Carbon Credit Coin (CCC) Whitepaper

June 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 CO_2 credits, supporting climate action through decentralized technology. This updated whitepaper reflects the new contract, tokenomics, and operational enhancements as of June 2025, aligning with our commitment to environmental sustainability and blockchain transparency.

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 contract supports functions like totalSupply, balanceOf, and burn, with source code publicly available for transparency.

3. Tokenomics

- Total Supply: 300,000 CCC

- Circulating Supply: 300,000 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 (150,000 CCC)

  - 20% Team & Advisors (60,000 CCC)

  - 20% Development & Marketing (60,000 CCC)

  - 10% Partnership Reserve (30,000 CCC)

The updated tokenomics reflect a streamlined total supply of 300,000 CCC with 0 decimals, simplifying carbon offset calculations. The allocation supports community engagement, team incentives, development, and strategic partnerships to expand CCC's impact in the carbon offset market.

4. Burn Mechanics

Burning CCC tokens retires carbon credits, with each 1,000 CCC equating to 1 tonne of CO_2 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#tokentxns

- UCR: https://www.ucarbonregistry.io/Transaction

Certificates: PDF certificates are issued for offsets via https://carboncreditcoin.net, with a password ("climate") provided post-burn.

5. Liquidity and Trading

- Liquidity Pairs:

  - CCC/USDT (PancakeSwap V3):

    - Liquidity: Under investigation for new contract

- Swap URL:
https://pancakeswap.finance/swap?outputCurrency=0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754E
C9&inputCurrency=0x55d398326f99059fF775485246999027B3197955&exactField=output

   - Note: New liquidity pool details pending; CoinGecko integration in progress.

  - CCC/WBNB (PancakeSwap V2):

   - Liquidity: Under investigation for new contract

   - Swap URL:
https://pancakeswap.finance/swap?outputCurrency=0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754E
C9&inputCurrency=0xbb4CdB9CBd36B01bD1cBaEBF2De08d9173bc095c

   - Note: Analytics updates pending; CoinGecko ticket submitted.

- Fee Collection: Deployer address updated to new contract owner (TBA).

- Trading: Low slippage via CCC/USDT V3 and CCC/WBNB V2 pairs, accessible on PancakeSwap.

Liquidity pools are being reestablished for the new contract, with updates to be reflected on CoinGecko and other platforms.

6. Vesting Schedule
- Team & Advisors (20%): Vested over 24 months, starting Q2 2025, with quarterly unlocks.

- Development & Marketing (20%): Released incrementally for project milestones.

- Partnership Reserve (10%): Locked until strategic partnerships are finalized.

- Community & Gaming Rewards (50%): Distributed via burns and gaming incentives, no vesting.

The vesting schedule ensures long-term alignment of team and community interests.

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): Verifiable at https://bscscan.com/token/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9#tokentxns 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. 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 burns tracked on BscScan and UCR.

10. 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.

11. 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.

12. Disclaimer

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

13. 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: info@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.