



THE INSTITUTIONAL OPPORTUNITY · IN-SITU CARBON PRESERVATION

Markets learned to finance extraction. *They have not yet learned to finance preservation.*

Until now. **MetWAVE Carbon Trust** has built — and independently validated — the first institutional framework for converting unmined, embedded carbon into high-integrity, ISO 14064-2 carbon credits. A reserve that would have generated **4.43 million tCO₂e** of avoided emissions is now under legal preservation, satellite monitoring, custodial governance, and registry-grade serialization.

- 01 A category gap.** Existing carbon markets credit emissions reduced *after* combustion. MetWAVE credits emissions prevented *before* extraction — a scalable supply class with no incumbent.
- 02 Verified, not aspirational.** Bureau Veritas Certification confirms the methodology is technically sound, transparent, conservative, and free from material misstatement under ISO 14064-2:2019.
- 03 Institutional rails.** Registry of record: Northern Trust. Custody and escrow, multi-signature governance, ~20% buffer pool, crosswalk-ready for UNFCCC Article 6, EU ETS, India CCTS, Canada OBPS.

4.43M tCO ₂ e 10-YEAR CREDITING	443,223 /yr ANNUAL ISSUANCE	1,894,300 mt ALLOCATED RESERVE	20% BUFFER POOL
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“The GHG quantification methodology is technically sound, transparent, and conservative; the reported emission reductions are calculated in accordance with ISO 14064-2:2019; the assertion is reasonable and free from material misstatement.”

— BUREAU VERITAS CERTIFICATION, VERIFICATION STATEMENT (USA-VER/01/2026)

What is on offer — and what we are asking.

For institutional credit buyers	A defined, independently validated supply of 443,223 tCO₂e per year for 10 years . Reservations are being arranged in tranches under the NTCR onboarding pathway.
For strategic / institutional partners	A first operational implementation of preservation finance, designed for replication. We are engaging registries, validators, custodial institutions, and capital partners.
What we are asking	A 30-minute call. We will share the Bureau Veritas verification report, PDD v1.1, V&V findings, and institutional deck — then discuss reservation, partnership, or onboarding specifically.



WHAT METWAVE HAS BUILT · THE STEWARDSHIP STACK

A stewardship stack, not a single credit.

The MetWave Preservation Stewardship Framework translates preservation finance from a conceptual objective into an operationally governed environmental management system. Six interconnected components form the *stewardship stack* — designed so each layer reinforces the others.

01 Resource Identification & Allocation

Bounded, allocated reserve volumes — not regional estimates. Crediting tied to 1,894,300 mt of metallurgical coal under documented stewardship at Wimberly Branch.

02 Legal Preservation Controls

Non-extraction covenant under Alabama law. Formal separation of carbon rights from mineral rights. Project in regulatory surplus under SMCRA.

03 Satellite MRV (Sentinel-2 + Sentinel-1)

Quarterly disturbance detection — NDVI, BSI, SAR persistence-filtered with cross-sensor validation. Run-Log discipline, 7-year retention, ISO/VCS/ICR-aligned.

04 Independent Validation

Bureau Veritas Certification under ISO 14064-2:2019 and ISO 14064-3:2019. Additionality demonstrated under CDM Tool 27 v11.0 and EB 62 Annex 05.

05 Governance & Custody

Custody and escrow with Northern Trust. Multi-signature approvals for any extraction-status action. ~20% buffer pool against reversal risk. 2% leakage deduction applied.

06 Registry-Based Asset Management

Northern Trust Carbon Registry (NTRC) onboarding in progress. Serialization, transparent reporting, double-counting mitigation, blockchain-hashed monitoring data.

If avoided combustion can generate verifiable carbon value at the smokestack, avoided extraction can generate it at the geological layer — under the same standard, with the same rigor. That is the entire thesis of preservation finance, and it is now operational.

DIRECT LINES

Yours, with conviction,

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