LAE

LAE Protocol

The Community Network Token

Turning the power of networking into a transparent, on-chain rewards economy.

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ABSTRACT

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LAE is a Web3 protocol that reimagines network-based growth as a transparent, on-chain rewards economy. Traditional networking and referral programs hide their ledgers, delay payouts and concentrate value with intermediaries. LAE replaces that opaque back-office with smart contracts: every referral, rank and reward is a verifiable transaction, settled instantly to self-custodied wallets. This paper describes the $LAE token, its fixed and deflationary supply, the multi-level on-chain reward engine, the technical architecture, security posture, governance path and associated risks.

1. Introduction

Networks create value. Yet the people who build them rarely own a fair, transparent share of the value they generate. Legacy network and affiliate models route rewards through centralized systems that members cannot audit, often with high fees and long settlement windows. LAE applies the guarantees of public blockchains — transparency, immutability and self-custody — to the act of building a network.

2. The Problem

- **Opaque ledgers:** members cannot independently verify how rewards are calculated or whether they were paid.
- **Delayed settlement:** payouts can take weeks and are subject to discretionary holds.
- **Custodial risk:** balances sit with operators, exposing members to insolvency and freezes.
- **Value leakage:** intermediaries capture a disproportionate share of network value.

3. The LAE Solution

LAE encodes the entire reward economy in audited smart contracts. When a member in your network transacts, the protocol automatically routes a share up the referral tree across multiple levels, settling in $LAE to each participant's wallet in the same transaction. There is no back-office, no manual approval and no custodian.

- **Network-to-earn:** earn on the activity of your direct and indirect network, up to seven levels deep.
- **Instant, on-chain settlement:** rewards arrive the moment they are earned.
- **Self-custody first:** connect any Web3 wallet; you always hold your keys and tokens.
- **Deflationary:** a portion of every transaction is burned, tightening supply as the network grows.

4. Token Overview

Token name	LAE
Ticker	$LAE
Max supply	1,000,000,000 (fixed — no minting)
Standard	ERC-20 (multi-chain via canonical bridge)
Networks	Ethereum, BNB Chain, Polygon, Arbitrum

Transaction burn	1.5%
Team vesting	36 months, linear

5. Tokenomics

Supply is fixed at one billion $LAE and can never be inflated. The largest allocation flows directly back to the network participants who grow the protocol.

Allocation	%	Purpose
Network rewards	40%	Routed to members via the on-chain reward engine
Staking & liquidity	22%	Staking emissions and DEX/CEX liquidity
Treasury	15%	Protocol-owned reserves, governed on-chain
Team (vested)	12%	36-month linear vesting, contributor alignment
Ecosystem fund	8%	Grants, integrations, partnerships
Public sale	3%	Initial distribution and price discovery

6. The Network Reward Model

Rewards propagate up a member's referral tree. Each level earns a defined percentage of qualifying downline activity, with a depth bonus that extends up to seven levels. All rates are enforced by the smart contract and are publicly verifiable.

Allocation	%	Purpose
Level 1 — Direct	12%	Members you onboard directly
Level 2	8%	Your network's network
Level 3	5%	Third-degree connections
Level 4–7	3%	Depth bonus across deeper levels

7. Technical Architecture

- **Reward engine:** a gas-optimized contract that computes and distributes multi-level rewards atomically within the triggering transaction.
- **Registry:** an on-chain graph of referral relationships, sybil-resistant and append-only.
- **Staking vaults:** non-custodial vaults that issue rank-based APY and unlock higher reward tiers.
- **Bridge:** a canonical lock-and-mint bridge keeps a unified supply across supported chains.
- **Oracles:** Chainlink price feeds for accurate, manipulation-resistant valuations.

8. Security

Contracts are independently audited and the reports are public. Team tokens are locked in a vesting contract. The protocol follows defense-in-depth practices: least-privilege access, timelocked admin actions, circuit breakers for anomalous activity and an ongoing bug-bounty program. Users remain non-custodial at

all times.

9. Roadmap

Q1 2025 — Genesis	Audit, token generation event, founding network
Q2 2025 — Network launch	On-chain referral engine, multi-level routing, wallets
Q3 2025 — Scale	Staking vaults, mobile dApp, cross-chain bridge
Q4 2025 — Decentralize	LAE DAO governance, treasury votes, rank NFTs
2026 — Ecosystem	Merchant payments, real-world utility, ambassadors

10. Governance

LAE progressively decentralizes into a DAO. $LAE holders propose and vote on protocol parameters, treasury allocation and upgrades. Voting is conducted on-chain with transparent, auditable outcomes, transferring control of the protocol to its community.

11. Risk Factors

- Crypto assets are volatile and may lose all value.
- Smart contracts may contain undiscovered vulnerabilities despite audits.
- Regulatory treatment of digital assets varies by jurisdiction and may change.
- Reward rates and projections are targets, not guarantees, and depend on network activity.

12. Conclusion

LAE brings the transparency and ownership of Web3 to network building. By settling every reward on-chain and keeping members in full custody of their assets, LAE aligns incentives around real, verifiable growth — turning your network into an asset you truly own.