

BSK White Paper

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Explanation of Table of Contents

Chapter 1

provides an in-depth explanation of the philosophy and goals of the BSK project, emphasizing a structure in which all distribution processes are transparently disclosed to participants. It highlights the importance of decentralization and clearly outlines how this is applied to financial and real-life services.

Chapter 2

explains how the BSK Proof of Airdrop system contributes to the ecosystem's expansion, detailing the process through which users can easily participate in the network and receive rewards.

Chapter 3

delves into the specific components of the BSK ecosystem, including mining, local advertisement payments, NFT marketplaces, the De-Fi system, and M2E services. The technical aspects of the mining machines are explained, clearly outlining how users can participate in mining and how the reward structure works.

Chapter 4

explains the economic structure of the BSK token, presenting the token issuance and distribution plan, burn mechanism, and real-world use cases.

Chapter 5

discusses the future vision of the BSK project, focusing on community expansion, global market entry, and long-term strategies for ecosystem development.

1. Introduction: Philosophy and Goals of the BSK Project

1.1 Inheriting the Spirit of Bitcoin and Leveraging Blockchain

The BSK project inherits the decentralized identity of Bitcoin and aims to realize how blockchain can provide benefits in people's real lives, beyond mere data transfer. The philosophy of Bitcoin lies in removing intermediaries and returning control of finance and data to individuals. BSK aims to build a service ecosystem based on actual user experiences, reducing reliance on central institutions and providing a secure and transparent environment where users can manage and trade assets themselves.

1.2 The BSK Ecosystem: Blockchain Services that Expand Infinitely with the Community

In line with the core philosophy of blockchain, BSK aims to provide various blockchain-based services that users can easily access in their daily lives. The BSK ecosystem is designed to expand infinitely with the community and offers services such as advertising, NFT trading, and activity-based reward systems. The ecosystem naturally expands through user participation and is managed transparently and fairly via blockchain technology.

BSK also encourages users to become active members of the ecosystem rather than mere consumers through a P2P pure profit structure that shares all profits generated in the distribution process with ecosystem participants. This aligns the interests of suppliers and consumers and aims to provide services that generate value in both finance and real life through blockchain.

1.3 P2P-Based Pure Profit Structure and User Benefits

The BSK project strictly adheres to decentralization, with all revenue structures in the ecosystem directly returned to users and the community. Rather than managing all operations centrally, the BSK Foundation maintains the system through initial investments and platform fees, while pure profits are distributed among ecosystem participants. This allows users to drive the ecosystem's growth and ensures fair distribution of profits generated from each activity.

1.4 Transparency in All Distribution Processes and the Principle of Decentralization

Reflecting the spirit of blockchain, BSK transparently discloses all profits generated in the distribution process to ecosystem participants and provides fair rewards in a decentralized environment. This system, based on trust and fairness among participants rather than a central institution, maximizes the positive impact of blockchain on finance and real life, allowing users to directly benefit.

1.5 The Role of Blockchain in Finance and the Goal of Improving Human Quality of Life

BSK's ultimate goal is to use blockchain technology not only to enhance the role of finance but also to improve the quality of life for humans. Through this, users can experience a system where they manage both data and assets in a transparent and trusted environment, going beyond mere asset transactions. The BSK project aims to create a global ecosystem where everyone can equally contribute to economic activities and receive fair rewards through the application of blockchain technology.

2. BSK's Unique System: Proof of Airdrop

2.1 System Overview

The BSK project introduces its unique Proof of Airdrop system, creating an environment where users can easily participate in the network. This system is designed to allow users to receive BSK token rewards through specific activities without the need for complicated mining processes. Proof of Airdrop operates by distributing rewards automatically when users participate in activities within the BSK ecosystem. It is managed in real-time through smart contracts, with all transactions recorded transparently and securely.

2.2 Expanding the Ecosystem with a Virtuous Cycle Structure

The Proof of Airdrop system operates on a virtuous cycle structure where the ecosystem grows through user participation. The more users contribute to the network, the greater the rewards, and as more users join, the ecosystem's growth accelerates. This is one of the key elements of BSK's decentralized financial system, ensuring fair distribution and transparent rewards among participants.

2.3 Community-Centric Reward System

The BSK Proof of Airdrop system is community-driven. It is not governed by unilateral decisions from a central institution but instead operates based on user participation, where all community members contribute to the growth of the ecosystem and receive transparent rewards. This structure fosters community engagement and encourages users to continually contribute to the ecosystem's expansion.

3. Components of the BSK Ecosystem

3.1 Mining System

3.1.1 Technical Elements and Reward Structure of the Mining Machine

The BSK mining system is integrated with Proof of Airdrop, creating an environment where anyone can easily participate. BSK mining machines are offered in various price models, allowing users to contribute to the network by purchasing mining machines at different price points. The reward structure varies depending on the price of the purchased mining machine.

3.1.2 \$3000 Mining Machine and Various Mining Product Models

The most popular \$3000 mining machine offers a 9% reward over 30 days, with all rewards distributed in real-time every 10 seconds through smart contracts. Users can track their rewards in real time, and all transactions are transparently recorded on the blockchain. This mining system is designed to be easily accessible without complex hardware setups.

3.1.3 Real-Time Smart Contract-Based Rewards and Burn Mechanism

BSK's mining system automates rewards through smart contracts. All mining rewards are delivered to the user's wallet in real time, maximizing the transparency and security of blockchain technology. 50% of the BSK tokens paid when purchasing the mining machine are automatically burned, maintaining the scarcity of the token, while the remaining 50% is distributed as rewards to users. This burn mechanism plays a crucial role in regulating the supply of BSK tokens and promoting long-term value appreciation.

3.1.4 Accessible Mining through Proof of Airdrop

Unlike the traditional, complex Proof of Work (PoW) method, BSK's mining system is designed so that anyone can easily participate. With mining conducted through Proof of Airdrop, users can contribute to the BSK network and receive rewards without expensive mining equipment. This approach reflects the spirit of decentralization and provides more opportunities for users to join the network.

3.2 Local Advertisement Payment System

3.2.1 GPS-Based Blockchain Advertising

The local advertisement payment system within the BSK ecosystem uses GPS-based blockchain technology to offer tailored advertising between local stores and consumers. Advertisers can run localized ads using BSK tokens, with targeted advertising based on users' location data. This allows advertisers to reach potential

customers more effectively, with all advertising campaign details and performance transparently recorded on the blockchain.

3.2.2 P2P Payment Structure and Real-Time Advertising Efficiency Measurement

The BSK local advertising system connects advertisers and consumers directly via a P2P payment structure, eliminating the need for intermediaries. Advertising fees are paid using BSK tokens, and performance is measured in real time. Advertisers can run cost-effective and precisely targeted campaigns, while consumers receive personalized ads. Advertising performance is transparently measured through various indicators such as click rates, visit rates, and actual purchase conversions.

3.3 NFT 10 Marketplace

3.3.1 NFT Trading Platform for Local Small Businesses

BSK provides an NFT 10 marketplace where local small businesses can issue and trade their products as NFTs. This platform operates as a decentralized open market where sellers and buyers can communicate directly. NFTs can be issued in JPG or GIF format, with ownership verified through blockchain. This enables small businesses to digitize their products, reach a wider audience, and transparently manage all profits generated from transactions.

3.3.2 Random Sales Model and Bonus Distribution

The NFT 10 marketplace adopts a random sales model, where only 2 out of 10 buyers win the product. Buyers who do not win receive their principal amount back along with a 10% bonus. This reward structure is designed to minimize risks for buyers while encouraging active participation.

3.3.3 Expanding the Ecosystem through NFT 10 Marketplace

This random sales and bonus distribution model significantly contributes to the expansion of the NFT 10 marketplace ecosystem. By redistributing a portion of the sales revenue to non-winning buyers, it incentivizes participation and boosts engagement. As the NFT marketplace grows, interactions between suppliers and buyers increase, leading to the creation of a larger infrastructure. This, in turn, drives the issuance of more NFT products by small businesses, increasing both the transaction volume and scale of the ecosystem.

3.4 Angel De-Fi System

3.4.1 De-Fi Financial Model for Users with Limited Assets

BSK's Angel De-Fi system offers a unique model that provides financial support to

users who lack the assets to purchase high-tier mining machines. This system allows users to leverage their assets as collateral to invest in mining machines, creating opportunities for higher returns. Even users with limited assets can use the De-Fi system to acquire higher-tier mining machines.

3.4.2 Transparent Risk Management via Smart Contracts

The Angel De-Fi system operates on smart contracts, automating and transparently processing all transactions and loan processes between users. This system reduces the opacity and risks associated with centralized financial systems, ensuring reliability and safety in all user interactions. The De-Fi model transparently manages all asset loans, repayments, and interest structures on the blockchain, allowing users to effectively utilize their assets without risk.

3.4.3 Expanding Financial Opportunities for Low-Asset Users

The Angel De-Fi system offers greater financial opportunities for users with smaller assets. For example, users can use their limited assets as collateral to rent or lease higher-tier mining machines, allowing them to generate larger profits. This system reflects BSK's philosophy of decentralization, where all users can equally participate in economic activities and increase their assets.

3.5 M2E (Move-to-Earn) Service

3.5.1 Token Mining through User Activity

BSK's M2E (Move-to-Earn) service is a practical system that allows users to mine BSK tokens through everyday physical activities. Users can mine tokens through various activities such as walking, riding a motorcycle, or driving a car, offering continuous opportunities for rewards as they move. The M2E system encourages sustainable activities, with all activity data transparently recorded on the blockchain.

3.5.2 ESG Management-Based Traffic Safety Encouragement System

The BSK M2E service not only provides rewards based on movement activities but also reflects the ESG (Environmental, Social, and Governance) management philosophy. BSK emphasizes traffic safety and environmental protection, offering rewards only when users comply with traffic regulations. If users exceed legal speed limits or reach dangerous levels, token rewards are restricted, promoting traffic accident prevention and safe driving. This system fosters a safe mobility environment while raising awareness of traffic safety.

3.5.3 Activity-Based Reward Structure and Level-Up System

The M2E system rewards users based on various data, such as activity time and

travel distance. Users can earn rewards within a set maximum activity time, with rewards proportional to the distance traveled. Users can use different levels of motorcycles or cars to receive higher rewards, and there is also a level-up system where users can stake or store tokens to receive increased rewards.

3.5.4 Expansion Potential of the M2E Service

BSK's M2E service is more than just a reward system; it contributes to building a mobility economy by expanding its global user base. Users can mine BSK tokens through daily movement data, which can be used for purchasing NFT items, staking, or token exchange on the platform. This helps form an economic structure where users actively participate and contribute to the BSK ecosystem.

3.6 BSK Wallet Service

The BSK wallet is a blockchain-based digital wallet that reflects the philosophy and identity of the BSK project, designed to allow all users participating in the ecosystem to easily utilize blockchain technology in their daily lives. The BSK wallet goes beyond being a simple cryptocurrency storage tool and serves as a decentralized bank, acting as a central hub for users to access various financial services both within and outside the BSK ecosystem. This allows users to manage their assets safely and efficiently and make real-life payments anytime, anywhere.

3.6.1 Blockchain-Based Wallet for Real-Life Application

The BSK wallet supports users in easily utilizing a variety of blockchain services offered within the BSK ecosystem, such as mining, NFT trading, and M2E activities. For example, tokens acquired through M2E activities are automatically stored in the BSK wallet, and rewards generated through Proof of Airdrop can be received in real time. This wallet serves as the central hub for all services within the BSK ecosystem, helping users manage their assets and access services with ease.

Even in real-life payment situations, blockchain-based payments can be easily made through the BSK wallet, allowing users to use digital assets in real-time without complicated procedures. As a result, the BSK wallet becomes an essential tool for ecosystem participants to experience blockchain technology in their daily lives.

3.6.2 Support for Multiple Networks

The BSK wallet supports not only the BSK ecosystem but also a variety of blockchain networks, providing users with the flexibility to manage assets freely across different projects and networks. Users can interact with other blockchain networks outside the BSK ecosystem, enabling free asset management and transactions. The BSK wallet is designed not just as a wallet exclusively for BSK, but as a comprehensive blockchain wallet that can be practically used in real life.

This allows users to easily manage and pay with digital assets across multiple blockchain ecosystems.

3.6.3 Enhanced User Experience and Security

The BSK wallet is designed with the user experience as the top priority, providing a simple and intuitive interface that anyone can use. The wallet uses the latest blockchain security technologies to protect users' assets, ensuring safe operations even in a decentralized environment, unlike centralized financial systems. The BSK wallet guarantees a highly secure financial transaction environment while offering users top-level security and reliability.

3.6.4 A Central Role in Decentralized Finance

The BSK wallet functions not just as a simple wallet but as a core hub for decentralized finance. In addition to basic functions such as storing, sending, and receiving BSK tokens, users can freely conduct a variety of financial activities within and outside the BSK ecosystem, such as real-life payments. The BSK wallet becomes an essential tool for managing assets in a decentralized financial ecosystem, encouraging more users to participate in the BSK ecosystem.

4. BSK Token Economics

4.1 Token Issuance and Distribution Plan

The total issuance of BSK tokens is 2.1 billion, of which 99% are allocated to the mining pool. These tokens can be mined through mining machines and are transparently and automatically distributed via the Proof of Airdrop system. The remaining 1% is used for early-stage funding and platform expansion during the initial phase of building the BSK ecosystem. The initially issued 1% of tokens will be released annually at 10% over 10 years as the ecosystem expands.

4.1.1 Software-Based Mining Machines

BSK mining machines are software-based, and users can only purchase them with BSK tokens. When purchasing a mining machine, 50% of the tokens paid are burned, and the remaining 50% is distributed as mining rewards to users. This burn mechanism helps maintain the scarcity of tokens and plays a key role in increasing the value of BSK tokens in the long term.

4.2 Principles of Token Demand and Supply

BSK's token economic structure is designed around a balance of demand and supply. The demand for BSK tokens will continuously increase through various real-world use cases within the BSK ecosystem, such as mining, local advertisement payments, NFT trading, and M2E services. As the areas in which users can use tokens increase, the demand for BSK tokens will naturally rise, contributing to the appreciation of the token's value.

4.2.1 Supply Control and Burn Mechanism

BSK controls token supply through a burn mechanism, where 50% of the tokens are burned when purchasing a mining machine. This prevents excessive token supply and helps protect the value of the token. Particularly during major events such as mining machine purchases, tokens are continuously burned, limiting supply and reinforcing token scarcity. This structure aims for long-term token value appreciation.

4.3 Burn Mechanism and Value Appreciation Strategy

The BSK token burn mechanism is closely tied to key economic activities within the ecosystem. Users will use BSK tokens for various activities such as mining machine purchases, NFT trading, and advertisement payments, with a certain percentage of tokens burned during these processes. This structure encourages the circulation of BSK tokens, while also preventing excessive inflation and helping to stabilize the token's value.

In addition, BSK continues to expand its use cases within the ecosystem and is

working to expand the usability of BSK tokens within decentralized financial systems, contributing to the long-term appreciation of the token's value.

4.4 Reward Structure and Real-World Use Cases for Tokens

BSK tokens serve as the core medium of exchange within the ecosystem. Users can acquire or spend BSK tokens through activities such as mining, local advertisement payments, NFT trading, De-Fi participation, and M2E activities. In this process, BSK tokens function as a key element that drives all economic activities within the ecosystem, going beyond mere transaction tools.

4.4.1 Mining Rewards and Automated Distribution via Smart Contracts

The BSK mining system provides an automated reward structure through smart contracts, with users receiving real-time rewards based on the amount they invest in mining machines. These rewards are distributed every 10 seconds, allowing users to receive fair rewards irrespective of BSK token price fluctuations.

4.4.2 Value Appreciation through Various Real-World Use Cases

The demand for BSK tokens will continue to rise through various use cases within the ecosystem. As the number of real-world use cases, such as NFT trading, local advertisement payments, De-Fi participation, and M2E services, increases, the demand for BSK tokens naturally rises. The M2E service, in particular, increases the practical utility of BSK tokens by allowing users to earn tokens through daily activities.

5. The Future Vision for the BSK Ecosystem

5.1 Community Expansion Strategy

The BSK ecosystem is based on a community-centric philosophy, where the expansion of the community is the key driver of ecosystem growth. BSK offers a variety of user-centric services such as an easy-to-use mining system, Proof of Airdrop, an NFT marketplace, and M2E services. These user-centered services provide opportunities for community members to contribute to the ecosystem on their own, forming a virtuous cycle where individual activities contribute to the development of the entire ecosystem.

5.1.1 Global Community Expansion Plan

BSK aims to expand into a global community and plans to enhance partnerships and support for various languages across regions. The BSK ecosystem utilizes the advantages of blockchain to enable users from diverse countries to participate easily, transcending borders. BSK will promote the growth of the global community through customized strategies that cater to each country's regulations and financial environments.

5.2 Global Market Entry Strategy

BSK aims to grow into a global platform that provides practical blockchain-based services. To achieve this, BSK will provide blockchain solutions that comply with financial and technological regulations in each country and implement various strategies to secure competitiveness in the global market. In particular, the NFT marketplace and local advertisement payment systems will attract close collaboration with local communities through tailored solutions specific to each region.

5.2.1 International Partnerships and Collaboration

BSK is accelerating the expansion of its ecosystem by building global partnerships in the blockchain and cryptocurrency sectors. BSK will collaborate with international technology partners to further develop blockchain technology and offer flexible solutions applicable to various industries. Through this, BSK plans to position itself as a service that improves the quality of life in areas such as the NFT market, De-Fi, and M2E services.

5.3 Sustainable Development Strategy

The BSK ecosystem prioritizes long-term sustainability over short-term profits. To achieve this, BSK employs a burn mechanism to control token supply and maintain token value over the long term. Additionally, BSK follows a sustainable ESG (Environmental, Social, and Governance) management philosophy, aiming for

environmentally friendly blockchain operations while contributing to traffic safety and environmental protection through its M2E service.

5.3.1 Continuous Innovation within the Ecosystem

BSK will continuously develop the ecosystem by actively incorporating feedback from users and the community, introducing new services and technologies. This strategy aims to maintain competitiveness through constant technological innovation while adhering to the community-driven decentralization principle. Key elements contributing to the ecosystem's sustainability include expanding De-Fi financial services, expanding the NFT marketplace, and increasing user participation through M2E activities.

5.3.2 Community-Driven Decentralized Services

BSK is designed so that all ecosystem operations and developments are led by the community. Rather than central control by an institution, services expand, reward structures are designed, and new features are introduced based on the community's decisions. BSK aims to build a true P2P ecosystem where users participate in economic activities themselves and transparently share the benefits.

5.4 Long-Term Vision: The First Project to Apply Blockchain to Real Life in a Global Ecosystem

BSK aims to become the first global blockchain project to apply blockchain technology to real life, improving the quality of life for people worldwide. As the BSK ecosystem grows, it will build an open platform that allows various projects to join the BSK ecosystem, reflecting the philosophy of blockchain decentralization. As the ecosystem grows, BSK will serve as a hub that encourages cooperation among various projects, driving innovation in both finance and other areas of real life through blockchain.

Through continuous innovation and technological advancements, BSK will provide real value to users and create a sustainable decentralized environment where other projects can grow based on BSK's philosophy and technology. This will position BSK as a key facilitator in a decentralized financial system, further extending blockchain's applications directly into real life.