

# QoreChain

## Tokenomics

### The Quantum-Ready AI-Native Blockchain

#### Token Economics & Distribution Model

Version 2.1 (Community-Funded Edition)

<b>Total Supply:</b>	4,500,000,000 QOR
<b>Estimated TGE Listing Price:</b>	\$0.02 USD
<b>Pre-Sale Price:</b>	\$0.018 USD (10% discount)
<b>Launch Market Cap:</b>	~\$6,080,000 USD
<b>Fully Diluted Valuation:</b>	~\$88,400,000 USD (post-burn)
<b>Initial Circulating:</b>	~6.0% (265,775,000 QOR post-burn)

QoreChain Association  
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# 1 Executive Summary

**QoreChain** is a next-generation Layer 1 blockchain designed with post-quantum cryptography (PQC) and AI-native operations at its core. Built on the proven Cosmos SDK foundation with CosmWasm smart contracts, **QoreChain** provides developers with a quantum-resistant, AI-powered platform for the next generation of decentralised applications.

This version 2.1 of the QoreChain Tokenomics document reflects a deliberate strategic repositioning: **QoreChain launches as a community-funded Layer 1**, following the most successful launch patterns of 2024-2026. The result is a leaner, lower-float, deflation-weighted token structure with minimised Day 1 sell pressure and stronger long-term holder alignment.

## 1.1 Core Metrics

Metric	Value	Notes
Total Supply	4,500,000,000 QOR	Fixed maximum supply, controlled emissions
Immediate TGE Burn	80,000,000 QOR	1.78% of supply burned at genesis
Effective Supply Post-Burn	4,420,000,000 QOR	Used for FDV calculation
Estimated TGE Listing Price	\$0.02	Post pre-sale, on CEX listing day
Initial Circulation	~265,775,000 QOR	~6.0% effective float (post-burn)
Market Cap (TGE)	~\$5,315,000	Conservative, community-aligned
FDV (TGE, post-burn)	~\$88,400,000	Within optimal \$25M-\$200M bracket
FDV/MC Ratio	~16.6x	Reflects deliberate low-float strategy
Community Distribution	735,000,000 QOR	16.3% of total supply

Table 1: Core tokenomics metrics for QoreChain v2.1

## 1.2 Strategic Positioning

**QoreChain** positions itself uniquely in the blockchain ecosystem:

- **Quantum-Ready:** Native PQC implementation, not bolted-on
- **AI-Native:** Protocol-level AI operations and primitives via QCAI
- **Developer-First:** QoreChain Studio for AI-assisted development
- **Accessibility:** Voice-first interface for inclusive design
- **Interoperable:** Cosmos IBC native, EVM-compatible, SVM-compatible
- **Community-Funded:** Direct community subscription model, no large VC anchor

## 1.3 Key Differentiators (v2.1)

The v2.1 tokenomics reflects lessons learned from 2024-2026 Layer 1 launches and the strategic decision to lead with community alignment over institutional capital:

1. **Community-Funded Launch:** No launchpad, no IDO, no large institutional anchor. Public Sale is the primary fundraising mechanism with a realistic \$2.7M target.

2. **Very Low Initial Float (~6.9%):** Research on 2025 launches indicates that tokens with sub-10% initial float significantly outperform higher-float launches in their first month of trading.
3. **Sub-\$100M FDV:** Sits in the optimal \$25M-\$200M FDV bracket identified across multiple independent analyses as the strongest-performing range for new token launches.
4. **Airdrop Deferred to Post-Listing:** Eliminates Day 1 sell pressure from airdrop recipients; tranching distribution across 4 months smooths sell pressure over time.
5. **Strong Deflationary Mechanisms:** 80M QOR burned at genesis (1.78% of supply) plus ongoing fee burns and milestone burns.
6. **Conservative Public Sale Vesting:** 15% TGE unlock + 30-day cliff + 6-month linear, protecting Week 1 trajectory.
7. **Light Node Rewards:** Fee distribution includes light node operators, a unique participation incentive.
8. **Cross-Network Validator Economics:** Validators earn from block production plus cross-network bridge attestations across 25+ connected chains.

## 2 Token Allocation

### 2.1 Overview

The total supply of 4.5 billion QOR tokens is allocated across eight primary categories, designed to maximise community ownership, fund ecosystem growth, and ensure long-term sustainability. The v2.1 allocation removes the Launchpad/IDO category entirely and reallocates capital to Liquidity Provision, Staking Rewards, Treasury Reserve, and the Burn pool.

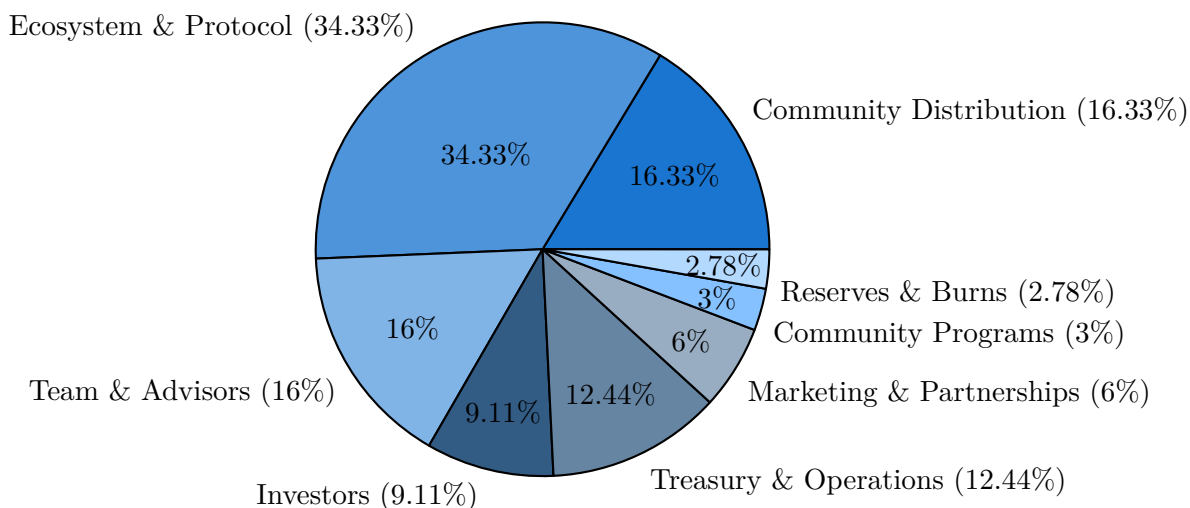


Figure 1: QoreChain v2.1 token allocation by category

### 2.2 Detailed Allocation Breakdown

Category	Amount (QOR)	% Supply	TGE Lock	Un- Vesting
<b>1. COMMUNITY DISTRIBUTION (16.33%)</b>				
Community Airdrop	450,000,000	10.0%	0%	4 monthly tranches starting 45 days post-listing
Public Sale	150,000,000	3.33%	15%	30-day cliff + 6 months linear
Early Contributors	135,000,000	3.0%	0%	6 months linear
<i>Subtotal</i>	<i>735,000,000</i>	<i>16.33%</i>	—	—
<b>2. ECOSYSTEM &amp; PROTOCOL (34.33%)</b>				
Ecosystem Fund	270,000,000	6.0%	8%	48 months
Developer Grants	270,000,000	6.0%	0%	60 months
Staking Rewards	590,000,000	13.11%	2%	48 months
Liquidity Provision	190,000,000	4.22%	60%	12 months
Validator Incentives	112,500,000	2.5%	8%	36 months

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Table 2 – continued from previous page

Category	Amount (QOR)	% Supply	TGE Un-lock	Vesting
Bug Bounty	67,500,000	1.5%	15%	48 months
Security Audits	45,000,000	1.0%	25%	24 months
<i>Subtotal</i>	<i>1,545,000,000</i>	<i>34.33%</i>	—	—
<b>3. TEAM &amp; ADVISORS (16%)</b>				
Core Team	540,000,000	12.0%	0%	12m cliff + 48m linear
Advisors	135,000,000	3.0%	0%	6m cliff + 30m linear
Early Contributors	45,000,000	1.0%	0%	6m cliff + 24m linear
<i>Subtotal</i>	<i>720,000,000</i>	<i>16.0%</i>	—	—
<b>4. INVESTORS (9.11%)</b>				
Seed Round	225,000,000	5.0%	0%	12m cliff + 24m linear
Private Round (actually sold)	5,000,000	0.11%	5%	9m cliff + 21m linear
Strategic Round (deferred Q3-Q4 2026)	180,000,000	4.0%	—	Reserved for future round
<i>Subtotal</i>	<i>410,000,000</i>	<i>9.11%</i>	—	—
<b>5. TREASURY &amp; OPERATIONS (12.44%)</b>				
Treasury Reserve	335,000,000	7.44%	0%	Governance
Foundation Ops	135,000,000	3.0%	10%	36 months
Future Partnerships	90,000,000	2.0%	15%	30 months
<i>Subtotal</i>	<i>560,000,000</i>	<i>12.44%</i>	—	—
<b>6. MARKETING &amp; PARTNERSHIPS (6%)</b>				
Marketing Operations	112,500,000	2.5%	0%	Held in treasury pre-TGE, 36m post
Strategic Partners	90,000,000	2.0%	0%	6m cliff + 12m linear + milestones
KOL & Influencers	45,000,000	1.0%	0%	30-day cliff + 6 months linear
Community Campaigns	22,500,000	0.5%	15%	12 months linear
<i>Subtotal</i>	<i>270,000,000</i>	<i>6.0%</i>	—	—
<b>7. COMMUNITY PROGRAMS &amp; GOVERNANCE (3%)</b>				
Ambassador Program	67,500,000	1.5%	25%	24 months
Content Creators	22,500,000	0.5%	35%	18 months
Education	22,500,000	0.5%	20%	30 months

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Category	Amount (QOR)	% Sup- ply	TGE Un- lock	Vesting
Governance/DAO	22,500,000	0.5%	15%	36 months
<i>Subtotal</i>	<i>135,000,000</i>	<i>3.0%</i>	—	—
<b>8. RESERVES &amp; BURNS (2.78%)</b>				
Emergency Reserve	22,500,000	0.5%	0%	Emergency only
Burn Reserve	80,000,000	1.78%	100%	Burned at TGE genesis
Insurance Fund	22,500,000	0.5%	10%	48 months
<i>Subtotal</i>	<i>125,000,000</i>	<i>2.78%</i>	—	—
<b>TOTAL</b>	<b>4,500,000,000</b>	<b>100%</b>	<b>~7.7%</b> <b>gross /</b> <b>~6.0%</b> <b>post-burn</b>	—

Table 2: Complete v2.1 token allocation breakdown

### 2.3 Circulating Supply at TGE

At Market TGE (the moment public trading begins on CEXs), the initial circulating supply will be approximately 265,775,000 QOR (~6.0% of total supply post-burn), distributed as follows:

Category	QOR Amount	USD Value @ \$0.02
Community Distribution (Public Sale 15%)	22,500,000	\$450,000
Ecosystem & Protocol (partial)	177,775,000	\$3,555,500
Marketing & Partnerships (partial)	3,375,000	\$67,500
Private Investors (5% of actual sold 5M)	250,000	\$5,000
Strategic Investors (deferred Q3-Q4 2026)	0	\$0
Treasury & Operations (partial)	27,000,000	\$540,000
Community Programs (partial)	32,625,000	\$652,500
Reserves (Burn at TGE + Insurance partial)	82,250,000	\$1,645,000
<b>Gross Circulating</b>	<b>345,775,000</b>	<b>\$6,915,500</b>
<i>Immediate Burn (Burn Reserve)</i>	<i>-80,000,000</i>	<i>-\$1,600,000</i>
<b>Effective Supply After Burn</b>	<b>~265,775,000</b>	<b>~\$5,315,500</b>
<i>Less Liquidity Provision (in pools, not freely tradeable)</i>	<i>-114,000,000</i>	<i>-\$2,280,000</i>
<b>Effective Holder-Available Supply</b>	<b>~151,775,000</b>	<b>~\$3,035,500</b>

Table 3: Initial circulating supply breakdown at Market TGE (v2.1)

**Community-First Composition:** Of the holder-available circulating supply at TGE, the dominant non-LP component is Ecosystem & Protocol tokens deployed for network operations (validator incentives, staking rewards seed, bug bounty, security audits). True community-held tokens at Day 1 are limited to the 15% Public Sale unlock (22.5M QOR), reinforcing the deliberate decision to defer airdrop distribution until 45 days post-listing.

**Note on Liquidity Provision tokens:** The 114M QOR deployed at TGE for Liquidity Provision are technically in circulation but are locked in DEX liquidity pools and CEX market maker inventory, providing trading depth rather than being available for retail sale.

### 3 Fundraising Strategy

#### 3.1 Pre-TGE Investment Rounds

**QoreChain** conducts fundraising rounds with a clear strategic priority: community-funded launch over institutional anchor. The Private and Strategic rounds remain available primarily for value-aligned partners rather than as the principal source of capital.

Round	Price	Actual / Reserved Allocation	Raise	FDV
Seed	\$0.005	225M QOR (5%)	\$1,125,000	
Private (actually sold)	\$0.010	5M QOR (0.11%)	\$50,000	
Strategic (deferred)	\$0.015	180M QOR (4%, reserved Q3-Q4 2026)	Deferred	
Public Sale	\$0.018	150M QOR (3.33%)	\$2,700,000 (target)	
<b>Realistic Total Raise Target</b>	—	<b>~560M QOR (incl. reserved)</b>	<b>~\$2.5M-3.0M</b>	

Table 4: v2.1 fundraising rounds overview

#### Strategic Notes:

- The Private Round allocation is reduced to the 5M QOR actually sold (raising \$50K). The originally-planned 270M capacity is closed; the unsold 265M QOR has been reallocated (165M to Staking Rewards, 100M to Treasury Reserve).
- The Strategic Round 180M QOR allocation is held in foundation treasury and reserved for a Q3-Q4 2026 strategic round, after mainnet metrics (TVL, validator count, transaction volume) provide leverage for negotiating better terms with strategic investors.
- The Public Sale at 150M QOR represents a 10% discount to the estimated TGE listing price of \$0.02, providing fair early access to community participants while maintaining a defensible raise target.

#### 3.2 Vesting Schedules by Round

Round	TGE Unlock	Cliff Period	Linear Vesting
Seed	0%	12 months	24 months
Private (actually sold)	5%	9 months	21 months (on remaining 95%)
Strategic (if sold post-TGE)	5%	6 months	18 months
Public Sale	15%	30 days	6 months (on remaining 85%)

Table 5: v2.1 investor and Public Sale vesting schedules

**Design Rationale for Public Sale Vesting:** The 15/30/6 structure was selected as the optimal balance between sell pressure protection and buyer attractiveness. Comparative analysis of 2024-2025 Layer 1 launches indicates that fully-unlocked or near-fully-unlocked public sale models contributed to high Week 1 volatility, while excessively restrictive vesting (e.g., 0% TGE with long cliffs) discouraged subscription. The 30-day cliff covers the critical Week 1-4 window where launch trajectory is established.

### 3.3 Use of Funds (Realistic v2.1 Allocation)

Based on the realistic raise target of \$2.5M-3.0M, the use of funds is restructured as follows:

Category	Allocation % (Range)	Purpose
Marketing & Community Growth	35%	Brand building, KOL programmes, paid camp
Development	20%	Mainnet stability, QCAI integration, Studio v
Operations	20%	Team salaries, infrastructure, cloud
Reserve	15%	Buffer for opportunities and contingencies
Legal & Compliance	10%	Swiss compliance, multi-jurisdiction reviews
<b>Total</b>	<b>100%</b>	—

Table 6: v2.1 use of funds (proportional allocation)

**Runway Implication:** At a realistic raise of \$2.8M and a monthly burn of approximately \$200K, the projected runway is approximately 14 months post-TGE, covering mainnet stabilisation, the Strategic Round preparation window, and the first major investor unlock cliff (Month 9).

## 4 Vesting & Release Schedule

### 4.1 Unlock Timeline

The following table illustrates the token unlock milestones over 60 months. The schedule is calibrated against the v2.1 allocation:

Period	Cumulative	% of Supply	Period $\Delta$	Key Events
TGE (Month 0)	304,050,000	6.9%	—	Public Sale 15%, Liquidity, partial Ecosystem
Month 1	425,500,000	9.6%	121,450,000	First Airdrop tranche, Public Sale linear begins
Month 2	545,000,000	12.3%	119,500,000	Second Airdrop tranche
Month 3	660,000,000	14.9%	115,000,000	Third Airdrop tranche, Public Sale month 3
Month 4	760,000,000	17.2%	100,000,000	Fourth (final) Airdrop tranche
Month 6	920,000,000	20.8%	160,000,000	Public Sale fully vested, Advisor cliff ends
Month 9	1,075,000,000	24.3%	155,000,000	Private Round cliff ends
Month 12	1,300,000,000	29.4%	225,000,000	Seed + Core Team cliffs end
Month 18	1,800,000,000	40.7%	500,000,000	Peak unlock period
Month 24	2,300,000,000	52.0%	500,000,000	Strategic + Private fully vested
Month 36	3,200,000,000	72.4%	900,000,000	Most vestings end
Month 48	3,800,000,000	86.0%	600,000,000	Core Team fully vested
Month 60	4,200,000,000	95.0%	400,000,000	Developer Grants fully vested

Table 7: v2.1 token unlock schedule milestones (approximate)

**Note:** Figures are illustrative and assume actual rounds are filled at planned capacity. Strategic Round tokens remain locked in foundation treasury until sold; Private Round tokens reflect only actual amounts raised. The remaining approximately 5% (220M QOR) consists of the Treasury Reserve (governance-controlled), Emergency Reserve, and residual foundation allocations.

### 4.2 Critical Unlock Events

Three major unlock events require special attention and mitigation strategies:

- Months 1-4 (Airdrop Tranches):** 4 monthly tranches of 112.5M QOR (25% of airdrop each)
  - Tranches begin 45 days post-listing and continue monthly
  - Mitigation: Spread distribution avoids single-day concentration; retroactive sybil filtering applied per tranche
- Month 9 (Private Round Cliff):** First major investor unlock begins
  - Mitigation: QoreChain Studio v2.0 launch, partnership announcements, treasury buybacks
- Month 12 (Seed + Team Cliff):** Largest unlock acceleration
  - Mitigation: Team stake commitment, treasury buybacks active, milestone burn triggers

### 4.3 Vesting Formula

For linear vesting schedules, the monthly unlock amount is calculated as:

$$U_m = \frac{A_{total} \times (1 - P_{tge})}{T_{vesting}} \quad (1)$$

Where:

- $U_m$  = Monthly unlock amount
- $A_{total}$  = Total allocation for category
- $P_{tge}$  = Percentage unlocked at TGE
- $T_{vesting}$  = Vesting period in months

For schedules with cliff periods, unlocking begins only after the cliff expires.

## 5 TGE Terminology

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For clarity in interpreting the vesting schedules in this document, the QoreChain launch involves two distinct events that should not be conflated:

- **Technical TGE** refers to the QoreChain mainnet genesis block, the moment at which QOR tokens are technically created on-chain. This is an engineering milestone.
- **Market TGE** refers to the listing day on which public trading of QOR begins on centralised exchanges. This is the price-discovery milestone.

**All vesting schedules in this document use Market TGE as the reference point** for TGE unlock percentages, cliffs, and linear vesting periods. Tokens with "TGE unlock" begin liquid distribution on the day public trading commences, not at the technical mainnet launch.

The launch calendar, fundraising round dates, and exchange listing schedule are maintained separately from this document and are subject to operational considerations. For current launch dates, refer to official QoreChain communication channels.

## 6 Token Utility & Economics

### 6.1 Core Utility Functions

The QOR token serves multiple critical functions within the **QoreChain** ecosystem:

#### 6.1.1 1. Network Operations (Gas Fees)

All transactions on **QoreChain** require QOR for gas fees:

Transaction Type	Typical Cost (QOR)
Simple transfer	0.01
Smart contract deployment	10-100
Contract interaction	0.1-1
Cross-chain IBC message	0.5-5
AI audit request (via QCAI)	5-50

Table 8: Gas fee structure

Gas fee distribution:

- 37% to validators (security and cross-network attestation incentive)
- 30% burned (deflationary pressure)
- 20% to treasury (protocol development)
- 10% to stakers (staking rewards supplement)
- 3% to light node operators (network participation incentive)

#### 6.1.2 2. Staking (Network Security)

Proof-of-Stake consensus via PRISM requires QOR staking:

Period	Estimated APY	Emission Budget (QOR)
Year 1	8–12%	127,500,000
Year 2	6–10%	106,250,000
Year 3–4	5–8%	85,000,000/year
Year 5+	Governance-determined	Remaining budget from 425M pool

Table 9: Staking rewards schedule (v2.1, expanded budget)

**APY Note:** Actual APY depends on the total amount staked. Higher participation rates distribute rewards across more stakers, resulting in lower per-token yield. The ranges above assume 40-70% staking participation of circulating supply. The expanded 425M QOR Staking Rewards pool in v2.1 (up from 225M in v2.0) extends APY runway by approximately 90%.

**Key Parameters:**

- Minimum validator stake: 100,000 QOR
- Minimum delegator stake: 10 QOR

- Unbonding period: 21 days
- Target staking rate: 60% of circulating supply

### 6.1.3 3. QoreChain Studio Services

AI-powered development platform with tiered pricing, powered by QCAI:

Tier	Cost	Features
Free	0 QOR/month	10 AI generations/month
Pro	100 QOR/month	Unlimited generations (QCAI Fast)
Enterprise	1,000 QOR/month	White-label, SLA, QCAI Advanced
<i>Pay-as-you-go Services:</i>		
AI contract generation	10-50 QOR	Per contract
AI security audit	50-200 QOR	Per contract
Formal verification	100-500 QOR	Complex contracts

Table 10: QoreChain Studio pricing

### 6.1.4 4. Cross-Network Validator Operations

Beyond standard block production, QoreChain validators operate bridge watchers and earn attestation fees across 25+ connected Layer 1 networks. This cross-network revenue stream is unique to QoreChain validators and is denominated and paid in QOR, creating sustained programmatic demand for the token from professional validator operators.

### 6.1.5 5. Governance

DAO governance for protocol decisions:

- Voting power: 1 staked QOR = 1 vote (with duration multipliers)
- Proposal threshold: 10,000 staked QOR
- Quorum requirement: 10% of staked supply
- Proposal reward: 1,000 QOR if passed

## 6.2 Deflationary Mechanisms

Multiple burn mechanisms create continuous deflationary pressure:

Mechanism	3-Year Burn (Est.)	% of Supply
Immediate Burn (TGE)	80,000,000	1.78%
Gas fee burns (30%)	17,520,000	0.39%
Contract creation fees	3,750,000	0.08%
Studio services (50%)	15,450,000	0.34%
Treasury buybacks	5,000,000	0.11%
Failed transactions	630,000	0.01%
Governance burns	10,000,000	0.22%
<b>Base 3-Year Burn</b>	<b>132,350,000</b>	<b>2.94%</b>
<i>Milestone Burns (triggered by network adoption):</i>		
1M transaction milestone	22,500,000	0.50%
10M transaction milestone	22,500,000	0.50%
<b>Potential 3-Year Burn</b>	<b>177,350,000</b>	<b>3.94%</b>

Table 11: Projected token burns over 3 years (v2.1, with expanded immediate burn)

**Milestone Burns:** These are one-time burn events triggered when the network reaches predefined adoption thresholds. They serve a dual purpose: creating deflationary pressure and generating marketing moments that celebrate network growth. Milestone burns are executed automatically when the threshold is verified on-chain.

**Burn Rate Formula:**

$$B_{annual} = (T_{daily} \times 365 \times 0.3 \times F_{avg}) + B_{studio} + B_{buyback} + B_{milestone} \quad (2)$$

Where:

- $B_{annual}$  = Annual burn amount
- $T_{daily}$  = Average daily transactions
- $F_{avg}$  = Average gas fee per transaction
- $B_{studio}$  = Studio service burns
- $B_{buyback}$  = Treasury buyback burns
- $B_{milestone}$  = Milestone-triggered burns (if threshold met that year)

## 7 Market Analysis & Comparable Positioning

### 7.1 Competitive Positioning

**QoreChain** enters the market with a deliberately community-aligned valuation informed by lessons from recent Layer 1 launches:

Project	Circ%	Launch MC	FDV	FDV/MC	Year
Ethereum	80%	\$14.6M	\$18.3M	1.25x	2014
Solana	38%	\$77M	\$200M	2.60x	2020
Avalanche	36%	\$230M	\$640M	2.78x	2020
Celestia	25%	\$300M	\$1.2B	4.00x	2023
Hyperliquid	31%	\$1.5B	\$4.2B	2.80x	2024
Aptos	16%	\$1.2B	\$7B	5.83x	2022
Berachain	16%	\$500M	\$3B	6.00x	2025
<b>QoreChain (v2.1)</b>	<b>~6.0%</b>	<b>\$5.32M</b>	<b>\$88.4M</b>	<b>16.6x</b>	<b>2026</b>

Table 12: Launch metrics comparison with major Layer 1 blockchains

#### Key Observations:

- QoreChain’s ~6.0% initial circulation places it in the lowest-float category, which independent research on 2025 launches identifies as statistically the strongest-performing bracket for first-month price stability.
- The \$88.4M post-burn FDV sits firmly in the optimal \$25M-\$200M range identified by multiple independent analyses as the strongest-performing bracket for new token launches.
- The higher FDV/MC ratio (16.6x vs Aptos 5.83x) is a direct consequence of the deliberate low-float strategy. Unlike billion-dollar FDV launches where this ratio signals overvaluation risk, QoreChain’s sub-\$100M FDV keeps the absolute valuation within the optimal sustainability range.
- Pre-sale entry at \$0.018 with TGE listing at \$0.02 provides community participants with measurable upside while keeping speculation grounded.
- Lower absolute FDV means future growth potential is captured primarily by post-launch holders, not pre-launch insiders.

### 7.2 Growth Milestones

Rather than speculative price targets, **QoreChain** defines success through measurable network adoption milestones:

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<b>Metric</b>	<b>Month 6</b>	<b>Year 1</b>	<b>Year 3</b>
Total Value Locked (TVL)	\$10M+	\$100M+	\$1B+
Daily Transactions	100K+	1M+	10M+
Active Addresses	50K+	500K+	5M+
Deployed Contracts	500+	5,000+	50,000+
Active Validators	100+	200+	500+
Staking Participation	50%+	60%+	70%+
Registered Developers	1,000+	10,000+	100,000+

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Table 13: Network growth milestones

**Milestone-Linked Value Accrual:** As these milestones are achieved, they trigger deflationary burns. More importantly, they reflect genuine protocol utility: more transactions generate more fee revenue, more TVL signals ecosystem trust, and more developers build the application layer that drives sustained demand for QOR.

## 8 Marketing Budget & Strategy

### 8.1 Pre-TGE Marketing Approach

In v2.1, marketing operations during the pre-TGE phase are funded primarily in FIAT from Pre-Sale proceeds rather than through token distributions. The 112.5M QOR Marketing Operations allocation remains locked in foundation treasury during the pre-TGE period and becomes available for post-TGE activation.

**Rationale:** Each QOR token has greater strategic value after TGE, when it can be used for staking incentives, ecosystem campaigns, post-TGE partnership negotiations, or buyback-and-burn operations from market activity.

### 8.2 Marketing Allocation Overview

A total of 270,000,000 QOR (6% of supply) is allocated to marketing and growth, with a deliberate shift toward post-TGE deployment:

Category	QOR Amount	TGE Unlock	Vesting
Marketing Operations	112,500,000	0%	Treasury, 36-month flexible
Strategic Partnerships	90,000,000	0%	6m cliff + 12m linear + milestones
KOL & Influencers	45,000,000	0%	30-day cliff + 6m linear
Community Campaigns	22,500,000	15%	12m linear
<b>Total</b>	<b>270,000,000</b>	<b>~1.3% avg</b>	—

Table 14: v2.1 marketing budget allocation with revised vesting

### 8.3 Post-TGE Marketing Strategy

The post-TGE marketing approach prioritises three pillars:

- 1. Trader Demand Building (Months 1-6):** Targeted campaigns on crypto media, KOL partnerships with performance-based bonus structures, community engagement through Discord and Telegram, conference presence at Cosmoverse, TOKEN2049, and ETHGlobal events.
- 2. Korean Market Push (Months 2-9):** Korean retail markets represent approximately 96% of regional crypto trading volume. Specific outreach to Korean exchanges, KOLs, and community partners to enable KRW pair quoting and regional listing pathways.
- 3. Developer Evangelism (Months 3-12):** QoreChain Studio adoption campaigns, hackathon sponsorships, developer grants distribution from the dedicated 270M QOR pool.

## 8.4 Marketing Timeline

Phase	Activities	Funding
<b>Pre-TGE Phase</b>	Pre-Sale marketing push	FIAT from existing funds
	Community mobilisation (Discord, X, Telegram)	FIAT + organic
	PR launch (community-funded narrative)	FIAT
<b>TGE Launch Phase</b>	Listing announcements	FIAT from Pre-Sale
	CEX co-marketing campaigns	Negotiated with venues
	Week 1-4 sustained push	FIAT + Community Campaigns
<b>Post-TGE Phase</b>	Airdrop tranche events	FIAT + QOR campaigns
	Korean market push	FIAT + KRW MM
	Developer evangelism	QOR (Developer Grants)
	Strategic Round preparation	Metrics-driven outreach

Table 15: v2.1 marketing timeline and funding sources

## 9 Liquidity & Exchange Strategy

### 9.1 Initial Liquidity Deployment

Total liquidity allocation: 190,000,000 QOR (4.22% of supply) = approximately \$3,800,000 at TGE price.

Venue	QOR Amount	USD Pairing
<b>DEX Liquidity (60%)</b>		
Osmosis (Cosmos)	65,000,000	\$1,300,000
Uniswap V3 (Ethereum, wQOR)	35,000,000	\$700,000
PancakeSwap (BNB Chain, wQOR)	14,000,000	\$280,000
<b>CEX Market Making (40%)</b>		
Primary Market Maker	50,000,000	\$1,000,000
Secondary Market Maker	20,000,000	\$400,000
Reserve	6,000,000	\$120,000
<b>Total</b>	<b>190,000,000</b>	<b>\$3,800,000</b>

Table 16: v2.1 initial liquidity distribution (expanded depth)

### 9.2 Market Making Agreement Terms

#### Primary Market Maker:

- Allocation: 50M QOR + \$1M USD equivalent
- Duration: 24 months minimum
- Performance targets:
  - Maximum spread: 0.3% on major pairs
  - 24/7 liquidity provision (95%+ uptime)
  - Minimum \$50K depth at  $\pm 1\%$  from mid-price
  - Minimum \$150K depth at  $\pm 2\%$  from mid-price
  - Regime-segmented reporting (normal vs high-volatility days)
- Fee structure: Loan/option with near-the-money strikes within 25%

#### Secondary Market Maker:

- Allocation: 20M QOR + \$400K USD equivalent
- Mixed model (retainer + performance bonus)
- Staggered contract length (18 months) to avoid simultaneous renewal pressure

## 10 Risk Analysis & Mitigation

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### 10.1 Risk Matrix

Risk Category	Severity	Likelihood	Impact
Pre-Sale Undersubscription	High	Medium	Reduced runway, reputational
Market Downturn	High	Medium	Price suppression
Token Unlock Pressure	Critical	High	Sell pressure at Months 9-12
Competition	Medium	High	Market share loss
Regulatory	Medium	Medium	Legal constraints
Technical Bugs	High	Low	Security breach
Low Adoption	Medium	Medium	Ecosystem failure
Liquidity Crisis	Low	Low	Mitigated by expanded liquidity pool

Table 17: Risk assessment matrix (v2.1)

### 10.2 Key Risk Mitigation Strategies

#### 10.2.1 Pre-Sale Undersubscription Risk

##### Mitigation Strategies:

1. Conservative sizing: announce \$2M soft target with \$3M hard cap, allowing oversubscription as positive signal
2. Community-first marketing 7-14 days before Pre-Sale opens
3. Tiered Pre-Sale structure to reward early subscribers
4. Clear communication of vesting terms and use-of-funds upfront

#### 10.2.2 Token Unlock Pressure (Months 9-18)

##### Critical Periods:

- Months 1-4: Airdrop tranches (mitigated by spread distribution)
- Month 9: Private Round cliff expires
- Month 12: Seed Round + Core Team cliffs expire
- Months 12-18: Peak combined unlock period

##### Mitigation Strategies:

1. **Staking Bonuses:** Extra 5% APY for vested tokens that are staked, leveraging expanded 425M QOR Staking Rewards pool
2. **Team Commitment:** Public pledge to stake 50% of unlocked tokens
3. **OTC Desk:** Facilitate large sales off-market to reduce impact
4. **Treasury Buybacks:** Active buyback programme during unlock months

5. **Strategic Announcements:** Time major partnerships with unlocks
6. **Milestone Burns:** Trigger network milestone burns during high-unlock periods
7. **Governance Incentives:** Bonus voting power for locked tokens

### 10.2.3 Regulatory Risk

#### Mitigation Measures:

- Switzerland-based entity structure (QoreChain Association, Rolle)
- Legal review in all major jurisdictions
- Utility-first token design
- Decentralised governance from day 1
- Securities lawyer on advisory board
- Proactive engagement with regulators

### 10.2.4 Technical Risk

#### Security Measures:

- Multiple third-party audits
- Bug bounty programme funded with 67.5M QOR
- Formal verification of critical components
- Gradual rollout: testnet to incentivised testnet to mainnet
- Insurance fund: 22.5M QOR
- Emergency pause mechanisms
- Transparent incident response plan
- Quarterly security re-audits

## 11 Governance & DAO Structure

### 11.1 Governance Framework

**QoreChain** implements a progressive decentralisation model, transitioning from foundation-led to community-governed over 24 months.

#### 11.1.1 Governance Phases

Phase	Timeline	Governance Structure
Phase 1	Month 0-6	Foundation-led with community input
Phase 2	Month 7-12	Hybrid: Foundation + DAO advisory
Phase 3	Month 13-24	DAO-led with Foundation support
Phase 4	Month 25+	Fully decentralised DAO governance

Table 18: Governance decentralisation timeline

### 11.2 Voting Mechanism

**Voting Power:**

$$VP = S_{staked} \times M_{duration} \quad (3)$$

Where:

- $VP$  = Voting power
- $S_{staked}$  = Amount of QOR staked
- $M_{duration}$  = Duration multiplier (1x to 2x based on lock period)

**Duration Multipliers:**

- No lock: 1.0x
- 3-month lock: 1.2x
- 6-month lock: 1.4x
- 12-month lock: 1.7x
- 24-month lock: 2.0x

### 11.3 Proposal Types & Requirements

Proposal Type	Min Stake	Quorum	Approval
Parameter Change	10,000 QOR	10%	51%
Treasury Spend (<\$100K)	25,000 QOR	15%	60%
Treasury Spend (>\$100K)	50,000 QOR	20%	67%
Protocol Upgrade	100,000 QOR	25%	75%
Emergency Action	250,000 QOR	30%	80%
Constitutional Change	500,000 QOR	40%	90%

Table 19: Governance proposal requirements

## 11.4 Governance Incentives

### Participation Rewards:

- Successful proposal creator: 1,000 QOR
- Active voters: Quarterly distribution from 22.5M QOR Governance/DAO pool
- Delegates: Performance-based rewards
- Forum contributors: Monthly rewards for quality discussions

## 12 Success Metrics & KPIs

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### 12.1 Network Health Metrics

Metric	Month 6	Year 1	Year 3
Active Validators	100+	200+	500+
Daily Transactions	100K+	1M+	10M+
Staking Rate	50%+	60%+	70%+
Active Addresses	50K+	500K+	5M+
Network Uptime	99.9%+	99.95%+	99.99%+

Table 20: Network health targets

### 12.2 Developer Adoption Metrics

Metric	Month 6	Year 1	Year 3
Registered Developers	1,000+	10,000+	100,000+
Deployed Contracts	500+	5,000+	50,000+
AI Audits Run	10,000+	100,000+	1,000,000+
Studio Pro Users	50+	1,000+	10,000+
Studio Enterprise	5+	100+	1,000+

Table 21: Developer adoption targets

### 12.3 Economic Indicators

Metric	Month 6	Year 1	Year 3
Daily Volume	\$5M+	\$50M+	\$200M+
Total Value Locked	\$10M+	\$100M+	\$1B+
QOR Burned (cumulative)	95M+	100M+	145M+
Treasury Value	\$5M+	\$50M+	\$200M+

Table 22: Economic performance targets

### 12.4 Community Growth Metrics

Platform	Month 6	Year 1	Year 3
Twitter/X Followers	50K+	200K+	1M+
Discord Members	25K+	100K+	500K+
Telegram Members	20K+	75K+	300K+
Active Ambassadors	50+	200+	1,000+
Monthly Blog Views	100K+	500K+	2M+

Table 23: Community growth targets

## 13 Conclusion & Recommendations

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### 13.1 Summary of v2.1 Key Points

**QoreChain** v2.1 presents a community-first tokenomics model that has been deliberately repositioned to align with the most successful launch patterns of 2024-2026:

1. **Community-Funded:** No launchpad, no large institutional anchor. Pre-Sale targets \$2.7M with realistic community subscription.
2. **Very Low Initial Float:** ~6.0% places QoreChain in the highest statistically-performing bracket for first-month price stability.
3. **Sub-\$100M FDV:** \$88.4M post-burn FDV sits firmly in the optimal performance bracket for new launches.
4. **Airdrop Deferred Post-Listing:** Eliminates Day 1 sell pressure from the airdrop, with tranching distribution across 4 months.
5. **Active Deflation:** 80M QOR burned at genesis (1.78% of supply) plus ongoing fee burns targeting ~3.94% supply reduction in 3 years.
6. **Light Node Innovation:** Fee distribution includes light node operators, a unique network participation incentive.
7. **Cross-Network Validator Revenue:** Validators earn from block production plus bridge attestations across 25+ networks, creating sustained programmatic demand.
8. **Expanded Liquidity:** 190M QOR (~\$3.8M) deployed at TGE, more than double the original v2.0 allocation.
9. **Extended Staking Runway:** 590M QOR Staking Rewards pool (up from 225M in v2.0), supporting validator and delegator economics through Year 5+.

## 13.2 Critical Success Factors

Priority	Success Factor
1	<b>Pre-Sale Subscription:</b> Reach \$2.5M-3M target to ensure runway
2	<b>Product-Market Fit:</b> QoreChain Studio must deliver genuine developer value
3	<b>Week 1 Trajectory:</b> Maintain positive price action through Day 30
4	<b>Community Building:</b> Sustained organic engagement growth
5	<b>Strategic Investors (Q3-Q4 2026):</b> Value-aligned partners with traction-based terms
6	<b>Liquidity Management:</b> Maintain depth across CEX and DEX venues
7	<b>Unlock Management:</b> Execute mitigation strategies for Month 9-18
8	<b>Developer Adoption:</b> 10,000+ developers by Year 1
9	<b>Transparency:</b> Radical transparency builds trust
10	<b>Long-term Vision:</b> Build for decades, not short-term speculation

Table 24: Top 10 critical success factors (v2.1)

## 13.3 Strategic Recommendations

### 13.3.1 Pre-Launch Phase

1. Finalise v2.1 tokenomics document and publish
2. Deploy smart contracts with v2.1 vesting structures
3. Update website, pre-sale interface, and marketing materials
4. Confirm market maker signatures
5. Brief team on launch sequence and responsibilities
6. Validator program onboarding opens

### 13.3.2 Pre-Sale Phase

1. Pre-Sale opens with coordinated community communication
2. Eigenstate 2 quest programme launches
3. Mainnet goes live (Technical TGE): genesis block produced, validator staking activates, 80M QOR burned at genesis
4. Bug bounty programme opens, airdrop eligibility campaign begins
5. Monitor subscription rate daily and course-correct marketing within the first week if needed

6. Pre-Sale closes
7. Prepare distribution infrastructure for post-Pre-Sale

### 13.3.3 Pre-Listing Window

1. Distribute Public Sale tokens with vesting schedule applied
2. Publish formal listing announcement
3. Deploy \$3.8M initial liquidity across DEXs and market makers
4. Final pre-listing marketing buildup

### 13.3.4 Market TGE (Listing Day)

1. Trading begins on confirmed CEX venues
2. Airdrop eligibility snapshot captured at listing
3. Execute coordinated marketing on listing day
4. Begin 24/7 monitoring of all metrics
5. Daily community updates for first 14 days

### 13.3.5 Post-TGE

1. Airdrop Tranche 1 (25%) opens 45 days post-listing
2. Continuing airdrop tranches over the following 3 months with marketing events
3. Month 3: Launch QoreChain Studio v1.0 (full production)
4. Months 3-6: Prepare metrics for the post-mainnet Strategic Round
5. Month 6: Major partnership announcements
6. Month 9: Execute unlock mitigation strategies (critical)
7. Month 12: Trigger milestone burns if thresholds met
8. Ongoing: Monthly transparency reports
9. Ongoing: Progressive decentralisation to DAO governance

## 13.4 Final Note

The v2.1 tokenomics represents a strategic repositioning that turns market constraints into structural advantages. The community-funded narrative, very low initial float, sub-\$100M FDV, and deferred airdrop together create the conditions identified by independent research as the strongest indicators of positive launch trajectory.

**Execution Excellence:** The success of these tokenomics depends critically on flawless execution of the launch sequence, particularly:

1. Reaching the \$2.5M-3M Pre-Sale target

2. QoreChain Studio delivering genuine developer value
3. Effective management of token unlock periods (Months 9-18)
4. Building and maintaining strong organic community support
5. Securing additional CEX listings in the weeks following the initial listing

*This tokenomics model provides the foundation.  
Execution will determine success.*

## A Glossary of Terms

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**APY** Annual Percentage Yield, the rate of return earned on staking

**CEX** Centralised Exchange, traditional cryptocurrency exchanges

**Cliff** Initial lock period before vesting begins

**CosmWasm** Smart contract platform for the Cosmos ecosystem

**DAO** Decentralised Autonomous Organisation

**DEX** Decentralised Exchange, peer-to-peer trading platforms

**FDV** Fully Diluted Valuation, market cap if all tokens were circulating

**IBC** Inter-Blockchain Communication, Cosmos cross-chain protocol

**KOL** Key Opinion Leader, influential community members

**KYC** Know Your Customer, identity verification process

**MC** Market Capitalisation, circulating supply  $\times$  price

**PQC** Post-Quantum Cryptography, quantum-resistant encryption

**PRISM** Policy-driven Reinforcement-learning for Intelligent State Machines, QoreChain's reinforcement-learning consensus brand

**QCAI** QoreChain AI Services (Fast, Balanced, and Advanced tiers)

**Technical TGE** Mainnet genesis block, when QOR tokens are created on-chain

**Market TGE** Listing Day, when public trading begins on CEXs

**TVL** Total Value Locked, aggregate value of assets deposited in protocol

**wQOR** Wrapped QOR, ERC-20 representation of native QOR for cross-chain liquidity

## B Version History

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Version	Date	Changes
v1.0	2025	Initial tokenomics document
v2.0	March 2026	Major revision: increased community airdrop to 10%; reduced initial float to ~16%; added Public Sale vesting (50/50); fixed supply descriptor; updated fee distribution to include light node rewards (37/30/20/10/3); removed speculative price projections; added milestone burn mechanism; increased TGE burn from 40% to 75% of Burn Reserve; restructured categories for community-first optics
v2.1	June 2026	Strategic repositioning to community-funded model: removed Launchpad/IDO category (135M QOR redistributed: 100M to Liquidity Provision, 35M to expanded Burn Reserve); reduced Public Sale allocation from 450M to 150M with 300M redistributed (200M to Staking Rewards, 100M to Treasury Reserve); Private Round reduced from 270M planned to 5M actually sold (\$50K raised), with the unsold 265M redistributed (165M to Staking Rewards, 100M to Treasury Reserve); Strategic Round 180M reserved for Q3-Q4 2026 post-mainnet round; Public Sale vesting changed to 15% TGE + 30-day cliff + 6m linear; Community Airdrop deferred to 45 days post-listing with 4 monthly tranches; KOL vesting tightened to 30-day cliff + 6m linear; Strategic Partners restructured to 6m cliff + 12m linear + performance milestones; Marketing Operations tokens held in treasury pre-TGE; Liquidity Provision expanded to 190M QOR; Staking Rewards pool expanded to 590M QOR (from 225M in v2.0); Treasury Reserve expanded to 335M QOR; Burn Reserve increased to 80M with 100% TGE burn; final initial float reduced to ~6.0% post-burn (from 16.3% in v2.0); introduced explicit distinction between Technical TGE (mainnet genesis) and Market TGE (public listing day) as the reference for vesting schedules; detailed launch calendar and CEX listing roadmap removed from this document and maintained separately in operational planning materials to keep the canonical tokenomics free from time-sensitive operational details; entity name updated to "QoreChain Association"

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Table 25: Document version history