# HNB PROTOCOL

WEB 3.0 and Health & Beauty



# Summary

The vision, implementation, and practical results of Web 3 must meet the popularity and proliferation of virtual asset networks. In blockchain, the expansion of the network is essential by sociological standards, not by technical concepts. That's because it's very difficult to implement a true Web 3 without popularization. Continuous efforts and experimental projects were made to prevent users from being excluded, and the results showed that they were user-centered services such as DeFi and NFT.

Despite the significant development of Web3 services, there is still a long way to go to mass advertising, which is widely used by ordinary users, and the reality is that the proportion of them used in real life other than investment sales is very low. The number of virtual asset users is expected to reach 1.2 billion in 2025, but only about 290 million as of 2021. The utilization of the Internet is far short of 56 percent of the world's population.

Layer 2 solutions were inevitable for faster processing and easier access. Ethereum is set to upgrade to 2.0, and it is expected to show more effectiveness when combined with Layer 2 solutions.

However, Layer 2 solutions are evolving in different ways, and Zero Knowledge Proof, which has recently attracted attention, also has the disadvantage of being more technical than others. In other words, there is no solution that solves everything and brings it all together. Maybe it's the realm of impossibility. It may be a state that cannot be reached unless it is corrected from the root of Ethereum. After all Ethereum 2.0 is completed, all obstacles to popularity will have been resolved, but for now, that's just a theory. The potential risks that exist are always beyond expectations.

The HNB Protocol does not exclude Layer 2 solutions. Ethereum has the strongest popularity of any existing coin and is currently not threatened by the challenges of other Layer 1. Therefore, HNB Protocol is looking to tie Layer 2 solutions to platforms based on Ethereum. For popularity, which may be the most important goal, it is more important to think about bringing the main net together than to develop the main net and create the network from scratch.

The HNB Foundation opened an offline store in Korea that can receive professional services and established the foundation in 2021 to expand its businesses, including domestic and overseas expansion.

The HNB Foundation's real goal is to complete the ecosystem with a close relationship to real life, not just theoretical development.



# **HNB** Protocol

# **HNB Protocol's Business Plan**



- Based on the healthcare business, HNB Protocol intends to attract investment and increase customer service with blockchain investment technology for stable service and business expansion.

- The HNB Membership Mall (HNB App) can help you organize an online ecosystem to identify customer tendencies and tastes, find the right product, and deliver it to your partners to help you achieve market results.

- HNB Membership NFT is developed based on Web 3.0, and various benefits can be provided at physical affiliates.

- Blockchain technology provides stability, security, and transparency to ecosystem participants, and rewards contributions by ecosystem participation such as community utilization, product and service purchase, and event participation

- For example, twenty Myunyeok-gongbang's brick-and-mortar stores, one of the HNB Protocols, opened and have operated nationwide since 2022, and are planning to expand their offline ecosystem by expanding to overseas markets (the Americas, China, Southeast Asia, etc.) from 2024.

Reward points are provided with HNB tokens for participating in the ecosystem when participants in the ecosystem purchase products and use services in the immunization workshop and HNB App.

It also provides review rewards that allow you to receive rewards with HNB tokens by leaving reviews after purchasing products or services, or by participating in the ecosystem through detailed review content production, which can contribute to the expansion and development of HNB ecosystem.



# **HNB Protocol**

# **HNB Platform's Structures**

The HNB Platform consists of two main structures, each of which is organically linked to provide reliable service.

- Store: HNB will be offered as a reward if you use the HNB offline store service and purchase products from online malls.

- DB Layer: Built to record blockchain data and transaction records, product data and content.



![](_page_4_Picture_0.jpeg)

# Technology

#### HNB Cross chain

The HNB Protocol independently supports the development, connection, and expansion of crosschain and bridges to connect with platforms of various protocols. HNB is built on top of the Ethereum blockchain and supports linkage and expansion with various protocols, starting with Polygon Bridge, a Layer 2 scaling solution using the Proof of Stake (PoS) mechanism. Through this, it is built on different layers of the blockchain to solve the shortcomings that exist in Layer 1.

Polygon bridges leveraged by the HNB Protocol enable faster transaction speeds, environmentally friendly blockchain interactions, and move tokens between layers. The PoS bridge consists of two stages, with tokens transferred from the first network reaching the checkpoint during the transfer process, and eventually completing the move to the destination network. In this way, tokens move from one blockchain to another, and in the process, they do not provide an impact in other parts, because they only process the same token in different blockchain environments. That's why supply and value don't change, and utilities don't change either.

In this way, the bridge connects different blockchains to mediate transactions, and each main chain processes transactions that occur in the side chain. In a transaction processed by the bridge, a coin of one blockchain is signed with a private key and transmitted to the bridge, and there are three or more private keys, two of which are required. Therefore, if you proceed with the signature with the private key of the other protocol, a new token will be issued and transacted as much as the token sent to the bridge by the verifier.

Most of the bridge's security is rooted in the Nakamoto consensus format, in which the network's elected leader proposes the next block, and the node that first solves the problem of proof of work in Ethereum, the token base of the HNB Protocol, will be the leader at that point. The security of the bridge in the proof-of-work blockchain is characterized by the ease of verifying that the block header is valid.

HNB's Cross Chain aims to increase the fluidity and scalability of the ecosystem by linking it with more diverse protocols in the future, from polygon bridges to multi-sig bridges and smart bridges.

![](_page_5_Picture_0.jpeg)

# **Strength of HNB Protocol**

- 1. HNB platform provides a new and highly efficient third-party network
- 2. The service of HNB's B&M Myunyeok-gongbang has very high concept and quality.
- 3. Each component natually participates in the HNB ecosystem
- 4. HNB platform provides a new and highly efficient third-party network
- 5. To support interoperability, cross-chain improves exclusive ecosystems

#### Slowmist Audit

![](_page_5_Picture_8.jpeg)

# Smart Contract Security Audit Report

Audit Result : Passed Audit Number : 0X002201230001 Audit Data : 2022.01.21 - 2022.01.23 Audit Team : SlowMist Security Team

To demonstrate the stability of HNB, an ERC-20-based self-token, the HNB Protocol has been recognized by SlowMist, a global audit agency, for Smart Contract security audits and validations, and has passed a total of 13 security validation items. SlowMist is a blockchain verification agency that focuses on the blockchain ecosystem and conducts security checks and hacking prevention measures for projects such as global exchanges, cryptocurrency wallets, public chains, and smart contracts. Through this verification, the HNB Prorocol proved to be an objective and reliable platform.

![](_page_6_Picture_0.jpeg)

## CLIENT LAYER

HNB provides a user interface for blockchain applications. Customers can install DApp to use basic features through membership. The front root layer that connects data generated by events in HNB to the server network.

![](_page_6_Figure_3.jpeg)

## SMART CONTRACT

HNB is obligated to provide trust-based services to users by transparently disclosing information based on their holdings and automatically executing contract codes based on distribution. By implementing an equity structure through Smart Contract, distribution information based on efficiency and integrity can be recorded in a distributed ledger.

![](_page_6_Figure_6.jpeg)

#### • SERVER LAYER

HNB processes data generated by the platform through HASH CODE operations. The role of a layer that calls the blockchain Smart Contract function between the DApp and Server API, calls, and sends algorithms. The transaction is validated and the transaction history is shared with the node where the transaction occurred. If there is a node that is propagated to other nodes and determined to be a malicious attack, the transaction history is initialized and synchronized with a proven transaction history.

![](_page_6_Figure_9.jpeg)

![](_page_7_Picture_0.jpeg)

#### BLOCKCHAIN LAYER

Blockchain layer is the storage space of the blockchain data structure. You can store Merkle Tree and authentication digital sign information, hash, and content information containing transactions. It contains HAMAC data flawless sign, ECDSA data encryption, SHA transaction hash, and other transmission interval encryption and decryption.

![](_page_7_Figure_3.jpeg)

#### · OFF-CHAIN DMBS

The server layer processes direct data transmission and reception with DAPP. The on chain blockchain processing speed is approximately 30 TPS based on Ethereum. The block contains only about 200 payment information, so even if a user makes a payment at a shopping mall, the result information cannot be immediately replied. As a solution, it is a hierarchy that stores DBMS data through a cloud server and contains core HASH DATA in the online network layer.

#### • ON-CHAIN

Blockchain layer links HNB service data to the blockchain. It is a hierarchical space that stores important information in the HNB service in the BLOCK HEADER and contains meta information, payment, and point rewards of products in the blockchain. It is the main network layer on the Ethereum platform, and stores blocks containing Merck Tree and authentication digital sign-in information, hash, event (payment) transactions, and Meta Data delivered by DApp within blocks.

![](_page_8_Picture_0.jpeg)

## **Basic Technical Research and Development**

The L2 (Layer 2) solution is a separate layer designed to address the scalability issue of Ethereum mainnet. The goal is to make processing as fast as possible and lower fees, and various solutions have been developed accordingly. L2 is largely divided into side chain and plasma, state channel, rollup, and vallidium. Recently, ZK rollup based on knowledge is gaining attention, and volition is becoming the standard for ZK roll-up solutions. Transactions are expected to run on L2, and Ethereum mainnet is expected to operate as a settlement and data availability layer, and most blockchains, as well as Ethereum, are expected to develop a modular blockchain structure that divides tasks from layer to layer.

However, the current protocol of blockchain systems is difficult to have direct interoperability between systems, and the method of providing each value transmission of blockchain to the system is very complicated. As a result, solutions that provide integrated services are being developed and serviced, but these methods are likely to eventually lead to system security issues. To address these challenges, designing and using internal processes integrated with core blockchain protocols to conduct asset transfer transactions and promote interoperability between systems would be the right way to do so. An integrated internal process system allows the user to control and recognize the transfer of assets.

Based on this direction, HNB Protocol aims to reliably and securely connect various L2 solutions and Ethereum mainnet networks, while synchronizing them with direct services such as DApp to develop universally acceptable technologies and provide services in real life.

![](_page_8_Figure_5.jpeg)

![](_page_9_Picture_0.jpeg)

The protocol must provide a self-verifiable proof of state that encodes trust in the transport process to ensure agreement. Therefore, from the concept of incineration addresses, cross-blockchain protocols for exchanging assets between two different networks are key to HNB Protocol's pursuit. The protocol transfers assets from one blockchain and transfers the system to another so that the assets are incinerated in the source blockchain and regenerated in the destination blockchain. The HNB Protocol uses digital signatures, hash time locking, and integration mechanisms to perform blockchain transactions in a distributed manner.

![](_page_9_Figure_2.jpeg)

Blockchain technology provides an immutable distributed and transparent mechanism for transaction processing. It has the potential to improve the integrity of business processes and transactions in the enterprise. In addition to its role as a mechanism for exchanging values within a particular network, the technology must allow blockchain systems to transfer assets between networks. However, the current architecture of this technology limits transactions to a single network. As a result, blockchain applications cannot use multiple networks equally and obtain guaranteed configurations. The fundamental reason for this problem is that each blockchain network assumes its own state, so one network cannot verify information from the other without limitation.

Interoperability means that two blockchains can work together. Blockchain can provide guarantees for cross-blockchain transactions to other networks and vice versa, if possible, interoperate with other blockchain. The distributed cross-blockchain transport protocol should allow participants to take advantage of various existing blockchains instead of being fixed to a single blockchain type.

![](_page_10_Picture_0.jpeg)

The HNB Protocol is built on preliminary work on cross-blockchain transactions and interoperability. It consists of two components: the exitTransaction function and entryTransaction, which generate a self-verifiable proof that a transaction is committed on the source network. The main benefit of this built-in method is that it is not specific to systems/applications as a function of validating proofs to regenerate assets on the target network. Unlike traditional approaches that rely on external middleware mechanisms, our protocols do not require new cryptographic assets or trusted third parties. Instead, universal mechanisms are implemented for all applications and the same integrity requirements are applied across different connected blockchain networks. Although the proposed protocol can serve as a framework for cross-chain asset transfer, which allows applications to construct networks based on trust assumptions and guarantees, all of these networks share the same cross-blockchain transport protocol.

![](_page_10_Figure_2.jpeg)

Cross-blockchain protocols have three stages: preparation, commitment, and execution. During the preparation phase, the user agrees and sets the transfer parameters. It is assumed that this process occurs out of band through a secure channel. In the commit phase, the source network uses exitTransaction to generate time-locked and publicly verifiable receipts as proof of transmission. Defines this transfer proof as a committed blockchain-to-blockchain transaction. The formula is shown below.

Burn v to $\beta(R's address)$	S reclaim v after th
$v(timeLock - t_1) \rightarrow H(r)$	S reveal y
If (R claim v)R reveal $\gamma$ with in $t_1$	If(not)

![](_page_11_Picture_0.jpeg)

Using a time lock mechanism, a transaction locks assets on the source network for a predefined/specific period of time, and when the delivery proof is presented at the execution stage, the destination network node validates the delivery proof and performs the exchange via entryTransaction. It is assumed that the network node of the recipient can verify the transmission proof through the gateway node. The recipient can claim the transaction if it is within the conditional time limit and the proof of transmission has been verified. If the transaction fails, meaning that the recipient did not claim the asset within the time lock period, the sender can recover the asset.

In summary, protocols for all blockchain-based systems are presented to ensure the integrity of interchain transmission. The HNB Protocol is expected to be highly utilized in the area of business of companies that must overcome various users and usage environments.

(It was described that the HNB Protocol originated from the idea of Dr. Babu Pillai's paper Burn-to-Claim Protocol).

![](_page_12_Picture_0.jpeg)

## **Economy**

The HNB was developed with the focus of Myunyeok-gongbang, an existing physical business, to improve problems arising from the existing health care facility-related market and to develop into a next-generation platform. It was developed to introduce an objective, transparent, and safe blockchain into the platform and to participate in the platform ecosystem using HNB, a key token. HNB platform users can utilize related services in the platform using HNB, and we want to establish ourselves as a blockchain platform that provides various benefits to users who participate in the platform ecosystem. As a next generation blockchain platform, HNB aims to expand business areas such as partnership and collaboration with various related companies and platforms to expand various service delivery directions and business areas.

![](_page_12_Picture_3.jpeg)

#### HNB Membership NFT

Membership NFTs developed based on Web 3.0 allow HNB to receive various benefits from offline merchants included in the real HNB ecosystem. The maximum circulation of HNB Membership's NFTs is 10,000 in total, and each person can have up to one. Among the users participating in the HNB ecosystem, those who want to have a Membership NFT move 10,000 pieces to a meta mask that interacts with the HNB NFT Contract, and when they do, Smart Contract detects them and issues an HNB Membership NFT. This Membership NFT allows users to receive a wide range of discounts and benefits from Myunyeok-gongbang and other affiliates. Membership NFTs take effect by certifying Membership NFTs in your wallet through Web 3.0-based programs in immunization workshops and affiliate sites.

HNB's Membership NFT will remain in effect while 10,000 HNBs are held in the metamask, and if it changes below the basic quantity, the NFT Token ID paid according to the function set in the Smart Contract will cease to be effective and membership will also become ineffective.

![](_page_13_Picture_0.jpeg)

#### HNB Reward

HNB provides contribution rewards for ecosystem participation, including community utilization, product and service purchases, and event participation. Reward points can also be provided with HNB tokens as rewards for ecosystem participation when ecosystem participants purchase products and use services at Myunyeok-gongbang and HNB affiliated stores.

It also provides review rewards that allow you to receive rewards with HNB tokens by leaving reviews after purchasing products or services, or by participating in the ecosystem through detailed review content production, which can contribute to the expansion and development of HNB ecosystem.

## ChatBot of HNB Membership Mall's Artificial Intelligence

The HNB prioritizes the ecosystem of the real economy. The Myunyeok-gongbang is only the starting point for the composition of the ecosystem and is expected to find various contents in Health and Beauty in the future and Beauty. In this situation, companies are launching reliable customer data and products based on it, and developing new products, but the way to get customer data is not as easy as you think. Customers also want to find health and beauty information that suits them, but it is difficult to find the best product for too much information.

HNB will share user-written reviews, and companies can find the answer to this problem by providing HNB coins as content rewards to provide transparent information to product sales and manufacturers to provide a platform for securing data that greatly helps develop products.

#### - Changes in communication between businesses and customers

With the recent development of the 4th Industrial Revolution and the emergence of artificial intelligence technology, communication methods between companies and customers have changed significantly. Communication methods using ChatBot are developing a lot, which allows companies to communicate more efficiently with customers.

The traditional method of collecting customer feedback was mainly through e-mail, phone calls, and customer centers. However, this approach can result in longer latency and response times, which can lead to lower customer satisfaction. On the other hand, the method of collecting customer opinions using chatbots can respond in real time and answer customers' questions quickly. Chatbots also help companies manage customer feedback efficiently.

![](_page_14_Picture_0.jpeg)

Recently, with the rapid increase in mobile subscribers, mobile communication methods through chatbots are developing. In addition to the convenience of mobile devices, it has the advantage of being able to get counseling anytime, anywhere.

In addition, chatbots automatically store conversation records, so companies can analyze customer questions and use them to develop products or develop marketing strategies. This can increase the efficiency of customer feedback and contribute to improving the competitiveness of the enterprise.

Recently, chatbots are not just used to collect customer opinions, but are also developing to perform various functions such as ordering and payment, reservation, and tracking. This enables companies to interact more actively with customers and is a great way to increase customer satisfaction.

#### Overview of services using chatbot and blockchain technology

- 1. Overview of Service
- ✓ With this service, companies can communicate with customers through chatbots and implement prosumer marketing using blockchain technology.
- ✓ When a customer purchases a company's product or service, they can acquire, accumulate, or exchange tokens on the blockchain.
- Companies can issue NFTs to promote their products, register them on the blockchain, and provide them to customers.

#### 2. Contents of the service

- ✓ This service helps collect customer opinions and consult using chatbot technology.
- ✓ This service acquires, accumulates, and exchanges tokens using blockchain technology.
- Companies can get product promotion by issuing NFTs on the blockchain and providing them to customers.

✓

![](_page_15_Picture_0.jpeg)

**3.** With chatbot technology, you can naturally communicate with customers to gather opinions on promotional products, and based on this, you can survey data developing new products, or approach customers very naturally.

Service ex) Users use chatbot technology that allows them to talk naturally through the Kakao Messenger app or Facebook Messenger app (other message windows) along the URL link on the label. This allows users to comment on the products they have experienced.

Two main ways to collect the latest trend data are as follow:

#### 1. Analysis of chatbot conversation records

Analyze chatbots' conversation history to identify frequently asked questions or opinions about products. This helps you understand the latest trends or user preferences.

#### 2. Monitoring of social media (review)

Monitor information about experience products that users refer to on social media. This allows users to identify features of their preferred products, desired sizes, product ratings, and more.

These data collection methods enable HNB to identify the latest trends and user information, select better products, find customer needs, and store the data needed to produce new products in the blockchain for stakeholders to use. Therefore, storing survey data on a blockchain can help you manage your data in a secure, transparent, secure, and efficient environment. This can increase the credibility and reliability of your data and increase the reliability among participants.

The above methods allow chatbot algorithms to engage in natural conversations with customers, gather the latest trends and user information, and use them to produce new products. This enables HNB to identify customer tendencies and preferences, find the right product, and deliver it to its partners to help them achieve market results.

- Collection and utilization of customer data (excluding personal information)
- Insights your customers on a Big Data
- Curation commerce (data-based recommendation algorithm
- Provide customized advertising
- Recruitment of Supporters Customers

![](_page_16_Picture_0.jpeg)

## Utility

![](_page_16_Picture_2.jpeg)

#### Purchase of Token

To use the services provided by the HNB platform, users can purchase tokens directly from the HNB platform or through an exchange with HNB coins listed.

![](_page_16_Figure_5.jpeg)

#### Participation in the Ecosystem

Users who participate in the HNB ecosystem can participate in the ecosystem by working in the community within the platform or by participating and trading in events hosted by the HNB Foundation and Partnership. Reward is designed to allow fees paid for using HNB in platform ecosystem utilization to be transferred to the compensation pool, which is paid as reward for participation in the ecosystem.

![](_page_16_Figure_8.jpeg)

#### Use of Cryptocurrency Exchanges

Ecosystem participants with HNB tokens can use listed exchanges to manage additional investment operations. This allows you to generate additional revenue and participate in the HNB ecosystem again through the revenue secured here.

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# **Token Information**

# **Token Information**

Token name	HNB Protocol	Symbol	HNB
Technology	ERC-20	Туре	Utility
Total Supply	1,500,000,000 HNB	Decimal Point	18
Token Address	0x6E0615a03eD9527a6013FcD5B556E36EF4DaB1FF		

# **Distribution Information**

![](_page_17_Figure_5.jpeg)

[이미지: HNB 분배 도넛 차트]

HNB is issued for the purpose of developing, trading, and participating in the ecosystem to provide rewards within applications that can be used in the HNB ecosystem, and to create an ecosystem for transparent recording and management of information. It will also be used for marketing to expand the HNB ecosystem, such as partnership and cooperation with other businesses, development of a listing and independent blockchain network, maintenance, platform construction, and countermeasures against changes in market conditions.

![](_page_18_Picture_0.jpeg)

## **Business**

 $\forall$  HNB pursues Health and Beauty.

The Myunyeok-gongbang refers to a space to experience natural detox hot packs (wave baths) that use far-infrared rays, anions, and various waves that are beneficial to the human body to release harmful substances such as toxins, waste, and cholesterol outside the body. Wave rock is Japan's oldest rock created hundreds of millions of years ago, and it is an illusionary stone with excellent far-infrared and far-infrared levels.

![](_page_18_Picture_4.jpeg)

Myunyeok-gongbang introduced wave thermal therapy from Japan, which focuses on health, healing, and beauty in 2013 after about eight years of verification.

#### Introduction of Wave Thermotherapy

Wave thermotherapy uses terahertz waves and anions, which are life rays generated from wave stones, natural rocks imported from Japan, and far-infrared rays, which are already well known as growth rays, and thermal therapy. This is a new concept of healing experience that increases our body's immunity by up to six times and releases harmful ingredients such as 7.7 billion toxins, waste, and bad cholesterol from our body in the most efficient way. By lying comfortably on a warm natural wave stone, you can enjoy the effect of energizing and revitalizing your body through wave reduction, a scientific detox thermotherapy that releases toxins that have been accumulated in your body with sweat even in a short period of time.)

As in the above case, the HNB Foundation is directly providing services in real life, and the Myunyeokgongbang is only the starting point. The Myunyeok-gongbang clearly shows the direction of business and will form various ecosystems in the future. This element is a great advantage of our foundation.

![](_page_19_Picture_0.jpeg)

# **Road Map**

![](_page_19_Figure_2.jpeg)

- The roadmap is subject to change depending on the project and the variables that may arise during the development process.

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# **Partners**

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# Disclaimer

This document is intended for informational purposes and subject to change. The white paper is a description of the business plan and vision and does not warrant the business. The original language of the white paper was written in Korean, and in the case of white papers in other languages, there is a possibility of misunderstanding or omission in the translation process. The Korean version of the white paper is the clearest than the translated version, and final confirmation is recommended with a white paper written in Korean for accurate information delivery. Nothing in this document establishes advice on law, finance, commerce, or taxes. Because HNB is not securities and is not used for financial promotions, nothing in this document is used to induce investment activities or to invite. This document does not provide any comment as to whether you should participate in the HNB Protocol or purchase the HNB and should not be relied upon in the contract or purchase decision. Prior to purchasing, participants should take all professional information, including tax and accounting, and understand their ability to guard against the risks of cryptocurrency volatility. Recognizing the inherent risks requires a comprehensive understanding of the current cryptocurrency market. I understand and agree that HNB does not express or warrant any use or price, and that there is no guarantee or provision that HNB will benefit from it.

We shall not be liable for any loss or damage, direct, indirect, consequential or otherwise, and all information contained herein and any present or subsequent disclosure of HNB shall not be construed as a guarantee of profit or profit in any form at the time of occurrence. The HNB Protocol shall not be liable for any damage caused by any individual or organization (agent, user, employee, insurer, lawyer, etc.). HNB should not be acquired for speculation or investment purposes in anticipation of return on investment.

Participants in the HNB Protocol are aware of the risks associated with cryptocurrency, such as high price volatility and the unique risks of the cryptocurrency market and acknowledge that the platform is currently under development and that the contents of the document may change. As the HNB Protocol progresses, the content of this document and the White Paper may be changed or renewed, and revisions and updated versions may be published prior to the public sale date until the final version is announced. It also acknowledges that it does not guarantee the duration of the HNB Protocol and may be disrupted due to a lack of platform awareness and investors, or lack of funds for platform development. We acknowledge that the contents of this document are not arbitrarily interpreted by the participants. Because the HNB Protocol is not intended to constitute securities or other regulated products of a particular country or jurisdiction, this document does not constitute a guide or legal document and does not provide or recommend national or jurisdiction securities or regulated products. This document has not been reviewed by regulators in all countries or jurisdictions. In addition, virtual currency can be monitored or supervised by regulators in various jurisdictions. The HNB Protocol may be queried, notified, warned, requested, or administrative disposition by one or more authorities in uncertain times, or ordered to suspend or suspend actions relating to the HNB.

![](_page_22_Picture_0.jpeg)

This has the uncertainty that the future development of the HNB Protocol could be severely disrupted or consequently terminated. We do not certify or warrant the accuracy or completeness of the information, statements, opinions, or other matters described herein. It does not provide expressions or guarantees for the construction of any forward-looking or conceptual representation. Nothing in this document shall therefore be used as a way of guarantee or confidence in the future and shall be indemnified against any person acting against this White Paper or any liability for any loss or damage arising therefrom to the extent permitted by the relevant law. Participants acknowledge and agree to their responsibility to comply with all laws, rules or regulations applicable to the transaction. The HNB acquirer acknowledges and agrees that HNB Protocol is not directly or indirectly liable for all tax obligations arising from the acquisition of HNB. It is also agreed and acknowledged that the applicable laws, regulations and executive orders may require disclosure of information about HNB participants' accounts at the request of government agencies. Please review the summary contained in this document with reference to the underlying terms and conditions of agreement on the type of contract set forth in this document.

The certain information specified in this white paper contains forward-looking statements and forward-looking information. Except for historical statements, specific information contained herein does not constitute, but does not constitute, future assessments based on activities, events or plans based on future developments and capabilities of HNB-related services and user adoption, experience, context, objectives, and inaccuracies.

Forward-looking statements often include "may", "will", "could", "would", "anticipate", "believe", "expect", "intend", "potential", "estimate", "budget", "scheduled", "plans", "planned", "forecasts", and "goals." The forward-looking statements were based on several factors and estimates made by management and were considered reasonable at the time the information was provided. Forward-looking statements contain known or unknown risks, uncertainties, and other factors, such as actual results, performances, or achievements that are substantially different from those expressed or implied by forward-looking statements.