

Common Prosperity Coin (CPC) Whitepaper

Vision

"When individual boats unite into a fleet, the tide will turn in our favor"

Common Prosperity Coin (CPC) - Coin of Gold, is a decentralized digital asset project designed to build a truly community-owned prosperity ecosystem through fair token distribution mechanisms and long-term incentive models. We reject being harvested, reject being defined—this time, we are not just players; we are the rule-makers.

Project Overview

Basic Information

- **Project Name:** Common Prosperity Coin
- **Token Symbol:** CPC
- **Total Supply:** 13,370,000 CPC (Fixed supply, no inflation)
- **Blockchain:** Binance Smart Chain (BSC)
- **Contract Features:** All contracts renounce admin privileges immediately after deployment for complete decentralization

Core Philosophy

CPC positions itself as "The People's Gold"—fair, scarce, and forever. Through innovative distribution and incentive mechanisms, we are committed to:

1. **Fair Distribution** - BABT verification and weight caps prevent whale domination
 2. **Long-term Value** - 10-year lockup and halving mechanism create scarcity
 3. **Community Governance** - Contracts renounce ownership, rules enforced by code
 4. **Common Prosperity** - Every participant shares in ecosystem growth
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Token Economics

Token Allocation

Total supply of 13,370,000 CPC is distributed as follows:

| Allocation | Amount | Percentage | Purpose |
|---------------------|----------------|------------|-------------------------------------|
| Airdrop Pool | 1,337,000 CPC | 10% | Free claim for BABT holders |
| NFT Sale Pool | 1,337,000 CPC | 10% | Team funding and NFT holder bonuses |
| Staking Mining Pool | 10,696,000 CPC | 80% | Long-term staking rewards |

Distribution Mechanism Details

1. Airdrop Contract (10% - 1,337,000 CPC)

Objective: Ensure real user participation through BABT (Binance Account Bound Token) verification, preventing Sybil attacks.

Rules:

- ✓ Only BABT NFT holders can claim (Contract: 0x2B09d47D550061f995a3b5C6f0Fd58005215d7c8)
- ✓ 1 CPC per address
- ✓ Each address can only claim once
- ✓ No time limit until pool is depleted
- ✓ Contract ownership renounced immediately after deployment

Significance: BABT is a soulbound token issued by Binance representing KYC-verified real users. This ensures airdrop fairness and prevents bot and multi-account abuse.

2. NFT Sale Contract (10% - 1,337,000 CPC)

Objective: Raise initial funding through exclusive NFT sales while providing instant token bonuses and long-term passive income.

Rules:

- ⌚ NFT Access: Minimum 1 BNB to receive your exclusive Soulbound NFT (one per wallet)
- 🎁 Instant Bonus: Receive 133.7 CPC tokens per BNB spent (sent immediately, no lock period)
- ★ Daily Rewards: NFT holders earn 1 CPC per day (follows halving logic), claimable every 24 hours
- 🔒 NFT Type: Soulbound NFT (non-transferable, permanently bound to your wallet)
- ⌚ All BNB sent directly to team address
- 📅 Sale Duration: 365 days from deployment
- 🎁 After 365 days: Remaining bonus tokens transferred to team address

Important Notes:

- Higher contributions = more instant bonus tokens
- Daily NFT reward is fixed at 1 CPC/day regardless of purchase amount
- Each wallet can only receive one NFT (first purchase ≥ 1 BNB)

NFT Reward Mechanism:

- Initial Reward: 1 CPC/day
- Halving Logic: Synchronized with staking mining pool (halves every 133,700 CPC mined)
- Claim Frequency: Once every 24 hours
- Does not conflict with staking rewards, can be earned simultaneously

Significance: The NFT sale not only provides funding but positions NFTs as the primary product with instant token bonuses as gifts. NFT holders receive long-term passive income through daily rewards, creating strong holding incentives.

3. Staking Mining Contract (80% - 10,696,000 CPC)

Objective: Create scarcity and long-term value through extended lockup and halving mechanism.

Participation Requirements:

- ➡ One-time payment of 2 USDT ticket fee (prevents spam staking)
- ⌚ Stake amount must be ≥ 10 CPC (whole numbers only, no decimals)
- 🔒 Lock Period: 3,650 days (10 years)

Reward Mechanism:

- Initial Output Rate:** 1 CPC/hour (total network output)

- Weight System:**

- Initial Base Weight: 5,000 CPC
- When Total Staked \leq 5,000 CPC:
 - Your Reward = (Your Stake / 5,000) \times Hourly Output
 - Example: Stake 100 CPC = 2% of hourly output
 - Early Adopter Advantage:** First 5,000 CPC stakers receive ultra-high rewards (175% APY)
- When Total Staked $>$ 5,000 CPC:
 - Your Reward = (Your Stake / Total Staked) \times Hourly Output
 - Example: Stake 100 CPC, Total 50,000 CPC = 0.2% of hourly output

3. Halving Mechanism:

- Every time contract balance decreases by 133,700 CPC (~1% of mining pool)
- Output rate halves: 1 \rightarrow 0.5 \rightarrow 0.25 \rightarrow 0.125 \rightarrow ...
- NFT daily rewards halve synchronously
- Approximately 80 halvings in total

4. NFT Additional Rewards:

- NFT holders can claim additional 1 CPC every 24 hours (initial)
- Independent from staking rewards, can be earned simultaneously
- Follows halving logic synchronously

Reward Calculation Examples:

Early Stage (Total Staked \leq 5,000 CPC):

Assuming current output rate is 1 CPC/hour, total staked is 2,500 CPC:

| Your Stake | Your Share | Hourly Reward | Daily Reward | Annual Reward | APY |
|------------|------------|---------------|--------------|---------------|----------|
| 10 CPC | 0.2% | 0.002 CPC | 0.048 CPC | 17.52 CPC | 175.2% 🚀 |
| 100 CPC | 2% | 0.02 CPC | 0.48 CPC | 175.2 CPC | 175.2% 🚀 |
| 500 CPC | 10% | 0.1 CPC | 2.4 CPC | 876 CPC | 175.2% 🚀 |
| 1,000 CPC | 20% | 0.2 CPC | 4.8 CPC | 1,752 CPC | 175.2% 🚀 |

Mature Stage (Total Staked $>$ 5,000 CPC):

Assuming current output rate is 1 CPC/hour, total staked is 50,000 CPC:

| Your Stake | Your Share | Hourly Reward | Daily Reward | Annual Reward | APY |
|------------|------------|---------------|--------------|---------------|--------|
| 10 CPC | 0.02% | 0.0002 CPC | 0.0048 CPC | 1.75 CPC | 17.5% |
| 100 CPC | 0.2% | 0.002 CPC | 0.048 CPC | 17.52 CPC | 17.52% |
| 1,000 CPC | 2% | 0.02 CPC | 0.48 CPC | 175.2 CPC | 17.52% |
| 10,000 CPC | 20% | 0.2 CPC | 4.8 CPC | 1,752 CPC | 17.52% |

Comparison with NFT Sale Rewards:

| Participation | Cost | Lockup Period | APY | Notes |
|---------------|-------------------------|---------------|------|------------------------------------|
| NFT Purchase | 1 BNB (133.7 CPC bonus) | No lock | 273% | 1 CPC daily reward + instant bonus |

| Participation | Cost | Lockup Period | APY | Notes |
|------------------|---------|---------------|-------|-------------------------|
| Staking (Early) | 100 CPC | 10 years | 175% | First 5,000 CPC stakers |
| Staking (Mature) | 100 CPC | 10 years | 17.5% | After 5,000 CPC staked |

Note: Actual rewards adjust with total staked changes and halving events. Early adopters receive significantly higher rewards!

Significance:

- 10-year lockup ensures long-term value commitment
 - Halving mechanism creates scarcity, similar to Bitcoin
 - Initial weight (5,000 CPC) provides significant advantage to early adopters
 - Minimum stake of 10 CPC balances participation threshold and market buying demand
 - Ticket fee filters speculators, attracts genuine long-term holders
 - **First Come First Served: First 5,000 CPC stakers can achieve 175% APY**
 - **Balanced with NFT rewards: NFT 273% (no lock) vs Staking 175% (10-year lock), reasonable considering lockup period difference**
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Technical Architecture

Smart Contract System

CPC ecosystem consists of 5 core smart contracts:

1. CPCToken.sol - Main Token Contract

- Standard ERC-20 token
- Fixed total supply: 13,370,000 CPC
- 18 decimal precision
- Manually distributed to contracts after deployment

2. Airdrop.sol - Airdrop Contract

- BABT NFT verification
- One claim per address limit
- Automatic claim status tracking
- Ownership renounced after deployment

3. Presale.sol - NFT Sale Contract

- BNB to CPC exchange with instant token delivery
- Automatic Soulbound NFT minting
- 365-day lockup mechanism
- BNB directly transferred to team address

4. Mining.sol - Staking Mining Contract

- USDT ticket verification
- Staking lockup management
- Reward calculation and distribution
- Halving logic implementation
- NFT daily reward claiming

5. RewardNFT.sol - Reward NFT Contract

- Soulbound (non-transferable)
- Only mintable by NFT sale contract
- Records minting time for daily reward calculation

Security Features

1. **Decentralization:** All contracts call `renounceOwnership()` immediately after deployment
 2. **Audit:** Open-source code, community auditable
 3. **Time Locks:** Clear time-lock mechanisms for NFT sale and staking
 4. **Reentrancy Protection:** Uses ReentrancyGuard to prevent reentrancy attacks
 5. **Access Control:** Critical functions use `onlyOwner` or specific contract call restrictions
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Roadmap

Phase 1: Launch (2025 Q1)

- ✓ Smart contract development completed
- ✓ Security audit
- ✓ Frontend DApp development
- ↗ Contract deployment to BSC mainnet
- ↗ Airdrop and NFT sale launch

Phase 2: Growth (2025 Q2-Q3)

- Staking mining officially begins
- Community building and marketing
- Partnerships with other DeFi projects
- DEX listing (PancakeSwap, etc.)

Phase 3: Expansion (2025 Q4-2026)

- Explore cross-chain bridging
- Develop more ecosystem applications
- DAO governance mechanism
- Long-term value accumulation

Phase 4: Maturity (2027+)

- Become a store of value asset in BSC ecosystem
 - Continuous community-driven development
 - Explore more use cases
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Economic Model Analysis

Deflationary Mechanism

1. **Fixed Supply:** 13,370,000 CPC, no inflation ever
2. **Long-term Lockup:** 80% tokens locked in 10-year staking
3. **Halving Mechanism:** Output gradually decreases, similar to Bitcoin

4. **NFT Sale:** 10% tokens distributed as instant bonuses (no lock) + daily NFT rewards

Value Support

1. **Scarcity:** Fixed supply + halving = long-term scarcity
2. **Utility:** Staking mining provides passive income
3. **Community-Driven:** Decentralized governance, no centralized manipulation
4. **Fair Distribution:** BABT verification + weight cap prevents monopoly

Similarities with Bitcoin

| Feature | Bitcoin | CPC |
|------------------|---------------------|------------------------|
| Fixed Supply | ✓ 21M | ✓ 13.37M |
| Halving | ✓ Every 4 years | ✓ Every 133,700 tokens |
| Decentralization | ✓ PoW | ✓ Renounced ownership |
| Scarcity | ✓ Mining difficulty | ✓ Output halving |
| Long-term Value | ✓ Digital gold | ✓ People's gold |

Risk Disclosure

Smart Contract Risk

- Despite audits, smart contracts may have unknown vulnerabilities
- Users should only invest amounts they can afford to lose

Market Risk

- Cryptocurrency markets are highly volatile
- CPC price may be affected by market sentiment

Liquidity Risk

- Staked tokens locked for 10 years, cannot be unlocked early
- NFT sale bonus tokens have no lock period (instant liquidity)

Regulatory Risk

- Cryptocurrency regulations may change
- Users must comply with local laws and regulations

Community & Governance

Community Participation

- **Twitter/X:** [@icpc_cc](#)
- **Telegram:** Coming soon

- **Discord:** Coming soon

Governance Mechanism

Although contracts have renounced ownership, the community can participate through:

1. **Proposal Discussion:** Submit improvement suggestions on community platforms
 2. **Code Contribution:** Open-source project welcomes code contributions
 3. **Ecosystem Building:** Develop CPC-based applications
 4. **Community Promotion:** Help spread CPC philosophy
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FAQ

Q1: What makes CPC different from other tokens?

A: CPC's core differences:

- Fully decentralized (renounced ownership)
- Fair distribution (BABT verification + weight cap)
- Long-term value (10-year lockup + halving)
- Community-driven (no team control)

Q2: Why 10-year lockup?

A: 10-year lockup ensures:

- Filters short-term speculators
- Attracts long-term value investors
- Creates genuine scarcity
- Builds long-term community consensus

Q3: What if I need liquidity?

A:

- NFT sale bonus tokens have no lockup, freely tradable immediately
- Airdrop tokens have no lockup, freely tradable
- Ensure you can handle 10-year lockup before staking

Q4: Will NFT rewards continue forever?

A:

- NFT rewards follow mining pool halving
- Initial 1 CPC/day, gradually halves
- Theoretically sustainable for decades
- Until mining pool is depleted

Q5: Will the team dump tokens?

A:

- Team only holds BNB raised from NFT sale

- Unsold NFT sale bonus CPC goes to team after 365 days
- Contracts renounced ownership, team cannot manipulate
- Fully transparent, verifiable on-chain

Q6: How to ensure this isn't a scam?

A:

- Contracts are open-source, auditable
 - Ownership renounced immediately after deployment
 - No backdoors, no upgrade privileges
 - Code is law
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Technical Documentation

Contract Addresses (To be updated after deployment)

- **CPC Token:** Pending deployment
- **Airdrop Contract:** Pending deployment
- **NFT Sale Contract:** Pending deployment
- **Mining Contract:** Pending deployment
- **Reward NFT Contract:** Pending deployment

Audit Reports

- Internal Audit: Completed ✓
- Third-party Audit: Planned
- Community Audit: Welcome to participate

Development Resources

- **GitHub:** Coming soon
 - **Documentation:** Continuously updated
 - **API:** Query interface provided
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Conclusion

Common Prosperity Coin (CPC) is not just a token project, but a social experiment—we believe that through fair rules, transparent code, and steadfast long-termism, we can build a truly community-owned prosperity ecosystem.

"When individual boats unite into a fleet, the tide will turn in our favor."

We reject being harvested, reject being defined. This time, we are not just participants; we are the rule-makers.

Join us in creating the people's digital gold.

Disclaimer

This whitepaper is for informational purposes only and does not constitute investment advice. Cryptocurrency investment carries high risks; please participate cautiously with full understanding of the risks. The CPC team is not responsible for any investment

losses.

Please comply with the laws and regulations of your jurisdiction and ensure you are eligible to participate in cryptocurrency projects.

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