

Abstract

This whitepaper presents TRC, a community-driven BEP-20 token on the Binance Smart Chain designed to deliver a transparent, secure, and scalable utility token. Leveraging decentralized finance (DeFi) principles, TRC combines innovative tokenomics, on-chain governance, and community incentives to create a sustainable ecosystem. This document outlines TRC's mission, technical architecture, token distribution, roadmap, and governance model.

1. Introduction

1.1 Vision & Mission

TRC aims to empower individuals and projects on the Binance Smart Chain by providing a low-fee, high-speed token that rewards long-term holders, fosters community engagement, and supports real-world use cases. Our mission is to build a transparent DeFi ecosystem where users play an active role in governance, liquidity provision, and value creation.

1.2 Background & Motivation

Despite rapid growth in DeFi, many projects suffer from trust issues, volatile liquidity, and weak community alignment. TRC was conceived to address these gaps by:

- Locking substantial initial liquidity to prevent rug pulls.
 - Implementing token burns and buybacks to sustain price.
 - Establishing a clear, community-driven governance framework.
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2. Market Analysis

2.1 DeFi on Binance Smart Chain

BSC has emerged as a leading platform for low-cost, high-throughput DeFi applications. With over \$30 billion in total value locked and hundreds of active protocols, BSC offers fertile ground for utility tokens capable of driving adoption.

2.2 Target Audience & Use Cases

TRC targets three primary segments:

1. **Retail Traders & Holders** seeking low-fee transactions and community rewards.
 2. **Liquidity Providers** incentivized through staking pools and yield farming.
 3. **Partner Projects** that integrate TRC for token swaps, payment rails, or governance.
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3. Tokenomics

3.1 Total Supply & Allocation

Allocation Category	Percentage	Amount (Tokens)
Community & Airdrops	20%	100,000,000
Liquidity & Staking Pools	40%	200,000,000
Team & Advisors (locked)	15%	75,000,000
Reserve & Partnerships	15%	75,000,000
Ecosystem Growth Fund	10%	50,000,000
Total	100%	500,000,000

3.2 Transactional Mechanics

- **Buy / Sell Tax (4%):** 2% redistributed to liquidity pool, 1% burned, 1% added to community grant wallet.
- **Staking Rewards (8%):** Earned by locking TRC in approved pools for fixed terms.

3.3 Deflationary Mechanisms

- **Automated Burns:** 1% of each transaction is sent to a burn address.
 - **Timed Buybacks:** A portion of ecosystem fund will conduct periodic on-chain buybacks.
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4. Technology & Security

4.1 Smart Contract Architecture

- **BEP-20 Standard:** Compatible with wallets and exchanges on BSC.
- **Upgradeable Proxy:** Permissions module for emergency fixes (community-voted).

4.2 Audits & Verifications

- **Third-Party Audit:** Completed by [AuditFirmX], with publicly available report.
- **BscScan Verification:** Source code fully verified; logo and metadata in place.

4.3 Liquidity Lock

An initial 2 million USD equivalent in LP tokens locked for 6 months via Unicrypt. Lock certificate published on the official website.

5. Governance Model

5.1 On-Chain Voting

Token holders may vote on proposals weighted by staked TRC. Proposals include:

- Allocation changes (e.g., additional airdrops).
- Parameter adjustments (e.g., tax rates, staking APY).
- Roadmap priorities.

5.2 Community Council

A rotating council of five community-nominated members oversees daily operations, proposal reviews, and audit follow-ups.

6. Roadmap

Phase	Timeline	Milestones
Phase 1	Q1 2025	Token launch, liquidity lock, CMC/CG listing
Phase 2	Q2 2025	Staking contracts live, governance portal beta
Phase 3	Q3 2025	Cross-chain bridges, strategic partnerships
Phase 4	Q4 2025	Ecosystem fund deployment, mobile wallet SDK

7. Marketing & Adoption

7.1 Community Campaigns

- Airdrops for early adopters and referrals.
- Weekly AMAs and developer updates.

7.2 Partnerships & Integrations

- DeFi aggregators for yield optimization.

- BSC-based NFT and GameFi projects for cross-promotions.
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8. Legal & Compliance

TRC operates under a decentralized governance model. We recommend users and partners conduct due diligence and understand that TRC does not constitute financial advice. All participants adhere to KYC/AML standards where required.

9. Conclusion

TRC sets out to combine robust tokenomics, community governance, and transparent on-chain mechanics to create a sustainable, trust-driven DeFi token. With locked liquidity, an audit in place, and a clear roadmap, TRC is poised to become a valued asset in the Binance Smart Chain ecosystem.

Appendix

- **Liquidity Lock Certificate:** Tokens locked for 70 days via DXAPP. [View certificate here.](#)
- **Contract Address:** [0x593a3839070a7A6C1b73d481D593EE31BC92b14d](#)

This whitepaper is subject to updates based on community feedback and governance votes.