

# Whitepaper: Gild (GILD)

Gild Whitepaper  
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## Abstract

Gild (GILD) is a modular Layer-1 blockchain that "gilds" your investments by covering them in gold-standard utility, speed, and profitability. Combining hybrid Proof-of-Stake (PoS) with Proof-of-History (PoH), it achieves 10,000 TPS and sub-second finality while integrating AI for yield optimization and cross-chain liquidity. Inspired by the concept of gilding—enhancing value with gold—it targets DeFi, NFTs, and RWAs like tokenized gold, outperforming benchmarks with 10-15% staking APY.

## 1. Introduction

In 2025, blockchain success requires speed, real-world utility, and high incentives. Gild addresses this with:

- **Speed:** Parallel processing for high TPS.
- **Utility:** AI-driven vaults and gold-themed RWAs.
- **Staking:** Liquid delegation with gold boosts for premium yields.

## 2. Technology Overview

- **Consensus:** Hybrid PoS + PoH (Solana/Monad-inspired) for security and efficiency.
- **Architecture:** Modular EVM-compatible with ZK data availability.
- **Speed:** 10,000 TPS, 0.5s block time, 1s finality.
- **Security:** Slashing (5-50%), multi-asset collateral, Sybil resistance.

## 3. Tokenomics

- **Total Supply:** 1,000,000,000 GILD.
- **Allocation:**

Category	Percentage	Amount (GILD)	Vesting
Presale/Liquidity	20%	200M	Immediate
Staking Rewards	40%	400M	10 years linear
Ecosystem/Dev Fund	20%	200M	2-year cliff + linear

Treasury	20%	200M	Governance-locked
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- **Inflation:** 6% annual (adjustable), 50% burned.
- **Fees:** 70% to stakers, 50% burned post-distribution.
- **APY Formula:**  $(\text{Inflation} * \text{Staking Ratio}) + (\text{Fees} * 0.7) / \text{Total Staked}$ .  
Example: At 60% ratio and \$10M fees: ~12% base.

#### 4. Utility Features

- **DeFi:** AI vaults for auto-yields, lending with gold boosts.
- **Cross-Chain:** Bridges to ETH/SOL for liquidity.
- **RWAs:** Tokenized gold integration for "gilded" assets.
- **Governance:** veGILD holders vote.

#### 5. Staking Mechanism

- **Type:** Liquid with gold boosts (up to 20% extra).
- **Min Stake:** 32 GILD.
- **Rewards:** 10-15% APY, daily compound.
- **Unbonding:** 7-21 days. Slashing for issues.

#### 6. Roadmap

- Q3 2025: Testnet, Base deploy.
- Q4 2025: Mainnet, Coinbase listing.
- 2026: RWA expansions.

#### 7. Team & Compliance

- Founders: Independent developer with blockchain experience in Ethereum/Solana projects.
- Legal: Utility token (Howey-compliant). Audits planned.
- Risks: Volatility, adoption—mitigated by burns/governance.

#### 8. Conclusion

Gild enhances crypto like gold leaf—join at [gild.cc](https://gild.cc).