# BitNasdaq

# WHITEPAPER V1.0

Inclusive Intelligence, Where AI Meets Blockchain
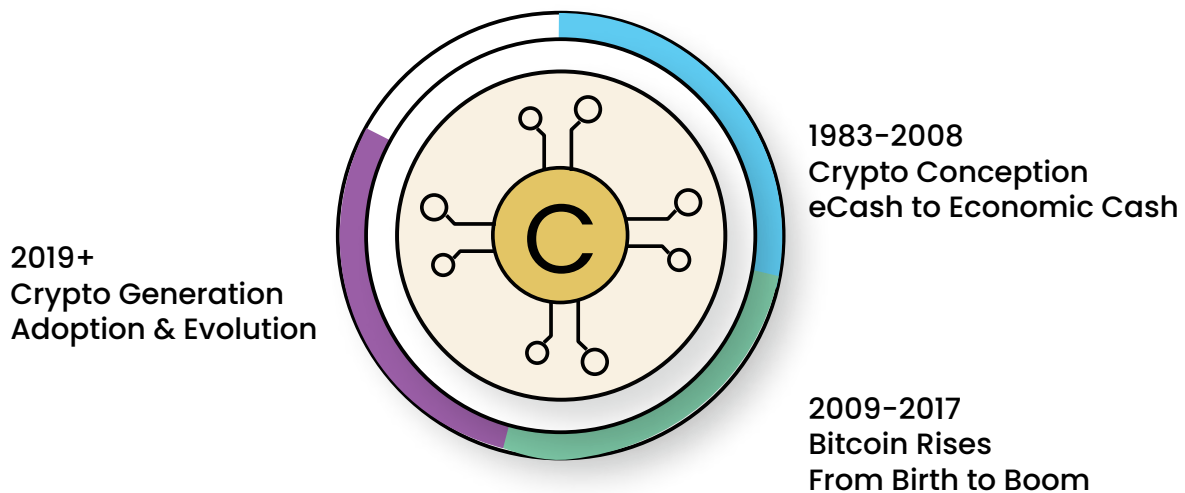
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# MOTIVATION

The exchange or payment of BNQ and participation in the platform are not subject to any advice contained in this document, nor does any information or analysis contained herein represent an investment decision. Prospective users need to be fully aware of the hazards associated with BNQ. By making an investment, the investor understands and accepts the project's risks.

There are still certain countries with unclear regulations regarding the raising of funds for blockchain projects and digital tokens, which could result in losses for participants owing to changes in the law or policy. Investors who make their own decisions are completely responsible for the risks they take and any resulting repercussions. Risks associated with such things include those relating to legislation, regulation, compliance, economic cycle, cyber hacking, management, expansion of the digital asset market, price volatility, and othe not listed concerns.

BNQ is the BitNasdaq platform's utility token; it is not a financial derivative like security, stock, or bond. Any user of BNQ will abide by all applicable laws and regulations.

# INTRODUCTION

Since the inception of Bitcoin in 2009, the world of cryptocurrencies has undergone a remarkable revolution, progressing from blockchain 1.0 to blockchain 2.0, and now towards blockchain N.0. Cryptocurrencies have transcended their role as mere currencies and evolved into powerful applications driven by smart contracts, offering an infinite array of possibilities.

**2019+**
**Crypto Generation**
**Adoption & Evolution**

**1983-2008**
**Crypto Conception**
**eCash to Economic Cash**

**2009-2017**
**Bitcoin Rises**
**From Birth to Boom**

Innovations such as decentralized finance, decentralized computing, decentralized storage, and Web 3.0 have not only brought about technological advancements but have also instigated transformative changes across industries.

Decentralized finance, for instance, has propelled financial inclusion, granting access to financial services to individuals who were previously excluded. Looking ahead, we firmly believe that blockchain technology and its associated applications will find widespread application, profoundly altering our lives in a manner akin to the impact of the internet. The ecosystem and applications derived from blockchain technology will continue to benefit humanity.

However, as blockchain technology progresses towards mass adoption, it is crucial to address urgent challenges. Presently, the awareness ratio of cryptocurrency is 57%, but out of those, a whopping 60% either don't understand cryptocurrency exchanges. Furthermore, the rapid development of the crypto world, characterized by the emergence of new technologies, concepts, and applications, creates a higher barrier of entry for newcomers.

Looking ahead to the next phase of the industry's development, the BitNasdaq team seeks to capitalize further on our key advantages, including our influence, creating an inclusive, coherent, & user-centric platform, technology, and talent. BNQ Coin represents a groundbreaking cryptocurrency striving to transform the financial landscape by addressing industry challenges through the power of blockchain technology and decentralized networks.

The white paper explains the vision, features, roadmap, and tokenomics of BNQ Coin, underscoring its immense potential to make a significant impact on the global market.

**01**
BNQ Coin operates on a utility token model based on the Ethereum blockchain

**02**
BNQ Coin adheres to the ERC-20 token standard.

**03**
BNQ Coin enables fast, secure, and low-cost transactions..
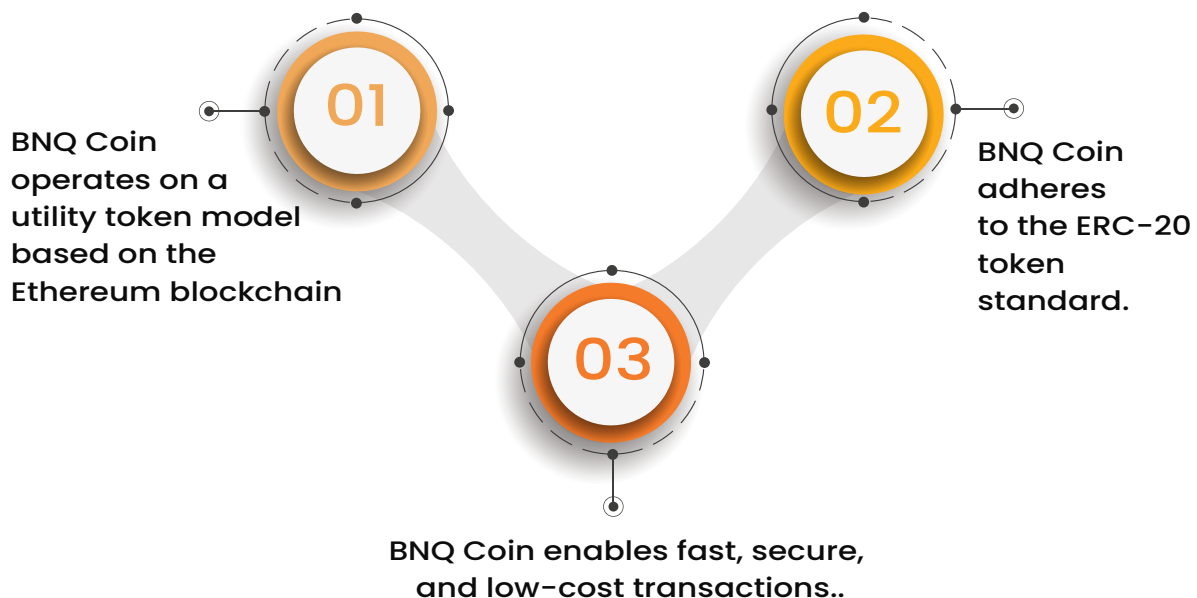
# WHY CHOOSE US?

## Our Story

The added convenience of making life simpler for the average user and enabling them to participate in the crypto economy through the use of AI technology will serve as the inspiration for our story, which begins with a unique value proposition: AI-enabled crypto exchange.

BitNasdaq is an AI-enabled crypto exchange that uses AI technology to make it easy for the average person to participate in the crypto economy.

With BitNasdaq, anyone can buy and sell cryptocurrency with just a few voice commands. BitNasdaq is secure, convenient, and affordable. It is the perfect way for anyone to get started in the crypto economy.
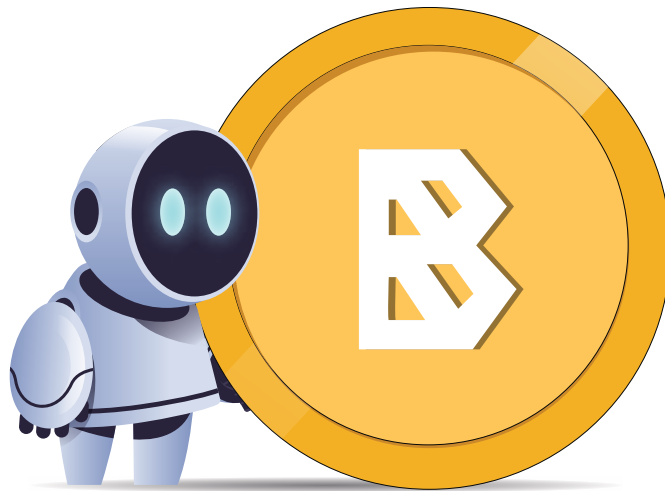


## Our Vision

At BitNasdaq, our vision is to empower the digital economy by promoting financial inclusion and fostering easy crypto adoption. We believe in the transformative potential of cryptocurrencies and blockchain technology to revolutionize the way we transact, invest, and interact with financial systems.

We are going to do this with the following vision:
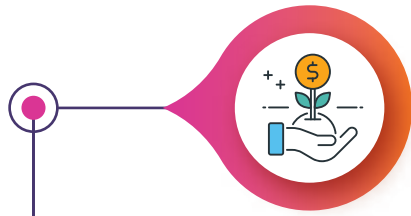
### Embrace the Future of Finance

We embrace the exciting possibilities that cryptocurrencies offer. We strive to be at the forefront of the ever-evolving crypto landscape, consistently adapting and innovating to provide cutting-edge solutions that shape the future of finance. By embracing the future, we empower individuals and businesses to take control of their financial destinies, transcending traditional boundaries and opening up new horizons of opportunity.

### Connect, Invest, Prosper

We emphasize the importance of connectivity and investment in our platform. We aim to build a vibrant and thriving ecosystem where users can seamlessly connect with a global network of investors, traders, and entrepreneurs.By providing intuitive tools (AI Tools), educational resources, and a secure trading environment, we enable our users to make informed investment decisions, unlock their potential, and prosper in the dynamic world of cryptocurrencies.

### Unlocking Opportunities for All

We reaffirm our commitment to promoting financial inclusion and democratizing access to digital assets. We believe that everyone should have the opportunity to participate in the crypto revolution, regardless of their background or expertise. By simplifying the onboarding process, offering user-friendly interfaces, and providing reliable customer support,we empower individuals from all walks of life to unlock the vast opportunities that cryptocurrencies present.

TOGETHER, WE CAN **SHAPE** A FUTURE IN WHICH **EVERYONE** HAS ACCESS TO THE **BENEFITS** OF THE DIGITAL ECONOMY & WHERE FINANCIAL **EMPOWERMENT** KNOWS NO BOUNDS.

Inclusive Intelligence, Where AI Meets Blockchain

# MILESTONES

At BitNasdaq, our primary goal is to revolutionize the way people engage with the crypto economy. We strive to achieve this by utilizing AI technology to create a voice-enabled crypto exchange that simplifies the process of buying and selling cryptocurrencies.

BitNasdaq - an AI-enabled crypto exchange is driven by a set of user-centric goals focused on seamless integration,user convenience, advanced trading features, enhanced security, comprehensive support, decentralized governance, and the continuous improvement of the cryptocurrency ecosystem.

BitNasdaq - voice-enabled crypto exchange dedicated to user-centric goals. We thrive to transform the crypto landscape, making these ambitious features our future reality, and providing an unmatched and interactive experience in the world of digital assets. Our vision focuses on seamless integration, user convenience, advanced trading features, enhanced security, comprehensive support, decentralized governance, and constant improvement of the cryptocurrency ecosystem.

We are dedicated to creating an inclusive, user-friendly, and innovative platform that empowers individuals and simplify access and adoption for new users to participate in the exciting world of cryptocurrencies with confidence.

Leveraging AI algorithms, our platform will proactively manage risks and offer personalized recommendations by our strategy bots to help users make informed investment decisions. Finally, we are dedicated to continuously improving our platform based on user feedback and technological advancements, ensuring that BitNasdaq remains at the forefront of innovation in the crypto industry.
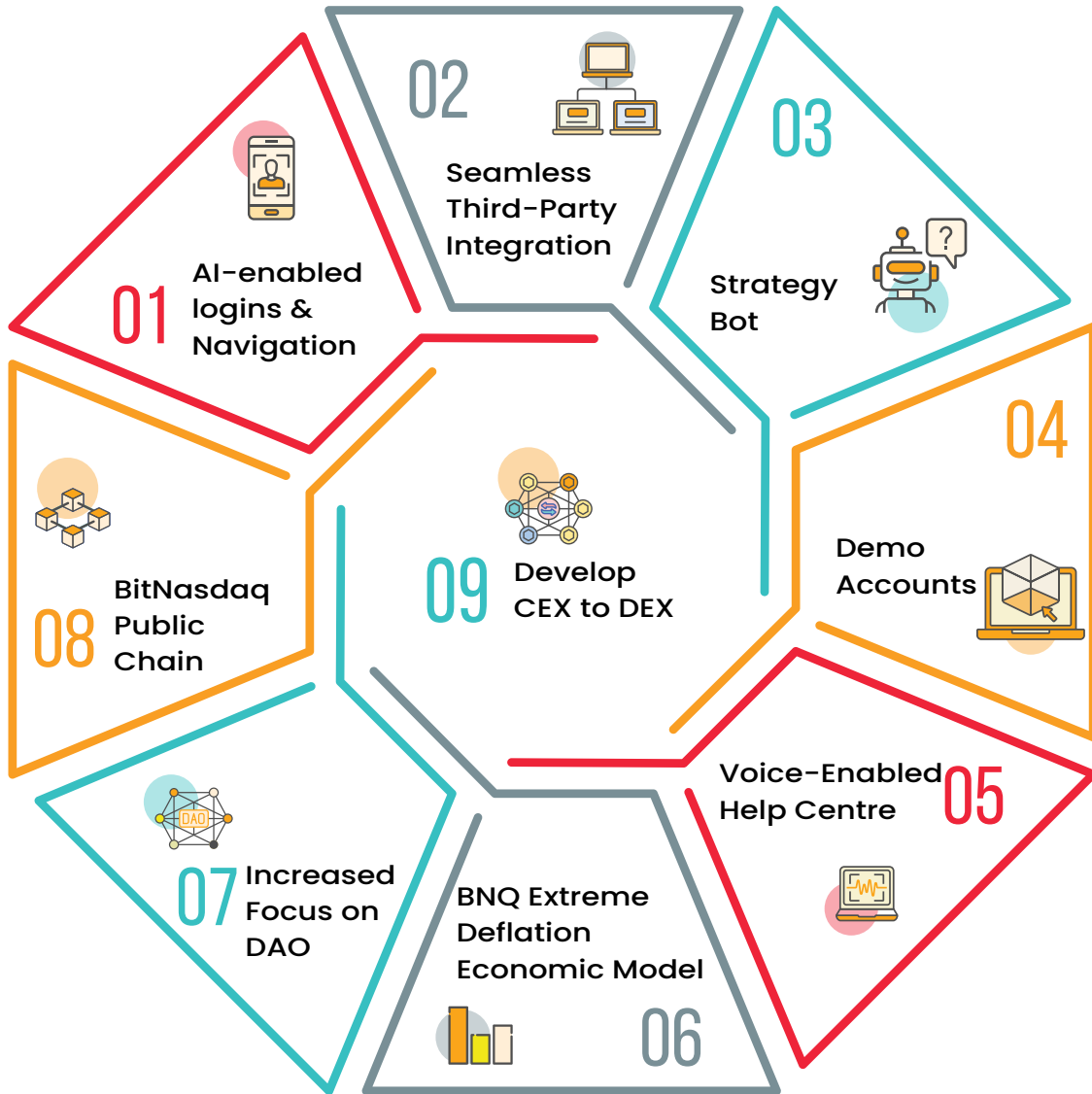
## 4.1. AI-enabled logins & Navigation

This feature simplifies the onboarding process, making it easier and more secure for new users and individuals with limited technical knowledge to create an account. By leveraging artificial intelligence, the exchange streamlines the login process, reducing barriers to entry & usage for cryptocurrency trading.

## 4.2  Seamless Third-Party Integration

BitNasdaq aims to integrate with third-party payment processors. This integration allows users to easily deposit and withdraw funds using various payment methods, including credit/debit cards and third-party bank transfers. By providing a smooth payment experience, the exchange aims to integrate more users and facilitate the adoption of cryptocurrencies.

## 4.3 Strategy Bot

BitNasdaq incorporates a Strategy Bot that utilizes keen market analysis to provide predictive and recommended trades. This feature will assist users in making informed investment decisions by analyzing market trends, patterns, and indicators. By offering reliable trade recommendations, the exchange aims to help users maximize their trading potential and achieve better outcomes.

## 4.4 Demo Accounts

BitNasdaq's revolutionary Demo Accounts, powered by advanced market an alysis. Harnessing intelligent algorithms, our platform offers predictive and recommended trades, empowering users with invaluable insights into market trends, patterns, and indicators.With dependable trade recommendations, BitNasdaq enhances informed investment decisions, unlocking untapped trading potential and optimizing outcomes for our esteemed users

## 4.5 Voice-Enabled Help Centre

The exchange incorporates voice-enabled assistance in its help center. By implementing natural language processing (NLP) and voice recognition technology, users can use voice commands to interact with the exchange's support system. This feature allows users to seek assistance, ask questions, and receive guidance through voice interactions, providing a more intuitive and efficient support experience.

## 4.6 BNQ Extreme Deflation Economic Model

BNQ Mining, a service offered by BitNasdaq, serves as a powerful deflation mechanism within the platform's ecosystem, providing users with high-yield returns beyond just token rewards. With a total supply of 100 billion BNQ tokens allocated for mining, 55% is reserved for mining rewards, while 45% is dedicated to token burning, driving deflation and token appreciation. This strategic split enhances the ecosystem's value by turning mined BNQ into mining power rewards, fueling ecosystem expansion and strengthening the community. Early miners enjoy initial boosts to their mining power, ensuring their participation supports sustainable growth and token value stability. As the world's first extreme deflation platform token introduced by an exchange, BNQ is designed using a unique POW+POC economic model, promoting high consensus, strong retention, and growth potential. It is not just a token, but a value-sharing currency that appreciates through burn mining, offering substantial ecological support to BitNasdaq's platform while building a truly practical and unique ecosystem.

## 4.7 Increased Focus on DAO

BitNasdaq intends to focus more on decentralized autonomous organizations (DAOs). Besides the utility token, the exchange will be introducing a governance token that will allow users to participate in decision-making processes regarding the platform's development and governance. Additionally, the exchange explores the launch of launchpads and whitelisting processes, facilitating the growth and adoption of innovative projects within the cryptocurrency ecosystem.

## 4.8 BitNasdaq Public Chain

BitNasdaq plans to dedicate efforts to enhance public chains by integrating technologies such as Zero-Knowledge Proof (ZKP) synchronization and Layer 2 Interoperability. By collaborating with blockchain projects and contributing to their development, the exchange seeks to improve scalability, privacy, and interoperability across different blockchain networks. This goal ultimately fosters a more robust and interconnected cryptocurrency ecosystem.

## 4.9 Develop CEX to DEX

BitNasdaq endeavors to develop a transition from a centralized exchange (CEX) to a decentralized exchange (DEX) by incorporating decentralized applications (Dapps). This evolution will allow users to directly trade cryptocurrencies on the blockchain, eliminating the need for intermediaries and enhancing security and transparency. By embracing the decentralized nature of blockchain technology, the exchange aims to provide users with greater control over their assets and contribute to the growth of the decentralized finance (DeFi) ecosystem.

# FEATURES

| | |
|---|---|
| **1** AI Support in Trade & Instruction | Free Demo Trading Accounts **5** |
| **2** Spot & Margin Trade | Future Trade **6** |
| **3** Express Payment methods | P2P Trade **7** |
| **4** Third Party Payment | BNQ Mining **8** |

**Features**

## 5.1 AI support in Trade & Instructions

Crypto users struggle with technical language and vocabulary, the UI/UX experience of the crypto platform, the complexities of cryptocurrency trading, and a lack of awareness regarding security, which prevents them from taking advantage of spot and margin trade capabilities.

BitNasdaq incorporates artificial intelligence (AI) to support users in their trading activities.

AI algorithms analyze market trends, patterns, and historical data to provide valuable insights and recommendations. Users can access AI-generated trading signals, indicators, and instructions to make informed trading decisions.

## 5.2 Spot & Margin Trade

Our crypto exchange platform supports spot and margin trading, allowing users to buy & sell cryptocurrencies at the current market price. With BitNasdaq's user-friendly features, users may take advantage of real-time market moves and conduct trades instantaneously. For users seeking leveraged margin trading that enables users to borrow funds to amplify their trading positions, potentially increasing and potential profits.
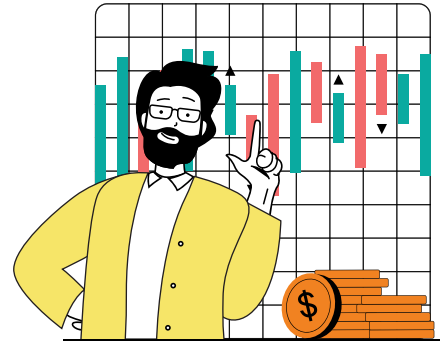
## 5.3. Express Payment Methods

We provide a wide range of express payment methods to facilitate seamless and fast transactions. Users can choose from various payment options, including credit/debit cards, e-wallets, and other convenient payment gateways, ensuring fast and secure transactions.
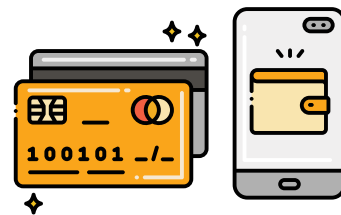
## 5.4 Third-Party Payment

We support bank transfers from trustworthy third-party payment providers to accommodate consumers who like conventional banking procedures. Third parties that give the cryptocurrency sector a complete fiat infrastructure. Users will be able to deposit and withdraw money using TPPPs through BitNasdaq, which will leverage API connectivity to validate third-party payments.

## 5.5. Free Demo Trading Accounts

Whether you are new to cryptocurrency trading or an experienced trader, it is important to practice your trading skills because maximizing your returns on trade is the ultimate goal of every trader on the exchange. A 100% free demo account is available for trade on BitNasdaq to improve productivity and automation in addition to AI features.

## 5.6 Future Trade

For users interested in trading futures contracts, we offer futures trading. Futures enable users to speculate on the future price of cryptocurrencies, providing opportunities for both hedging and speculation.

## 5.7 P2P Module

Experience effortless peer-to-peer cryptocurrency trading with BitNasdaq P2P. Our user-centric platform empowers traders to engage in direct buying and selling of cryptocurrencies among individuals. By stimulating a secure and equitable ecosystem, we enable merchants to profit from successful trades conducted on our platform. Upholding the values of security, transparency, and respect, BitNasdaq ensures a superior user journey.
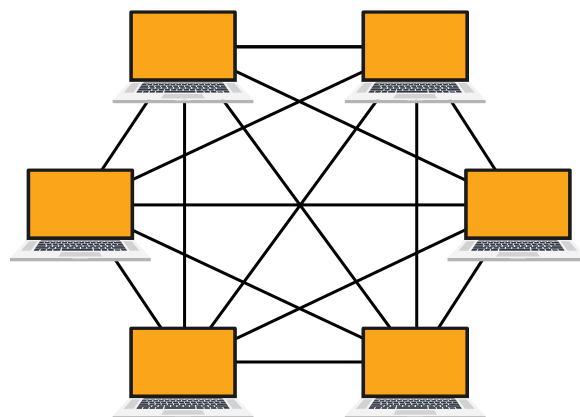
## 5.8 BNQ Mining : Deflationary Model

BNQ Mining stands out as a deflation mechanism within the BitNasdaq ecosystem, offering more than just token rewards, it's a way to high-yield returns. With a total of 100 Billion BNQ tokens allocated for mining, the platform enhances value through a strategic split. 55% for mining rewards and 45% designated for burning, creating deflation and token appreciation. By turning mined BNQ into mining power rewards, BitNasdaq fuels both ecosystem expansion and community strength. Early miners benefit from initial mining power boosts, placing them for strong mining power while supporting sustainable growth and token value stability. BNQ Mining is where BitNasdaq users can mine, earn, and actively participate in the ecosystem's promising future.
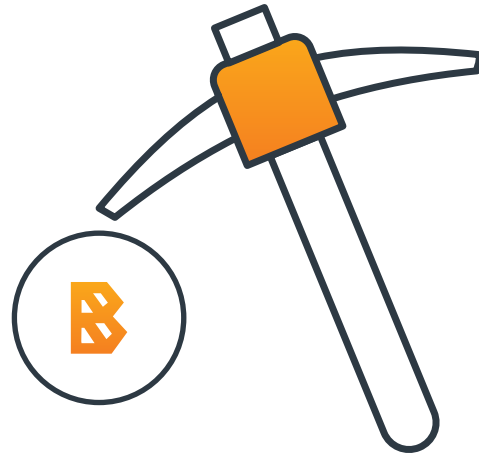
### BNQ Mining Mechanism: Innovative Value Storage and Incentive

1. Each time approximately **0.5 BNQ** tokens are burned, they can be converted into an amount equal to or greater than one unit of **POC (Power of Contribution)** mining power.

2. 1 unit of computing power ≈ 0.5 BNQ

3. When the token price rises or falls, the amount of POC mining power obtained will be dynamically adjusted to ensure that mining power only increases,

**Daily Token Output = (Individual Computing Power / Total Network Computing Power) × Daily Fixed Output**

# Output Cycle and Decay

The Output Cycle And Decay Rule Of BNQ Involve A 5% Reduction Every 180 Days.

| Decay Time | Daily Output Reward | Decay Period | Current Phase Output | Total Output |
|---|---|---|---|---|
| 180 Days | 18,000,000 | 0 | 3,240,000,000 | 3,240,000,000 |
| 360 Days | 17,100,000 | 1 | 3,078,000,000 | 6,318,000,000 |
| 540 Days | 16,245,000 | 2 | 2,924,100,000 | 9,242,100,000 |
| 720 Days | 15,432,750 | 3 | 2,777,894,999 | 12,019,995,000 |
| 900Days | 14,661,112 | 4 | 2,639,000,249 | 14,658,995,250 |
| 1080 Days | 13,928,056 | 5 | 2,507,050,237 | 17,166,045,487 |
| 1260 Days | 13,231,654 | 6 | 2,507,050,237 | 19,547,743,213 |
| 1440 Days | 12,570,071 | 7 | 2,262,612,839 | 21,810,356,052 |
| 1620 Days | 11,941,567 | 8 | 2,149,482,197 | 23,959,838,249 |
| 1800 Days | 11,344,489 | 9 | 2,042,008,087 | 26,001,846,337 |
| 1980 Days | 10,777,264 | 10 | 1,939,907,683 | 27,941,754,020 |
| 2160 Days | 10,238,401 | 11 | 1,842,912,298 | 29,784,666,319 |
| 2340 Days | 9,726,481 | 12 | 1,939,907,683 | 31,535,433,003 |
| 2520 Days | 9,240,157 | 13 | 1,663,228,349 | 33,198,661,353 |
| 2700 Days | 8,778,149 | 14 | 1,580,066,847 | 34,778,728,200 |

# Bnq – Broker Identity Income Table

Start from the first level and reach the top! With more referrals, more miners, you get more mining power. From experienced, to licenced, to pool, each experience is unique and different and made specially for you!

## BNQ – BROKER IDENTITY INCOME TABLE

| Level | Trainee Broker | Official Broker | Node Mining Pool | Hive Mining Pool | Super Mining Pool |
|---|---|---|---|---|---|
| **Agent Identity** | Experience Miner | License Miner | Pool Miner | Pool Miner | Pool Miner |
| **Requirements** | 1. New users who register and complete KYC verification receive permanent computing power equivalent to 5U. | 1. Activate an official mining machine | 1. Directly invite 5 official brokers; each broker must burn at least 100 USDT worth of BNQ. 2. Must own 20 official mining machines. | 1. Directly invite 5 official brokers; each broker must burn at least 100 USDT worth of BNQ. 2. Must own 2000 official mining machines. | 1. Directly invite 5 official brokers; each broker must burn at least 100 USDT worth of BNQ. 2. Must own 20,000 official mining machines. |
| **Income** | 1. Earnings must be manually claimed daily; if not claimed, they will be reclaimed by the system. 2. Upgrading to an official broker can increase computing power. | 1. Earn mining income based on personal computing power. 2. Direct invitation reward: 20% of computing power. 3. Indirect invitation reward: 5% of computing power. | 1. Earn mining income based on personal computing power. 2. Direct invitation reward: 20% of computing power. 3. Indirect invitation reward: 5% of computing power. 4. Receive a 1% reward from the total output of the mining pool. 5. Node pools can invite other node pools, earning a 0.5% computing power reward. | 1. Earn mining income based on personal computing power. 2. Direct invitation reward: 20% of computing power. 3. Indirect invitation reward: 5% of computing power. 4. Receive a 2% reward from the total output of the mining pool. 5. Hive mining pools inviting other Hive mining pools earn a 0.5% computing power reward. | 1. Earn mining income based on personal computing power. 2. Direct invitation reward: 20% of computing power. 3. Indirect invitation reward: 5% of computing power. 4. Receive a 3% reward from the total output of the mining pool. 5. Super mining pools inviting other super mining pools earn a 0.5% computing power reward. |

# Benefits of Becoming a BNQ Mining Pool Owner

Grow your level, own bigger pools, more benefits that will come your way. BNQ Mining is a unique opportunity for you!

| CONDITIONS AND BENEFITS OF BECOMING A BNQ MINING POOL OWNER | | | |
| --- | --- | --- | --- |
| Identity | Node Mining Pool | Hive Mining Pool | Super Mining Pool |
| Benefits | 1. Becoming a node mining pool owner grants permanent status. Owning a node mining pool keeps it permanently open.<br>2. Earn a 1% reward from the total output of 20 official mining machines within the node mining pool.<br>3. Official mining machines in the account are permanently valid, with computing power remaining permanently effective.<br>4. Official mining machines can increase computing power through BNQ burning, with a maximum computing power cap of 200U BNQ per machine.<br>5. Daily token output for official mining machines = "Individual Computing Power / Total Network Computing Power × Daily Output."<br>6. Direct invitation reward of 20% computing power; indirect invitation reward of 5% computing power.<br>7. Node mining pool owners can invite other node mining pools and earn a 0.5% computing power reward.<br>8. Node mining pool owners have commission rebate rights on transaction fees, with the rebate rate set by the Hive Mining Pool owner | 1. Becoming an Ant Mining Pool owner grants permanent status. Owning an Ant Mining Pool keeps it permanently open.<br>2. Earn a 2% profit from the total output of 2000 official mining machines within the mining pool.<br>3. Official mining machines in the account will remain permanently active, with computing power permanently valid.<br>4. Official mining machines can increase computing power through BNQ burning, with a maximum computing power cap of 200U BNQ per machine.<br>5. Daily token output for official mining machines = "Individual Computing Power / Total Network Computing Power × Daily Output."<br>6. Direct invitation reward: 20% computing power; indirect invitation reward: 5% computing power.<br>7. Ant Mining Pool owners can invite other Ant Mining Pool owners and earn a 0.5% computing power reward.<br>8. Ant Mining Pool owners have transaction fee rebate rights, with the rebate rate defined by the Super Mining Pool owner, up to a maximum of 70%.<br>9. Receive periodic benefits such as contract trial funds, discount coupons, and financial interest rate increase coupons.<br>10. Priority access to capital-protected financial subscription quotas.<br>11. Early access to the BitNasdaq app. | 1. Becoming an Ant Mining Pool owner grants permanent status. Owning an Ant Mining Pool keeps it permanently open.<br>2. Earn a 2% profit from the total output of 2000 official mining machines within the mining pool.<br>3. Official mining machines in the account will remain permanently active, with computing power permanently valid.<br>4. Official mining machines can increase computing power through BNQ burning, with a maximum computing power cap of 200U BNQ per machine.<br>5. Daily token output for official mining machines = "Individual Computing Power / Total Network Computing Power × Daily Output."<br>6. Direct invitation reward: 20% computing power; indirect invitation reward: 5% computing power.<br>7. Ant Mining Pool owners can invite other Ant Mining Pool owners and earn a 0.5% computing power reward.<br>8. Ant Mining Pool owners have transaction fee rebate rights, with the rebate rate defined by the Super Mining Pool owner, up to a maximum of 70%.<br>9. Receive periodic benefits such as contract trial funds, discount coupons, and financial interest rate increase |

# The Benefits of Being A Miner

Enjoy the benefits of being a miner and become a part of the BitNasdaq ecosystem with the BNQ Token.

| BNQ Broker Requirements and Earnings | | |
|---|---|---|
| Grade | Trainee Broker | Official Broker |
| Benefits | 1. Receive 5U of computing power for the first time, which is permanently valid.<br>2. Daily mining output = Individual computing power / Total network computing power × Total daily output.<br>3. Trainee Brokers must manually claim earnings daily; otherwise, they will be reclaimed by the system.<br>4. Trainee Brokers cannot increase computing power. To increase computing power, they must upgrade to Official Broker status. | 1. Once activated, the official mining machines in the account are permanently valid, and their computing power remains permanently effective.<br>2. Official mining machines can increase computing power by burning BNQ; each machine can burn up to the equivalent of 200U worth of BNQ.<br>3. The daily mining output of an official mining machine is calculated as: Daily Mining Output = (Individual Computing Power / Total Network Computing Power) × Total Daily Output.<br>4. Official brokers who invite users enjoy the commission rebates on exchange transaction fees; the rebate ratio is determined by the node mining pool owner.<br>5. Direct referral reward: 20% of computing power; indirect referral reward: 5% of computing power. |

## BNQ Token Circulation Explanation

### 1. Token Issuance Quantity And Circulation Mechanism

- The total issuance of BNQ platform tokens is 100 billion, as an ERC20 token, fixed and unchangeable. The initial circulation is set at 1%, with 44% sent directly to the black hole for burning, and the remaining 55% can only be generated through mining.

- **BNQ Contract Address**
  https://etherscan.io/token/0xEAA78305C19A292e5c141108f0880333A840a2bc]
  (https://etherscan.io/token/0xEAA78305C19A292e5c141108f0880333A840a2bc)

- **Black Hole Address (also known as the Genesis Address for ETH):**
  0xdC12D77Ed308aBF3445631b9C829542459BE1459

## 2. Mining Output And Destruction Mechanism

- Upon launch, 55% of the tokens will be generated through mining.

- The remaining 44% of the tokens can only be burned by transferring them to the black hole in exchange for mining power and will not circulate in the secondary market.

- During mining, output decreases by 5% every 180 days, and all tokens exchanged for mining power will be burned on-chain every Monday (estimated total burn rate of over 90%).

- It is expected to take 99 years to fully mine all tokens

## The Benefits of Being A Miner

### Pricing & Deflationary Mechanism
The BNQ Token is distributed such that 55% of the BNQ Token are for mining and 45% of the token are for burning, building up on the Deflationary Mechanism.

### Use of funds
The funds raised from the sale of the token will be used to expand the platform's AI features and technology and increase the community.

### Incentive structure
The token holders are incentivized to hold the token. They can earn rewards for staking the token and participating in governance.

# TECHNICAL ASPECTS

BitNasdaq, the AI-enabled Crypto Exchange, is poised to transform the industry with its innovative and envisioned technical aspects. Built on a foundation of advanced technologies, BNQ aims to provide a seamless and advanced trading experience for cryptocurrency enthusiasts worldwide.

## 6.1. Supported chains

BitNasdaq Token will adhere to the most trusted chain:

ERC-20

## 6.2. Device Coverage

We'll provide clients with cross-platform trading for:



Web-based trading client

Mobile HTML5 client (including WeChat H5 client)

Android native client

PC (Windows) native client

iOS Native client

REST API
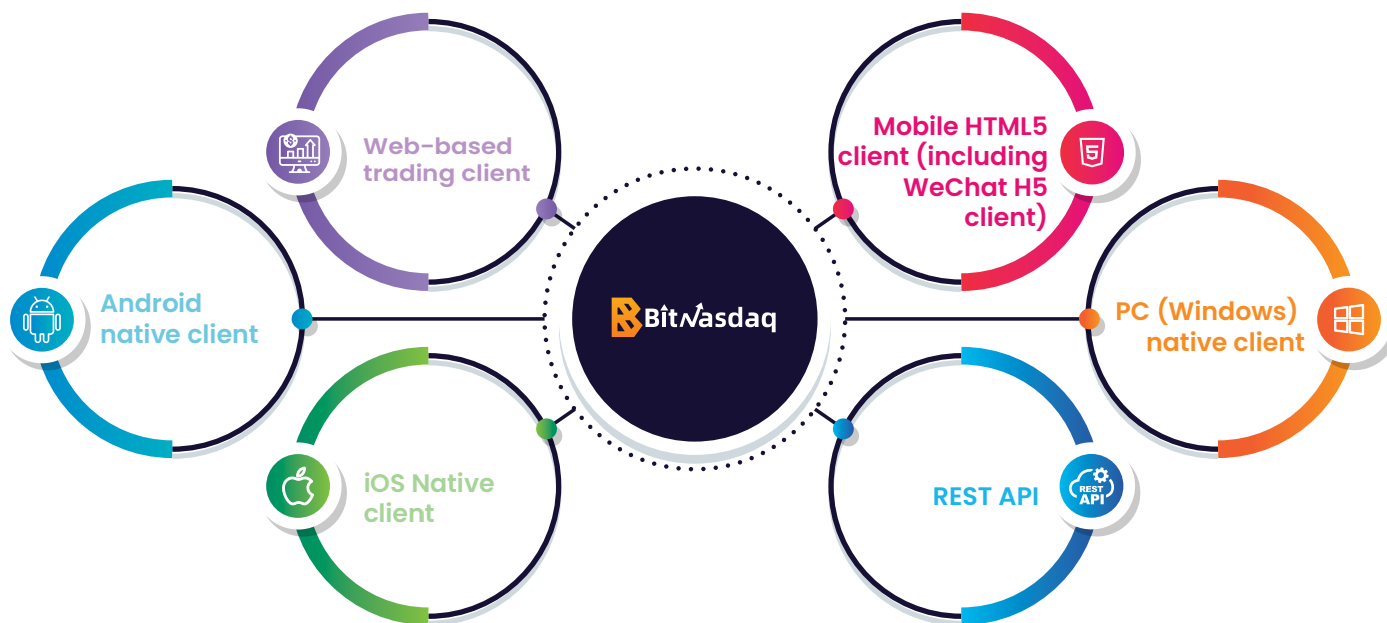
## 6.3 Improved and Optimized UI

Design not only creates a visually appealing representation of the product but also a seamless user journey throughout the entire offering. Users frequently struggle to navigate the exchange and understand its general functionality.

BitNasdaq redefines the exchange experience, ensuring both new and experienced users engage with confidence and ease. We stand as a front-runner in this domain, spearheading the industry with its cutting-edge UX/UI design. Through meticulous attention to detail, seamless navigation, and user-centric features

| Front End | |
| --- | --- |
| **Component** | **Technology** |
| Web Application | Vue |
| Mobile Application | React Native & Flutter |
| API Gateway | Amazon API Gateway & .netcore |
| RESTful APIs | Node.js & .netcore |
| Authentication | JWT |

**Table 1: Front End**

As a trading platform, BitNasdaq has provided some functionality that is essential to provide value-added convenience to the user journey. It includes:

It includes:

- Support of fiat currency, stablecoins, and the most popular cryptocurrencies.
- Friendly navigation.
- Sorting and filtering orders by price and date
- Price comparison of various currencies across platforms
- Fees calculator
- Visual aids and informative explanations for complex financial statements.
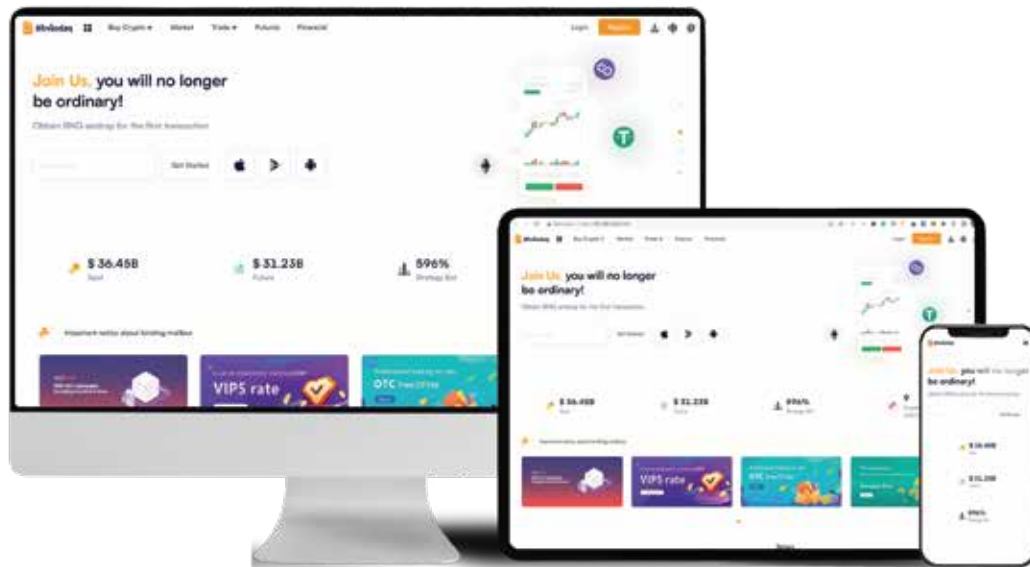


## Reliability (Back End Technology )

BitNasdaq delves into the significance of back-end infrastructure inensuring a smooth user experience and addressing potential challenges. Our back end team exemplifies its commitment to excellence by prioritizing back-end technology.Through optimized server architecture, real-time data processing, and enhanced security measures, BitNasdaq's back-end empowers traders with unmatched speed, reliability, and protection.

By continually investing in infrastructure upgrades and scalability, BitNasdaq redefines the standards for a high-performing crypto exchange, offering users an unparalleled trading environment.

| Backend | |
|---|---|
| **Component** | **Technology** |
| Microservices | Node.js |
| Containerization | docker |
| Orchestration | Kubernetes |
| Service Mesh | Istio |
| SQL Database | mysql |
| NoSQL Database | mongodb |
| Caching | redis |
| Search | Elastic Search |

**Table 2: Backend**

## Big Data

BitNasdaq's architecture supports real-time data ingestion through Apache Kafka, enabling streamlined stream processing and timely insights. For more extensive analysis, we employ Apache Spark for efficient batch processing and Apache Airflow for orchestrating complex ETL jobs.

This agile and scalable approach empowers BitNasdaq to process and analyze vast quantities of data with unmatched speed and accuracy, leading to a seamless trading experience for our users and empowering them with invaluable market insights

| Big Data | |
|---|---|
| **Component** | **Technology** |
| Data Warehouse | Google BigQuery |
| Object Storage | Google Cloud Storage |
| Stream processing | Apache Kafka |
| Batch processing | Apache Spark |
| ETL Jobs | Apache Airflow |

**Table 3: Big Data**

## CI/CD DevOps

BitNasdaq has embraced a cutting-edge CI/CD DevOps framework that drives innovation and ensures the highest level of reliability for our platform. Central to this approach is our meticulous Source Code Management with Git on GitHub, providing seamless collaboration and version control for our development teams. OUr CI & CD pipeline, orchestrated by Jenkins and leveraged with Docker containers, enables rapid and automated testing, building, and deployment of code changes, significantly reducing time-to-market and minimizing the risk of errors. Embracing Infrastructure as Code (IaC) with Terraform, we can effortlessly provision and manage our cloud infrastructure, ensuring consistency and scalability.

| CI/CD DevOps | |
|---|---|
| **Component** | **Technology** |
| Source Code Management | Git with GitHub & GitLab |
| CI and CD | Jenkins with Docker |
| Infrastructure as Code (IaC) | Terraform |
| Configuration Management | Ansible |

**Table 4: CI/CD devOps**

## Monitoring

At BitNasdaq, we take the security of our platform and our users' assets with utmost seriousness. To achieve this, we have engineered a robust and vigilant monitoring infrastructure that combines cutting-edge technologies like Prometheus, ELK Stack, SonarQube, and adherence to the OWASP Top Ten security guidelines. We meticulously follow the OWASP Top Ten, implementing robust security practices to safeguard against common web application vulnerabilities.Through this comprehensive monitoring framework, BitNasdaq stands firm in our commitment to providing a secure and trustworthy trading platform for our valued users.

| Monitoring | |
|---|---|
| **Component** | **Technology** |
| Monitoring | Prometheus |
| Logging | ELK Stack |
| Security | SonarQube & OWASP 10 |

**Table 5: Monitoring**

## 6.4 Multilingual Support

In order to cater to its users worldwide, BitNasdaq Exchange will initially offer 6 languages.

English    Chinese (mandarin)    Korean    Arabic    Russian    Hindi

# TOKENOMICS

## 7.1 BitNasdaq Coin (BNQ)

We will issue our token, called BNQ, with a hard cap of 100 billion BNQ is ERC-20-based and runs natively on Ethereum.

100 Billion BNQ on ERC-20

| Category | Content |
|---|---|
| Token Name | BitNasdaq Token |
| Token Symbol | BNQ |
| Chain | ERC-20 |
| Issue Price | 0.0025 USDT |
| Contract Address | 0xEAA78305C19A292e5c141108f0880333A840a2bc |
| Circulating Supply | 100,000,000,000 |
| Total Supply | 100,000,000,000 |

**Table 6: ERC-20 Ethereum**

| Category | Destroy Address |
|----------|-----------------|
| ERC-20 | 0xdC12D77Ed308aBF3445631b9C829542459BE1459 |

**Table 9: Destroy address**

## 7.2 Token Allocation



55%
Mining Output

10%
Community Building
(Mining Power Rewards)

25%
Ecosystem Development
(Mining Power Rewards)

10%
Early Investment
(Initial Mining Power)
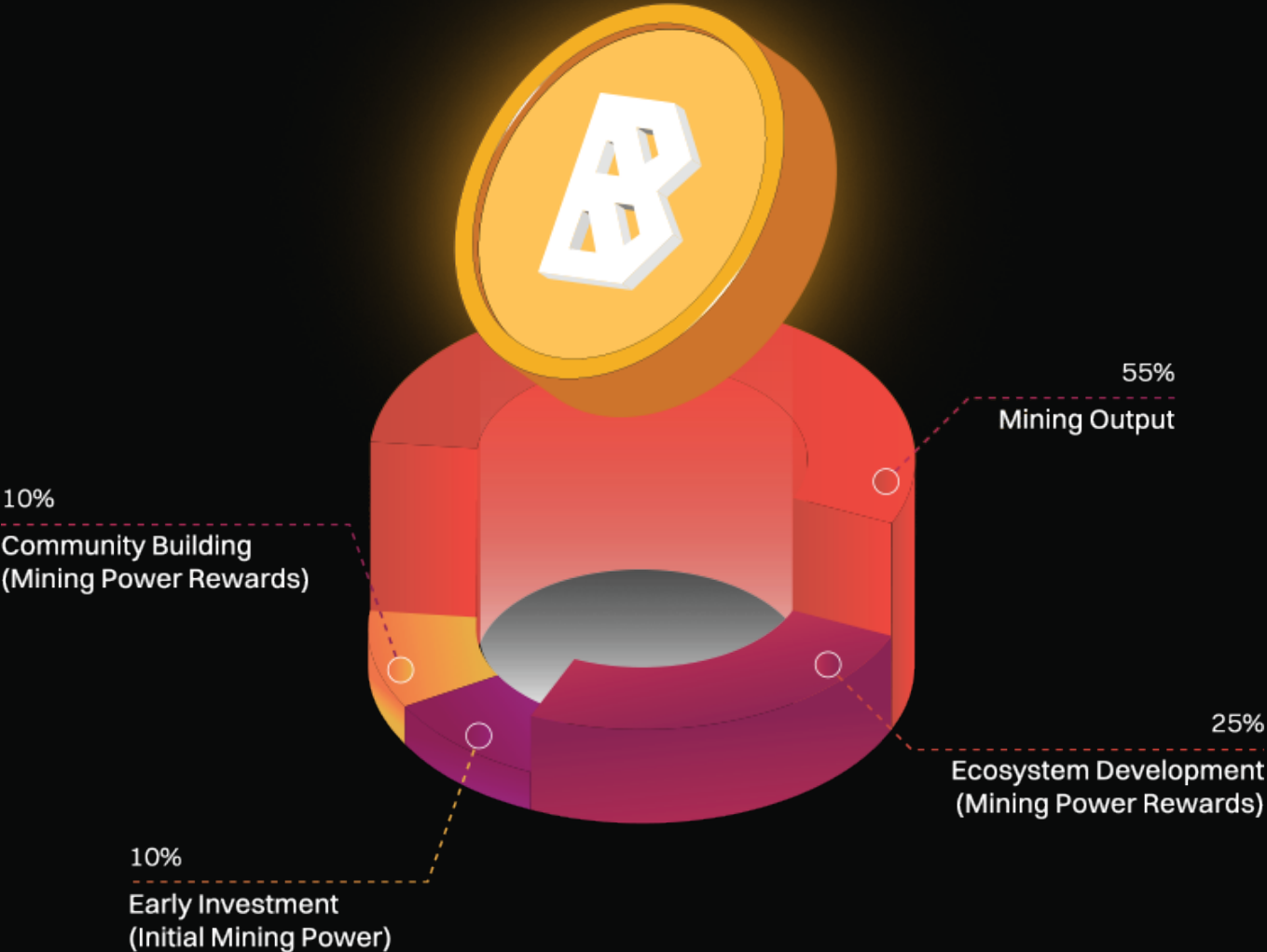
## 7.3 Token Distribution Mechanism Description

BNQ—10% for private placement, 1% for circulation, and 44% of the original tokens are directly destroyed and used to exchange for computing power, meaning the circulating supply of tokens is reduced by 44%!

### 55%
● **Mining Output**

This portion of the token will be obtained by destroying native tokens to gain computing power, thereby enabling mining output.

### 25%
● **Ecological Development**

This portion of the token cannot be traded on the market as a native token; instead, it is sent directly to a black hole address to exchange for computing power, which is then used as a reward to support ecological development.

### 10%
● **Community Construction**

This portion of the token cannot be traded on the market as a native token; instead, it is sent directly to a black hole address to exchange for computing power, which is then used as a reward to support community development.

### 10%
● **Early Investment**

Of this, 1% of the tokens will circulate in the market as native tokens, specifically for investors and supporters to become early builders of the ecosystem. The remaining 9% can only be used for destruction to obtain the most original first mining computing power.

# 7.3 Privileges Discounts and Future offers

## Future Transactions Reward

### 30 USDT

Complete the $1000 future transactions and claim a 30 USDT reward (Total amount of all transaction pairs)

## Spot Transaction Reward

### 15 USDT

Complete $1000 in Spot Transactions and claim a 15 USDT reward (Total amount of all transaction pairs)

## BitNasdaq Recharge Reward

### 20 USDT

Recharge a total of $1000 in your BitNasdaq account and claim a reward of 20 USDT.

## BitNasdaq Active Reward

### 5 USDT

Stay active and complete transactions on BitNasdaq for 3 consecutive days to claim a reward of 5 USDT.

## The KYC Reward

### 50 USDT

Complete KYC to claim a 50 USDT reward.

## P2P Transaction Reward

### 10 USDT

Complete 10 P2P transactions and claim a 10 USDT reward.

# ROADMAP

**Design**
- Architecture Design
- Whitepaper 1.0

**Hybrid Rollout**
- Hybrid Rollout
- Bootstrap+ Foundation

**Development Phase 1**
- User Center
- Wallet Management
- Order Book
- Invite/Referral

**Start** — **Q1** 2022 — **Q2** 2022

**Development Phase 3**
- Financial
- P2P
- Strategy Trading

**Development Phase 2**
- Spot
- Future
- Margin
- Demo Accounts

**Q4** 2022 — **Q3** 2022

**Development Phase 4**
- Integration with third party payments
- R&D and AI

**Pre-Sale**
- Reaching out VC's during private sale

**Public ICO**
- Airdrops
- LaunchPads
- Listing

**Q1** 2023 — **Q2** 2023 — **Q3** 2023

**DAO**
- Governance Token besides utility token
- Launch Pads, Whitelisting

**Integration AI**
- Voice Enabled Help Center
- Spot Signals Bots
- Navigation

**Live**
- Live Exchange
- IOS and playstore apps

**Q2** 2024 — **Q1** 2024 — **Q4** 2023

**Bitnasdaq Public Chain**
- ZKP Sync
- Layer Zero(interoperability)

**BNQ Economic Model**
- BNQ Mining
- Deflationary Economic Model

**CEX to DEX**
- Dapps
- Layer Zero(interperability)
- Navigation

**Q3** 2024 — **Q4** 2024 — **Q4** 2025

**Bitnasdaq**

Inclusive Intelligence, Where AI Meets Blockchain