

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 the BNB Smart Chain (BSC) designed to enable transparent, verifiable carbon offsetting. Each token can be **burned** to retire carbon credits, supporting climate action through decentralized infrastructure. This edition reflects the **migration to the current CCC contract** (0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9), updated tokenomics, and the launch of a **stablecoin pool (CCC/USDT)** to anchor price at **US\$0.01 per CCC**.

2. Technology

- **Blockchain:** BNB Smart Chain (BSC)
 - **Token Standard:** BEP-20
 - **Contract Address:** 0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9 (BscScan verified)
 - **Decimals:** 0 (integer-only CCC for simple offset math)
 - **Key Functions:** totalSupply, balanceOf, burn, mint
 - **Repository:** https://github.com/cccoin111/ccc_new
 - **Security:** Role-based controls; independent audit planned (Q3–Q4 2025)
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3. Tokenomics

- **Current Total Supply:** 599,170 CCC (*subject to change via burns*)
- **Circulating Supply:** equals total supply less any locked/vested allocations; decreases with burns
- **Decimals:** 0
- **Reference Price:** US\$0.01 per CCC (anchored via CCC/USDT pool)
- **Offset Conversion:** 1,000 CCC = 1 tonne CO_{2e} ≈ US\$10
- **Intended Allocation** (proportional to current supply):
 - 50% **Community & Gaming Rewards**
 - 20% **Team & Advisors** (vested)
 - 20% **Development & Marketing**
 - 10% **Partnership Reserve**

Note: Supply/allocation reflect the active contract and will evolve with future burns and operational needs. All token movements are on-chain.

4. Burn Mechanics

- **Purpose:** Permanently retire CCC in exchange for retiring carbon credits (1,000 CCC $\approx$ 1 tCO₂e).
 - **How:** Users initiate burns via the dApp:
 - **Offset/Burn page:** <https://carboncreditcoin.net/offset-your-emissions/>
 - **Burn records:** <https://carboncreditcoin.net/ccc-burn-records/>
 - **On-Chain Proof:**
 - Token txns: <https://bscscan.com/token/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9#tokentxns>
 - Registry logs (UCR): <https://www.ucarbonregistry.io/Transaction>
 - **Certificates:** A PDF certificate is issued post-burn via the site (password provided after burn).
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5. Liquidity and Trading

Active Pairs (PancakeSwap V2):

- **CCC/USDT (stable anchor) – RECOMMENDED**
 - **Pair (LP) Address:** 0xf4ce1a29e03531a5011d03e6d2da0e1a68cbb8b8
 - **Swap:**
<https://pancakeswap.finance/swap?chain=bsc&inputCurrency=0x55d398326f99059fF775485246999027B3197955&outputCurrency=0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9>
 - **Add Liquidity:**
<https://pancakeswap.finance/v2/add/0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9/0x55d398326f99059fF775485246999027B3197955?chain=bsc>
 - **USDT (BSC) Contract:** 0x55d398326f99059fF775485246999027B3197955 (18 decimals)
- **CCC/WBNB**
 - **Pair (LP) Address:** 0xea6202516bb4ced875143a8ad160895f57c31f0d
 - **Swap:**
<https://pancakeswap.finance/swap?chain=bsc&inputCurrency=0xbb4CdB9CBd36B01bD1cBaEBF2De08d9173bc095c&outputCurrency=0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9>
 - **WBNB:** 0xbb4CdB9CBd36B01bD1cBaEBF2De08d9173bc095c (18 decimals)

Notes

- **Price Anchoring:** The CCC/USDT pool targets **US\$0.01/CCC**; routing/arbitrage helps keep CCC/WBNB aligned with the stable anchor.
- **Fees:** PancakeSwap V2 0.25% per swap (0.17% to LPs, 0.03% treasury, 0.05% buyback/burn).
- **LP Custody:** LP tokens are held by the deployer unless otherwise stated; a portion may be locked in future for market confidence.

6. Vesting Schedule

- **Team & Advisors (20%):** 24-month vesting from Q2 2025; quarterly unlocks.
- **Development & Marketing (20%):** Milestone-based releases.
- **Partnership Reserve (10%):** Locked until strategic agreements are finalized.
- **Community & Gaming Rewards (50%):** Distributed via campaigns and gameplay; no vesting.

7. Use Cases

- **Carbon Offsetting:** Burn CCC to retire credits and receive a certificate.
- **Gaming & Engagement:** Earn/spend CCC for eco-game mechanics and community rewards.
- **Corporate ESG:** On-chain proof (BSC) + registry records (UCR) enable auditable ESG reporting.

8. Environmental Integrity & Registry Status

- **Registries & Partners:** Engagement with recognized registries including **Universal Carbon Registry (UCR)** (account **893625055**) and trading venues such as **Carbon Trade Exchange (CTX)**; project serials are recorded per issuance.
- **Transparency:** On-chain burns are cross-referenced to registry transactions where applicable.
- **Status:** CCC aims to link token burns with verifiable certificate serials; documentation is published on the site and referenced in burn certificates.

Clarification: Registry links/serials refer to specific projects/issuances as recorded with UCR (and other registries where relevant). “Verification” denotes third-party registry validation of the underlying credits, not an investment rating of CCC.

9. Token Migration

- **New Contract (active):** 0x9DfBb97B47854B0Ed19E064DA9B405c4Cd754EC9
- **Reason:** Correct token name/metadata and streamline operations.
- **New Issuance:** On **13 July 2025**, **300,000 CCC** were minted (three tx of 100,000 CCC each) to support ongoing operations backed by corresponding credit allocations.

- Tx #1:
0xdf9dbd0afe58b8bfe64d5943e390fb8ec29cf6bd0066fed2f99a20c7cd3508ab
 - Tx #2:
0x8e5349227dc55c7cb122a6bb39839b48a110825c8ecb0937c21f35fd7a752929
 - Tx #3:
0x7dc4a760e3d53f577515580ea654a7055385d2f496fb2610a0272555e3f8f599
 - **Burns (new contract): 830 CCC** (test and operational burns to date).
 - **User Impact:** No action required from holders; migration handled via deployer/test wallets.
 - **Announcements:** <https://carboncreditcoin.net/token-blockchain-data/> and https://x.com/CarbonCred_Coin
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10. Historical Context

- **Retired Contract:** 0x0BD1d8ad0fb9435dd23018b2B17b24147D6b2c7E
 - Burns recorded: **101,628,300 CCC** ($\approx 103.6283 \text{ tCO}_2\text{e}$).
 - **Additional Legacy:** 0xE0F24e23... (1 CoU retired 2025-04-27; archival).
 - The current contract consolidates operations; supply now reflects new issuance and ongoing burns.
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11. Roadmap

Quarter	Milestone
Q2 2025	New contract live; burn feature & records; WBNB liquidity
Q3 2025	USDT pool live (price anchor at \$0.01) ; audit scheduling; CoinGecko listing update
Q4 2025	Automated certificate issuance; exchange integrations; ecosystem partners
Q1 2026	Deeper registry automation (UCR APIs)
Q2 2026+	DeFi integrations; sustainability platform partnerships; broader distribution

12. Team

- **Steve Gye** — CEO
 - **Henk Haasjes** — CMO
 - **Advisors:** Climate & blockchain specialists (TBA)
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13. Disclaimer

CCC is **not** a financial instrument. Offsetting is voluntary and depends on the availability and retirement of verified carbon credits. Always conduct your own research before participating.

14. Contact & Community

- **Website:** <https://carboncreditcoin.net>
- **Offset/Burn:** <https://carboncreditcoin.net/offset-your-emissions/>
- **Burn Records:** <https://carboncreditcoin.net/ccc-burn-records/>
- **Email:** mail@carboncreditcoin.net
- **Twitter/X:** https://x.com/CarbonCred_Coin
- **Facebook:** <https://www.facebook.com/climatechangeinstituteaust>
- **Social Proof:** https://x.com/CarbonCred_Coin/status/1941331876536562043