



**VERSA EXPERTOS EN CERTIFICACIÓN S.A.S.**  
**GHG Project Validation Opinion**  
**ORINOCO2 2018-2027**

*Versa Expertos en Certificación S.A.S.* been commissioned by **Fundación Cataruben** to validate the **ORINOCO2** GHG emissions reduction project. The declared **ORINOCO2** project involves the activities developed in Meta and Vichada, Colombia. The **ORINOCO2** project has been developed in accordance with the guidelines of international standards ISO 14064-2:2019, ISO 14064-3:2019 and the specific requirements of the GEI Biocarbon Standard.

*Versa Expertos en Certificación S.A.S.* conducted a review of all the supporting documentation used by **Fundación Cataruben** for the elaboration of the **ORINOCO2** project and made a field visit together with by **Fundación Cataruben**, where through interviews and review of primary information sources, it confirmed the organizational and reporting limits, activity data, emission factors and global warming potentials used; as well as the methodological assumptions and exclusions made.

*Versa Expertos en Certificación S.A.S.* established the objectives, scope and validation criteria in the commercial proposal and legal agreement VERSA-P-0179 and in the approved audit plan for the validation of the Project **ORINOCO2**. The objectives, scope and validation criteria are described below:

#### *Objective*

The Validation process consists of the evaluation by *Versa Expertos en Certificación S.A.S* of the project design document and/or monitoring reports in accordance with the guidelines of the ISO 14064-2:2019 standard, the guidelines of the selected GHG program, the methodologies used and the legislation of the country where the project is developed.

#### *Scope*

Validate and verify the project activities, its PDD, its monitoring plan, its GHG sources, sinks and/or deposits, its GHG emissions reduction quantification period, its baseline scenario, its requirements management processes legal and information, guidelines and methodological documents Biocarbon Standard. **Sectoral scope:** AFOLU; REDD+ and Activities that avoid land use change of natural savannahs.

#### *Criteria*

- ISO 14064-2:2019 - Specification with project-level guidance for quantification, monitoring and reporting of greenhouse gas (GHG) emission reduction activities and enhancement of GHG removals.
- ISO 14064-3:2019 - Specification with guidance for the validation and verification of greenhouse gas (GHG) declarations.
- Tool for demonstrating compliance with REDD+ safeguards, version 1.1, January 26, 2023.
- Sustainable Development Safeguards (SDSs), version 1.0, april, 2024
- Tool for determining contributions to meeting the Sustainable Development Goals (SDGs), version 2.0, March 1, 2022.
- Avoid Double Accounting (ADC) Tool, version 1.0, March 9, 2023.
- Monitoring, Reporting and Verification (MRV) Tool, version 1.0, February 13, 2023.
- Permanence and Risk Management Tool, version 1.0, March 7, 2023.
- Additionality and Baseline Tool, version 1.3, March 1, 2024.
- Greenhouse Gas Project Validation and Verification Manual, version 2.4, January 9, 2024.



## GHG Project Validation Opinion

FOR-132-P

Effective date: 2023-03-31  
Version:02

*Versa Expertos en Certificación S.A.S.* ensures that the data and information supporting the GHG statement are projected in nature. Validation activities have been configured in such a way that they offer a high, but not absolute, level of assurance.

*Versa Expertos en Certificación S.A.S.* identified that, according to the review of the evidence provided by **Fundación Cataruben** and during the field visit, from the beginning of the initiative the **ORINOCO2** project has generated contributions to the Sustainable Development Goals (SDGs 6,13 and 15 defined by the project) applicable for the components (*Quantification of GHG Emission Reductions*) according to the relevant criteria and indicators.

*Versa Expertos en Certificación S.A.S.* validated that the project presents the procedures related to the monitoring of co-benefits for the special categories *Wax Palm*, described in the "*BioCarbon\_joint Validation and verification Report*". These co-benefits are listed below:

- ▼ Biodiversity
- ▼ Community
- ▼ Gender equity

*Versa Expertos en Certificación S.A.S.* based on the results of the activities developed, it declares for all intended users that the **ORINOCO2** project of **Fundación Cataruben** in 2024 complies with the principles established by ISO 14064-2:2019, ISO 14064-3:2019 and the GHG Biocarbon Standard program are within the level of material assurance and importance and is free from material errors. This statement is addressed to Biocarbon Standard and other interested parties and is issued.

Project Document Format ( DoP ) (Version 2.4)	
Project's name	<b>ORINOCO2</b>
Project proponent	Fundación Cataruben
Project proponent contact information	Maria Fernanda Wilches Fonseca, General Manager Email: orinoco2@cataruben.org ; gerencia@cataruben.org Address: Carrera 20 # 36-04, Yopal-Casanare, Colombia. Tel.: +57 3102137763 / +57 3204998729
Project owner	Fundación Cataruben



**Project Document Format ( DoP )**

**(Version 2.4)**

<b>Project Owner Contact Information</b>	Maria Fernanda Wilches Fonseca, General Manager Email: orinoco2@cataruben.org ; gerencia@cataruben.org Address: Carrera 20 # 36-04, Yopal-Casanare, Colombia. Tel.: +57 3102137763 / +57 3204998729
<b>Project participants</b>	Multiple owners of private properties in the departments of META and VICHADA.
<b>Version</b>	2.6
<b>Date</b>	December 09th, 2024
<b>Project Type</b>	Agriculture, Forestry and Other Land Uses (AFOLU)
<b>Grouped project</b>	Yes
<b>Applied methodology</b>	BCR0002 Methodology: Quantification of GHG Emission Reductions in REDD+ Projects, version 4.0, May 2022 of Biocarbon Standard. BCR0005 Methodology: Quantification of GHG Emissions Reduction. Activities that prevent Land Use Change in Natural Savannas, version 1.0, February 2023 of Biocarbon Standard.



Project Document Format ( DoP ) (Version 2.4)	
<b>Project location (City, Country)</b>	Meta: Puerto Gaitán, Puerto López; San Martín; Mapiripán. and Vichada: Puerto Carreño, La Primavera, Santa Rosalía, Cumaribo Colombia, Orinoquia region.
<b>Start date</b>	October 1, 2018
<b>GHG reductions quantification period</b>	Scheduled period for quantification of GHG emission reductions/removals. 01/10/2018 a 31/12/2027
<b>Estimated total and average annual amount of GHG emissions reduction</b>	<b>Total amount of GHG emissions reductions/removals (01/10/2018 a 31/12/2027).</b> <b>REDD+ Activities:</b> 803.164 tCO <sub>2</sub> e <b>Natural savanna:</b> 668.414 tCO <sub>2</sub> e  <b>Estimated average annual quantity of GHG emission reductions/removals (01/10/2018 a 31/12/2027).</b> <b>REDD+ Activities:</b> 86,829 tCO <sub>2</sub> e/año <b>Natural savanna:</b> 72,261 tCO <sub>2</sub> e/año
<b>Sustainable Development Goals</b>	SDG 6 Clean water and sanitation SDG 13: Climate Action SDG 15: Life on terrestrial ecosystems

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<b>Project Document Format ( DoP )</b> <b>(Version 2.4)</b>	
<b>Special category, related to co-benefits</b>	<i>Wax Palm</i>

Report No.: GEI-P-238  
Level of assurance: 95%  
Legal Agreement No.: VERSA-P-0179  
Material discrepancy: 5%  
Date of issue: December 14th, 2024

Director General  
**Versa Expertos en Certificación S.A.S**



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