

Carbon Management Platform

CHALLENGE

Sustainability is no longer about “looking green” – it is about measurable impact, compliance, and business value. As pressure grows to meet climate commitments, organisations face several structural challenges:

- **Fragmented sustainability tools**
Emissions measurement, reporting, offsetting, and carbon credit trading are typically handled by separate providers, increasing cost and complexity.
- **Risk of greenwashing**
Lack of transparency and verifiable data undermines trust with regulators, investors, and customers.
- **Limited business value**
Most solutions stop at reporting, failing to turn sustainability into a strategic or revenue-generating asset.
- **Regulatory pressure**
Frameworks such as CSRD, CBAM, and ESRS require accurate, auditable, and standardised carbon data across Scope 1, 2, and 3.

SOLUTION

The Carbon Management Platform is an end-to-end, blockchain-enabled sustainability ecosystem that integrates:

- Carbon footprint measurement across Scopes 1, 2, and 3, with automated calculators.
- A blockchain registry ensuring transparency, traceability, and auditability.
- Carbon credit lifecycle management, from project ideation and certification to issuance.
- Compliance-ready reporting.
- An integrated marketplace to buy, sell, and trade verified carbon credits.
- A white-label, modular architecture, allowing partners to launch branded platforms quickly without building the technology from scratch.

BRINGING OFFER & DEMAND TOGETHER



BENEFITS



For Platform Owners & Partners

- Launch new sustainability-driven digital services under their own brand
- Create new revenue streams through subscriptions, transaction fees, and marketplace activity
- Accelerate speed-to-market with a turnkey, compliance-ready solution



For Project Promoters & Market Participants

- Simplified end-to-end carbon project management
- Enable trust and liquidity through transparent, verifiable carbon credits issuance and verification process
- Direct access to corporate demand through a trusted marketplace



For Corporate Clients

- One-stop shop for measurement, compliance, and action
- Audit-proof, blockchain-backed data that reduces greenwashing risk
- Turn sustainability from a reporting burden into operational insight and strategic decision-making