



Project 3859

Orinoco River Basin Conservation and Reforestation

Columbia

Selected by Carbon Neutral Britain due to the significant carbon sequestration, but also conservation outcomes - this Orinoco River Basin Conservation and Reforestation project is one of the first of its kind within the region, planting over 20,000 hectares of trees, with an audited 214,925 tCO₂e expected to be sequestered each year. Focussing on degraded grassland across the Orinoco river basin, reforestation within the area is expected to assist with conservation and protection of 56 'observed' or 'monitored threatened' species, including the Jaguar, Puma & Tapir.



Carbon Neutral Britain Project 3859 - Orinoco River Basin Conservation and Reforestation - stands as a compelling example of how environmental conservation and socio-economic development can work together for lasting impact.

Previously, much of the forest across the Orinoco basin had been cleared and set on fire to make way for cattle grazing, causing an unnatural shift towards a savannah landscape, leading to the degradation of the local soils, and lack of biodiversity within the region. With the majority of land owners and ranchers moving out of the area, the opportunity for reforestation and wetland conservation was significant.

Via project 3859 - over 20,000 hectares of trees have been planted, with an audited 214,925 (and growing) tCO₂e figure expected to be sequestered each year, funded as a result of verified offsetting purchases.

In addition to the reforestation and afforestation efforts, the project has also developed strategies have to effectively prevent soil erosion and preserve wetland areas, safeguarding vital nutrients and microelements essential for long term ecosystem stability within the region.

With a key focus on conservation - the forest creation and wetland preservation is expected to have a significant positive impact on biodiversity, with the creation of vital shelter and nesting habitats for a range of birdlife and endangered species, including the Puma. Within the waterways, the critically endangered Orinoco crocodile, endangered giant otter, and pink Amazon river dolphin have also been spotted in the project area.



8 DECENT WORK AND ECONOMIC GROWTH



1 NO POVERTY



15 LIFE ON LAND



13 CLIMATE ACTION





The economic benefits of the Orinoco River Basin Conservation and Reforestation project are also significant, with 381 new employment opportunities created as a result of the project, fostering sustainable livelihoods with wages exceeding the local minimum wage standards.

Other social benefits include:

- Integrated capacity building and environmental education programs for local communities, promoting awareness and empowerment.
- Establishment of forest fire brigades/networks, fostering community safety and collaboration.
- Ongoing stakeholder consultation throughout the year, promoting community engagement and collaboration on social, environmental, and climate topics.

Through its afforestation/reforestation, wetland preservation, and sustainable land management strategies, project 3859 is one of the leading carbon offsetting projects in Columbia, actively mitigating greenhouse gases, whilst supporting a wide range of development goals.



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This Project is a Verified Carbon Offsetting Project, selected by Carbon Neutral Britain™, which has undertaken Independent Project Validation and Assurance on quality, outcomes, and performance

As the UK's Leading Carbon Offsetting provider - Carbon Neutral Britain has completed industry leading Independent Project Validation and Assurance for this project, and all projects supported via the Woodland Fund™ portfolio.

Following our mission to provide the Best Value, Biggest Impact, Most Transparency, and Upmost Quality and Assurance of projects supported, validation ensures all projects have a real and lasting impact on Climate Change. This is achieved via three layers of assessment.

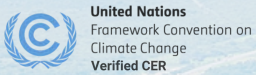
First - this, and all projects utilised must be audited and approved via the United Nations CER, Verra, or Gold Standard Mechanisms. As the three largest, and most regulated carbon offsetting standards in the world - this ensures the measurements, and tonnes of CO2e offset are accurate, and verified by these third parties (with public audits available for each project).

Second - Carbon Neutral Britain selects projects based on the 'secondary' benefits, such as helping to provide education, employment, clean water, energy, or have a positive impact on the local wildlife and ecology (for nature-based projects). Carbon Neutral Britain ensures all projects align with United Nations Sustainable Development Goals - which are listed within this project pack.

Third - all projects are Independently Validated, completing due diligence on the audits completed via the applicable corporate standard.

Above and beyond the requirements of the United Nations CER, Verra, and Gold Standard Mechanisms, Validation Independently Assesses each project, and only AAA Rated Carbon Credit Projects are utilised within the offsetting portfolio's provided by Carbon Neutral Britain. An AAA Project Rating is achieved via successful completion of the 6 steps below.

Credits Issued from one or more of the International Carbon Offsetting standards:



AAA

Rated Carbon Credit Project

1

AUDIT REVIEW - ENHANCED ADDITIONALITY ASSESSMENT

In addition to the additionality assessment completed via the applicable mechanism, enhanced additionality assessments are completed for each project supported.

Enhanced assessment provides further assurance that the offsetting project can only occur as a result of climate finance.

2

AUDIT REVIEW - UNFCCC CRITERIA FOR PROJECT QUALITY

In addition to the audit completed via the applicable mechanism, each project is assessed alongside the IPCC criteria for offsetting project development.

In addition, each project is reviewed alongside the UNFCCC criteria for carbon offset project quality.

3

PROJECT CATEGORY RESTRICTION

Complete assurance over emissions avoidance or capture are required for the highest rating credit.

As a result, projects are selected from a filtered list of project categories, to ensure no REDD or REDD+ (Reducing emissions from deforestation and forest degradation) projects are utilised.

4

SATELLITE, AI AND REMOTE SENSING REVIEW

Independent validation of project development and outcomes are reviewed via satellite, AI, and/or remote sensing - where applicable.

Tree planting and reforestation sites can be remotely tracked and reviewed (alongside surrounding areas), to ensure optimal carbon capture has occurred.

5

DURABILITY AND PERMANENCE ASSESSMENT

Permanence of each project is evaluated to ensure emissions avoidance or capture last for 100 years or more.

Durability is also assessed for direct air capture and enhanced weathering projects, where permanence can be assured for hundreds of years via technological solutions.

6

CONTINUOUS PROJECT MONITORING

The highest credit rating requires continuous monitoring of each project to ensure it will deliver the expected emissions reductions over time.

In addition, continuous monitoring ensures issues and deviations of emissions reporting are addressed throughout the crediting period.