

# Forestal Río Aquidabán

SILVOPASTORAL AGROFORESTRY PROJECT

 <p><b>Project type</b> Reforestation Project (removals)</p>	 <p><b>Project area</b> 301 hectares</p>	 <p><b>Carbon removals</b> (verified) 7,151 t CO<sub>2</sub> per year</p>
 <p><b>Project status</b> Active implementation</p>	 <p><b>Validation &amp; Verification Body</b> TÜV Rheinland Energy and Environment GmbH</p>	 <p><b>Crediting period</b> 1999 - 2045</p>
 <p><b>Methodology</b> A/R CDM (UNFCCC)</p>	 <p><b>Registry/ Certification</b> ICR (Project ID: 349; ICROA-endorsed)</p>	 <p><b>Additionality</b> A/R CDM (UNFCCC)</p>

## Project Description

The project **Forestal Río Aquidabán** is located in northeastern Paraguay, which is known for its high rates of deforestation due to the conversion of forest to farmland. Agriculture and cattle farming are more profitable for land owners but decrease the territory's carbon sequestration and biodiversity.

This **silvopastoral agroforestry project** was one of the first of its kind in Paraguay. It combines extensive cattle farming with reforestation to promote **sustainable land use** for nature and farmers.

Combining trees with cattle benefits **nature and people**: trees create a favorable microclimate and improve livestock welfare, while cattle control weeds and fertilize the soil, boosting nutrient cycling and tree growth.

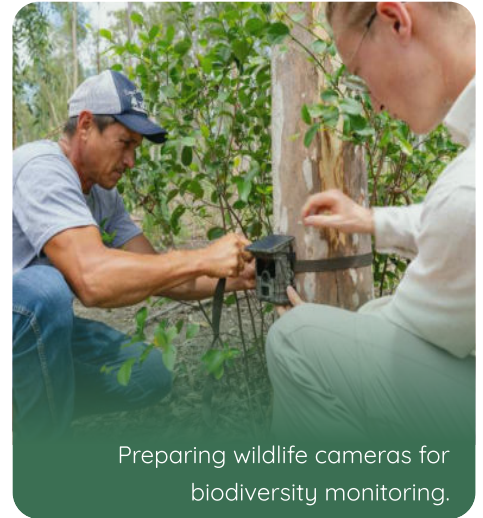
The reforestation with Paraiso (*Melia azedarach*) and Eucalyptus (*Eucalyptus camaldulensis*) and assisted natural regeneration with Macaw-Palm (*Acrocomia aculeata*) stops the further expansion of degraded grassland. Farmers gain **diversified income**, increasing resilience to extreme weather and market fluctuations.



# Biodiversity Monitoring

The project Forestal Río Aquidabán enhances biodiversity in two ways: by reducing pressure on native forests, and by creating habitats for local wildlife, including jaguars, tapirs, coatis and hundreds of bird species. The first-generation forest provides shade and improves soil quality, supporting the growth of natural secondary vegetation, and contributing to the region's long-term ecological sustainability.

We use field measurements, remote sensing, and artificial intelligence to monitor biodiversity. Data from camera traps and microphones are regularly evaluated by our team members in Paraguay, and later analyzed by our partner biometrio.earth.



Preparing wildlife cameras for biodiversity monitoring.

## Certified Contributions to the SDGs



Sustainably managing 301 hectares are as a silvopastoral agroforestry system.



Equipping local members with the skills needed to protect and manage forests effectively.



Extended forest cover increases water-related properties on project area.



Cattle grazing and sustainable forest management provide direct employment opportunities.



Investment, jobs, and training boost development engagement in the host country.



Sequestration of around 204,000 tCO<sub>2</sub> in tree biomass over the lifetime of the project.



Reduced conversion of native areas for agricultural use and creation of habitat for local wildlife.



Mobilising additional financial resources for the project's host country.

## Key Product Specifications

ICR-certified carbon removal credits (ICROA-endorsed)



Permanence guarantee for compensation claim\*



ESG-/CSRD-compliant reporting & communication support\*\*



Access to on-site biodiversity monitoring results (ongoing)



For more information and pricing details, please get in touch using the contact details below.

\*available upon request

\*\*incl. Empowering Consumers Directive

## Contact

Do you have any questions about the project or our company? Scan the QR Code or get in touch with us by email.



Max Rau

COMMERCIAL DIRECTOR

✉ [max.rau@global-woods-international.com](mailto:max.rau@global-woods-international.com)