

TerraBlock DAO Whitepaper

Token: QORI

Version 1.0 – July 2025



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1. Executive Summary

TerraBlock DAO is a decentralized project focused on environmental and real estate impact, integrating blockchain technology with land tokenization. Its token, QORI, represents fractional ownership of real land with significant ecological value. The project's mission is to offer transparent, accessible, and environmentally responsible investment opportunities.

Our flagship project covers 10 hectares located in La Serena, Chile, a region rich in biodiversity and home to migratory bird wetlands. TerraBlock DAO provides investors the opportunity to co-own a protected natural ecosystem, with long-term appreciation benefits.

2. Theoretical Framework

Asset Tokenization

Tokenization enables the digital representation of real assets such as land, allowing them to be fractioned and traded on blockchain. This unlocks liquidity and democratizes investment (Schär, 2021).

Decentralized Autonomous Organizations (DAOs)

DAOs are governance structures managed by smart contracts, enabling transparent and community-led decisions (Hassan & De Filippi, 2021).

Hybrid Governance

A phased model combining centralized direction in early stages with progressive decentralization for scalability and efficiency (Wang et al., 2022).

Regenerative and Environmental Principles

By integrating principles of regenerative land use and conservation, we generate environmental value alongside financial returns (Hawken, 2017).

Bitcoin Backing and Spot Strategy

The QORI token is also backed by Bitcoin purchases made at spot during technically favorable zones, helping stabilize its value (Antonopoulos, 2017).

3. Project Description

TerraBlock DAO tokenizes ecologically valuable land, starting with 10 hectares of protected territory in La Serena, Chile. This area includes migratory bird wetlands and a natural ravine.

The QORI token allows investors to hold a digital stake in this land and in future acquisitions under the same model. The goal is to expand this ecosystem of protected lands backed by crypto assets and governed via DAO.

4. Governance Model (Hybrid DAO)

Initially led by the founding team, governance will progressively shift to the community through on-chain voting tools such as Snapshot. This hybrid model enables strategic focus with growing community participation.

5. Environmental and Social Impact

Each land acquisition will integrate conservation, reforestation, or biodiversity preservation programs. The La Serena project focuses on: - Protecting habitats of migratory birds - Preventing unregulated urban expansion - Educating the community on environmental responsibility

Future tokenizations will replicate this model in other biogeographic regions.

6. Roadmap

Phase 1: Foundation (Q1–Q2 2025)

- Token creation and legal structure
- Selection of the pilot site in La Serena

Phase 2: Capitalization and Community (Q3 2025)

- Wallet integration and presale
- Strategic partnerships

Phase 3: Web3 Expansion (Q4 2025 – Q1 2026)

- DAO tools (Snapshot, treasury dashboard)
- Staking models and community engagement

Phase 4: DAO Scaling and Land Expansion (2026 onward)

- New land acquisitions and tokenization
 - Governance decentralization
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7. Tokenomics

Token Name: QORI

Type: Dividend Token

Blockchain: Polygon (POS)

Total Supply: 21,000,000 QORI

Token Address: 0xbEe2FD0CA4DD4864531664eA61A1F2af0D36b386

Owner Address: 0x8e15bD56063680bDA960b0CFd229aada452117B1

Mint Date: April 8, 2025

Fee Structure:

- 3% Rewards (redistributed to holders)
- 3% Liquidity

Current Circulating Supply: ~20,790,000 QORI

Proposed Distribution (subject to DAO definition):

- 60% Public Sale and Community
- 15% DAO Treasury and Reserve
- 10% Founders and Core Team (with vesting)
- 10% Strategic Partners and Advisors
- 5% Environmental Fund

Governance Mechanisms:

- Active Dividend Tracker contract
 - Snapshot-based governance planned
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8. Team

Jorge Baltra Canihuante – CEO and Founder

Architect with a creative and analytical methodology. Leads the vision and execution of TerraBlock DAO.

Felipe González Valderrama – Blockchain Developer

Smart contract expert and technical consultant experienced with Polygon and BSC.

Oscar Mauricio Morales Muñoz – Financial Advisor

Auditor and early crypto enthusiast. Mentor of the project's financial approach.

9. Strategic Partnerships

The DAO seeks alliances with environmental NGOs, land-use institutions, and Web3 infrastructure providers to validate, monitor, and amplify its impact.

10. Token Backing Strategy

QORI will be backed by: - Ownership of physical lands - Bitcoin reserves acquired through a conservative spot strategy during favorable technical zones

This dual-backing structure reinforces the token's long-term credibility and value preservation.

11. Financial Projections

The following projections estimate the development of the QORI ecosystem over a 24-month horizon, considering scenarios based on progressive growth, token appreciation, and backed assets.

| Scenario | Estimated Circulation | Projected Price | Approximate Backing |
|--------------|-----------------------|-----------------|-------------------------------------|
| Conservative | 2,000,000 QORI | \$0.10 USD | 10 hectares of land + \$100K in BTC |
| Moderate | 5,000,000 QORI | \$0.30 USD | 30 hectares of land + \$500K in BTC |
| Optimistic | 10,000,000 QORI | \$1.00 USD | 100 hectares of land + \$2M in BTC |

Notes: - *Estimated circulation* refers to tokens held by the community, including public sales and staking programs. - *Projected price* considers appreciation driven by demand, scarcity, BTC backing, and land value. - *Backing estimates* follow a reinvestment model: 60% in strategic land acquisition, 30% in BTC purchases via spot strategy, and 10% for the DAO treasury.

12. Conclusion and Future Vision

TerraBlock DAO introduces a new paradigm in real estate, blending regenerative land management, decentralized governance, and asset-backed tokenomics. Beginning with a tangible project in La Serena, Chile, the DAO aims to scale its ecological and financial model across new territories.

With QORI, investors acquire more than tokens: they co-create a network of protected natural spaces backed by real-world assets and governed by a global community.

Together, we build freedom backed by land.