

Amsterdam, 20-05-2025

To whom it may concern,

We hereby confirm that on 20/05/2025, a total of **134** Carbon Removal Certificates (hereafter units) were issued to **Jochem van der Lugt - Lubox BV.**, *Sluisendijk 8, 3274 BM Heinenoord, Netherlands*; hereby identified by us with project identification number: **BBLL023**. Out of these units 20% are kept in a holding pool for risk mitigation purposes. The characteristics of the units can be found on the attached Data Validation Statement (Annex I).

All transactions (purchase / sale) of the units must be recorded in the Oncra Ledger at all times. Therefore, the purchase/sale of these units must be reported to Oncra in written form which needs to be confirmed to be legally acceptable.

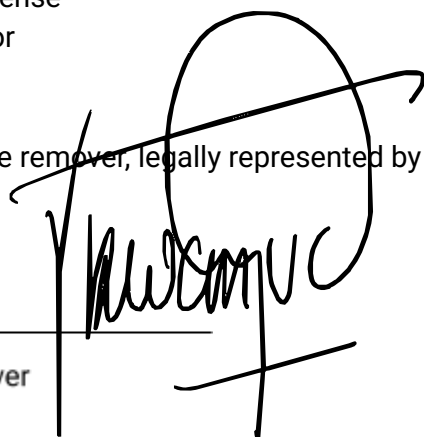
The applicable Oncra Guidelines at the time of issuance of these units can be found in the version dated February 2025. In case of questions regarding the provided units, please contact us at the contact details below.

For Oncra, legally represented by Climate Cleanup Foundation,

Sven Jense
Director

And the remover, legally represented by **Jochem van der Lugt**,

Remover





Annex I. Project Validation Certificate

This Validation Certificate proves that Remover has provided Oncra with the necessary information to obtain reasonable assurance about the accuracy of its actual carbon removal.

Certification code	BBLL023
Remover / operator	Jochem van der Lugt - contracted by Bamboologic
Oncra Approved Project Name	Bamboo - Jochem van der Lugt
Type of Activity / Removal practice	Bamboo forest
Location	Heinenoord, Netherlands
Technology Readiness Level (TRL)	9 (Implementation)
Methodology	ONCRA Land Stored Carbon Protocol
Project duration	20 years: 2024 - 2044
Expected storage duration	20 years
Initial crediting period	12 years
Surface area	1.5 ha
In project scope / boundary	Total Ecosystem Carbon stock (TEC)
Out of scope	Harvest / construction stored carbon (CSC)
Potential net CO ₂ removal	224 tCO₂e
Potential net CO ₂ removal 1st 12 years	134 tCO₂e
Holding pool, excluded in potential	20%
Units transferred to holding pool	27
Potential units issued	107
Certificate ids	BBLL023-0.001 – BBLL023-0.107
Data repository	<u>https://oncra.org/bbll023/</u>
Final legal ownership	Lubox BV
Date of approval and issuance	20/05/2025
Validator	Hajna Julia Tijssen



Annex I. Project Validation Certificate

Empirical crediting base

This document summarises the projection model and outcomes following Oncra empirical crediting principles. These principles state a strict application of a measuring, verification and reporting (MRV) process to test the model pathways against real world data points from actual measurements, and are based on the Oncra Guidelines as effective at time of issuance at <https://oncra.org/guidelines/>.

Scope

In scope are Above Ground (AGB), Below Ground and Soil Organic Carbon (SOC), following CDM AR-ACM0003. Out of the current scope of this statement are storage in produce and construction materials, as well as related avoided emissions due to displacement. Project boundaries follow the Land Stored Carbon protocol, and a fixed 20% project emissions margin has been derived from an LCA estimate which includes fertiliser, irrigation, other farming practices and project management. The project timeline is set at 20 years, with potential units issued for the first 12 years.

General description

Lubox BV, represented by the final owner Jochem van der Lugt, is setting up a 1.5 hectare Bamboo system in Heinenoord, The Netherlands. The project includes the increase in carbon storage in the ecosystem (Total Ecosystem Carbon, or TEC), compared to the baseline TEC. As it grows, the bamboo system can increase the amount of carbon sequestered in the soil. In addition, carbon is stored in biomass that grows below-ground (the roots) and in the above-ground growing biomass (e.g. in woody material).

As a reference system, full-grown bamboo systems from references (King et al., 2021; Yuen et al., 2017) were used for the AGB data. For above ground biomass, the ESA Sentinel dataset was used from 2010-2020 for the baseline AGB data. For the SOC a baseline measurement was taken, and as a very high OM value was found, this measurement was also used for the reference value.

Double counting and Additionality

As bamboo systems are not currently in the national climate policies (NDC's) for the Netherlands, and no government afforestation plans are known at time of analysis, additionality is likely and double counting is unlikely. Furthermore, the carbon stored on the land previous to the start of the project has been included in the baseline.

Permanence

The remover has declared a minimum duty of care of 20 years. The remover does not intend to sell the land and will keep regenerating the land over this period. If the remover does have to sell the land due to unforeseen circumstances, they would search for people that would



continue the project. Additionally, given expected policy developments due to climate impacts, a carbon storage timespan of 100 years is estimated with reasonable assurance.

Diversity provision

The bamboo system increases the diversity of the field, as before this was used as a grassland. For these reasons, no extra diversity holding pool has been established.

Risk mitigation

Oncra and remover agree on this assessment, as well as on the provisions to take if measurements do not align with the trend of these model projections. These provisions include a 20% holding pool.

Leakage

No significant leakage is expected from the project.