

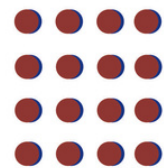
# CARBON SEQUESTRATION PROJECT

## FOR IMPROVED FOREST MANAGEMENT

# LAVARDIN



Managed by:



FORESTAL ATLÁNTICO SUR

Developed by:



### ABOUT CARBON PROJECTS

Activities or projects that **sequester CO<sub>2</sub> from the atmosphere or avoid the emission of greenhouse gases (GHG)** into the atmosphere, and this impact allows them to generate carbon credits.

**1** ton CO<sub>2</sub>eq. = **1** carbon credit  
that can be traded to offset the emissions of another local or international activity

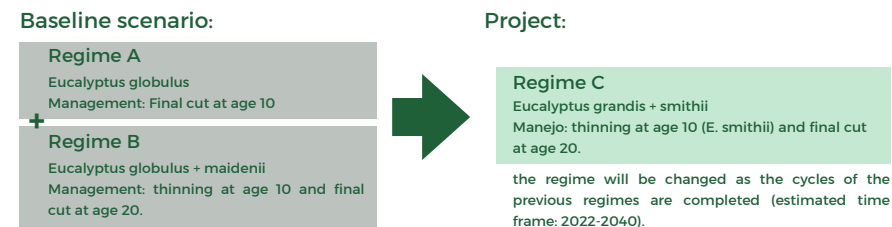
### FORESTRY AS A CARBON SINK

Through photosynthesis, **trees capture CO<sub>2</sub> 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**.



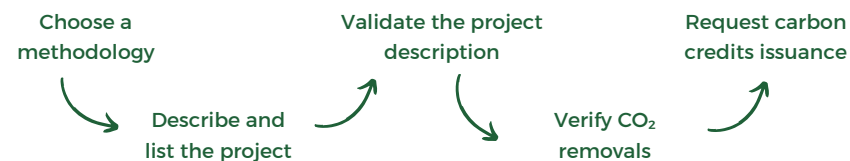
### WHAT HAPPENS IN THE LAVARDIN PROJECT?

The carbon stock of the Lavardin plantations will be increased by improving forest management, by **extending the rotation age** and by proposing an **innovative plantation design** with Eucalyptus grandis and Eucalyptus smithii.



### 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

**Total area:** 14,979 hectares

**Project start date:** 2022

**Location:**  
 The project will be carried out on 52 farms located in Lavalleja (60% of the area), Rocha (22%), Treinta y Tres (9%), Maldonado (7%) and Florida (2%).



**Estimated benefit of the project:**

**1.2 million tons of CO<sub>2</sub> eq.** captured from the atmosphere

Estimated from the average of its carbon contribution in the long term (100 years).

This can be defined as the impact of the Lavardin 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

We promote 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.

### 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.



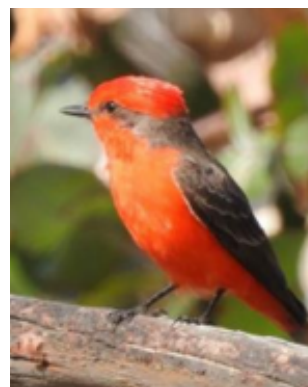
### FIRE CONTROL AND PREVENTION

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

FAS operations and Lavardin's plantations are certified by the Forest Stewardship Council (FSC®). The FSC® is an international forest certification system dedicated to promoting responsible forest management worldwide.

FSC® certification provides a mechanism for companies, organizations and communities to demonstrate their commitment to the FSC® Principles and Criteria for responsible forest management.

The FSC® Principles and Criteria consist of a set of ten principles on how forests should be managed to meet the social, economic, ecological and cultural needs and rights of present generations without compromising those of future generations.

In 2023, the Lavardin 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.

In 2024, the external audit for the validation of the project by AENOR began, and its team will carry out the corresponding visit from February 19 to February 23.

## CARBON PROJECT SPECIFICATIONS

Name: Lavardin Improved Forest Management through the Extension of Rotation Age  
 ID: 4658  
 Sector: 14 - Agriculture, Forestry and Land Use (AFOLU)  
 Methodology: VM0003  
 Status: In validation process  
 Average annual removals (tCO<sub>2</sub>): 12,679  
 Program: VCS (Verified Carbon Standard) - Verra  
 Holder Name: Lavardin S.R.L.

Access all the official project documentation by clicking below:

[Lavardin Project - VCS](#)

or through the Verra website -> [registry.verra.org/app/search/VCS](https://registry.verra.org/app/search/VCS) by entering the project name or ID in the search engine.

## CONTACT INFORMATION

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