Vectorium (VECT)

Whitepaper .25 Edition

A New Era for Decentralized Carbon Credits

1. Executive Summary

Vectorium (VECT) is reborn through the .25 project as a cutting-edge infrastructure for the tokenization, validation, exchange, and institutional compensation of Carbon Credits using blockchain technology. Its mission: to empower every actor – from large organizations to individual citizens – to transform traditional, paper-based carbon credits into a fully traceable and tradeable digital asset known as the Carbon Fungible Token (CFT).

VECT is not just a cryptocurrency. It is the core asset of an ecosystem that enables trustless, verifiable, and scalable climate action for the next generation.

2. Vision & Mission

Vision

To make Vectorium the leading decentralized blockchain protocol for the digitalization and compensation of Carbon Credits, enabling mass adoption of green finance.

Mission

- Transform physical carbon credits into digital Carbon Fungible Tokens (CFTs)
- Establish a Carbon Marketplace for verified and fractionalized offsets
- Guarantee compliance, traceability, and compensation by 2030
- Create a decentralized protocol that interacts with UN-level frameworks

3. The Problem

Traditional carbon credit systems are:

- Paper-based and slow
- Opaque and easily manipulated
- Reserved for institutional players
- Unsuitable for small producers and individuals
- Prone to greenwashing and double-counting

4. Our Solution - From Carbon Credit to Carbon Fungible Token (CFT)

Vectorium introduces a transformative process:

- Any actor (institution, SME, farmer, NGO, even a private citizen) holding valid carbon credits can tokenize them via the CFT Protocol

- These credits become Carbon Fungible Tokens (CFTs) – a new class of on-chain tokens that represent real-world carbon offset units, fully verified and uniquely linked to their source
- To initiate the transformation, the credit holder must hold at least 500 VECT tokens (Solana token: J7gr5uPExeRmTc6GdVNyXj4zmYdXmYLYFC5TkkDngm4x)
- These tokens are staked into the CFT Pool, acting as an access mechanism and validation guarantee

CFTs: A New Standard

CFTs are:

- NFT-based (non-fungible) in metadata and issuance
- Fungible in trading and liquidity
- Backed by on-chain proofs and real carbon capture data
- Equipped with expiration dates (e.g. 15 Dec 2029)

5. Lifecycle and Final Compensation Mechanism

All CFTs will be:

- Tradeable within the Vectorium Carbon Marketplace
- Tradable on selected DEXs and CEXs
- Traceable through smart contracts and metadata

At the end of their lifecycle – by 2030 – Vectorium will act as an institutional terminator and compensator, certifying the retirement of each CFT and confirming its environmental impact

to recognized global standards, including:

- UN Carbon Mechanism standards
- ISO 14064/67
- ESG and GHG Protocol alignment

This final burn-and-compensate step guarantees that each token corresponds to real, irreversible climate impact.

6. Tokenomics (VECT)

Allocation	% of Supply	Vesting Schedule
Public Sale	15 %	Immediate or linear vesting
Private Investors	10 %	6â€"12 month cliff, then vest
Foundation & Ecosystem	20 %	3-year linear vesting
Team & Advisors	15 %	12-month cliff, then linear
Carbon Projects Staking	20 %	Performance-based issuance
Liquidity & Listings	10 %	Strategic release
Marketing & Rewards	10 %	As per roadmap milestones

- Total Supply: 1,000,000,000 VECT
- Blockchain: Solana
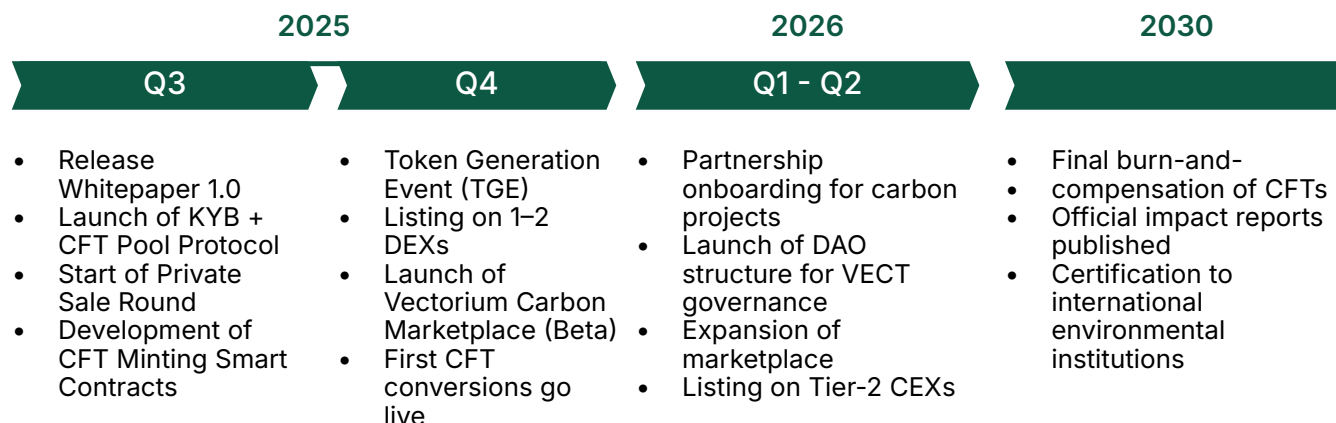- Initial Circulating Supply at TGE: ~100M

7. Use of Funds

- 35% – Blockchain & Protocol Development
- 25% – Carbon Credit Acquisition & Onboarding
- 15% – Exchange Listings & Awareness
- 10% – Legal & Compliance (UN/ESG-ready)
- 10% – Operations & Core Team
- 5% – Reserve Fund

8. Technology Stack

- Smart Contracts: For staking, verification, and conversion
- CFT Engine: A hybrid minting system for transforming carbon credits into CFTs
- Oracles: Connect to environmental IoT & satellite data for impact verification
- Marketplace Protocol: For trading CFTs in a decentralized environment
- Staking Pools: Enforce access, quality, and final compensation

9. Roadmap

2025		2026	2030
Q3	**Q4**	**Q1 - Q2**	
• Release Whitepaper 1.0 • Launch of KYB + CFT Pool Protocol • Start of Private Sale Round • Development of CFT Minting Smart Contracts	• Token Generation Event (TGE) • Listing on 1–2 DEXs • Launch of Vectorium Carbon Marketplace (Beta) • First CFT conversions go live	• Partnership onboarding for carbon projects • Launch of DAO structure for VECT governance • Expansion of marketplace • Listing on Tier-2 CEXs	• Final burn-and-compensation of CFTs • Official impact reports published • Certification to international environmental institutions

10. Governance & DAO

Vectorium DAO will empower the community to:

• Approve or deny carbon project onboarding

• Allocate staking rewards

• Decide future technical upgrades

• Elect environmental verification councils

Full decentralization expected by **Q1 2026.**

11. Compliance & Ethics

• Full alignment with ESG goals, Islamic Finance principles, and climate ethics

• Staking mechanisms respect Fatwa-compatible structures (no riba)

• CFT retirement is based on actual environmental results verified on-chain

12. Strategic Advantages

• First mover in decentralized CFT issuance

• Synergy with both institutional and individual actors

• Low entry barrier with verified impact

• Integration-ready with UN, ISO, and national climate programs

• Future bridge to regulated environmental markets and DeFi

Vectorium is no longer just an idea – it's a concrete ecosystem built for a carbon-conscious civilization.

Through VECT, the token becomes a tool for trust, a key to transformation, and a proof of our shared responsibility.