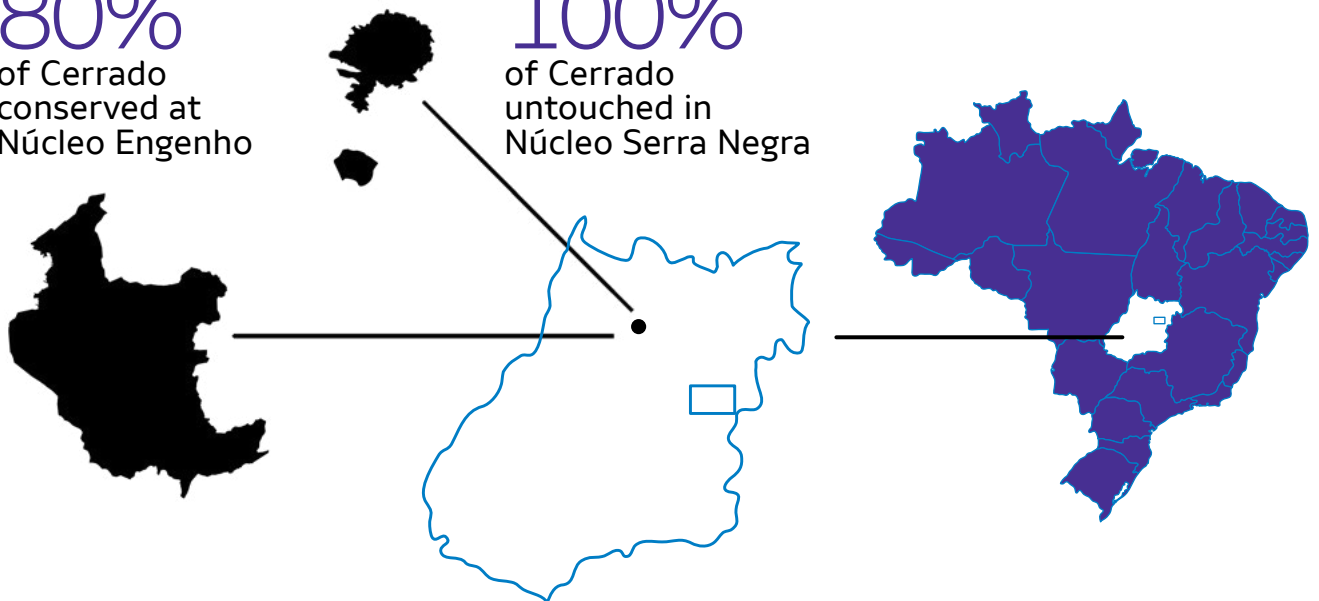
- 11.5 thousand hectares for issuing more than 416 thousand tons carbon credits, covering the period from 2017 to 2023;
- Standards: Verified Carbon Standards (VCS) + SocialCarbon (CCB for all future monitoring periods).

Discover and enjoy:  
[www.legadoverdesdocerrado.com.br](http://www.legadoverdesdocerrado.com.br)

## 32 thousand hectares

80% of Cerrado conserved at Núcleo Engenho

100% of Cerrado untouched in Núcleo Serra Negra



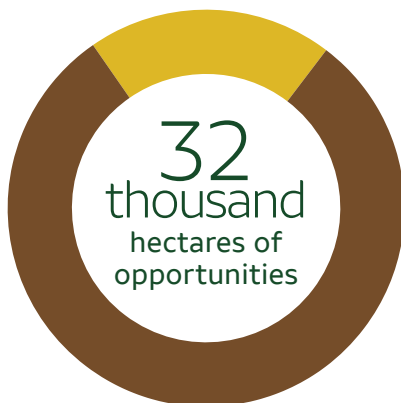
# A conservation strategy for the Cerrado, the second largest Brazilian biome

The Cerrado is home to about 5% of all biodiversity on the planet, 30% of the living beings found in Brazil, eight of the twelve water basins, essential to supply the homes of millions of Brazilians and the national industry.

Even with all this importance, the biome has already lost about half of its original coverage, with deforestation greater than that registered in the Amazon. Currently, only 3% of the biome is protected. The preserved natural areas of the Cerrado represent an opportunity for the sustainable development of the country and the future of the biome.

**The innovative management model guarantees the quality and security of the investment in a rich and conserved Cerrado territory.**

**20%** intended for conventional economies with differentiated production and management integrated with nature.



**80%** of the territory with the Cerrado in high level of conservation, dedicated to businesses of the new economy.

## The Greatness of Legado:

- First Private Cerrado Sustainable Development Reserve in Brazil;
- It is an ecological corridor for the jaguar, an endangered species;
- Almost 1500 plant species already registered, which represents about 12.5% of the entire Cerrado flora in the country;
- Protection of sources of water bodies.

# Positive social and environmental impacts associated with REDD+ Cerrado

We understand that conservation is made possible as the value of the forest is perceived and guaranteed in the long term. Therefore, we aim to promote and contribute to the construction and dissemination of scientific knowledge about the biodiversity of the Cerrado; contribute to the territorial development of Northern Goiás and to the achievement of the Sustainable Development Goals (SDGs) defined by the UN 2030 Agenda.

## Our work and contributions to the SDGs:

- **Sustainable development;**
- **Climate actions;**
- **Biodiversity and natural resources.**

# Sustainable development



Local labor at the Biodiversity Center



Community in Legado Verdes do Cerrado



ACORDA Project - socio-environmental actions in the local community



José Marti Project - socio-environmental actions in the local community

We promote local development, supporting public management and education, generating jobs and income, seeking partnerships with society and other stakeholders through:

- Employment and income generation by hiring local labor for positions in different hierarchies;
- Female participation in the staff;
- Over 50 partnerships made with private initiatives and organized civil society, research and educational institutions;
- Biodiversity Center with production of native plants with a diversity of more than 80 species for reforestation and sustainable landscaping;
- Community engaged in conservation actions through *Portas Abertas Project*.



Partnership with the Fire Department to prevent fires in forest areas

<p><b>1</b></p> <p>no poverty</p> 	<p><b>2</b></p> <p>zero hunger</p> 	<p><b>4</b></p> <p>quality education</p> 	<p><b>5</b></p> <p>gender equality</p> 	<p><b>8</b></p> <p>decent work and economic growth</p> 	<p><b>17</b></p> <p>partnerships for the goals</p> 
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# Climate actions



Agroforestry planting



Agroforestry Area



Scientific research on carbon stock



Study measuring the amount of carbon in roots and soil




Conserved Cerrado area

With 32,000 hectares, 80% of which is Cerrado with a high degree of conservation, Legado Verdes do Cerrado, on its fronts, it contributes directly and indirectly to actions to mitigate climate change:

- More than 100,000 seedlings of native plants donated for reforestation of degraded areas and urban trees;
- Implementation of agroforestry;
- Scientific research project in partnership with nationally recognized universities for measuring carbon in soil and forested areas;
- The Reserve's conserved area stores more than 690,000 tons of carbon.

2  
zero hunger



12  
responsible consumption and production



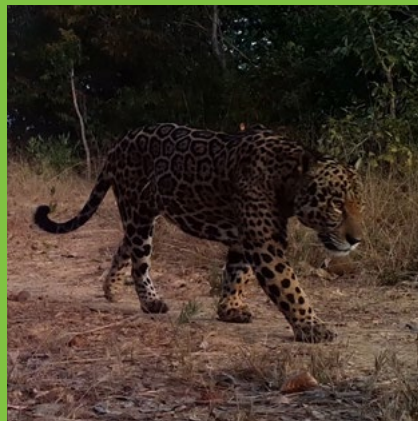
13  
climate action



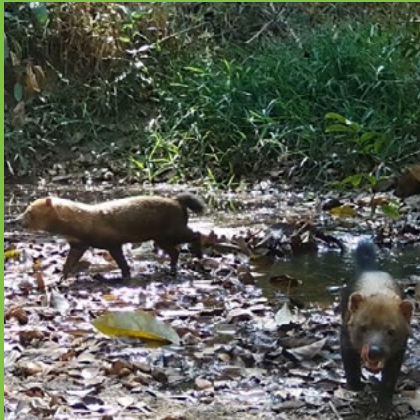
# Biodiversity and natural resources



Biodiversity Center seed bank, which combines scientific research with the production of native plants



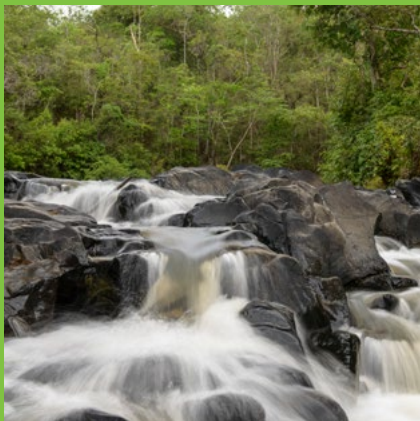
The Reserve is an ecological corridor for endangered species, such as jaguars



Endangered species – *Cachocho Vinagre* (vinegar dog)




Constant monitoring of water bodies in the Reserve, including recovery of springs



Protection of the Traíras River, responsible for supplying more than 40,000 people in the municipality of Niquelândia, GO

Since its creation, Legado Verdes do Cerrado has promoted and contributed to the development of programs and research projects linked to the conservation of Cerrado biodiversity.

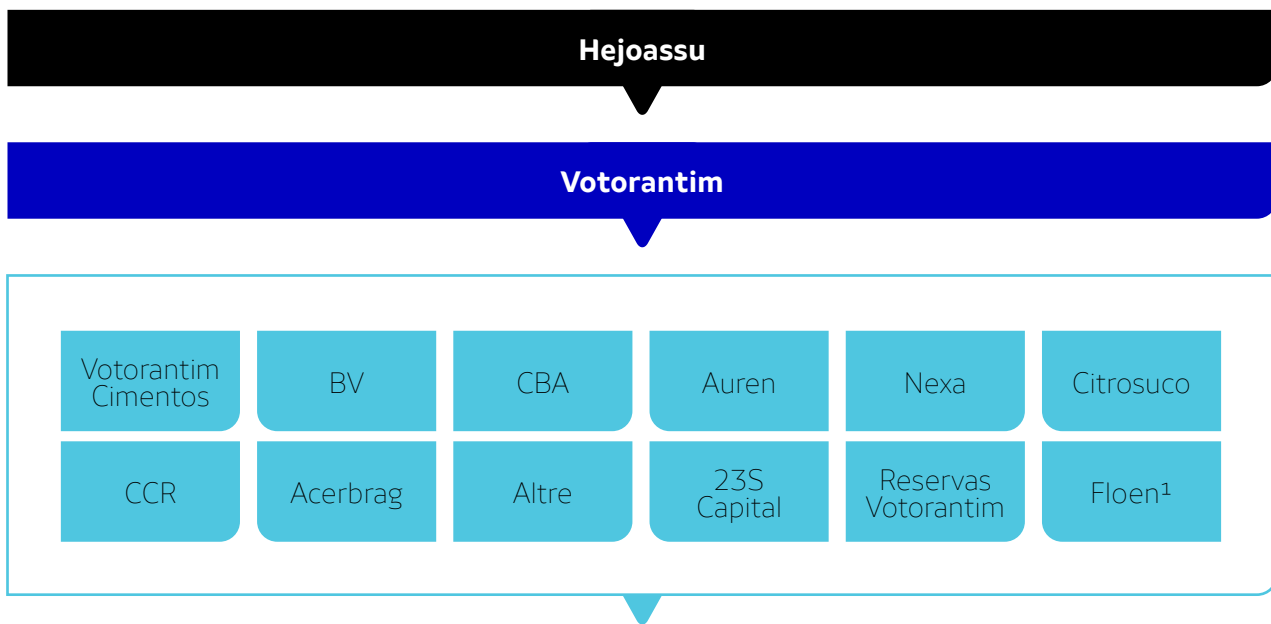
- Constant monitoring of the fauna present in the area;
- Discovery of 28 new plant species;
- Incentive and sponsorship for scientific research on Cerrado biodiversity. Currently, more than 10 studies have already been carried out;
- More than 20 scientific publications on Cerrado biodiversity in partnership with research and educational institutions;
- Largest Cerrado seed bank in the country.
- Protection of three sources, including the river Traíras, one of the most important in northern Goiás.
- Recovery of springs.

6  
clean water  


15  
life on land  


# About Reservas Votorantim

Reservas Votorantim inherits the century-old expertise of Votorantim S.A., integrating the company's business portfolio.



Reservas Votorantim is a portfolio company of Votorantim S.A. specialized in land management and nature-based solutions for traditional and new economy businesses. Since its founding in 2015, it has worked to show the value of standing forests, proving that it is possible to combine conservation with revenue generation through the responsible use of territories, fostering local production chains and generating shared value for the company and society.

In Goiás, it manages one of the largest private areas of conserved Cerrado in the country, the Legado Verdes do Cerrado, with 32 thousand hectares. In São Paulo, it has Pátio Caeté, a distribution center for native plants focused on valuing the Brazilian flora; and manages, in the countryside of the state, the Legado das Águas, the largest private reserve of Atlantic Forest in Brazil, with 31 thousand hectares.

Learn more at: [www.reservasvotorantim.com.br](http://www.reservasvotorantim.com.br)

## About CBA

Since 1955, CBA - Companhia Brasileira de Alumínio operates in an integrated manner, from mining to the final product, including the recycling stage. With the capacity to generate 100% of the energy consumed through renewable sources, CBA provides sustainable solutions for the packaging, transport, automotive, civil construction, energy and consumer goods markets, in addition to being a leader in the recycling of industrial aluminum scrap.

With its IPO in 2021 (CBAV3), it was the first company in the segment to have shares traded on B3 (Brazilian stockmarket) and joined the ISE - *Índice de Sustentabilidade Empresarial* (Corporate Sustainability Index) portfolio - in its first year of eligibility. With net revenue of BRL 8.4 billion in 2021 and adjusted EBITDA of BRL 1.5 billion in the period, CBA is committed to ensuring the supply of low-carbon aluminum in partnership with stakeholders, developing the communities where is inserted and promoting the conservation of biodiversity.

**Learn more at [www.ri.cba.com.br](http://www.ri.cba.com.br)**

## About ECCON

ECCON was founded in 2014 and, since then, it has innovated and strengthened the environmental business and environmental consulting market in Brazil. It develops technology and services for the international community, which provided ECCON with recognition as one of the main initiatives to mitigate climate change in Brazil in 2018.

The company is part of relevant projects for the generation of renewable energy, reforestation and the generation of carbon credits, which places it as one of the main institutions with a positive impact on the environmental sector.

**Learn more at [www.econsa.com.br](http://www.econsa.com.br)**

## About ERA



ERA is a project developer of carbon credits and payments for environmental services (PES), seeking to offer tools that value the standing forest and the ecosystem services of Brazilian biomes.

ERA's strategy seeks to unite rural property owners and companies in all the country's bioregions in favor of a conservationist agenda, catalyzing the voluntary carbon market as an agent of positive socio-environmental transformation.

**Learn more at [www.erabrazil.com](http://www.erabrazil.com)**

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