

SilkRoadCoin (SRC) – Official Whitepaper & Roadmap

Version: 1.0 Network: BEP-20 (Binance Smart Chain) Contract Address:
0xfB0F9690114fF06d898cDD86fBA1b49354b6cbb2 Total Supply: 250,000,000
SRC (18 Decimals) Official Website: <https://src.achaemion.com/> Issuer:
Achaemion Ecosystem – Dubai | Mauritius

1. Introduction

SilkRoadCoin (SRC) is a decentralized digital asset meticulously engineered to embody the dynamics of modern global trade routes, specifically those echoing the historical Silk Road in their interconnectedness and economic significance. SRC is not merely a cryptocurrency; it is the native settlement layer designed to operate seamlessly within the broader Achaemion Web3 framework. This framework focuses on bridging traditional economic corridors with decentralized finance (DeFi) principles, ensuring transparency, security, and efficiency in cross-border value transfer and commerce.

SRC is built on the robust and cost-effective Binance Smart Chain (BSC) using the widely accepted BEP-20 standard, ensuring maximum compatibility with existing DeFi infrastructure, wallets, and decentralized exchanges (DEXs). The asset's core utility is tied directly to transactional enablement across Achaemion's suite of platforms, including marketplace settlements, residency payment processing, and decentralized liquidity provision. Furthermore, SRC integrates deflationary mechanics designed to foster long-term value retention for its holders.

The concept underpinning SRC is to create a borderless, trust-minimized medium of exchange that facilitates complex supply chain financing, virtual asset trading, and B2B transactions that traditionally suffer from high latency and intermediary costs in legacy financial systems.

2. Vision & Mission

Vision

To establish SilkRoadCoin (SRC) as the definitive, transparent, and decentralized trade token that serves as the primary medium of settlement for virtual commerce, digital services, and tokenized assets flowing across established and emerging global economic corridors, facilitated by Achaemion technologies.

Mission

Our mission is multifaceted: 1. Utility Delivery: To embed SRC deeply within the Achaemion Ecosystem, ensuring it possesses intrinsic utility as the preferred medium for staking, cross-platform payments, and governance participation. 2. Stability and Liquidity: To maintain a healthy, liquid market environment through automated liquidity provisioning mechanisms funded by transactional taxes, thus supporting predictable settlement values. 3. Cross-Border Facilitation: To provide a streamlined, low-fee, and rapid mechanism for transferring value between jurisdictions, overcoming the friction points inherent in conventional correspondent banking networks. 4. Sustainability: To implement verifiable, on-chain deflationary measures that align holder incentives with the long-term success and reduced circulating supply of the token.

3. Token Overview

The technical specifications of SilkRoadCoin are critical to its functionality and security on the Binance Smart Chain.

Attribute	Details
Name	SilkRoadCoin
Symbol	SRC
Standard	BEP-20
Decimals	18
Total Supply	250,000,000 SRC

Attribute	Details
Contract Address	0xfB0F9690114fF06d898cDD86fBA1b49354b6cbb2
Owner (Admin Wallet)	0xb73997C19722aCe8FA3b4178301D1828Bc89E9E9
Tax Wallet (Marketing/Stability)	0xF9A8Bb84ef445b9499bB0a4E088A321F54B621F9
Buy Tax	5%
Sell Tax	10%
First Burn Event	10% of Total Supply (Executed Post-Launch)
Second Burn Event	5% of Total Supply (Scheduled Post-Phase II)
License	MIT Licensed, contract verified on BscScan for public scrutiny.

The contract implements standard BEP-20 functions, augmented with custom logic for tax collection and automated burning mechanisms. The Owner address retains administrative control necessary for initial deployment, critical upgrades (if implemented via a proxy pattern, though minimized), and the execution of scheduled burn events.

4. Tokenomics

The tokenomics model for SRC is designed around three core pillars: controlled distribution, utilization of transactional taxes for ecosystem health, and inherent deflation to reward long-term holding.

4.1. Initial Distribution Schedule

The initial fixed supply of 250,000,000 SRC is allocated strategically to bootstrap development, marketing, and community growth:

- 80% Treasury/Owner Allocation: This substantial reserve provides the Achaemion Ecosystem the necessary capital flexibility for long-term development, liquidity bootstrapping, strategic acquisitions, and operational runway. This allocation is locked or vested according to internal compliance schedules, minimizing immediate sell pressure.

- 10% Ecosystem Development & Rewards: Reserved for staking rewards, liquidity provider incentives, and development grants necessary to build out the features within the Achaemion Network (SmartVerse, Zarvion Protocol).
- 5% Marketing & Exchange Listing: Dedicated to building global awareness, community engagement campaigns, and securing listings on major centralized exchanges (CEXs) to enhance accessibility and liquidity.
- 5% Strategic Partnerships: Allocated for vested incentives for key integration partners, major institutional adoption efforts, and advisory board compensation.

4.2. Transactional Taxation Structure

All non-internal transfers (buys and sells on DEXs utilizing the tax mechanism) incur a fee, which is immediately allocated upon transaction completion.

Buy Tax (5%): The 5% collected on every purchase is directed entirely towards Liquidity Growth.

$$\text{Buy Tax} = 5\% \rightarrow \text{Automated LP Funding}$$

This mechanism ensures that as trading volume increases, the base liquidity pool (e.g., SRC/USDT) deepens, reducing slippage and enhancing market stability for all participants.

Sell Tax (10%): The 10% fee collected on every sale is split between ecosystem stabilization and marketing efforts, housed in the designated Tax Wallet:

$$\text{Sell Tax} = 10\% \rightarrow \left\{ \begin{array}{l} 7\% \text{ Tax Wallet (Marketing/Stability)} \\ 3\% \text{ Automated Burn} \end{array} \right.$$

Note: The precise split of the 10% sell tax is subject to future minor adjustments based on DAO governance if active, but the initial design allocates a significant portion to the Tax Wallet.

4.3. Deflationary Events

To counteract inflation and reward early adopters, SRC incorporates scheduled, irreversible token destruction events executed directly via the smart contract:

1. Stage 1 Burn: An immediate reduction of 10% of the Initial Total Supply upon verifiable achievement of predefined community and ecosystem milestones (e.g., successful DEX launch and initial liquidity lock verification).
2. Stage 2 Burn: A further reduction of 5% of the Initial Total Supply, scheduled for execution upon the successful integration of SRC into the XERION Global Residency payment system (Phase III completion).

These burns are hardcoded into the contract, ensuring transparency and permanence of the supply reduction. The maximum total deflation from these events alone is 15% of the initial supply, leading to a significantly lower circulating supply over time, assuming sustained utility.

5. Functional Mechanism

The SRC smart contract on BEP-20 is engineered for high performance, security, and specific utility implementation:

- Dual-Phase Taxation: The contract logic distinguishes between `buy` and `sell` transactions to route fees accurately. This separation is crucial for maintaining a predictable liquidity pool (funded by the Buy Tax) while funding operational growth (via the Sell Tax).
- Deflation via Immutable Burn Functions: The contract includes privileged functions callable only by the Owner/DAO to trigger the scheduled burns. Once executed, the tokens are sent to an irreversible burn address (`0x000...000`), permanently removing them from circulation.
- BEP-20 Compliance: Full adherence to the standard ensures compatibility with MetaMask, Trust Wallet, Ledger, and virtually all decentralized applications (dApps) and DEXs operating on BSC. Functions like `approve`, `transferFrom`, and `balanceOf` operate as expected.
- Gas Efficiency: The contract codebase is optimized to minimize computational complexity, resulting in lower gas costs for users executing

standard transfers, a key requirement for high-frequency trading and micro-transactions within Achaemion platforms.

- Future DAO Governance Integration: While initially centralized for deployment and stability assurance, the structure allows for the migration of ownership and critical parameter controls (like tax adjustments, post-burn execution) to a Decentralized Autonomous Organization (DAO) governed by SRC holders, ensuring decentralized control over the protocol's future.
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6. Ecosystem Integration

SilkRoadCoin derives its primary value proposition from its mandatory role within the evolving Achaemion Network. SRC is the foundational economic pillar connecting disparate services under the Achaemion umbrella.

6.1. Core Utility Vectors

A. Transaction Medium for SmartVerse Marketplace: SmartVerse is Achaemion's forthcoming decentralized marketplace for digital goods, real-world assets (tokenized deeds, intellectual property shares), and virtual real estate. SRC will be the primary base currency for all peer-to-peer and business-to-consumer transactions, offering instant, low-cost settlement.

B. Settlement Token for XERION Global Residency Payments: XERION focuses on facilitating global mobility and residency programs. SRC will serve as the preferred, vetted token for paying administrative fees, filing costs, and compliance charges associated with these complex international applications, streamlining cross-jurisdictional financial interactions.

C. Cross-Asset Liquidity Token within Zarvion Protocol: Zarvion Protocol is the DeFi arm, focusing on cross-chain asset bridging and liquidity provision. SRC will function as a highly desirable collateral asset or a core liquidity pairing token, providing stability and yield opportunities within Zarvion's yield farming strategies.

6.2. Active Liquidity Pools

To ensure immediate tradability and market depth post-launch, SRC is initially provisioned across multiple critical liquidity pairs on supported DEXs (e.g., PancakeSwap, or specialized Zarvion DEX instances):

- SRC/USDT (Stablecoin Pairing)
- SRC/WBNB (Base Pairing)
- SRC/MEGALAND (Internal Ecosystem Pairing)
- SRC/FOX (Strategic Partner Pairing)
- SRC/PIGGY (Community/Volume Pairing)

The Buy Tax feeds directly into these pairs, ensuring that trading activity directly contributes to the depth and stability of the market.

7. Governance & Compliance

The long-term viability of SRC depends on its transition to a robust, decentralized governance structure that aligns with evolving international regulatory frameworks.

Migration to DAO Governance: The roadmap includes the transition to a fully functional DAO governed by SRC holders. Initial governance mechanisms will be deployed on the Achaemion Registry Network (ARN).

Achaemion Registry Network (ARN): The ARN is Achaemion's dedicated layer designed to integrate decentralized protocols with emerging global compliance standards, particularly those analogous to the European Union's MiCA (Markets in Crypto-Assets) regulation. This proactive stance ensures that the ecosystem can interact legally and securely with regulated entities worldwide.

Holder Voting: Once activated, SRC holders will propose and vote on critical protocol changes, including: * Adjustments to the Buy/Sell tax structure (within predefined maximums). * Allocation of Tax Wallet funds for major marketing or development initiatives. * Upgrades to the smart contract logic (via proxy mechanisms). * Integration/de-listing of new liquidity pairs.

8. Roadmap

The development and adoption of SilkRoadCoin are structured across distinct, measurable phases to ensure steady progress and community engagement.

Phase	Timeline	Objectives	Key Deliverables
Phase I – Q2 2025	Token Launch & Verification	Secure smart contract deployment and initial market access.	Contract deployed (0xfB0...), full BscScan verification, DEX listing (PancakeSwap), initial liquidity locked.
Phase II – Q3 2025	Supply Stabilization & Reporting	Implement initial deflation and provide transparency on usage.	Execution of Stage 1 Burn (10% Supply). Deployment of the Public Metrics Dashboard tracking Tax Wallet and Burn activity. Tax stabilization parameters finalized.
Phase III – Q4 2025	Ecosystem Integration (Utility Activation)	Hard-linking SRC utility to core Achaemion platforms.	Full operational integration of SRC as the settlement token within the SmartVerse marketplace and successful onboarding for XERION residency payment pilot programs.
Phase IV – Q1 2026	Cross-Chain Expansion	Enhance accessibility and utility beyond the BSC mainnet.	Deployment of secure, audited bridges allowing bidirectional transfer of SRC between BSC and major layer-1/layer-2 networks (e.g., Arbitrum/Solana ecosystems).
Phase V – Q2 2026	Decentralized Governance Activation	Transition core decision-making power to the community.	DAO governance activation via the ARN. Migration of admin keys/ functions (excluding essential emergency backups) to the governance contract. Execution of Stage 2 Burn (5% Supply) upon DAO vote confirmation.
Phase VI –	Enterprise & Adoption Maturity	Focus on high-volume	Securing significant enterprise adoption agreements leveraging Achaemion partner trade programs.

Phase	Timeline	Objectives	Key Deliverables
Q3–Q4 2026		transactional adoption.	Establishment of official fiat on/off ramps integrated with SRC usage corridors.

9. Security & Auditing

Security is paramount for a foundational asset like SRC. Our approach is layered:

- Fixed Supply Minus Burns: The total potential supply is mathematically capped (250M minus committed burns), ensuring no unexpected inflation mechanisms are present outside of the contract code.
 - Transparent Ownership and Tax Flows: All critical contract addresses (Owner, Tax Wallet) are public on BscScan. The logic governing tax collection is auditable within the smart contract source code.
 - Pending Third-Party Audits: Prior to the activation of major utility phases (Phases III and V), the SRC contract will undergo formal audits by reputable blockchain security firms, including but not limited to GoPlus Security and TokenSniffer, to verify the integrity of the taxation, transfer, and burn functions. Audit reports will be made public.
 - MIT License Compliance: Releasing the core logic under the permissive MIT license encourages community review and ensures transparency regarding the open-source nature of the deployment.
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10. Legal Disclaimer

READ CAREFULLY: Investment Risk Notice

SilkRoadCoin (SRC) is a utility token designed to facilitate transactions and governance within the Achaemion Ecosystem. SRC tokens do not, under any circumstances, represent equity, shares, partnership interests, or debt obligations in Achaemion Holding FZ-LLC, Achaemion Ecosystem, or any associated entities.

The value of SRC is entirely market-determined, influenced by supply, demand, adoption rates, and the success of the Achaemion Network. There are no guaranteed returns, yields, or fixed prices associated with holding SRC. Engaging

with SRC involves inherent risks associated with digital assets, including volatility and potential loss of principal. Users should conduct their own thorough due diligence (DYOR) and consult independent legal and financial advisors before acquiring or using SRC.

11. Contact

For inquiries related to technical specifications, partnerships, or support:

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