

TerraBlock DAO Whitepaper

Token: QORI

Version 1.0 – July 2025



Table of Contents

1. Executive Summary
2. Theoretical Framework
3. Project Description
4. Governance Model (Hybrid DAO)
5. Environmental & Social Impact
6. Roadmap
7. Tokenomics
8. Team
9. Strategic Alliances
10. Token Backing Strategy
11. Financial Projections
12. Conclusion & Future Vision

1. Executive Summary

TerraBlock DAO is a decentralized real estate and environmental impact project that integrates blockchain technology with land tokenization. Its token, QORI, represents fractional ownership in real-world, environmentally significant land. The project's mission is to create transparent, accessible, and ecologically responsible investment opportunities.

Our first flagship project encompasses 10 hectares located in La Serena, Chile — an area rich in biodiversity and home to migratory bird wetlands. TerraBlock DAO offers investors the opportunity to own part of a protected natural ecosystem while benefiting from long-term digital asset value appreciation.

2. Theoretical Framework

Asset Tokenization

Tokenization allows real-world assets like land to be digitally represented, split, and traded on blockchain. This unlocks liquidity and opens investment to a broader base (Schär, 2021).

Decentralized Autonomous Organizations (DAOs)

DAOs are smart contract-driven governance structures allowing transparent, community-led decision-making (Hassan & De Filippi, 2021).

Hybrid Governance

A phased model combining centralized direction in early stages with gradual community decentralization offers better scalability and efficiency (Wang et al., 2022).

Environmental & Regenerative Principles

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

Bitcoin Backing & Spot Strategy

The QORI token is also backed by Bitcoin purchases made at spot prices during technical entry zones, further stabilizing token value (Antonopoulos, 2017).

3. Project Description

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

The token QORI allows investors to own a digital stake in this territory, and in future lands acquired using a similar model. The goal is to expand this ecosystem of protected lands, backed by crypto assets, and governed through a DAO.

4. Governance Model (Hybrid DAO)

Initially led by the founding team, governance will progressively shift to the community using on-chain voting systems such as Snapshot. This hybrid structure provides strategic focus while gradually introducing democratic control mechanisms.

5. Environmental & Social Impact

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

Future land tokenizations will replicate this model across other bioregions.

6. Roadmap

Phase 1: Foundation (Q1-Q2 2025)

- Token creation and legal structuring
- Selection of La Serena pilot site

Phase 2: Capitalization & Community (Q3 2025)

- Wallet integration and presale
- Strategic partnerships

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

- DAO tools (Snapshot, Treasury dashboard)
- Staking models and community onboarding

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

- New territory acquisition and tokenization
 - Governance decentralization
-

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

Fees Structure:

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

Current Circulating Supply: ~20,790,000 QORI

Token Allocation Proposal (to be refined by DAO):

- 60% Public Sale & Community Distribution
- 15% Treasury & DAO Reserve
- 10% Founders & Core Team (vested)
- 10% Strategic Partners & Advisors
- 5% Environmental Fund

Governance Tracker:

- Dividend Tracker Contract Enabled
 - Snapshot governance planned for proposal/voting
-

8. Team

Jorge Baltra Canihuante – CEO & Founder

Architect with strong analytical and creative methodology expertise. Leads the TerraBlock DAO vision and execution.

Felipe González Valderrama – Blockchain Developer

Smart contract developer and technical consultant with experience in Polygon and BSC.

Oscar Mauricio Morales Muñoz – Financial Advisor

Accountant and early crypto adopter, mentoring the project's financial integrity.

9. Strategic Alliances

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

10. Token Backing Strategy

QORI will be backed by: - Physical land ownership - Bitcoin reserves acquired through a conservative spot strategy during favorable market zones

This dual-backing structure enhances long-term token credibility and value preservation.

11. Financial Projections

Three scenarios modeled over a 24-month horizon:

Conservative: - Token circulation: 2M QORI - Token value: \$0.10 USD - Backing: 10 hectares + \$100K BTC reserve

Moderate: - Token circulation: 5M QORI - Token value: \$0.30 USD - Backing: 30 hectares + \$500K BTC reserve

Optimistic: - Token circulation: 10M QORI - Token value: \$1.00 USD - Backing: 100 hectares + \$2M BTC reserve

12. Conclusion & Future Vision

TerraBlock DAO introduces a new paradigm in real estate, combining regenerative land stewardship, decentralized governance, and asset-backed tokenomics. Beginning with a concrete project in La Serena, Chile, the DAO aims to expand its ecological and financial model to other territories.

With QORI, investors are not only acquiring tokens — they are co-creating a network of protected natural spaces, backed by real assets and governed by a global community.

Together, we build land-backed freedom.