

PRODUCTION FACILITY AND OUTPUT AUDIT STATEMENT- 2025

Earthood Services Limited has gathered sufficient evidence to conclude that the production facility and output audit of “Carbonsate Namibia 1” meets the requirements outlined in the Puro Standard General Rules Version 4.1. It has been confirmed that the Puro Methodology for Terrestrial Storage of Biomass 2023, version 1.0 has been correctly applied for CO₂ removal calculation.

Technology & Company Information		
CO ₂ Removal Supplier & Facility Operator	Production Facility Location	CO ₂ Removal Method
Carbonsate UG (haftungsbeschränkt)	Yakandonga Farm, Otjiwarongo C33, Namibia	Terrestrial storage of biomass

Earthood affirms that the organization has the appropriate equipment, procedures, and protocols in place and documentation to quantify CO₂ removal through the terrestrial storage of biomass via storage site design principles, robust monitoring system for storage conditions, risk management plan and appropriate lifecycle analysis in accordance with the requirements of the puro. Earth General Rules and TSB methodology. Eligibility criteria are verified as follows:

Eligibility Criteria		
Criteria	Verified Eligibility Status	Rationale
General eligibility and sustainability	Eligible	<ul style="list-style-type: none"> i. Forest licenses for harvesting issued to Endelea farming by the Ministry of Environment, Forestry Tourism, valid from 20/12/2024 – 20/06/2025 ii. Biomass storage design chamber report iii. Report on measures and design principles implemented in the storage

		<ul style="list-style-type: none"> iv. chamber to inhibit biomass decomposition iv. Laboratory analysis of biomass - Eurofins Umelt Ost GmbH
Storage site design	Eligible	<ul style="list-style-type: none"> i. Storage chamber technical diagram ii. Storage chamber design report iii. Report on measures and design principles implemented in the storage chamber to inhibit biomass decomposition iv. Publicly available peer reviewed literature on HDPE membranes v. Monitoring system installation photographic evidence vi. Report on monitoring plan for storage site vii. Site flux measurement/ sensor data analysis viii. Report on fire risk management measures
Storage site monitoring	Eligible	<ul style="list-style-type: none"> i. Monitoring plan and MRV Protocol ii. Monitoring system installation photographic evidence

		<ul style="list-style-type: none"> iii. report on monitoring plan for storage site iv. the flux measurement data v. technical specifications of the components of the sensor system
Property management and liabilities	Eligible	<ul style="list-style-type: none"> i. Proof of ownership of Yakandonga farm with Endelela CC ii. Authorization of land use between Endelela CC, Carbonsate UG and Hecla Consulting iii. Permanence liability assessment report iv. Framework for funding
Additionality	Eligible	<ul style="list-style-type: none"> i. Baseline and Additionality questionnaire ii. simple cost analysis sheet
Prevention of double counting	Eligible	<ul style="list-style-type: none"> i. Declaration of no double counting
Environmental safeguards	Eligible	<ul style="list-style-type: none"> i. Forest license for harvesting with a commitment to following all relevant regulations in Namibia by the Ministry of Environment, Forestry and

		<p>Tourism, Directorate of Forestry, Private Bag 13306, Windhoek</p> <p>ii. Environmental Impact Assessment report</p> <p>iii. Tripartite signed statement of Occupational Health and Safety Compliance</p> <p>iv. Incident report documenting accidents, incidents complaints and grievances</p> <p>v. Safety protocol training attendance</p>
Social safeguards	Eligible	<p>i. Puro Environmental and Social Safeguards Questionnaire</p> <p>ii. Puro Stakeholder Engagement Report</p> <p>iii. Grievance register</p> <p>iv. Grievance reporting forms</p> <p>v. tripartite signed statement of Occupational Health and Safety Compliance</p> <p>vi. Incident report documenting accidents, incidents</p>



		<ul style="list-style-type: none"> vii. complaints and grievances Protective equipment protocol and training attendance viii. Safety protocol training attendance
Assessment of life cycle greenhouse gas emissions	Eligible	<ul style="list-style-type: none"> i. LCA calculation ii. LCA report iii. Ecoinvent database iv. Third party LCA verification report
Management of re-emission risks	Eligible	<ul style="list-style-type: none"> i. Risk management plan in line with the methodology
Overall eligibility	ELIGIBLE	
Total Verified CORCs	799.37 CORCs	

Earthood Services Limited confirms the production facility’s capability to effectively remove CO₂ and the requirements of the Production facility and Output audit are met as per the Puro Standard General Rules version 4.1 and the Puro Methodology for Terrestrial Storage of Biomass 2023, version 1.0

AUDIT TEAM	
Validation & Verification Body	Earthood Services Limited
Lead Validator	Mehr Munjal
Validator	Mehr Munjal
Technical Reviewer	Deepika Mahala
Report ID	PE.JVV.25.011(7)

Dated: 01/12/2025



Auditor, Mehr Munjal



Reviewer, Deepika Mahala



Approver, Dr. Kaviraj Singh