



EQTY Litepaper

The Tokenization of Real-World Assets

The tokenization of real-world assets isn't a distant future — it's happening now.

Yet in the rush to bring assets on-chain, one critical element has been overlooked: **trust**.

Today's platforms tokenize claims, not ownership. They offer access, not assurance.

EQTY is different.

We are building the missing link between real-world legal ownership and blockchain liquidity.

Anchored proofs. Verifiable attestations. Privacy-respecting compliance. Real assets.

EQTY doesn't just connect assets to DeFi — it connects them to reality.



Introduction

The tokenization of real-world assets (RWA) is no longer an idea for tomorrow — it's unfolding today, with major institutions and blockchain platforms racing to bring trillions of dollars in real estate, equity, and commodities onto public networks.

Global figures

- Real Estate ≈ \$280 trillion
- Art ≈ \$1.7 trillion
- Collectibles ≈ hundreds of billions
- Infrastructure + Private Equity + Debt ≈ \$12 trillion

Industry forecasts expect the tokenized-asset market to reach **\$16 trillion by 2030 (BCG 2023)**.

But beneath this momentum, a structural flaw persists: most platforms are DeFi wrappers around centralized promises.

They focus on who can trade a token, not whether the token represents enforceable ownership.

They prioritize liquidity but neglect verifiable reality.

They offer access but leave trust behind.

EQTY was built to solve this at the root:

real-world assets require tokenization that is verifiable, auditable, and defensible — both on-chain and in court.

Where others chase liquidity, **EQTY starts with ownership.**

Because without trust, liquidity is just noise.



The Problem with Existing RWA Platforms

As RWA tokenization gains momentum, dozens of platforms offer compliance frameworks and issuance tools. At first glance, the problem looks solved — yet the root of trust remains centralized.

Platforms decide:

- Which issuers are credible
- Whether documents are valid
- Whether assets are real

This makes the platform itself the authority.

Users trust a business, not a verifiable system.

And when revenue grows with lower standards, integrity suffers.

True decentralization becomes impossible; trust turns into a business variable.

Fragile Proof of Ownership

Compliance rails exist, but ownership proofs often don't.

Documents live off-chain, identities are internal, and “ownership” rests on a platform's word.

Investors end up trusting intermediaries instead of cryptography.



Private Data and Legal Histories

Real-world assets carry private histories — maintenance logs, transfers, disputes, restrictions.

Centralized models fail to manage these securely. Without verifiable histories, provenance breaks and legal risk grows.

Liquidity is Gated

Tokenization promises liquidity but delivers walled gardens.

Assets remain trapped in closed ecosystems instead of freely composable DeFi.

Why This Isn't Enough

If RWA tokenization is to unlock trillions, it must be:

- Cryptographically verifiable
- Auditable by third parties and courts
- Anchored beyond any single platform
- Transferable and composable across open finance

Without these pillars, tokenized assets risk becoming a new centralized form of illiquidity.



Tokenizing Real-World Ownership

Tokenizing a real-world asset is not about minting a token; it's about encoding **verifiable ownership**.

For tokenization to hold legal and financial weight, representation must be trustless, immutable, and privacy-aware.

EQTY on Base is built from the ground up to achieve exactly that.

Decentralized Trust and Anchored Proofs

Ownership claims mean little without external validation.

EQTY enables decentralized attestations anchored directly on **Base** — not in a proprietary ledger.

Independent verifiers such as notaries, appraisers, or legal entities sign attestations that confirm an asset's authenticity or legal status.

These proofs are written as on-chain events and stored immutably.

No centralized validator, no platform custody — only verifiable facts anchored publicly.



Ownables: Private, Immutable Ownership Dossiers

Ownership is more than a token; it's a living dossier of rights and history.

Ownables encapsulate each asset's private data — title deeds, contracts, encumbrances, insurance, legal events — into a secure digital container managed by the holder.

In the Base-era architecture:

- Ownables are managed by a TypeScript private layer, running locally or via trusted services.
- Each update (a new lease, dispute, or valuation) creates a cryptographically signed event.
- Proofs of those events are anchored to Base for immutability.

Transfers automatically include the asset's full dossier.

Audit trails are tamper-proof yet privacy-preserving; only the rightful owner can decrypt them.

Owning an asset on EQTY therefore means owning its **verified legal reality**, not just a tradable claim.



Orchestrating Legal Procedures with LetsFlow

Tokenizing ownership is not only technical — it must mirror real-world legal procedures: registration, title transfer, lien handling, and more.

These processes vary per jurisdiction and asset class.

A rigid, single-process model cannot serve all.

LetsFlow solves this through a flexible, auditable workflow engine designed for legal precision.

- Each procedure — registration, verification, ownership transfer — is expressed as an event-driven workflow.
- Every step produces verifiable on-chain proofs anchored to Base.
- The current state of any procedure equals the result of a tamper-proof sequence of events.

LetsFlow combines procedural flexibility with blockchain auditability, allowing EQTY to adapt to local laws without sacrificing decentralization.

Fractionalization through Tokenized Vaults

Verifiable ownership alone does not unlock participation.

To make assets accessible and liquid, ownership must be divisible.

EQTY achieves this via **tokenized vaults**, built on the **ERC-4626** standard.

Each asset represented by an NFT can be deposited into a vault that issues ERC-20 shares — each share representing proportional ownership.

These shares are tradable, composable, and DeFi-compatible.



Built-In Safeguards

- **Soft cap:** minimum capital required for activation.
- **Hard cap:** maximum accepted funding.
- **Pending state:** all funds locked until vault success or refund.

Once finalized:

- Capital is released to the issuer or custodian.
- Shares are distributed proportionally.
- Shares become fully transferable and can trade immediately on open markets.

Vaults form the bridge between the legal world of assets and the open economy of DeFi — without custodial lock-in.



DeFi Integration and Secondary Liquidity

After finalization, ownership becomes fluid.

Shares — now standard ERC-20 tokens — can circulate freely through DeFi protocols.

To ensure instant liquidity, EQTY vaults employ **automated liquidity provisioning**:

- A portion of the raised funds (USDC, ETH)
- And a portion of shares

are automatically added to a Uniswap v3 pool on Base.

This creates a live market from day one — no centralized listing, no intermediaries.

Price discovery happens transparently through supply, demand, and investor confidence.

Governance and Compliance

Fractional ownership must remain actionable, not static.

Assets evolve — generating income, requiring decisions, and occasionally being sold or refinanced.

EQTY enables **on-chain governance** tied directly to share ownership.

- Governance uses EQTY ERC-20 tokens on Base.
- Voting follows OpenZeppelin Governor standards.
- Decisions — budgets, sales, distributions — are recorded immutably.

Control follows ownership: investors are not passive; they are **co-owners**.



Enforcing Real-World Outcomes

Each tokenized asset is bound by a legal wrapper defining enforceable rights.

When token-based votes trigger actions, appointed custodians or notaries execute them — sales, transfers, or distributions.

Governance is therefore binding, not advisory.

Jurisdictional Flexibility

EQTY remains jurisdiction-aware:

- Workflows adapt to national laws.
- Legal custodians operate transparently under local regulation.
- Smart contracts reference jurisdiction-specific procedures.

This ensures global scalability without compromising verifiability.

Platform Fees and Token Integration

EQTY operates on Base with a transparent, usage-driven economy.

Instead of staking or validator rewards, EQTY uses a **burn-for-fee model** that directly ties network activity to token scarcity.



How Fees Work

- Platform actions (vault deployment, anchoring, governance proposals) require small EQTY burns.
- Fees collected in USDC or EQTY flow into on-chain Fee Pools.
- Burning EQTY reduces supply while granting network utility.

This aligns platform growth with sustainable tokenomics:

- More usage → more burns → scarcer token supply.
- No intermediary profit extraction — all value circulates within the ecosystem.

Revenue Streams

EQTY generates recurring revenue from:

1. Asset issuance (success fees)
2. Secondary trading activity
3. Legal and custodial integrations

All transparent, programmatic, and aligned with long-term network growth.



Where It All Comes Together

EQTY on Base unifies everything into a verifiable, scalable framework for real-world asset tokenization.

Anchored proofs, private ownership dossiers, fractional vaults, and decentralized governance together form a new infrastructure layer for trust.

No more dependency on closed chains or proprietary validators.

EQTY bridges legal reality with open DeFi — creating liquid markets for provable ownership.

This is not another toolkit.

It is the completion of a vision:

verifiable, enforceable, and composable ownership — at scale.

EQTY is where real-world assets meet the future of finance.