



SWISSX

Carbon Union
Exchange

FIRST ALTADENA ISSUE

Sovereign Carbon Asset & Import Certificate Deck

Certificate ID: SXCI-ALT-0001 | Holder: Green Altadena Inc. |
XRPL-ready

Verified feedstock reserve, registry-controlled accounting, laboratory-backed composition, EU carbon market indexing, subsidy alignment, and wallet-linked tokenization in one integrated issuance deck.

10,500 MT	Verified 2025 sargassum feedstock
1.75 tCO₂e	Initial Altadena certificate allocation
\$3.15M	Reserve value at \$300 / ton
18,000 MT	Projected next seasonal feedstock

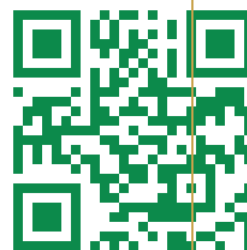
Certificate Summary

First issuance under the SwissX Verified Carbon Reserve System.

Certificate ID	SXCI-ALT-0001
Holder / Consignee	Green Altadena Inc., Altadena, California, USA
Instrument Type	SwissX Carbon Indexed Environmental Asset Note (CEAN)
Carbon Allocation	1.75 tCO ₂ e
Material	High-temperature carbonized biochar derived from sargassum biomass
Origin	Jumby Bay, Antigua & Barbuda
Feedstock Base	10,500 metric tons aged sargassum reserve, 2025 cycle
Registry	SwissX Carbon Union Registry / Exchange
Wallet Gateway	wallet.swissx.com

Bearer / wallet hybrid ownership model.

This issue is structured to allow physical certificate custody, registry tracking, and wallet-linked token binding. A wallet-side token ID, contract reference, and registry hash may be appended at final execution.



Validation, Registry, and Trust Stack

1. Origin & Collection Authority	Farmers Antigua Trust (FAT.ag) records and verifies biomass origin, volume, and collection cycle for the underlying sargassum reserve.
2. Registry & Asset Accounting	SwissX Carbon Union Registry logs biomass intake, processing batches, carbon allocation, and associated token issuance.
3. Validation Layer	Government of Antigua & Barbuda acknowledgment through the Ministry of Agriculture, with laboratory testing and composition confirmation by Dunbars Laboratory / Department of Analytical Services.

Validation statement: The underlying biomass reserve comprising 10,500 metric tons of sargassum has been verified by Farmers Antigua Trust (FAT.ag) and formally recorded within the SwissX Carbon Union Registry. The resulting soil amendment material has been acknowledged by the Ministry of Agriculture, Antigua & Barbuda, and independently tested by Dunbars Laboratory, confirming composition and suitability for regenerative soil application. All records are auditable upon request through the SwissX Carbon Union Registry.

Dunbars Laboratory Snapshot (Report SWX001)

E. coli	<20 (ND)
Salmonella	Absent
pH	7.39
Organic Matter	39.92%
Moisture	3.61%
Potassium	30,000 mg/kg
Nitrate-Nitrogen	278.6 mg/kg
Phosphate	56.50 mg/kg

Feedstock, Process, and Biological Stack

Main Feedstock	Aged sargassum biomass from Jumby Bay, Antigua; 10,500 metric tons reserve in 2025, with approx. 18,000 metric tons projected next season.
Fermentation Pit Inputs	Molasses and brown sugar are added before cooking to activate microbial breakdown and nutrient stabilization.
Microbial Layer	Coconut sugar vinegar microbial mix for biological inoculation and living soil enhancement.
Carbonization	SwissX Gloria Oven high-heat process, producing approx. 80% fixed carbon.
Enhancement Layer	Neem oil and rescued farm animal manure sourced from Rastaland Animal Sanctuary.

Functional outcomes: long-term carbon sequestration, enhanced microbial soil life, improved nutrient cycling, increased water retention capacity, and natural pest suppression through neem-derived compounds.

Economics and Value Stack

Reserve Value \$3.15M 2025 reserve at \$300 / ton	Next Season Projection \$5.4M 18,000 tons projected feedstock	EU Carbon Indexed Value EUR 105-175 For the first 1.75 tCO2e issue
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Layer	Description	Indicative Value
Commodity	Premium SwissX regenerative soil amendment	\$900 - \$1,500 / deployment
Shipping	Antigua to Los Angeles / Altadena	\$400 - \$900 sea \$1,500 - \$3,000 air
Carbon	EU ETS indexed valuation reference	EUR 105 - 175 for this issue
Subsidy	USDA / FEMA aligned deployment economics	50% - 100% cost offset potential
Token	XRPL settlement + trade layer	Open upside

Subsidy Alignment, Global Pathways, and Token Layer

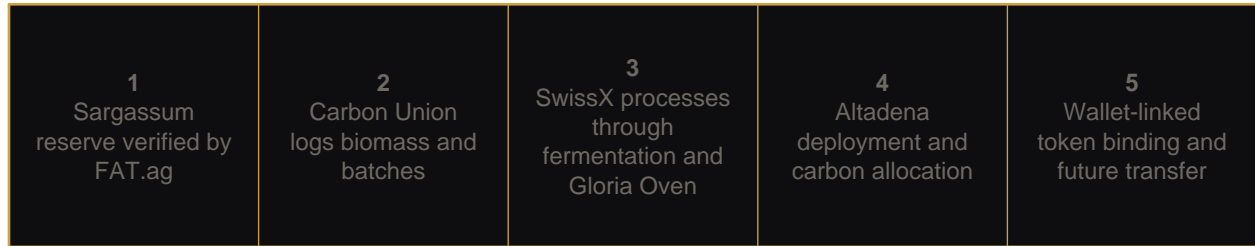
United States USDA NRCS soil health pathways and FEMA disaster soil stabilization alignment for restoration deployments.	Europe Indexed to EU ETS pricing references; framed for future CRCF / verification pathways.	Asia-Pacific Article 6, JCM, and Singapore-oriented carbon market compatibility in future conversion pathways.
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Token Layer

XRPL Currency Code	SWXCARBON
Type	Issued Asset / Trustline Token
Settlement	XRP Ledger
Binding	Pending final wallet / contract execution
Ownership	Bearer or wallet-controlled

Token note: this issue is structured as a private, registry-backed environmental asset linked to a digital settlement layer. It is not an EUA allowance and becomes a compliance carbon credit only if independently verified under an external standard.

System Flow and Issuance Logic



SWISSX FIRST ISSUE - ALTADENA

This inaugural certificate demonstrates the full SwissX stack: reserve-backed feedstock, auditable registry controls, sovereign acknowledgment, laboratory-backed composition, market-indexed carbon value, subsidy alignment, and wallet-ready tokenization.

Prepared as an all-in-one deck for certificate issuance, investor presentation, regulatory positioning, and token execution support.