

# CCUS Project Whitepaper (English Version Only)

## 1. Project Overview

The CCUS Token is a blockchain-based digital asset designed to support the global mission of reducing carbon emissions through Carbon Capture, Utilization, and Storage (CCUS) technologies. It aims to bridge blockchain innovation with environmental impact.

## 2. Vision and Mission

**Vision:** To establish a decentralized ecosystem of carbon credits and green assets that financially incentivizes sustainability.

**Mission:** To tokenize carbon offset assets related to CCUS technologies and develop an accessible, transparent, and inclusive global carbon market.

## 3. Tokenomics

Total Supply: 100,000,000 CCUS

Token Allocation:

- Community Mining: 40% (40,000,000 CCUS)
- Foundation Reserve: 20% (20,000,000 CCUS)
- Development Team: 15% (15,000,000 CCUS)
- Strategic Investors: 15% (15,000,000 CCUS)
- Public Sale: 10% (10,000,000 CCUS)

## 4. Technical Framework

- Blockchain: Binance Smart Chain (BSC)
- Standard: BEP-20
- Contract: Based on audited OpenZeppelin contracts
- Features:
  - Smart Minting & Carbon Offset Proof
  - DAO Governance Support
  - Compatibility with Web3 wallets

## 5. Application Scenarios

- Carbon Credit Market Transactions
- CCUS Project Financing
- ESG Rating Integration (on-chain)
- Green Asset Staking
- On-chain Offset Verification
- Climate DAO Participation
- Web3 Carbon Wallet Support
- ReFi (Regenerative Finance) Integration

## 6. Roadmap

Phase 1 (Q3 2025): Token launch, Website release, Litepaper publication

Phase 2 (Q4 2025): DAO launch, Beta platform test, First airdrop

Phase 3 (Q1 2026): ESG Oracle integration, First CCUS funding round

Phase 4 (Q2 2026): Multichain expansion, PancakeSwap and CEX listings

Phase 5 (Q3 2026): Governance platform, Green NFTs, ReFi infrastructure

## 7. Governance

CCUS introduces decentralized governance through a DAO structure. Token holders will participate in proposal voting on fund usage, ecosystem upgrades, project funding, and partnerships. Each token equates to one vote.

## 8. Sustainability and Impact

The CCUS Token connects environmental finance and climate responsibility. It supports United Nations SDGs such as:

- SDG 13 (Climate Action)
- SDG 9 (Industry, Innovation)
- SDG 17 (Partnerships)

The project encourages low-carbon behavior and innovation.

## 9. Risk and Compliance

CCUS adheres to relevant global and local environmental and financial regulations. It avoids unauthorized carbon credit trading and ensures all carbon-linked assets are verified and traceable. Anti-greenwashing measures are in place.

## 10. Strategic Partnerships

CCUS seeks collaboration with:

- CCUS infrastructure and research organizations
- ESG data oracles and sustainability certifiers (e.g., Verra, Gold Standard)
- Web3 climate-focused DAOs (e.g., KlimaDAO)
- Green finance networks and public initiatives

## 11. Conclusion

CCUS is more than a token - it is a catalyst for sustainable finance, climate awareness, and community governance. With open participation and global access, it empowers individuals and institutions to co-create a low-carbon future on the blockchain.