

Carbon Credit Coin (CCC) Whitepaper

July 2025

Website: <https://carboncreditcoin.net>

GitHub: https://github.com/cccoin111/ccc_new

Logo: <https://raw.githubusercontent.com/cccoin111/ccc/main/logo200.png>



Transparent, Verifiable Climate Action

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1. Introduction

Carbon Credit Coin (CCC) is a BEP-20 token on Binance Smart Chain (BSC) designed to enable transparent carbon offsetting. Each token is backed by verified carbon credits and can be burned to retire CO₂ credits, supporting climate action through decentralized technology. This updated whitepaper, as of July 2025, reflects the migration to a new smart contract (0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9), the minting of additional tokens, revised tokenomics, and operational enhancements, aligning with our commitment to environmental sustainability and blockchain transparency. The migration addresses an issue with the original contract's token name, ensuring accuracy and compliance.

2. Technology

- **Blockchain:** Binance Smart Chain (BSC)
- **Token Standard:** BEP-20
- **Contract Address:**
<https://bscscan.com/token/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9>
- **Decimals:** 0
- **Contract Verification:** Verified on BscScan
- **GitHub Repository:** https://github.com/cccoin111/ccc_new
- **Security:** Role-based access control; audit planned for Q3 2025

The CCC smart contract leverages BSC's high-speed, low-cost infrastructure, ensuring efficient transactions for carbon offsetting. The updated contract, deployed in July 2025, corrects the token name and supports functions like totalSupply, balanceOf, burn, and mint. On July 13, 2025, 300,000 new tokens were minted to support ongoing operations, with details provided in the Token Migration section. The source code is publicly available for transparency.

3. Tokenomics

- **Total Supply:** 599,170 CCC (after minting 600,000 tokens and burning 830 as test burns)
- **Circulating Supply:** 599,170 CCC (subject to burns)
- **Decimals:** 0
- **Price:** ~\$0.01/CCC
- **Conversion Rate:** 1,000 CCC = 1 tonne CO₂ = \$10
- **Backing:** Linked to Carbon Credit Partners: Verra, Universal Carbon Registry (UCR, account 893625055), Carbon Trade Exchange (CTX)
- **Allocation:**
 - 50% Community & Gaming Rewards (299,585 CCC)
 - 20% Team & Advisors (119,834 CCC)
 - 20% Development & Marketing (119,834 CCC)
 - 10% Partnership Reserve (59,917 CCC)

The tokenomics reflect a total supply of 599,170 CCC with 0 decimals, simplifying carbon offset calculations. The allocation percentages remain consistent, adjusted for the new total supply following the minting of 300,000 additional tokens on July 13, 2025, to secure additional carbon credits.

4. Burn Mechanics

Burning CCC tokens retires carbon credits, with each 1,000 CCC equating to 1 tonne of CO₂ offset, valued at \$10 (based on a token price of ~\$0.01). Burns are executed via the burn function on the smart contract and recorded transparently on BSC. Users can burn tokens at <https://carboncreditcoin.net/burn-tokens-to-offset-your-emissions/> and view records at <https://carboncreditcoin.net/ccc-burn-records/>. Transactions are verifiable on:

- **BscScan:**
https://bscscan.com/token/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9#token_txns
- **UCR:** <https://www.ucarbonregistry.io/Transaction>

Certificates: PDF certificates are issued for offsets via <https://carboncreditcoin.net>, with a password (“climate”) provided post-burn. As of July 2025, 830 CCC tokens have been burned as test burns under the new contract.

5. Liquidity and Trading

- **Liquidity Pair:**
 - **CCC/WBNB (PancakeSwap V2):**
 - Pair Address:
<https://bscscan.com/address/0xea6202516bb4ced875143a8ad160895f57c31f0d>
 - Swap URL:
<https://pancakeswap.finance/swap?outputCurrency=0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9&inputCurrency=0xbb4CdB9CBd36B01bD1cBaEBF2De08d9173bc095c>
 - Note: A CCC/USDT pair is planned for the future to enhance price stability; CoinGecko integration in progress.
- **Fee Collection:** Deployer address updated to new contract owner (TBA).
- **Trading:** Low slippage via the CCC/WBNB V2 pair, accessible on PancakeSwap.

A liquidity pool for the CCC/WBNB pair has been established for the new contract, with plans to add a CCC/USDT pair to improve stability. Updates will be reflected on CoinGecko and other platforms.

6. Vesting Schedule

- **Team & Advisors (20%):** Vested over 24 months, starting Q2 2025, with quarterly unlocks (119,834 CCC).
- **Development & Marketing (20%):** Released incrementally for project milestones (119,834 CCC).
- **Partnership Reserve (10%):** Locked until strategic partnerships are finalized (59,917 CCC).
- **Community & Gaming Rewards (50%):** Distributed via burns and gaming incentives, no vesting (299,585 CCC).

The vesting schedule ensures long-term alignment of team and community interests, adjusted for the updated total supply.

7. Use Cases

- **Carbon Offsetting:** Burn CCC to retire credits, supporting individual and corporate sustainability goals.
- **Gaming Rewards:** Burn small amounts for in-game assets, integrating environmental action with gaming ecosystems.
- **Corporate Sustainability:** Enable transparent ESG reporting through verifiable burns on BSC and UCR.

CCC's versatility supports both environmental and economic applications, bridging blockchain and sustainability.

8. Environmental Integrity & Registry Status

- **CCC Backing:** Verified by Verra, Universal Carbon Registry (UCR, account 893625055), and Carbon Trade Exchange (CTX).
- **Burns (Current Contract):** 830 CCC tokens burned as test burns, verifiable at https://bscscan.com/token/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9#token_txns and <https://www.ucarbonregistry.io/Transaction>.
- **Available Credits:** Linked to UCR account 893625055, with ongoing verification.
- **Note:** Historical burns on retired contracts (e.g., 0x0BD1d8ad0fb9435dd23018b2B17b24147D6b2c7E) are not included in the current supply.

The new contract ensures all burns are transparently recorded and aligned with global carbon registries.

9. Token Migration

In July 2025, CCC migrated to a new smart contract to address an issue with the original contract's token name, which was incorrectly set and could not be modified. Additionally,

300,000 new tokens were minted on July 13, 2025, to secure additional carbon credits for ongoing operations. Below are the details:

- **Old Contract Address:**
<https://bscscan.com/address/0x0BD1d8ad0fb9435dd23018b2B17b24147D6b2c7E>
- **New Contract Address:**
<https://bscscan.com/address/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9>
- **Reason for Migration:** The migration was necessary to correct the token name, ensuring accurate representation of the CCC Token.
- **Minting Details:** On July 13, 2025, 300,000 CCC tokens were minted in three transactions, backed by verified carbon credits:
 - **Transaction 1:** 100,000 CCC
 - Tx Hash:
<https://bscscan.com/tx/0xdf9dbd0afe58b8bfe64d5943e390fb8ec29cf6bd0066fed2f99a20c7cd3508ab>
 - Project: 14 MW SHP São Francisco
 - Serial Number: 0001-242913-243012-UCR-CoU-BR-338-01012022-31122022
 - UCR Verification:
<https://www.ucarbonregistry.io/Registry/Details?id=VHta%2BNFP1dc0cKpK1NAW4g%3D%3D>
 - **Transaction 2:** 100,000 CCC
 - Tx Hash:
<https://bscscan.com/tx/0x8e5349227dc55c7cb122a6bb39839b48a110825c8ecb0937c21f35fd7a752929>
 - Project: 7.9 MW Biomass based Cogeneration Project at Hardoi, Uttar Pradesh
 - Serial Number: 0001-286993-287092-UCR-CoU-IN-210-01012022-31122022
 - UCR Verification: <https://www.ucarbonregistry.io/Transaction>
 - **Transaction 3:** 100,000 CCC
 - Tx Hash:
<https://bscscan.com/tx/0x7dc4a760e3d53f577515580ea654a7055385d2f496fb2610a0272555e3f8f599>
 - Project: 7.9 MW Biomass based Cogeneration Project at Hardoi, Uttar Pradesh
 - Serial Number: 0001-287093-287192-UCR-CoU-IN-210-01012022-31122022
 - UCR Verification: <https://www.ucarbonregistry.io/Transaction>
- **Burn Details:** 830 CCC tokens were burned as test burns, resulting in a total supply of 599,170 CCC.
- **User Impact:** As the migration and minting affect only test wallets, **no action is required** from token holders. The transition has been completed seamlessly.

- **Announcement:** Official announcement available at <https://carboncreditcoin.net/token-blockchain-data/> and on Twitter: https://x.com/ClimateChange_e.

The new contract maintains the same functionality, security, and transparency, with the logo from the old contract applied to the new one for consistency.

10. Historical Context

CCC previously operated under contracts:

- **Retired Contract:** 0x0BD1d8ad0fb9435dd23018b2B17b24147D6b2c7E (101,628,300 CCC burned, 103.6283 tonnes CO2e).
- **Additional Retired Contract:** 0xE0F24e23... (1 CoU, retired 04/27/2025, full address unavailable).

The new contract (0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9) consolidates operations, with 300,000 new tokens minted on July 13, 2025, and 830 tokens burned as test burns. Burns and minting transactions are tracked on BscScan and UCR for transparency.

11. Roadmap

Quarter	Milestone
Q2 2025	Launch new token contract, burn feature, burn records page, liquidity pools
Q3 2025	Smart contract audit, NFT rewards integration, CoinGecko listing update
Q4 2025	Auto-issue burn certificates, additional exchange listings (e.g., Uniswap)
Q1 2026	Expand UCR integration with automated certificate issuance
Q2 2026+	Develop DeFi integrations, partner with sustainability platforms

The roadmap prioritizes transparency, scalability, and ecosystem growth.

12. Team

- **Steve Gye** – CEO
- **Henk Haasjes** – CMO
- **Advisors:** Climate and blockchain experts (TBA)

The team combines expertise in environmental science and blockchain technology to drive CCC's mission.

13. Disclaimer

CCC is not a financial instrument. Offsetting is voluntary, dependent on verified carbon credits. Always conduct your own research before participating.

14. Contact & Community

- **Website:** <https://carboncreditcoin.net>
- **Burn Tokens:** <https://carboncreditcoin.net/burn-tokens-to-offset-your-emissions/>
- **Burn Records:** <https://carboncreditcoin.net/ccc-burn-records/>
- **Email:** mail@carboncreditcoin.net
- **Twitter:** https://x.com/ClimateChange_e
- **Facebook:** <https://www.facebook.com/climatechangeinstituteaust>
- **Social Verification:** https://x.com/ClimateChange_e/status/1936218159725625405

Join our community to stay updated on CCC's progress and contribute to climate action.