PHLAME PROTOCOL

Identity. Reputation. Community.

An on-chain social reputation ecosystem built on LUKSO.

Document type: Product Introduction

Audience: Community, holders, prospective partners

Version: 1.1

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“Stay Blooming. Stay Burning.” — phlame-protocol.social

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The Big Picture

Most tokens work the same way: you buy, you hold, you sell. Value is purely financial. Who you are, what you've built, how much you've contributed — none of that counts.

Phlame Protocol is built on a different premise.

$PHLAME is a social reputation and community coordination token. It treats your identity, your relationships, your participation, and your trust as real assets — ones that can be measured, recognized, and rewarded on-chain.

If traditional tokens ask *"how much do you hold?"*, Phlame asks **"who are you, and what have you contributed?"**

Built on LUKSO — Why It Matters

Phlame Protocol is built exclusively on LUKSO, a blockchain purpose-designed for digital identity and social applications.

The key difference: every user has a **Universal Profile** — think of it as a living, programmable on-chain identity. Unlike a regular crypto wallet (which is just an address), a Universal Profile can carry your name, avatar, social connections, history, and achievements directly on-chain. It reacts intelligently when it receives tokens. It keeps track of everything you've issued and everything you hold. It can be extended with new capabilities without ever changing its address.

This is the foundation everything else builds on.

The Eight Pillars

BloomScore — Your Reputation, Measured

Your BloomScore is a single number that reflects who you actually are within the Phlame ecosystem. It aggregates five signals, all derived from on-chain data — the underlying signals (your transactions, follows, holdings, metadata) live entirely on-chain, but today the score itself is *computed and served by Phlame's backend*, not calculated by a smart contract. See "Trust assumptions" below for what that means in practice.

- Your **identity completeness** — how fully built your Universal Profile is (name, photo, description, links, tags)
- Your **activity** — how recently and consistently you've been present on-chain (recent activity counts more than old transactions)
- Your **social graph** — your mutual connections, not your raw follower count. Mass-following doesn't game this. Genuine relationships do.
- Your **assets** — the tokens, collectibles, and SoulBlooms you hold across the ecosystem
- Your **reputation coherence** — a balance check across all four dimensions. A profile that's only strong in one area is penalized. Holistic participation is rewarded.

The Bloomboard — a live, public leaderboard — surfaces all of this transparently. Every score is readable by anyone.

The next step: BloomScores will be written directly on-chain into a dedicated smart contract, making them publicly readable and composable by any other application on LUKSO — no API needed.

🏆 AirTrust — Rewards That Go to the Right People

AirTrust is Phlame's community distribution system. Instead of random airdrops that reward bots and speculators, AirTrust filters recipients using live on-chain data: BloomScore, social graph connections, and token holdings — evaluated at the moment of distribution, not from a static snapshot taken weeks earlier.

Operators can layer requirements: minimum reputation score, mutual connections with the community, specific SoulBloom memberships, or minimum $PHLAME holdings. The result is a distribution that reaches people who have actually earned their place — not just anyone who held a token on a given date.

💮 SoulBlooms — Your On-Chain Community Identity

A SoulBloom is a **Soulbound Token** — a digital credential that lives in your Universal Profile and cannot be transferred or sold. It represents your membership, your role, or your achievement within a community.

Phlame offers two types:

Unique SoulBlooms (LSP8) — each token is individually identifiable. Every holder has a distinct credential that can carry their own metadata: Tier, Role, Rank, BloomScore. These can be revoked individually. If a holder was found to be gaming the system, only their token gets wiped — no one else is affected. This is what powers the Garden Guardian SBT.

Non-divisible SoulBlooms (LSP7) — balance-based tokens, used for reward gating and distribution access. Less identity-rich, but useful for access control at scale.

Anyone can deploy their own SoulBloom collection in a few clicks through the SoulBloom Creation interface, without writing any code. Smart contracts handle the rest.

🛠 SBT Manager — Community Infrastructure

The SBT Manager is the full back-office for community operators. From a single interface:

- Create and configure your SoulBloom collection (unique or non-divisible)
- Manage community roles and permissions across a four-level hierarchy
- View all your holders, each enriched with their live BloomScore
- Assign and update **Tiers** — Recruit, Awakened, Celestial, Mythic — based on activity, conviction, or social contribution
- Trigger reward distributions directly to your holder segments
- Govern your community based on reputation, not wealth

The Tier system is built into each token's metadata. A holder's Tier evolves as they contribute — the token doesn't change, but what it says about them does.

👑 Governance — Reputation-Aware Roles

Four on-chain community roles, enforced through SoulBlooms:

- **Co-Founder** — full control, manages Admins
- **Admin** — manages Moderators and Minters
- **Moderator** — manages community settings
- **Minter** — can issue and revoke SoulBlooms

Each role is protected against privilege escalation at the contract level. An Admin cannot grant Co-Founder. A Moderator cannot mint. These rules are enforced on-chain — not just in the interface.

Roles are tied to trust and reputation, not token holdings. You earn your place.

🏊 Pool Rewards — Fee-Free Daily Rewards

Phlame runs a daily reward system where eligible holders claim token rewards without paying any transaction fees. The protocol covers the gas cost on their behalf through a dedicated protocol-owned smart account that relays the transactions.

Eligibility can combine any of the following criteria: - Minimum BloomScore - Token holdings (any amount of any token) - Social graph depth (number of mutual connections) - Active liquidity position on Phlox, with a configurable waiting period verified by the position's creation date on-chain - Token held for a minimum number of days - SoulBloom membership in a specific collection

These requirements can be stacked and customized per reward pool — enabling highly targeted daily incentive programs for specific community segments.

Current $FABS Pool Rewards parameters (production): - **Minimum token holding:** 42,000 $FABS - **Active LP threshold:** the position's value is checked with a small tolerance to absorb pool-price rounding — practically, `>= 41,999.5 $FABS`-equivalent counts as meeting the 42,000 threshold. If your position sits *right* at the edge and isn't registering as active, top it up to **42,001** to clear the threshold with margin. - **LP waiting period:** the position must be at least a configurable number of days old (verified from its on-chain creation date) before it counts as "active" for rewards - **Daily reset:** all cooldowns and eligibility checks reset at **00:00 UTC** - **Claim limit: one claim per UP per day** — enforced server-side via a Redis-backed cooldown keyed to your address, not just hidden in the interface

If you're just under a threshold, a rounding artifact from the pool's live price feed can occasionally make an exact-boundary balance evaluate as slightly below it — this isn't a bug in your favor or against you, it's why we recommend holding a small buffer above any published minimum rather than the exact number.

💮 Community Bloom — Collective Milestone Rewards

Community Bloom turns daily participation into a shared, visible goal. A live counter tracks how many daily reward claims happen within the current cycle — every claim across the community moves the needle, not just your own.

Reach the milestone before the cycle's countdown runs out, and a token airdrop fires automatically to every Universal Profile that claimed that day on the Bloomboard — provided their BloomScore clears a minimum bar, keeping the reward focused on genuine participants rather than one-off wallets. If the countdown expires first, the cycle simply resets and starts fresh — no penalty, just another chance.

The Garden surfaces this as a living, progressively-revealing card: a progress bar, a claims counter, and an image that sharpens into focus as the community gets closer to the goal — turning an individual daily action into a visible act of collective momentum.

Why it matters: most airdrops reward isolated individual actions. Community Bloom rewards the community hitting a goal *together* — it's a coordination mechanic as much as a distribution one, encouraging the Garden to show up for each other, not just for themselves.

🔥 $PHLAME — Participating > Holding

$PHLAME is the ecosystem's coordination token. Its distribution reflects the project's priorities:

- **20%** distributed via pre-launch airdrop to the active community
- **60%** allocated to the initial liquidity pool (LYX/PHLAME on Phlox)
- **10%** allocated to a USDC/PHLAME liquidity pool, managed by an AI agent
- **10%** reserved for future initiatives, publicly communicated

🌸 Community Rewards Program

Phlame operates a discretionary community reward program: a portion of swap fees generated on Phlox is allocated by the Phlame team to three groups of holders, distributed in $LYX. This is a community incentive program — not a guaranteed financial return — and allocations may evolve over time.

🎟 **Phlame Ticket NFT** — ~10% of the reward pool, for early supporters.

🌱 **Genesis Bloomer NFT** — ~5% of the reward pool, for founding community members.

🛡 **Garden Guardian SBT** — ~85% of the reward pool, split into two parts:

- **Base rewards** — shared equally between every SBT holder, regardless of holdings
- **Tier bonus** — weighted by conviction

TIER	$PHLAME HELD	BONUS
🌱 Recruit	333k – 2.1M	Base only
🌿 Awakened	2.1M – 5M	+15%
🌸 Celestial	5M – 20M	+35%
🐝 Mythic	20M+	+50%

The structure is non-dilutive: rewards come from swap activity, not from printing new tokens.

🔒 Liquidity — Locked, Guarded, Transparent

The 60% of $PHLAME allocated to the initial liquidity pool is not held in a personal wallet, and it was not burned in the traditional sense. Instead, the LP position was placed into a dedicated liquidity Universal Profile — a **"controller-stripped liquidity UP"** — that no one controls alone.

Rather than paying a platform or keeping the liquidity personally, Phlame chose a different path: using LUKSO's native permission system (LSP6 Key Manager) to lock the LP in a transparent, on-chain structure with clearly scoped, verifiable access.

The setup is simple and fully auditable: - The original controller EoA was **stripped of all permissions** — it can no longer interact with the UP - The Phlame protocol UP was granted access to **collect fees only** from the Phlox liquidity contract — nothing else - A trusted community member was granted emergency access to the Phlox contract exclusively (to decrease liquidity or transfer ownership of the position if needed), with no link to the token itself

The permission structure itself is verifiable on-chain, right now, by anyone — no multisig black box, no platform dependency. (Note: this covers the *liquidity UP's permissions*, not every other part of the protocol — see "Trust Assumptions" below for what still relies on Phlame's backend.)

> *The liquidity isn't burned and forgotten — it's locked, watched, and verifiable.* 🔒

Verify it yourself: - Liquidity UP — on-chain inspector — see every controller and permission directly - Verified contract source (Blockscout) — search the deployed contract addresses listed in References below - Audit details: see the Technical Documentation's "Contract Verification" section for scope and methodology

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The Garden — Why SoulBlooms Had to Become What They Are

Phlame launched with a 420M token supply across multiple airdrop phases. Shortly after launch, trading fees were activated alongside an additional token drop. What followed was predictable: Universal Profiles that had never bought a single token farmed the airdrop and immediately sold everything. No contribution. Pure extraction.

A regular token balance can't tell you who is real and who is farming. A Soulbound Token can.

Each Garden Guardian SBT is unique, traceable, and revokable. If you're here to build — you keep it. If you came to extract — you get wiped. The Garden is self-selecting. The SBT is the filter.

> *"We're moving from 'who got tokens' to 'who actually deserves to be in the Garden'." — Phlamey*

How It All Connects

```
Universal Profile  ←  your living on-chain identity
       ↓
  BloomScore       ←  your reputation, measured across five signals
       ↓
  SoulBlooms       ←  your memberships, tiers & achievements
       ↓
  AirTrust         ←  value distributed to those who earned it
       ↓
  Pool Rewards     ←  daily fee-free rewards for eligible participants
       ↓
  Community Bloom  ←  collective milestones, shared airdrops
       ↓
  Governance       ←  coordination driven by reputation, not wealth
       ↓
  Community Reward Program  ←  $LYX flowing back to aligned holders
       ↓
  Community Growth
```

Every layer feeds the next. A richer profile improves your BloomScore. A stronger BloomScore unlocks better AirTrust eligibility and Pool Rewards access — and Pool Rewards claims are exactly what feeds the Community Bloom counter. Your SoulBloom Tier determines your reward multiplier. Governance roles are earned. Everything flows through your Universal Profile.

Trust Assumptions

Phlame is not a fully trustless system today, and we'd rather say that plainly than let the on-chain framing overstate it. Here's exactly where you're trusting Phlame's backend and team, not just a smart contract:

- **BloomScore is computed off-chain.** The underlying signals (transactions, follows, holdings, profile metadata) all live on-chain, but the *scoring itself* — the weighting, aggregation, and final number — runs on Phlame's servers, not in a smart contract. The backend could, in principle, compute a score incorrectly (by bug or by intent) without an on-chain check to catch it. The roadmap's on-chain BloomScore Registry is meant to close this gap over time, but it isn't live yet.
- **Reward eligibility is enforced off-chain.** Whether you qualify for a Pool Rewards claim, an AirTrust drop, or a Community Bloom payout is decided by server-side logic evaluating on-chain state — the eligibility *check* itself is not a smart contract rule anyone can independently verify at claim time.
- **The protocol UP sends the actual rewards.** Distributions are executed by a Phlame-controlled Universal Profile (the Pool Rewards UP). You're trusting that this UP is funded, operated honestly, and not compromised.
- **Admins can configure exceptions.** A small allowlist mechanism lets the team grant specific addresses eligibility outside the standard filters (e.g., for early contributors). This is an intentional, disclosed administrative capability — not a backdoor we're hiding — but it does mean eligibility isn't purely algorithmic in 100% of cases.

None of this is unusual for an early-stage protocol, and each of these points has a stated on-chain migration path. But we'd rather list them explicitly than let phrases like "everything is on-chain" imply more than is currently true.

Known Limitations

- **Indexer downtime.** BloomScore and leaderboard data depend on third-party indexers (Envio, Sigmacore, Blockscout). If one of these services is down or degraded, scoring or leaderboard updates can lag or temporarily fail.
- **Redis/cache dependency.** Scores, sessions, and cooldowns are cached server-side. A cache outage can cause stale reads or temporary claim failures — it doesn't put funds at risk, but it can affect availability.
- **RPC failure.** Reads and writes to LUKSO mainnet depend on RPC providers. An RPC outage can delay score computation, claim execution, or on-chain verification checks.
- **BloomScore is not fully on-chain yet.** As noted above, the score is computed and stored server-side today. Treat it as a reputation signal maintained by Phlame, not yet as a trustless on-chain fact — that's the explicit goal of the roadmap's BloomScore Registry, not the current state.

Who Is It For?

Community builders who want to reward long-term members, contributors, and trusted participants — not just whoever holds the most tokens.

LUKSO ecosystem participants who want their Universal Profile to mean something beyond an address — a real, portable reputation that travels with them across applications.

Anyone skeptical of speculation-first tokenomics — Phlame is a live experiment in making social capital a programmable, on-chain primitive that actually does something.

References

Official Phlame Protocol

RESOURCE	URL
Phlame Protocol dApp	https://phlame-protocol.social
𝕏 / Twitter	https://x.com/Phlamey_
LYX/PHLAME Liquidity Pool on Phlox	https://phlox.social/pools/0x0000000000000000000000000000000000000000000000000000000000000041

Liquidity UP (on-chain inspector)	https://erc725-inspect.lukso.tech/inspector?network=mainnet&address=0x194b1CDac7e379c9b9786524A7E01C0E85751144

On-Chain Assets

ASSET	ADDRESS
Garden Guardian SBT	https://universaleverything.io/collection/0x5ead85529f2b8af8f2396845a32d883efd9bac98
Phlame Ticket NFT	https://universal.page/assets/lukso/0xe8731f5d5002e2261175afb970517d4c5dad028c
Genesis Bloomer NFT	https://universal.page/assets/lukso/0xc9c5c12f73c40c21009a585cc7e3b0fa2f5e5b88

LUKSO Ecosystem

RESOURCE	URL
LUKSO — Official Site	https://lukso.network
LUKSO Developer Documentation	https://docs.lukso.tech
Universal Profile Browser Extension	https://docs.lukso.tech/install-up-browser-extension
Universal Everything (NFT explorer)	https://universaleverything.io
Universal Page (profile/asset explorer)	https://universal.page
Phlox DEX (LUKSO-native AMM)	https://phlox.social

LUKSO Standards (LSPs)

STANDARD	DESCRIPTION	REFERENCE
LSP0	Universal Profile (ERC725 smart contract account)	https://docs.lukso.tech/standards/accounts/lsp0-erc725account
LSP1	Universal Receiver (reactive asset hook)	https://docs.lukso.tech/standards/accounts/lsp1-universal-receiver
LSP3	Profile Metadata schema	https://docs.lukso.tech/tools/dapps/lsp-utils/LSP3ProfileMetadata/
LSP4	Digital Asset Metadata (name, symbol, URI, attributes)	https://docs.lukso.tech/standards/tokens/LSP4-digital-asset-metadata
LSP5	Received Assets registry (ERC725Y)	https://docs.lukso.tech/tools/dapps/lsp-utils/LSP5ReceivedAssets/
LSP6	Key Manager (permissions layer)	https://docs.lukso.tech/tools/dapps/lsp-utils/LSP6KeyManager/
LSP7	Digital Asset (fungible / non-divisible)	https://docs.lukso.tech/standards/tokens/LSP7-digital-asset
LSP8	Identifiable Digital Asset (NFT / SBT)	https://docs.lukso.tech/standards/tokens/LSP8-identifiable-digital-asset
LSP12	Issued Assets registry	https://docs.lukso.tech/tools/dapps/lsp-utils/LSP12IssuedAssets/
LSP17	Contract Extensions (attach modules without redeployment)	https://docs.lukso.tech/contracts/contracts/LSP17ContractExtension/LSP17Extension/
LSP26	Follower System (on-chain bidirectional follow registry)	https://docs.lukso.tech/standards/accounts/lsp26-follower-system

Ethereum Standards Referenced

STANDARD	DESCRIPTION
ERC725	Key-value store + execute interface (ERC725X + ERC725Y)
EIP-1167	Minimal Proxy / Clone pattern
EIP-1271	Standard Signature Validation for Contracts
EIP-4361	Sign-In with Ethereum (SIWE)
EIP-5192	Minimal Soulbound NFT