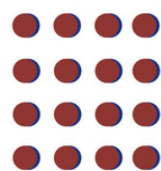


QARLBO

AFFORESTATION & CARBON SEQUESTRATION PROJECT



Managed by:



FORESTAL ATLÁNTICO SUR

Developed by:



ABOUT CARBON PROJECTS

Activities or projects that **sequester CO₂ from the atmosphere or avoid the emission of greenhouse gases (GHG)** into the atmosphere, and this impact allows them to generate carbon credits.

$$1 \text{ ton CO}_2 \text{ eq.} = 1 \text{ carbon credit}$$

that can be traded to offset the emissions of another local or international activity

FORESTRY AS A CARBON SINK

Through photosynthesis, **trees capture CO₂ from the atmosphere** and it becomes part of their biomass. In this way, forests become a large carbon pool. Consequently, afforestation can be used to generate **carbon credits**.



WHAT HAPPENS IN QARLBO PROJECT?

A new carbon pool will be created from forest plantations over degraded grasslands. In addition, the project will implement its Nature-Positive Forest Management Strategy with the specific objective of achieving positive biodiversity outcomes.

Baseline scenario:

Degraded grasslands
due to long history of
extensive livestock grazing



Project:

Forest plantations
for high-quality timber
E. grandis 25-year shifts
With presence of livestock

PROJECT CERTIFICATION PROCESS

The carbon projects developed by Carbosur are submitted to an international registry called Verra, specifically the Verified Carbon Standard (VCS) program. This organization requires compliance with high standards in its projects and the validation/verification process is audited by external companies.



PROJECT FEATURES

 Qarlbo is a **grouped project**, so it has the capacity to expand the project area as new instances (with similar characteristics to the initial ones) are added.

 **Total area (initial):** 445 hectares

 **Project start date:** 2024

 **Location:** Central-Eastern Region of Uruguay
(Cerro Largo and Treinta y Tres)

The first instance of the project will be in 2 farms located in Cerro Largo (La Micaela and Las Cañas).



Estimated benefit of the project:

247,377 tons of CO₂^{eq.}
captured from the atmosphere

Estimated from the average of its carbon contribution in the long term (100 years), and based on the initial area of the project.

This can be defined as the impact of the Qarlbo Project on climate change mitigation.

Forestal Atlántico Sur has a strong social and environmental commitment that is reflected in its practices and relationships with stakeholders, local communities and collaborators.

SOCIAL COMMITMENT

The company promotes positive relationships with stakeholders, good neighborliness, fluid communication, transparency, dialogue, respect for the diverse interests of the communities, cooperation with projects and needs related to the local development of the communities where we interact through various forms of outreach, educational and recreational activities, and prioritizing the hiring of local personnel.



EMPLOYEES AND COLLABORATORS

The project supports its employees in their professional and personal growth.

It is essential for the development of the company to promote teamwork and the personal and professional development of each member, in an environment of respect, non-discrimination, trust, commitment, transparency and ethics.

The project is committed to all laws and regulations that protect its workers and the forestry activity in Uruguay.



FIRE CONTROL AND PREVENTION

The company, together with other forestry companies, is part of the PAIF Group, which bases its operational concept on the early detection of potential forest fires and/or outbreaks; at the same time a dispatch of specialized resources in reduced time, with the objective of minimizing losses.

ENVIRONMENTAL BENEFITS

In the field, environmental assessments and impact studies are conducted by a team of experts.

Based on the results obtained in the studies, management and monitoring plans have been developed for the restoration of natural systems that may have been affected by previous practices such as agriculture, cattle ranching or other activities.



CONSERVATION AND BIODIVERSITY

It is essential to safeguard natural resources and values, the conservation of ecosystem functions, biodiversity and the protection of landscapes, areas and species of particular interest, as well as cultural values.

In this sense, FAS conducts surveys and monitoring of flora and fauna to evaluate the diversity within natural environments throughout the forest cycle.

CERTIFICATIONS

Qarlbo is committed to implementing responsible forest management, looking for a harmony between environmental, social and economic aspects.

The company will implement practices that comply with local laws and regulations, protect biodiversity and forest ecosystems, ensure the health and well-being of workers, promote positive relations with local communities, and generate sustainable economic benefits for the communities and the region.

The implementation of these practices will protect forests and their associated ecosystems for future generations, ensure the availability of forest resources, improve water and air quality, combat climate change and promote sustainable rural development.

In 2023, the Qarlbo Project was submitted for carbon certification to the Verified Carbon Standard (VCS) program, which aims to obtain the necessary financial incentives to carry out the project in a comprehensive manner, achieving the highest standards.

The external audit for the validation of the projects by AENOR began in 2024, and the corresponding visit will take place on a date to be defined during the year 2024. The visit will be duly communicated to the project stakeholders.

CARBON PROJECT SPECIFICATIONS

Name: 'Qarlbo' Afforestation Through High-Quality Timber Over Degraded Grasslands
ID: 4840
Sector: 14 - Agriculture, Forestry and Land Use (AFOLU)
Methodology: AR-ACM0003
Status: In validation process
Average annual removals (tCO₂): 2,474
Program: VCS (Verified Carbon Standard) - Verra
Holder Name: Qarlbo Uruguay S.A.S.

Access all the official project documentation by clicking below:

[Qarlbo Project - VCS](#)



or through the Verra website -> registry.verra.org/app/search/VCS by entering the project name or ID in the search engine.

OCCUPATIONAL HEALTH AND SAFETY

The health, safety and well-being of all employees is addressed through proactive, systematic and effective management based on early and adequate identification, assessment and control of risks.

Ensure that everyone respects and enforces all safety rules, avoiding exposing themselves or their peers to risky situations.



CONTACT INFORMATION

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