GKBW

W H I T E P A P E R

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1. Introduction

1.-1 Project Overview

] Vision and Objectives of the GKBW Project

he GKBW Project aims to bridge the gap between digital and physical assets in an innovative way, unifying them into a new form of digital wealth. By combining the proven stability and reliability of gold—established over centuries—with modern financial technology, we provide an accessible and inclusive asset management solution for everyone.

CHOS is a digital asset anchored to the value of 1 gram of gold. It maintains the stability of traditional gold ownership while incorporating the flexibility and efficiency of the digital economy. CHOS holders can convert their assets into S-Points at any time to purchase physical gold via the STARRY GOLD platform. This empowers users with both value preservation and maximized liquidity in digital asset markets.

GKBW functions as a utility token within the ecosystem, facilitating transactions and enabli ng participation in governance. Through GKBW , users gain access to functionalities such as the C HOS exchange and contribute to decision-making processes that drive the ecosystem's growth. heT GKBW ecosystem, built on transparency and decentralized participation, aims to provide a fair and user-centric environment for asset engagement without speculative pressure.

Our vision is to establish a global standard for safe and efficient asset management by merging gold with digital assets. We believe the future of finance is defined by accessibility and transparency, and that the value of gold is no longer limited to traditional forms but is being reborn in the digital age.

The ultimate goal of the GKBW project is to build an ecosystem where anyone can easily and securely own and trade trustworthy assets. Grounded in stability and innovation, we are determined to lead the future of finance and become the core platform of the next-generation digital asset ecosystem.

1.-2 Token Structure: GKBW , CHOS and S-Point

] GKBW - Liquidity and Governance

Liquidity Support: GKBW enhances liquidity within the ecosystem and enables users to convert their holdings into CHOS, a gold-backed digital asset.

Governance Participation: GKBW holders can engage in governance discussions through a Decentralized Autonomous Organization (DAO), contributing to the development of the ecosystem. This participation occurs without financial incentives, encouraging fair and transparent decision-making.

] CHOS - Gold Value Indicator

Digital Gold Value: CHOS is a digital asset pegged to the value of 1 gram of gold, offering users the opportunity to hold a stable, gold-backed digital asset.

Swap and Conversion: Within the STARY GOLD platform, CHOS can be swapped into S-Point for use in purchasing physical gold.

] S-Point - Internal Credit for Physical Gold Purchase

S-Point is an internal point system used to purchase physical gold on the STARY GOLD platform. Pegged to 1 USD, S-Point ensures that users can acquire gold at an accurate and transparent value. Users can swap CHOS for S-Point, forming a direct bridge between digital assets and real-world gold ownership.

] Integrated Gold Purchase Flow

This token structure is designed to allow seamless conversion from digital assets to physical assets. The flow is as follows: GKBW → CHOS: Users swap GKBW for CHOS, gaining exposure to gold-backe d digital assets. CHOS → S-Point: CHOS is then converted into S-Point. S-Point → Physical Gol d: Users purchase real gold through the STARY GOLD platform. This system creates an organic li nk between digital and physical assets, enabling a stable and trustworthy user experience. SN AH , CHOS, and S-Point each serve distinct functions that support platform participation and ut ility: CHOS reflects the market value of 1 gram of gold. S-Point is pegged to 1 USD. Together, they form the foundation of the GKBW ecosystem, ensuring reliability and asset convertibility.

1.-3 Background and Necessity

Challenges of the Traditional Financial System and the Need for Gold-Backed Assets

Modern traditional financial systems are burdened by centralization, complexity, and vulnerability. Currencies controlled by central banks and governments are prone to inflation, rising debt, and depreciation, all of which can trigger or worsen global financial crises. Additionally, centralized financial institutions are often criticized for high fees, opaque procedures, and lack of transparency—ultimately limiting individuals' control over their finances.

Gold has long been regarded as a reliable store of value and a hedge against inflation and economic turmoil. Despite market volatility, gold has maintained stability and remains a key alternative asset for those seeking to avoid the risks of centralized financial systems.

The Potential of Digitized Gold-Backed Assets

With the rapid growth of digital assets, gold-backed digital assets are emerging as a new investment alternative, combining the stability of gold with the flexibility of blockchain. The GKBW Project aims to tokenize gold through CHOS, a digital asset that reflects the value of 1 gram of gold. This allows users to benefit from both asset stability and digital liquidity.

By complementing the limitations of centralized systems, GKBW enables users to securely participate in the digital economy while holding a stable, value-preserving asset. Gold-backed digital assets are expected to serve as safe havens during times of economic uncertainty and will play a crucial role in bridging the gap between traditional and digital finance.

1.-4 Project Mission and Vision

ㅣ Digitizing Gold Value: CHOS

CHOS is a digital asset pegged to the value of 1 gram of gold. It allows users to benefit from the stability of gold without the need to physically possess it. CHOS offers both liquidity and efficiency, presenting a new investment model that dissolves the boundaries between digital and physical assets.

ㅣ User-Centric Stability and Trust

The GKBW Project is committed to providing a secure and trustworthy asset management environment for users. Transactions are automated through smart contracts, and real-time pricing ensures transparency and reliability. Additional features such as verified price feeds, periodic audits, and reinforced security systems further strengthen trust in the management and stability of user assets.

This architecture establishes a high level of security and operational transparency throughout the GKBW ecosystem, thereby enhancing user confidence.

ㅣ An Ecosystem Enabling Physical Gold Purchases

Recognizing gold's longstanding role as a store of value, the GKBW ecosystem allows users to securely hold its value in a digital format. The entire ecosystem ensures transparency in the gold purchasing process, offering users a trustworthy asset management experience. As a result, GKBW is positioned as a hybrid financial platform that seamlessly connects digital and physical assets.

ㅣ Swap Mechanism Between GKBW and CHOS

Real-Time Price Integration: GKBW's price is determined by market supply and demand, while CHOS reflects the international gold price. The STARRY GOLD platform continuously tracks real-time market prices to calculate accurate exchange rates between GKBW and CHOS. This ensures fair and transparent swaps based on current market conditions.

2. Market Analysis

2.-1. Advantages of Purchasing Gold through the Starry Gold Platform

Global Expansion Strategy Starting from Legally Stable Jurisdictions

The STARRY GOLD platform will begin gold sales in legally secure regions such as Singapore and Hong Kong, where there are currently no regulatory restrictions. From these initial markets, the platform will gradually expand to additional countries, ensuring compliance with local regulations while building a stable and scalable global distribution infrastructure.

User-Centric Platform with Convenience at its Core

Designed with trendy aesthetics and an intuitive user interface, the STARRY GOLD platform allows anyone to easily and intuitively purchase gold. The platform offers a wide range of products including 24K pure gold items and custom-made personalized orders. With seamless category navigation and continuous feature enhancements, the platform maximizes user convenience, enabling investors to focus more efficiently on gold trading.

Real-World Asset Payment Ecosystem Powered by GKBW Coin

Built on the Polygon blockchain, the STARRY GOLD platform supports both web and mobile applications, allowing users to purchase not only gold but also a wide variety of physical assets and goods using GKBW Coin. The ecosystem is set to expand beyond gold and precious metals to include everyday consumer goods, establishing a comprehensive utility-based digital economy.

Additionally, the platform will grow to include staking systems, gold marketplaces, collateralized lending services, digital asset-based funds, and options trading, offering an innovative investment environment that bridges the gap between physical and digital assets.

3. Business Model and Partnership Strategy

3.-1. Capabilities of Key Partner Companies

Overview

The Starry Group, the core partner of the GKBW Project, holds 11 patents related to mining technology and laser cutting techniques for gold refining. Traditional sand gold extraction methods often suffer from low commercial viability due to the difficulty and high cost of separating gold from iron. However, Starry Group's patented technology — centered on an automated iron separation system — has dramatically improved gold extraction efficiency, enabling high profitability even from low-grade mines.

In addition, while traditional casting-based production methods typically require 11 steps, the company's laser-based processing innovation reduces the process to just four stages, greatly enhancing productivity and cost-effectiveness.

Starry Group has already signed a partnership agreement with an Australian gold mine, allowing it to participate in the full value chain — from extraction to final product sales. This enables the group to supply gold products at prices approximately 20% lower than conventional market rates.

Mining and Refining Technology

Starry Group's advanced mining technology includes: Dual iron separation systems, Dry metal particle separators, Vibratory particle sorters, Rock crushing systems, Automated sorting technologies capable of reducing mineral size by 20 times, These innovations allow for precise separation of gold and iron, significantly increasing both refining efficiency and economic feasibility.

┃ Innovative Laser Cutting Technology for Gold and Precious Metal Processing

Starry Group specializes in the mechanization and automation of jewelry manufacturing using its proprietary laser and gold spray technologies. Unlike traditional casting-based manufacturing methods that require 11 steps, Starry's innovative laser-based process reduces production to just 4 stages, resulting in six major advantages:

① Rapid product delivery through standardized processes and product customization to meet diverse customer demands

② Automation of 80% of the entire production process using advanced laser technology

③ Manufacturing and processing of approximately 2,000 jewelry pieces per day

④ High-strength jewelry production by compressing 24K gold to achieve 10 times the original hardness

⑤ Enables mass production with a wide range of customized products

⑥ Dramatically reduces post-processing time through ultra-precision machining, leading to innovative cost savings

Expansion of Jewelry Distribution Channels to Drive Sales and Competitive Advantage

Leveraging its proven technology, Starry Group has established itself as a leading jewelry brand in South Korea, with robust sales through diversified distribution channels. The company's current channels and expansion strategies include:

① Sales through global wholesaler Costco (South Korea and Canada)

② Revenue stabilization via franchise expansion

③ Increased sales through global online marketplaces such as Amazon

④ Development of an affiliated luxury brand, "Starry Jewelry," for premium market positioning

⑤ Expansion of partnerships with major retailers, including E-Mart, Homeplus, and Emart Traders, as well as department stores

⑥ Development of regional network partners and new franchisees

⑦ Currently trading with 6,000 out of 10,000 jewelry and precious metal dealers, with continued expansion planned

⑧ Global franchise expansion and licensing sales strategies to activate overseas revenue

⑨ Sales growth through the "Gold Vending Machine" business model

Integration with Gold Wholesale and Retail Business

We have established overseas subsidiaries in South Korea, Hong Kong, Singapore, Canada, Australia and Japan, and we are planning to expand into the United States, United Kingdom, UAE, the EU, and Southeast Asia. As a globally certified gold distributor, we hold a strong position in both the wholesale and retail gold markets. Leveraging this foundation, we are operating a business model directly linked to the GKBW ecosystem, with the capability to purchase gold directly from global markets and establish a stable supply chain. This global network plays a vital role in ensuring a steady supply of physical gold products and enhancing the credibility of gold-backed digital assets .

3.-2. Ecosystem Expansion through Strategic Partnerships

ㅣ Partnerships with Financial and Blockchain Institutions

Through collaboration with financial institutions and blockchain technology providers, the GKBW ecosystem can maximize transparency and security in digital asset transactions. Working with trusted financial partners enables CHOS and GKBW to be structured as financial products, whil e alliances with blockchain infrastructure firms enhance smart contract performance and transactio n security.

ㅣ Collaboration with Global Payment Platforms and Distributors

Partnering with international payment platforms and distribution companies enables the GKBW ecosystem to expand its presence in the digital payments and global trade sectors. These collaborations allow GKBW and CHOS to be used in a wide range of online and offline paymen t systems, while partnerships with distributors provide a more accessible environment for users t o convert and utilize physical gold and digital assets.

ㅣ Partnerships with Luxury Brands and Premium Service Providers

Alliances with luxury brands, high-end jewelry makers, and premium service companies can enhance the exclusive appeal and prestige of the GKBW ecosystem. These partnerships offer unique services to ecosystem participants, increasing the utility of gold-based assets and supporting expansion into the premium market.

3.-3. DeFi Integration and Financial Products

The GKBW ecosystem is designed to expand into decentralized finance (DeFi), leveraging the stability of gold-backed assets to introduce a variety of financial products. As the ecosystem grows, gold-based digital assets will unlock new opportunities, enabling users to engage in liquidity provision, collateralized lending, staking, and deposits.

ㅣ Collateralized Lending Products

Users can deposit CHOS as collateral to obtain loans. Given its gold backing, CHOS serves as a highly stable collateral asset, allowing users to access loans under favorable conditions.

ㅣ Staking and Deposit Programs

GKBW holders can stake their assets to participate in the ecosystem, while CHOS holders can earn interest by depositing into gold-collateralized deposit products.

ㅣ Insurance Products

DeFi-based insurance products using GKBW and CHOS can also be developed, enabling users to protect their assets and enhance risk management, thus improving overall asset stability within the ecosystem.

4. Technical Architecture

4.-1. Blockchain Infrastructure

] GKBW Ecosystem Built on Polygon (Matic)

The GKBW ecosystem is built on the Polygon (Matic) blockchain, a Layer 2 scaling solution for Ethereum that offers high transaction throughput, low fees, and excellent scalability. This blockchain infrastructure enables the GKBW ecosystem to process transactions quickly a d nefficiently, providing users with a stable and secure environment for trading digital assets like CHO S and GKBW .

By utilizing the Polygon network, the GKBW ecosystem maintains both security and liquidity while offering a scalable platform that can onboard a growing number of users and integrate with global networks. This ensures reliable digital asset management and positions the ecosystem for future expansion.

] Asset Issuance and Management via Smart Contracts

Within the GKBW ecosystem, smart contracts are used to automate the issuance and management of digital assets. These self-executing programs on the blockchain enable transparent and secure operations for minting, distributing, and managing GKBW and CHOS tokens.

Smart contracts eliminate the need for centralized intermediaries, ensuring that asset transfers, rewards, and swaps are executed automatically according to pre-defined conditions. This structure enhances user trust and strengthens security, allowing the ecosystem to manage assets efficiently and transparently.

ㅣ Passwordless Authentication

The existing authentication and security systems face challenges due to the proliferation of various authentication technologies, resulting in inconsistent implementation processes and redundant costs depending on each solution. To address this issue, the Stary Gold Platform is establishing a proprietary distributed authentication key system to unify enterprise-wide authentication policies. Furthermore, it shifts the traditional password policy—which was centered around service providers—to a user-centric model, thereby advancing the authentication paradigm.

To overcome the vulnerabilities of conventional password-based authentication systems, a blockchain platform based on FIDO (a passwordless authentication framework) is being developed under GKBW . This system is designed to operate seamlessly across multiple devices, includi ng mobile and PC. It enables real-time monitoring of security vulnerabilities and helps prevent inter nal information leaks. By acquiring FIDO certification from the FIDO Alliance, the platform ensures international compatibility. Additionally, obtaining Grade 1 GS certification in Korea and designation as an Excellent Information Protection Product further verifies its reliability and security.

5. Ecosystem Governance

5.-1. Role of the DAO

Governance Participation by GKBW Holders

The GKBW ecosystem is designed based on a decentralized autonomous organization (DAO) structure, allowing GKBW token holders to directly participate in decision-making processes. Holder s can influence the protocol's development direction and core policy decisions by submittin g proposals and participating in governance votes. Voting power is granted in proportion to t he amount of GKBW held, and proposals are handled fairly through a voting process. This struct ure ensures transparency and democracy within the ecosystem, providing participants with di rect opportunities to contribute.

Reward System for DAO Participation

The GKBW ecosystem offers various forms of rewards to users who contribute to DAO activities. These rewards go beyond mere participation and are fairly distributed to users who make meaningful contributions to the ecosystem.

Key Reward Categories

Governance Participation Rewards: Provided to users who participate in decision-making activities, such as governance voting.

Proposal Incentives: Given when a proposal that positively impacts the ecosystem is accepted.

Long-Term Contribution Rewards: Additional rewards are offered to users who consistently participate in DAO activities over an extended period.

This reward structure is designed to increase participation incentives and promote sustainable, long-term engagement within the GKBW ecosystem.

5.-2. Decision-Making Process

User Voting System and Key Decisions

The user voting system within the GKBW ecosystem allows GKBW token holders to contribute t o decisions on critical matters. Holders can use their voting rights to participate in decisions relate d to protocol updates, policy changes, reward structures, and other important aspects of t he ecosystem. Voting is conducted in proportion to the amount of GKBW held, ensuring fair representation of opinions. Major decisions are made based on majority rule, and the develop ment direction of the ecosystem is determined through a transparent and democratic process.

Transparent Decision-Making and Strengthened Governance

In the GKBW ecosystem, where valuable assets like gold are traded, trust is of the utmost importance. To uphold this trust, the ecosystem will rigorously establish transparent decision-making procedures and a robust governance system. The structure is designed to ensure that GKBW token holders can actively participate in the decision-making process, with all decision s made through a transparent and accountable system.

6. GKBW Team Introduction

ㅣ CEO | Stephany

Gold Industry Specialist with Over 30 Years of Experience

· Former Executive Director of a Gold Trading Platform

· Extensive expertise and experience in precious metal trading, jewelry manufacturing, and strategic business development within the gold industry

ㅣ CSO | Daivd

Expert in M&A, IPO, and Corporate Strategy

· Successfully led 3 IPOs and 2 M&A transactions, including corporate spin-offs and public listings

ㅣ CFO | Steven

Finance Expert with 30 Years of Experience

· Former executive at a major financial group (1989~2020), specialized in financial infrastructure management, payment services, and trust-building strategies

· Deep knowledge and hands-on experience in corporate finance, risk management, and financial strategy

] Legal Advisor | Myeon

A legal expert with a background as a senior prosecutor

] CTO | Bob

Senior Developer and Cybersecurity Expert

• Over 10 years of development experience at major institutions including a coin foundation and financial group

• Specialized in cybersecurity, blockchain integration, and system architecture design

] CMO | ADC

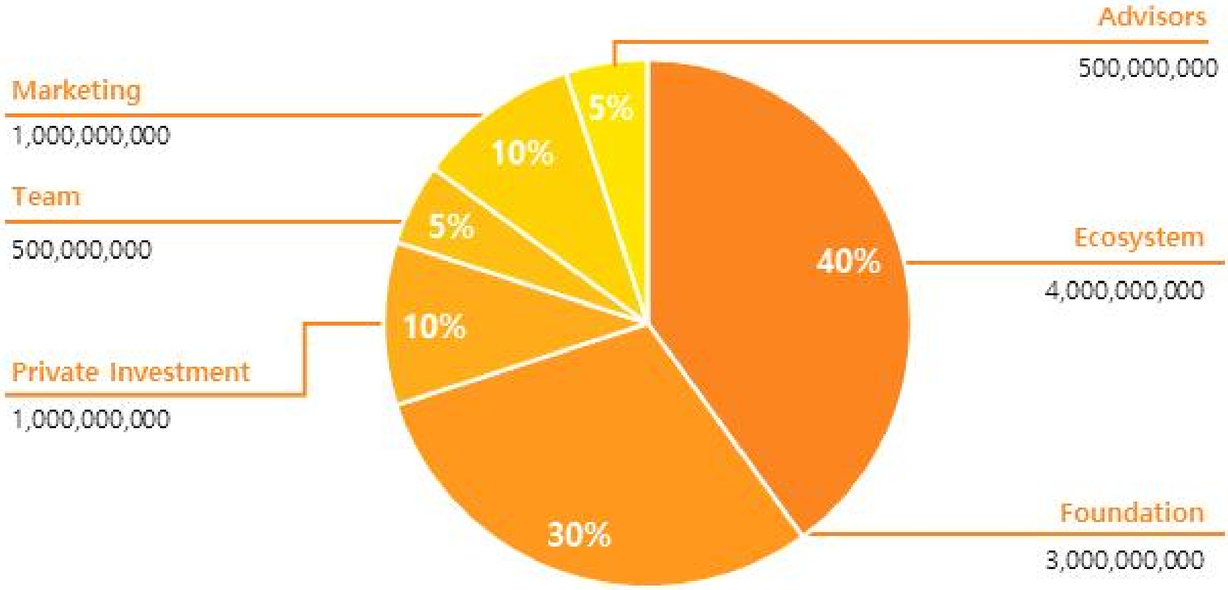
Marketing and Community Growth Strategist

· Over 3 years of practical experience in project management, construction, business development, and marketing

· Extensive expertise and hands-on experience in building and managing crypto communities

7. GKBW Tokenomics

7.-1. Token Distribution



[GKBW Tokenomics]

7.-2. Unlock Plan

No.	Allocation	Rate	Amount	Comments
1	EcoSystem	40.00%	4B	From August 2026 to November 2034, 40 million tokens will be released each month.
2	Foundation	30.00%	3B	From August 2026 to November 2034, 30 million tokens will be released each month.
3	Private Investment	10.00%	1B	From August 2026 to November 2034, 10 million tokens will be released each month.
4	Team	5.00%	500M	From August 2026 to November 2034, 5 million tokens will be released each month.
5	Marketing	10.00%	1B	From August 2025 to November 2033, 10 million tokens will be released each month.
6	Advisors	5.00%	500M	From August 2026 to November 2034, 5 million tokens will be released each month.
Total supply		100%	10B	

9. Conclusion

9.-1. Future Vision of the GKBW Project

] CHOS's Potential as a Gold Value Index

CHOS is a digital asset that reflects the value of 1 gram of gold, serving as a key link between physical and digital assets. Backed by the stability of gold, CHOS offers investors trust and security, with the potential to create new financial opportunities in the global digital economy. As it digitizes the value of gold, CHOS will become a core asset within the GKBW ecosystem and play a pivotal role in the future financial landscape.

] An Innovative Financial System Combining Gold and Digital Assets

The future we envision is one where tangible assets like gold are integrated with digital assets to create a new financial system. CHOS combines the stability of gold with the flexibility of digital assets, offering an innovative ecosystem where anyone can easily own and trade gold. This system operates on the pillars of trust, stability, and transparency, aiming to reshape the global financial landscape through gold-backed digital assets. This innovation opens doors to new financial opportunities and a more promising economic future.

] Continuous Expansion of the GKBW Ecosystem

The GKBW ecosystem, built on the stable foundation of gold, aims to expand into various sectors such as luxury jewelry brands and digital gold exchanges. This expansion supports the wider use of gold-backed digital assets and offers participants a secure and innovative financial environment. With a focus on long-term growth, GKBW is committed to building a comprehensive ecosystem tha t digitizes the value of gold for the global market.

] Building a Trusted and Liquid Digital Asset Ecosystem

The two core values GKBW prioritizes in building a stable digital asset ecosystem are trust and liquidity. With gold as its solid foundation, GKBW believes trust is the bedrock of its ecosystem. B y ensuring secure asset management, transparent transaction processes, and decentralize d governance, the project aims to build and maintain user trust. Thorough preparation is underw ay to ensure trust becomes a defining trait of the ecosystem.

At the same time, liquidity is a critical practical factor for the success of any digital asset. A highly liquid ecosystem allows for free movement of assets and active trading, enabling users to exchange assets whenever needed. GKBW is working to strengthen liquidity pools and ensure smoot h ecosystem operations.

Grounded in trust and liquidity, GKBW is committed to building a stable, sustainable digital asset ecosystem—and to establishing a new standard for the future of finance.

10. Disclaimer

This white paper is intended solely for informational purposes and should be regarded as a reference only. It does not constitute a prospectus for the issuance of securities, nor does it serve to induce investment, promote the issuance or purchase of securities, or provide investment advice, solicitation, or guidance in any form.

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