
ALKECOIN TOKENOMICS

Gas and Utility Token for the Alkebuleum Network



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1. Overview

Alkecoin is the native utility token of the Alkebuleum Blockchain, a Pan-African network designed for transparent, low-cost, and reputation-aware on-chain operations.

Tickers

Some venues require a 3-letter ticker, while others standardize on 4 letters. To remain compatible:

- **Primary ticker:** ALKE
- **Alias ticker (3-letter, where required):** AKE

Both tickers refer to the **same token**: the native gas and utility token of the Alkebuleum network. In this document, we call it **Alkecoin (ALKE)**.

Alkecoin is **utility-first**. It powers transactions, smart contract execution, and protocol-level operations. It is **not** designed to represent equity or ownership in any legal entity.

2. Core Attributes

Attribute	Value
Token name	Alkecoin
Ticker	Primary: ALKE · Alias: AKE
Type	Native utility token
Consensus	PORA – Proof of Reputable Authority
Chain ID	237422
Decimals	18
Target block time	~5 seconds
EVM	Fully EVM compatible

Attribute	Value
Fee model	EIP-1559 (base fee burn + tip)

Consensus note (PORA).

PORA (Proof of Reputable Authority) is implemented on top of a Proof-of-Authority consensus engine, extended with a reputation-based validator set and policies for selection, monitoring, and potential rotation of validators.

3. Token Purpose

Alkecoin (ALKE) is required for:

- **Transaction fees** – Paying gas to execute transactions and smart contracts.
- **Execution priority** – Validators can prioritize transactions with higher tips.
- **Network access** – Deploying and interacting with contracts and dApps.
- **Treasury operations** – Funding initiatives by the Alkebuleum Foundation and the Community DAO.
- **Network security incentives** – Supporting validator rewards and operational reimbursements.

Alkecoin **does not grant**:

- Equity or shares in the Alkebuleum Foundation,
- Equity or shares in Alkebuleum Technology LLC, or
- Legal ownership or direct rights to profit distributions from these entities.

Alkecoin is **intended and designed** as a utility token for using the Alkebuleum network.

4. Supply & Founding Branches

4.1 Fixed Supply

- **Total genesis supply:** 1,000,000,000 Alkecoin (ALKE)
- **Decimals:** 18

Beyond the small, defined issuance for validator incentives (see Section 6), no open-ended inflation or arbitrary minting is planned.

4.2 The Three Founding Branches

The Alkebuleum ecosystem is anchored by **three core founding branches**. Together, they hold and manage the entire genesis supply.

Founding Branch	Allocation	Amount (ALKE)	High-Level Role
Alkebuleum Foundation	45%	450,000,000	Long-term public-good stewardship, protocol governance support, ecosystem backstop
Alkebuleum Community DAO	30%	300,000,000	Grassroots governance, community incentives, identity & reputation sponsorship, public-good programs
Alkebuleum Technology LLC	25%	250,000,000	Core protocol & product development, infrastructure, validator operational support

This **45% / 30% / 25%** split defines the strategic distribution and responsibility of Alkecoin across the three founding branches.

4.3 Mapping Genesis Buckets to the Three Branches

On-chain, the genesis distribution is implemented using **five technical allocation buckets**. For operational clarity, these map directly into the three founding branches.

Technical allocation buckets (on-chain):

- Foundation / Treasury
- Dev Team
- Sponsorship (Identity & Reputation)
- Initial Community Usage
- Validator Refunding (Ops Fund)

Conceptual grouping (communications & governance level):

- **Alkebuleum Foundation (45%)**
 - Receives and manages the **Foundation / Treasury** allocation.
- **Alkebuleum Community DAO (30%)**
 - Aggregates **Sponsorship (Identity & Reputation)** and **Initial Community Usage** allocations.
- **Alkebuleum Technology LLC (25%)**
 - Encompasses **Dev Team** and **Validator Refunding (Ops Fund)** roles.

Summary:

- On-chain, **5 buckets** are used for precision and implementation.
- Off-chain, for messaging and governance, Alkecoin is managed through **3 founding branches**.

4.4 Technical Genesis Allocation (Implementation Detail)

For transparency, the underlying five-bucket genesis allocation is:

Allocation Bucket	%	Amount (ALKE)	Primary Use	Founding Branch Grouping
Foundation / Treasury	45%	450,000,000	Long-term reserves, governance, ecosystem backstop	Alkebuleum Foundation
Dev Team	15%	150,000,000	Core development, SDKs, wallets, upgrades	Alkebuleum Technology LLC
Sponsorship (Identity & Reputation)	20%	200,000,000	Gas sponsorship, onboarding, identity & reputation usage	Alkebuleum Community DAO
Initial Community Usage	15%	150,000,000	Faucets, grants, education & adoption programs	Alkebuleum Community DAO
Validator Refunding (Ops Fund)	5%	50,000,000	Validator operating cost reimbursement	Alkebuleum Technology LLC
Total	100%	1,000,000,000		

This is the **technical view**. Strategically and publicly, the system is described in terms of the **three founding branches**.

5. Vesting & Distribution Rules

To protect the network from short-term speculation and centralization, each branch follows clear vesting and usage policies.

5.1 Alkebuleum Foundation (45%)

- **Horizon:** ~10-year sustainability plan.
- **Control:** Managed by a Foundation Council (e.g., multisig), with some powers expected to transition progressively to on-chain governance.
- **Use of funds:**
 - Strategic ecosystem grants and partnerships.
 - Public-good and research programs.
 - Liquidity support or emergency response when network stability is at risk.

- **Discipline & transparency:**
 - The Foundation publishes policies and periodic transparency reports.
 - Major disbursements can be subject to community signaling or DAO input.
 - The Foundation aims to limit yearly net distribution of its allocation, except under extraordinary circumstances clearly communicated to the community.
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5.2 Alkebuleum Community DAO (30%)

The Community DAO is the voice of users, builders, and contributors. It governs the **Sponsorship** and **Community Usage** pools through the uGov DAO platform.

Sponsorship Pool (Identity & Reputation)

- **Intent:** Ensure access to identity and reputation tools regardless of ability to pay.
- **Use cases:**
 - Subsidized or free Alkebuleum identity creation and upgrades.
 - Reputation operations (attestations, verification, credibility scoring).
 - Support for educational, nonprofit, and civic use of the network.
- **Controls:**
 - DAO-managed locked contracts.
 - Only allow-listed contracts and methods can pull from the pool.
 - Identity-linked anti-abuse measures and hard-coded limits (e.g., maximum subsidy per identity).

Community Usage Pool

- **Intent:** Grow real, organic usage of the network.
 - **Programs may include:**
 - Faucets and small onboarding grants.
 - Builder and contributor incentive programs.
 - Hackathons, challenges, and regional education campaigns.
 - **Governance:**
 - Funds are distributed through formal DAO proposals.
 - Each program can define clear KPIs and reporting requirements.
 - Where possible, disbursements use time-locks or streaming to align incentives over time.
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5.3 Alkebuleum Technology LLC (25%)

Alkebuleum Technology LLC leads core development, infrastructure, and tooling, covering both **Dev Team** and **Validator Ops** responsibilities.

Dev & Product Pool

- **Vesting (for core team allocations):**
 - Typical team grants follow a **12-month cliff** and **36-month linear vesting** schedule.
 - Vesting may be linked to milestones (e.g., protocol upgrades, uptime targets, user adoption goals).
- **Scope of work:**
 - Core client development and upgrades.
 - Wallets, SDKs, libraries, and developer tooling.
 - UX and product improvements that make on-chain usage safer and more accessible.

Validator Operations Pool (Ops Fund)

- **Intent:** Allow PORA validators to operate sustainably while maintaining low inflation.
 - **Mechanism:**
 - The Ops Fund provides **SLA-based reimbursement** of operating costs (hardware, hosting, monitoring) for validators that meet performance and reliability criteria.
 - This pool is **separate from protocol-level block rewards** (Section 6) and is intended to stabilize infrastructure, not to replace normal validator earnings.
 - **Governance:**
 - Joint oversight by Alkebuleum Technology LLC and the Community DAO (e.g., via a validator committee or DAO sub-council).
 - Policies (eligibility, caps, metrics) are published and may evolve through open governance processes.
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6. Monetary Policy

6.1 Base Incentive Issuance

- **Baseline block reward:** 0.1 Alkecoin per block.
- **Estimated yearly issuance:** $\approx 630,720$ Alkecoin (assuming ~ 5 -second blocks).
- **Approximate initial inflation:** $\sim 0.063\%$ per year relative to the 1,000,000,000 genesis supply.

This is intentionally **very low inflation**, designed primarily to:

- Ensure long-term validator incentives.
- Keep dilution minimal and predictable.
- Work in tandem with fee burning (Section 6.2) so that at high usage, the network can become **net-neutral or even deflationary**.

Validator rewards breakdown:

- Validators receive:
 - The baseline **0.1 ALKE** block reward, plus
 - **Priority tips** from users under the EIP-1559 fee model.
- The **Ops Fund** (Section 5.3) is **separate** and used to reimburse infrastructure costs, not to pay additional per-block rewards.

Governance of issuance:

In the future, the baseline issuance rate and related parameters may be adjusted via Alkebuleum governance (Foundation + Community DAO). Any change should be:

- Proposed and discussed publicly,
 - Approved through on-chain processes, and
 - Communicated transparently to the community.
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6.2 Fee Burns

Alkebuleum adopts an **EIP-1559-style** fee model:

- Each transaction burns the **base fee** portion of gas.
- As network usage grows, cumulative burned Alkecoin increases.
- Over time, fee burning can offset or exceed issuance, leading to **net-neutral or deflationary** supply behavior at scale.

Additionally, as a policy tool:

- The Foundation and/or Community DAO may choose to **burn tokens from treasury** to adjust long-term supply dynamics or demonstrate commitment to the ecosystem.
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7. Market Conduct & Compliance

Alkecoin (ALKE) is **intended and designed** as a utility token for gas and protocol usage on the Alkebuleum network. It:

- Does **not** represent shares, equity, or ownership in any legal entity.
- Does **not** by itself grant rights to dividends or corporate profit streams.

Alkecoin was **not launched** via a speculative ICO or public token sale.

Tokens may be:

- **Earned** through contributions, grants, or incentives.
- **Acquired** on secondary markets, primarily for the purpose of using the network (fees, deployment, services).

Holding Alkecoin does not, by itself, grant:

- Legal ownership of the Alkebuleum Foundation,
- Legal ownership of Alkebuleum Technology LLC, or
- Direct rights to distributions of their corporate profits.

Monetary policy governance:

Parameters like base issuance, fee formula constants, and treasury burn policies are ultimately subject to the Alkebuleum governance framework (Foundation + Community DAO), and are expected to evolve following transparent, community-visible processes.

8. Summary Snapshot

Metric	Value
Token Name	Alkecoin
Ticker	Primary: ALKE · Alias: AKE
Total Supply	1,000,000,000
Founding Branches	Foundation · Community DAO · Technology LLC
High-Level Split	45% · 30% · 25%
Genesis Buckets	Foundation / Dev Team / Sponsorship / Community / Validator Ops
Monetary Policy	~0.063%/yr issuance + EIP-1559 base fee burn
Consensus	PORA – Proof of Reputable Authority (PoA-based with reputation layer)
Chain ID	237422
ICO	None
Purpose	Gas and utility token for the Alkebuleum network

Disclaimer:

This document is for informational purposes only and does not constitute legal, financial, or investment advice. Anyone interacting with Alkecoin or the Alkebuleum network should perform their own research and, where appropriate, consult professional advisors.