

QCoin

Every Breakthrough Had a Visionary

Enter Post-Quantum Blockchain Space

Security Beyond the Present, Ahead of the Future



A Growing Market

The blockchain market is a gigantic one, encompassing thousands of startups and hundreds of established funds. The statistics backing up the assumption that blockchain technologies will spearhead the traction of Web3 and a plethora of services on its basis are convincing enough to make investors understand that **CAPITALIZING** on the **FUTURE** by partaking in blockchain development **NOW** is the right way to go.

See for yourselves:



Blockchain technology market size in 2024 stands at \$19.7 billion.



Projected market value by 2034 stands at \$2,450.4 billion.



Global market growth rate between 2024 to 2034 is 62% CAGR.

China alone has an estimated blockchain market value of \$268.9 billion by 2034.



If segmented, the leading directions of blockchain development in 2024 are:

By type, the public cloud segment has held 66% of the total revenue share in 2024.

By components, the infrastructure & protocols segment accounted for 68% of revenue share in 2024.

By applications, the payments segment contributed 50% of the total revenue share in 2024.

By enterprise size, the large enterprises segment held 73.5% revenue share in 2024.

By end use, the financial services segment has reached a 44% market share in 2024.



The development of the blockchain market is spurred by a number of factors, with the key market drivers being:

INCREASE IN VENTURE CAPITAL

with the main reasons being widespread use of blockchain solutions in banking and cybersecurity, strong adoption of blockchain solutions for smart contracts, payments, and digital identities, and increased government initiatives.

INCREASING GOVERNMENT INVESTMENT

in blockchain technology through government initiatives and partnerships with commercial organizations to incorporate blockchain networks to protect existing systems are driving demand for blockchain systems.

AN INCREASING NUMBER OF MARKET PLAYERS

that offer various applications and solutions, both for private and corporate use.

THE INCREASE OF CRYPTOCURRENCY EXCHANGE RATES,

brought about by both the next bull run cycle of the market and increasing adoption of cryptocurrencies as a means of payment.



But There Are Challenges

Though lucrative and much-needed as an infrastructure for Web3 development, the blockchain market is encountering a number of serious challenges, namely:

UNCERTAIN REGULATORY ENVIRONMENT,

with regulatory acceptance being one of the biggest challenges in transforming the blockchain space

IOT ON BLOCKCHAIN

with IoT devices falling victim to security vulnerabilities, such as botnet attacks, distributed denial of service (DDoS) attacks, and insecure interfaces. Unsecured IoT devices give access to cybercriminals to exploit the system.

LACK OF SKILLED LABOR

as companies face a lack of technical staff with expertise in this technology.



And Not So Secure After All

Despite being heralded as immutable, perfectly safe and impermeable to attackers, currently available blockchain technologies are still vulnerable to all manner of security threats. See for yourselves.

SMART CONTRACT VULNERABILITIES

that come in all shapes and sizes, resulting in hundreds of millions of dollars in siphoned funds.

51% ATTACKS

one of the most common types of threats to the popular Proof-of-Work and Proof-of-Stake networks that dominate the market.

CRYPTOGRAPHIC BREACHES

that, with the advancement of quantum computing and artificial intelligence, are becoming an acute problem for the blockchain. To prevent or mitigate this challenge, blockchain networks and applications need to adopt stronger and more resilient cryptographic algorithms and protocols, such as post-quantum cryptography or zero-knowledge proofs, and update them regularly.



In total, almost \$1 trillion has been lost to hackers as a result of blockchain vulnerabilities.

[SlowMist Hacked Statistical]:

Total 2023 hack event(s) **185** ;

The total amount of money lost by blockchain hackers is about **\$ 922,469,200.72** ;



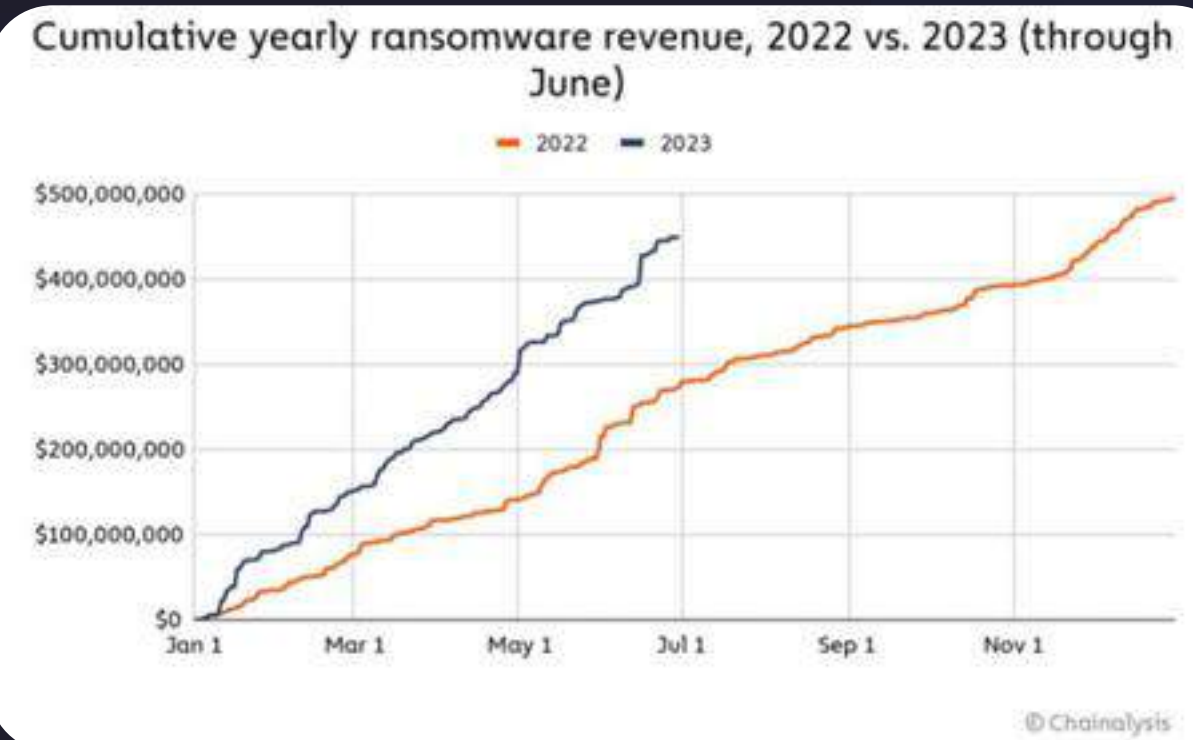
The DeFi, NFT, and Cross-chain Bridge sectors suffered the most significant losses, with **131 INCIDENTS** and losses totaling around **\$487 MILLION**.

CRYPTO MIXING PLATFORMS, such as Tornado Cash and eXch, have become the focal points of increased user attention and are widely used for questionable transactions.

PHISHING SCAMS carried out by groups, such as Pink Drainer, Vemon Drainer, Monkey Drainer, Pussy Drainer, and Inferno Drainer continue to pose a serious threat to the blockchain community.



RANSOMWARE ATTACKS are actively evolving. Wrongdoers managed to extort nearly **\$450 MILLION**, which is more than one and a half times higher than the previous year. This growth indicates more aggressive tactics and ambitious goals of criminals.



The number of cryptocurrency hacks increased by almost **60% IN Q2 OF 2024** compared to the same period last year. As a result of these incidents, nearly **\$686 MILLION** was lost.

An incident of particular significance was the hack of Mixin, which occurred on September 25, 2023, during which the perpetrators made off with approximately **\$200 MILLION**.





What Does This Say? ●

The combination of factors limiting blockchain development is not so much financial or legislative – it is technological, boiling down to poor security.

Poor security in itself stems from stagnation in innovative blockchain development and the multiplication of networks based on algorithms that can be considered obsolete.

The inevitable onset of quantum computing will negate everything current blockchains have developed and amassed as assets. No user wallet will be safe, since the SHA-256 protocol is outdated and vulnerable to quantum-based hacking.



Objection

IT'S A DILEMMA.

Current blockchains are vulnerable and time is running out before quantum computing gains widespread use both among software developers and hackers, with no countermeasure in sight.

BUT THERE IS A SOLUTION.



The QCoin Blockchain

The QCoin blockchain is post-quantum 3rd generation L1 blockchain that offers unquestionable security, turning the network and the wallets deployed on it into impregnable software fortresses, immune to quantum hacking.

Clean, simple, and understandable for even regular IT specialists, the QCoin blockchain is poised to provide a completely new user experience in Web3.

The QCoin blockchain:

- Frees Web3 from fear of asset loss

- Provides unparalleled versatility

- High functionality

- Unlimited scalability



Key Features •

The QCoin blockchain stands on several bedrocks principles that elevate it beyond the capabilities and product offerings of even its closest competitors:

CONSISTENTLY HIGH THROUGHPUT

LOW LATENCY

ABSOLUTE SECURITY

ACCESSIBILITY FOR NODE OPERATORS

RETURNS FOR PARTICIPATION

TRANSPARENT TOKENOMICS MODEL

With post-quantum computing as the core principle backing it, the QCoin blockchain seeks to abandon the outdated SHA-256 algorithm and rely on an absolutely new, modular, and progressive approach to decentralization.



Key Competitive Advantages

As a blockchain positioned for next-gen cryptography application, QCoin wields a number of key competitive advantages that set it favorably as a go-to solution for future blockchain developers looking to access the Web3 space.

- Cryptographic protocols based on post-quantum encryption.

- Use of an innovative consensus mechanism based on delegated Proof-of-Stake and Byzantine Fault Tolerance consensus.

- Modular blockchain basis as opposed to Ethereum-style monolithic blockchain design.

- Asymmetric sharding for parallel transaction processing via asynchronous smart contracts for accelerating overall operation.



Interoperability with existing blockchains will also be ensured thanks to the built-in bridges and protocols that send, process, and store blockchain data in a manner understandable for traditional networks. In addition to that, the blockchain will also guarantee high performance, namely:

High throughput of up to 100,000 trx/s

Low latency

Zero lag and downtime

Sharding for parallelizing operations

No network strain even at peak times

Most importantly, the security provided by the QCoin blockchain will make it ideal for Web3 scaling and cryptocurrency storage.



Selling Points

QCoin – a step beyond the blockchain

With a deployment-ready framework that is ahead of quantum computing and beyond the reach of potential attackers, the QCoin blockchain offers an infrastructure that welcomes applications in scale.

The QCoin blockchain is perfect as a secure infrastructure for finance-intensive services, such as:



Wallets



DeFi platforms



Automated bidding, casino, and betting services



Exchanges and swaps



Pools and staking services



Neobanks



Simple and convenient to integrate

The simplicity of the QCoin blockchain's smart contract design makes it easy for programmers even without blockchain knowledge to integrate the network's features via a simple API

With such an approach, companies willing to enter the Web3 environment will have a reliable platform to build on, one that gives them peace of mind in terms of security and versatility



Fair network operation

The horizontal and level approach to node operation within the QCoin blockchain makes it attractive for pool operators and individual validators, who will know that they will get as much as anyone else processing blocks

Fees for transactions on the network are distributed between the nodes running and validating the transaction in proportion to their stakes, while stakes earn revenue to coin holders



Tokenomics Model

Too many blockchain networks fail due to their unfair tokenomic model, which emphasizes inflation over value

The QCoin blockchain's tokenomic model relies on three main points:

Transaction complexity-based fees

Node equality

Inflationary return on capital

The delegated Proof-of-Stake algorithm means that stakers can delegate their voting power to validators, thus earning passive income from holding QCoins

In QCoin, everyone wins, as operators of nodes that process and sign transactions receive rewards for participation in the network



QCoin – One Coin, Many Benefits



The QCoin blockchain's native coin



QCoin is used for staking with returns and as an incentive for nodes to carry out transactions on the network.



QCoin is a classic blockchain coin – ideal for receiving passive income from staking, and as an investment in anticipation of valuation.



System Revenue Model

The tokenomic model of the QCoin Blockchain is based on a comprehensive revenue stream formed from the following sources:

Transaction fees in QCoins paid by users to validators for processing operations on the network

Rewards for staking in the form of interest on locked capital in form of newly minted QCoins as a means of incentivizing users to hold assets, create demand, and generate returns.

Fees originating from asset turnover on the network as part of operations conducted across dApps deployed on it



An inflation model that involves minting new coins to pay the reward for staking is foreseen as the initial approach for network operation, with the Foundation of the network deciding on key parameters via voting.

The initial tokenomic model foresees an increased percentage for staking in the first years

Part of the proceeds will be received at the expense of the network itself, while another part of the proceeds will be paid by the QCoin Foundation

A total of **5 BILLION** QCoins will be minted in Q3 of 2024



QCoin allocation

The QCoin project intends to conduct several rounds of financing to ensure sufficient liquidity for the development of the network:

Initial financing round: 30%, including strategic investors

Second round of financing to attract venture capital

Coin presale as a public sales round

Final round of financing to increase the involvement of users and developers

The allocation of QCoin upon initial minting will take place under the following scheme:

★ Team: 15%

★ Foundation: 32.5%

★ Initial validators support: 12.5%

★ Initial market liquidity support: 10%



Token vesting will be carried out under the following allocation scheme:

Target	Free float at start	Time till full unlock
Foundation	10 %	4 years
Foundation	5 %	varies
Initial financing	5 %	6 years
Initial validators	0 %	locked
Market Liquidity	5 %	s. t. Foundation decision



Use of Investments

- ★ 25% - servers, communication channels, and equipment
- ★ 10% - regulatory compliance
- ★ 25% - research
- ★ 20% - marketing, positioning, PR, and partnerships
- ★ 20% - company scaling



Why Invest

Being at the forefront of technological innovation that foresees inevitable changes and adapts to them has always been a profitable approach to investing

In addition to providing solid returns on future scaling and native coin appreciation via staking and natural exchange rate dynamics, the project also provides preferential terms to early investors

In addition to providing solid returns on future scaling and native coin appreciation via staking and natural exchange rate dynamics, the project also provides preferential terms to early investors



Sales Proposition / Investor Benefits

Round Zero of QCoin sales will provide early bird investors with exclusive benefits in terms of pool shares and other options

All discounts and bonuses are discussed on an individual basis based on contribution proposals and associated time frames

Tentative Roadmap

The QCoin blockchain's development will be distributed into phases. During each phase, a key element of the blockchain and its maintaining legal entity will be implemented



Phase 1 – Initial Stage

Tentatively Q3-Q4 of 2024

Establishment of the QCoin Foundation as the entity that will ensure the development of the QCoin blockchain is the first stage of the project's actual traction

Attraction of investors during Round Zero

Launch of blockchain development

First private testnet launch

Attraction of developers to port popular dApps for testing



Phase 2 – Private Development Stage

Tentatively Q1-Q2 of 2025

1 Attraction of investors during Round Zero

3 Start of QCoin circulation on Ethereum network

5 Security audit

7 Attraction of new users

9 Establishment of partnerships

Initial coin offering 2

Launch of Alpha prototype 4

Expansion of team to port dApps 6

Participation in marketing 8

Project scaling 10



Phase 3 – Public Development Stage

Tentatively Q3-Q4 of 2025

- 1 QCoin circulation on exchanges
- 2 Lockup release for investors and founders
- 3 QCoin supply transfer from Ethereum network to native blockchain
- 4 Network sovereignty and sustainability achieved
- 5 Delegation of network management to user voting mechanism
- 6 Parent company reserves voting and authority
- 7 Project scaling



It Is Time to Choose the Blockchain of the Future

Join the post-quantum world and become part of Web3 as it is supposed to be experienced.



Security



Speed



Scalability

This is what QCoin stands for. This is what it brings.



Contacts



info@qcoin.foundation



x.com/QCoinFoundation



partners@qcoin.foundation



t.me/qcoinfoundation



qcoinfoundation.medium.com



discord.gg/SgnY3Xtv