

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.