Bitkub Chain

Whitepaper V3.0

Democratizing the world's internet of value

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OVERVIEW

In the digital era, the combination of blockchain technology with cryptography provides access to endless business opportunities, turning assets into tokens, removing the intermediary, increasing liquidity to non-liquid assets, immutable recordkeeping, and the ability to be transparently audited are all features that blockchain technology and decentralized finance have introduced to the industry. However, entrepreneurs and small and medium-sized businesses (SMBs), as well as startups, have challenges to accessing these technologies, preventing them from utilizing blockchain.

Bitkub Blockchain Technology Co., Ltd. ("BBT"), a blockchain full solution service provider, has developed Bitkub Chain to lower business barriers. Bitkub Chain will be Thailand's first Blockchain network, aiming to be accessible to all entrepreneurs. It must be secure and capable of handling an increasing volume of transactions while enabling developers to create decentralized applications. These applications are encouraged to operate with minimal transaction fees on the blockchain. BBT, as a pioneer in advancing blockchain technology in Thailand, and Bitkub affiliates wish to utilize Bitkub Chain to propel the Thai industry forward.

This white paper was created to provide information on the structure and operation of the Bitkub Chain network, as well as to describe the Bitkub ecosystem's present state and future operational plans that the KUB coin is the network's native token, allowing for the seamless exchange of value between users without the need for an intermediary. This document is intended to educate those interested in blockchain technology by presenting facts, developments, and roadmaps on how BBT's skilled team of engineers created Bitkub Chain as a secure and accessible infrastructure for entrepreneurs ranging from small to large businesses.

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Bitkub Chain V3.0 Overview

The latest Bitkub Chain white paper, BITKUB CHAIN WHITEPAPER V3.0, will define the future of the Bitkub Chain. This white paper will remain the heart of the Bitkub Chain network, aiming to be a ready-to-use infrastructure for local users, and will outline the essential modifications to the Bitkub Chain network in 2023.

The Bitkub Chain network currently has over 300,000,000 transactions and 2,000,000 registered wallet addresses, divided into approximately 1,000,000 wallet addresses from Bitkub NEXT, a digital wallet developed by BBT after only 1 year and 6 months of launch; and MetaMask wallet by approximately 1,000,000 addresses.

Bitkub Chain must enhance and strengthen its system in order to reach more target groups in order to fulfill the primary objective of bringing blockchain technology to mass adoption. The overwhelming success of Bitkub Chain's initial stages, including FANS Token, Bitkub NEXT, and Bitkub NFT, demonstrates that low transaction cost is one of the factors contributing to mass adoption. As a consequence, the developer team reduced the cost per transaction on the Bitkub Chain network from 50 Gwei to 5 Gwei, requiring the developers to reduce the number of KUB coins to 110,000,000 coins and modify the coin distribution scheme for the Bitkub Chain network's appropriateness and sustainability.

To increase the utility of KUB coin, the development team has added features that will be discussed in this white paper. However, the KUB coin includes a variety of features that enable it to be used to pay transaction fees on the Bitkub Chain network, as well as to be redeemed for fee credits on the Bitkub Exchange. Aside from the initial advantages, the coins may be redeemed for goods, services, or privileges via BBT partners or certified merchants. All of these features were accomplished in accordance with the approaches indicated in Bitkub Chain Whitepaper V2.2.

The team has included a Roadmap for 2023 in this Whitepaper V3.0, which focuses on establishing a blockchain technology ecosystem and infrastructure that is powerful, sustainable, and capable of handling more traffic.

The development team sincerely hopes that the modifications made in Bitkub Chain V3.0 will serve as a catalyst for the phenomena of mass adoption in the society. It inspires users to develop innovative concepts in order to disseminate opportunities in the era of internet of value that benefit all people equally and equitably.

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Introduction to Bitkub Ecosystem

4.1 About Bitkub Group

Bitkub affiliates have accelerated the adoption of blockchain technology in Thai society by developing the infrastructure required for a decentralized financial system. Bitkub affiliates' mission is to create a blockchain ecosystem platform that serves as a one-stop service for everyone from individual investors to major corporations in order to improve people's knowledge and awareness of technology in various industries, so that they can apply and adapt blockchain technology to their business sectors.

Bitkub Capital Group Holdings Company Limited ("BCGH") was founded in 2018 with the corporate mission of providing Thai people with services related to cryptocurrency technology and blockchain, such as exchange platform services, blockchain consulting and development services, cryptocurrency and blockchain education centers, and investment services, among other things. BCGH conducts business and offers different services through various companies in the Bitkub group of companies. BCGH currently has a total registered capital of roughly 74 million baht and is headquartered in Bangkok, Thailand.

Other than BCGH, Bitkub Group has 8 companies as below :

Bitkub Online Co., Ltd. (BO)

Thailand's leading digital asset exchange service provider offers trading and digital asset storage services to both individual and corporate customers, all while maintaining world-class security systems.

Bitkub Ventures Co., Ltd.

Thailand's first business development funding provider focusing on investing in blockchain startups or post-series A businesses, with a purpose to influence the future of blockchain by assisting new entrepreneurs with expertises in cryptocurrencies, investment, banking, and business consultancy.

Bitkub Blockchain Tecnology Co., Ltd. (BBT)

Blockchain full service provider and token technology design consultant for ICO (Initial Coin Offering) to businesses or entrepreneurs looking to enhance their businesses using blockchain technology and providing Bitkub NEXT wallet service.

Bitkub Labs Co., Ltd.

An education provider of blockchain technology, digital assets and relevant technologies in order to prepare for the future economy in which blockchain technology will play a significant part in Thai social context.

Bitkub M Co., Ltd.

Thailand's first digital community serves as a hub for sharing information and hosting seminars on the digital economy, providing supports for startups and new generation entrepreneurs, and being as a meeting point for investors interested in digital assets.

Kubtech Joint Stock Company

A joint venture company that operates as a provider of software development and information systems related to cryptocurrency and blockchain businesses in order to support the growth of such businesses and strengthen the business in order to have a positive impact on the business operator's end users receiving the service.

Bitkub Worldtech Co., Ltd.

A joint-venture company that organizes learning courses and training in digital technology to create workforces with digital potential for the domestic labor market in order to create "opportunities" and "careers" for participants while also improving the quality of work for entrepreneurs engaging workers who have undergone such training.

Kubplay Entertainment Co., Ltd.

A joint venture company that operates the business of developing a complete blockchain ecosystem for supporting various games in the form of the conventional game in order to change the business model to hybrid GameFi, including the purchase of online licenses from developers to provide services under the ecosystem.

4.2 More details about Bitkub Online Co., Ltd. (BO)

Bitkub Online Co., Ltd. (BO) is an affiliate in the Bitkub group companies which was incorporated in 2018 and has a registered capital of 450 million baht. BO operates as a digital asset exchange service provider licensed by the Office of the Securities and Exchange Commission of Thailand, with the goal of being a bridge for everyone to confidently step into the digital world by designing products that are friendly to new users with a world-class standard security system that has been continuously audited for transparency by leading foreign organizations. It also provides multi-asset trading services in one place, as well as financial facilities for both investors and entrepreneurs.

Highlights of Bitkub Online Co., Ltd. (BO)

- More than 3 million customers have registered;
- Highest trading volume of 1 billion baht per day[2];
- As of April 17, 2021[3], it ranked 17th in the world's most popular digital asset trading center;
- More than 60 digital assets to trade;
- The greatest trading liquidity in Thailand
- There are supporting teams available 24/7.

4.3 Working Team

Passakorn Pannok

A Chief Executive Officer and Acting Chief Technology Officer of BBT, who has more than 12 years of experience in the software industry, with competence in software engineering to develop smart contract on blockchain networks, especially Ethereum and HyperLedger, Mr. Passakorn is also works as a software engineering professor at Burapha University.

Niorn Kiatdamrong

A Chief Operating Officer of BBT , who has over 10 years of experience as a Business Consultant and Corporate Director. She graduated with a Bachelor's in Business Law from Chulalongkorn University and a Master's Degree in International Business from Griffth University in Australia.

Siraphop Jantaraopas

A Senior Marketing Manager of BBT, who has over 8 years of marketing and technology expertise, having worked with government agencies and national corporations such as the Ministry of Foreign Affairs and the Tourism Authority of Thailand, etc.

Consultant Team

Jirayut Srupsrisopa

He is in the capacity as a Co-founder and Group CEO of Bitkub Capital Group Holdings Co., Ltd., a pioneer in blockchain and cryptocurrency technologies in Thailand. He is the creator of coins.co.th, Thailand's first Bitcoin trading website, and is renowned as a Bitcoin and blockchain technology specialist. He has a Master of Philosophy degree from the University of Oxford in the United Kingdom.

Samret Wajanasathian

A Technology Advisor of Bitkub Blockchain Technology Co., Ltd., who is considered C/C++ and Agile Methodologies expert developer currently acting as a Technology Advisor for the ShuttleOne Network for Blockchain Project Development.

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Bitkub Chain

5.1 Issues to be solved

Bitkub Chain was developed to address the issues presently afflicting national and regional Blockchain ecosystems. The first issue is that Thailand still lacks industrial infrastructure, forcing Thai entrepreneurs to rely on structures developed by foreigners with relatively high Gas Fees, preventing entrepreneurs from effectively accessing these structures. Another issue that prevents Blockchain from being extensively utilized is technological constraints, which require organizations that may utilize blockchain to have a sufficient technological capabilities and understanding.

Bitkub Chain is a Blockchain network developed by BBT, with the goal of providing infrastructure to the industry as well as providing partnered companies with a validator node to verify transactions and create new Blockchains on the Blockchain network. The Bitkub Chain network's mission remains to encourage Blockchain users by charging affordable Gas Fee while maintaining a rapid, secure, and high-performance transaction to support new project developers and users on the Bitkub Chain network.

5.2 Vision

The vision of Bitkub Chain is to make economic and financial possibilities available to everyone while maintaining transparency and security. Tokenized assets will allow values to be transferred seamlessly, safely, and effectively without the need of intermediaries or third parties. The Bitkub Chain network provides quick processing capabilities, allowing for additional real-world business applications.

5.3 Mission

Bitkub Chain's mission is to provide blockchain technology to a broader variety of enterprises via information dissemination while maintaining a fair level of Gas Fee, promoting innovation and building a holistic ecosystem on Bitkub Chain.

5.4 Delivered Value to Participants

Bitkub Chain is an open-source blockchain that was created to support the widespread use of blockchain for small business developers, startups, Post-Series A, and general users to create, distribute, and manage various applications on the blockchain system, including Decentralized Applications (dApps), Utility tokens, and Non-Fungible Tokens.

This network may support the development of blockchain-based applications or software and enabling both individual and corporate users to fully use blockchain technology and introduce new things to the blockchain to apply to corporations in order to expand the Bitkub Chain Ecosystem.

Bitkub Chain supports a variety of Decentralized Financial products, including borrowing, Decentralized Exchange, Data Oracles, Data Tokens, and Yield Farming.

Bitkub Chain was designed and developed as the basis for a flexible and expandable blockchain Ecosystem to effectively support the rising number of transactions while maintaining Gas Fee at a reasonable level while also being secure and transparent.

The following are the values that Bitkub Chain will supply to its users.
- Resolve business challenges by forming a network that enables small and large enterprises to operate together;
- Bitkub Chain may be applied by partner companies to create a decentralized system;
- Convert assets, including NFTs, into tokens;
- Provide liquidity to non-liquid assets with market supports;
- Be an easily accessible infrastructure that encourages the utilization of Bitkub Chain in the business sectors;
- Simplify the process to develop Smart Contract or applications on the blockchain, as well as support for future functionalities;
- Maintain a balance between permissioned and permissionless networks; and
- Encourage entrepreneurs in Thailand to use blockchain technology more simply by giving information and understanding of related technologies based on Bitkub affiliates' long-term skills and experiences.

5.5 Technical Description
Bitkub Chain

Bitkub Chain is designed to be the infrastructure of the new Internet era, in which valuable assets are progressively being digitalized, in order to enable value transfer over the Internet more safe, transparent, and easy on a Decentralized Network. It will let everyone to contribute to the development of projects and applications on a Decentralized Network. Bitkub Chain enables anyone to participate in the development of projects and applications on a Decentralized Network with those contributing to the network will benefit from a low Gas Fee and quick transaction process.

Nowadays, many applications' functions that we use are often linked to such application's database, where data may be stored and accessed by just one person. This sort of data storage is known as a centralized system.

The concept of decentralized system of Bitkub Chain provides a collection of databases in which this large database is dispersed among the relevant individuals and may be used to connect to the applications required to freely utilize this database. Node refers to the group of individuals who gather this data. All identical records are sent to each Node. Applications operating on Bitkub Chain may then access the data, store and execute the application's logic or processes. That application will have a Virtual Machine or Smart Contract that processes transactions in accordance with the application's specifications.

Bitkub Chain Mainnet

Consensus: Proof-of-Stake (PoS) Chain Configurations
- Chain Id: 96
- Block Period: 5 seconds
- Gas Price: Dynamic System

Network Endpoints
- RPC endpoint: https://rpc.bitkubchain.io
- WS endpoint: wss://wss.bitkubchain.io

Proof of Stake

Bitcoin was developed in 2009 as a Proof-of-Work (PoW) concept. Bitcoin has since become the cornerstone of decentralized digital value transfer. Despite the fact that Bitcoin is well-known and greatly appreciated, it has been criticized for its large use of power and its tremendous environmental effect.

In 2012, a project called PeerCoin introduced an alternative concept to consensus technology: Proof-of-Stake (PoS), which addressed the previously mentioned Bitcoin concern of requiring enormous amounts of electricity. Proof-of-Stake (PoS) concepts are becoming more popular, as seen by the Polkadot, Cardano, and Ethereum 2.0 projects.

The Proof-of-Authority (PoA) concept was established by combining the Proof-of-Stake (PoS) concept with the focus on transparency of the validator on blockchain, known as a Validator.

Proof-of-Authority (PoA) enables blockchain technology users to get access to the blockchain while also receiving advantages in the form of Gas Fees on the blockchain or the usage of Smart Contracts with low Gas Fee and rapid transaction confirmation. Network users often depend on the reputation and integrity of validator nodes when performing a Proof-of-Authority (PoA).

Bitkub Chain began with the concept of Proof-of-Authority (PoA), which has resulted in rapid transaction confirmation and inexpensive Gas Fee, which benefited all network participants, including users, developers, and business operators who are relevant to Bitkub Chain.

After Bitkub Chain started developing the network with Proof-of-Authority (PoA) system completely, Bitkub Chain has switched to a Proof-of-Stake-Authority consensus to verify data on Distributed Ledger Technology instead of using the Proof-of-Authority system in the regular manner to get maximum potential to develop Bitkub Chain in the future, in line with the vision and mission of building digital infrastructure that is widely accepted in various industries.

The Proof-of-Stake-Authority system is one of the consensus mechanism that combines the concepts of Proof-of-Stake and Proof-of-Authority to enhance the blockchain network more decentralized and safe, where users can have the right to be a Validator Node on Bitkub Chain through the Proof-of-Stake-Authority consensus.

A Validator Node on a Proof-of-Stake-Authority system is a person or group of people accepted to run a Node due to their possession of 250,000 KUB coins per Node and a well-known social position, both of which are required to make the Bitkub Chain network transparent and can be verified. Adding or removing Validator Nodes must be consensus by majority vote.

Bitkub Chain always operates smoothly with zero downtime when the change from Proof-of-Authority to Proof-of-Stake-Authority consensus mechanism is accomplished. Bitkub Chain has over 300 million total transactions and block verification times for an estimated 5 seconds.

Bitkub Chain will transition from Proof-of-Stake-Authority to Proof-of-Stake consensus mechanism in order to make the network more decentralized and secure, as well as to promote greater real usage in a wide range of industries aligning with BBT's vision.

Users could become the Validator Nodes by possessing KUB coins starting at 10 coins, which helps to decentralize the Bitkub Chain network.

The Proof-of-Stake consensus mechanism can handle more transactions than the Proof-of-Stake-Authority consensus mechanism and is more decentralized, which is another critical step toward future application and mass adoption.

Nodes

Full Node, Validator Node, and Boot Node are the three types of Nodes. Full Node is in charge of controling data in the Distributed Technology system and is also used to submit or access network transactions. Decentralized application will be able to connect with Full Node by using Ethereum's supported Web3 libraries to execute and store transactions inside the application, whilst on-chain wallets would leverage data from network nodes to publicly share data. Furthermore, the Validator Node will be in charge of validating and verifying transactions before accessing the distributed database through the Consensus Process. Finally, the Bootnode enables new nodes to detect and connect (Dynamic Discoverability) to other Nodes in the network.

Description of Nodes

● **Full Node**

The Full Node will be connected to interact with applications that seek to transact or execute Smart Contracts. Furthermore, in order to process and administrate data on the Distributed Ledger, each Full Node will need to update Go Ethereum Client Software, whereby the development team has split the Node responsible for accept transaction from the Node responsible for signing or validating transactions to guarantee that the two operations do not compete for the same resource.

● **Validator Node**

The Validator Node is in charge of validating and verifying transactions. To ensure consensus on Distributed Ledger Transactions, the Validator Node shall interact with the other Validator Nodes in the network. Every Validator Node has forked the most recent version of the Go Ethereum (Geth) Client Software. Every Node runs Ethereum Address and Key Pair which is protected by the Ethereum account password for the Public/Private Key Pair generated from the Ethereum Passphrase is recorded and maintained in the Validator Node database.

● **Bootnode**

Bootnode serves as a Dynamic Discoverability supporter and the first connecting point for Nodes in the Bitkub Chain Network, allowing any Validator Node that will operate on Bitkub Chain to connect and interact smoothly.

Validators

The Validator is a group of persons validating blockchain transactions for the Bitkub Chain Network. The blockchain employs a set of Validators who are in charge of verifying transactions and creating new blocks on the blockchain. The group of persons who will be allowed to operate as Validators, must pass verification to authenticate their identity and reliability, which is called Proof-of-Authority (PoA). Also, the validators who are in possession of KUB coins beginning at 10 coins, this will refer as Proof-of-Stake (PoS). And, the validators who are in possession of KUB coins for more than 250,000 coins, this will refer as Proof-of-Stake-Authority (PoSA). Therefore, Validators must possess KUB coins in the system in order to operate as a Transaction Validator and get compensation for validating transactions (reward), which is determined by the quantity of KUB coins held by each Validator.

Tech Partner

Huawei Technologies (Thailand) Company Limited	MFEC Public Company Limited	PROEN Corp Public Company Limited

Once Bitkub Chain transitions to a complete Proof-of-Stake-Consensus Mechanism, BBT will join as a Node to continue driving Bitkub Chain development. In the meanwhile, BBT may participate as a Node at any time to ensure that the network runs smoothly or in the event that there is any problem with the Validator Node.

Validator Quorum

Only trustworthy Nodes serve as the Validators at the Genesis Stage, or the early phases of the blockchain. Every 5 seconds, the Bitkub Chain creates a new block. Seconds and Epoch length are 300 blocks, which implies that each Epoch is around 1,500 seconds or 25 minutes apart.

Support in Bitkub Chain

- **Ethereum Smart Contract Support**

Interoperability is one of the key features that enable blockchain to be widely used for Ethereum. A prototype of Token, dApp and smart contract is extensive for Ethereum, which is currently the largest network. Bitkub Chain understands the significance of this large infrastructure, therefore, Bitkub Chain was designed to accommodate Ethereum-based smart contracts.

- **Javascript Libraries**

Javascript libraries make it easy for developers to create and connect their own inventions with the network. Bitkub Chain is compatible with a wide range of Javascript libraries, including
  - Support Web3.js
  - Ether.js (optional)
  - Truffle.js library

- **Online (Web 3) Wallet support**

Bitkub Chain is a decentralized blockchain infrastructure that supports decentralized wallets such as Metamask. As a result, individuals who own their private key may transfer, receive, and store cryptocurrency on their own.

5.6 Bitkub Chain Ecosystem and Application Cases

Bitkub Chain is committed to create a comprehensive ecosystem for developers, small and medium-sized businesses or startups, and end users to fully utilize blockchain technology. BBT has already contacted partner companies to become part of the network in the process of developing the blockchain community to drive real adoption, and in the future, BBT will seek partners who are companies or businesses that play significant roles for both national and global economies, as well as startups that have recently started their business, so that the business can expand smoothly through the conversion of traditional assets into token form. The BBT marketing team will be able to examine which affiliates or partners with what attributes to join in order to contribute to the network's value.

BBT is in touch with representatives of leading organizations to convince them to join the network, while continuing to engage with partners who have already joined the network, with the objective of driving Bitkub Chain acceptance from the national to the regional and worldwide levels.

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KUB Coin

6.1 Coin Utility

KUB coin is the Bitkub Chain network's official currency (comparable to Ether on the Ethereum network). The KUB coin also includes the following additional features.

● **Gas Fee:** It functions as a unit of measurement for the amounts of work accomplished by a Validator on the Bitkub Chain, such as validating and verifying transactions, generating blocks, and securing transactions on Bitkub Chain network.

Users must pay a Gas Fee or a transaction fee using KUB coins in order to join in the Bitkub Chain. The number of coins required is determined by the intricacy and volume of the transaction being generated on the Bitkub Chain network, and the gas will be utilized in these phases.

1. Network transaction fees, including asset transfer fees, storage fees, and so on;

2. Fees for utilizing smart contracts or Decentralized Applications (dApps) on the network.

● **Fee Credits:** KUB coin differs from other network currencies since they can be exchanged on the Bitkub Exchange. KUB coin holders may exchange the coins for fee credits in the Bitkub Exchange, which is announced and updated daily on the BO's website.

● **Lock & Drop:** KUB coin holders will be eligible for special benefits through the Bitkub NEXT application, a digital asset wallet with an easy-to-use interface designed by BBT. The Lock & Drop feature is notable for allowing KUB coin holders to deposit their KUB coin for a specified length of time in order to obtain digital assets and other benefits from BBT partners.

● **Exchange of goods and services from BBT partners:** KUB coin holders can use KUB coins to get special goods or services from BBT partners. Such operations, however, are solely based on marketing campaigns. There are no intentions to use coins as payment for goods or services.

6.2 Coin-related Economic System
Tokenomic Overview

● Coin Name: Bitkub Coin
● Abbreviation and Counting Unit Name: KUB
● The current total amount of coins = 110,000,000 KUB
● The total amount of coins presently in circulation in the system = 85,000,000 KUB

On August 9, 2021, a total of 890,000,000 KUB has been burnt or destroyed, reducing the total number of 1,000,000,000 KUB to 110,000,000 KUB. This is consistent with Bitkub Chain V2.0's objective of lowering transaction fees from 50 Gwei to 5 Gwei per transaction to facilitate speedier mass adoption at an affordable price. For the reasons stated above, the KUB coin distribution ratio has been changed to correspond with the amount of KUB coins burnt or destroyed according to the original coin distribution plan.

Bitkub Chain economy are designed to be long-term sustainable, with user incentives and an emphasis on network completeness. Using Bitkub Chain's functionalities will deplete the computing power of network computers. KUB coins are therefore utilized as a processing fee, whilst the Validator Node uses a portion of the network's resources for different network functions, e.g. You will get KUB coins for verifying a transaction or generating a new block. Such an approach may attract additional parties to join the network, whether they are users who want to perform transactions or validators who validate and record data on the blockchain. KUB coins are yet another necessary component of the Bitkub Chain. There would be no motivation for users to participate to the network if the incentives provided to validators were not computed into each block and dispersed among the validators participating in the block. The mechanism provides the network with an overview of the currency supply and promotes long-term network stability and security.

Token Distribution

	Percentage	KUB Supply	Release Schedule
Ecosystem Fund	**13.64%**	**15,000,000**	Unlock at Bitkub Chain V1.0 launch
Community Development Fund	**13.64%**	**15,000,000**	Quarterly over 2 years (first release in September 2021)
BCGH's Reserve Fund	**9.09%**	**10,000,000**	3 years vesting period then unlock yearly over 3 years (first release in September 2024)
Liquidity Provision Fund	**46%**	**50,605,103**	Completed
Strategic Partners Fund	**8.54%**	**9,394,897**	Unlock at Bitkub Chain V1.0 launch
Initial Airdrop Fund	**9.09%**	**10,000,000**	Completed
Total		**110,000,000**	

● **Ecosystem Fund -** Ecosystem fund is managed by BBT and will be used for a variety of purposes, including Bitkub Chain project development, validator support, Gas Fee support, and other infrastructure development that will assist the Bitkub Chain ecosystem expand gradually in the long term. According to the Bitkub Chain Whitepaper V1.0, 285,000,000 KUB were burnt and destroyed from the total amount of 300,000 KUB on August 9, 2021, leaving 15,000,000 KUB.
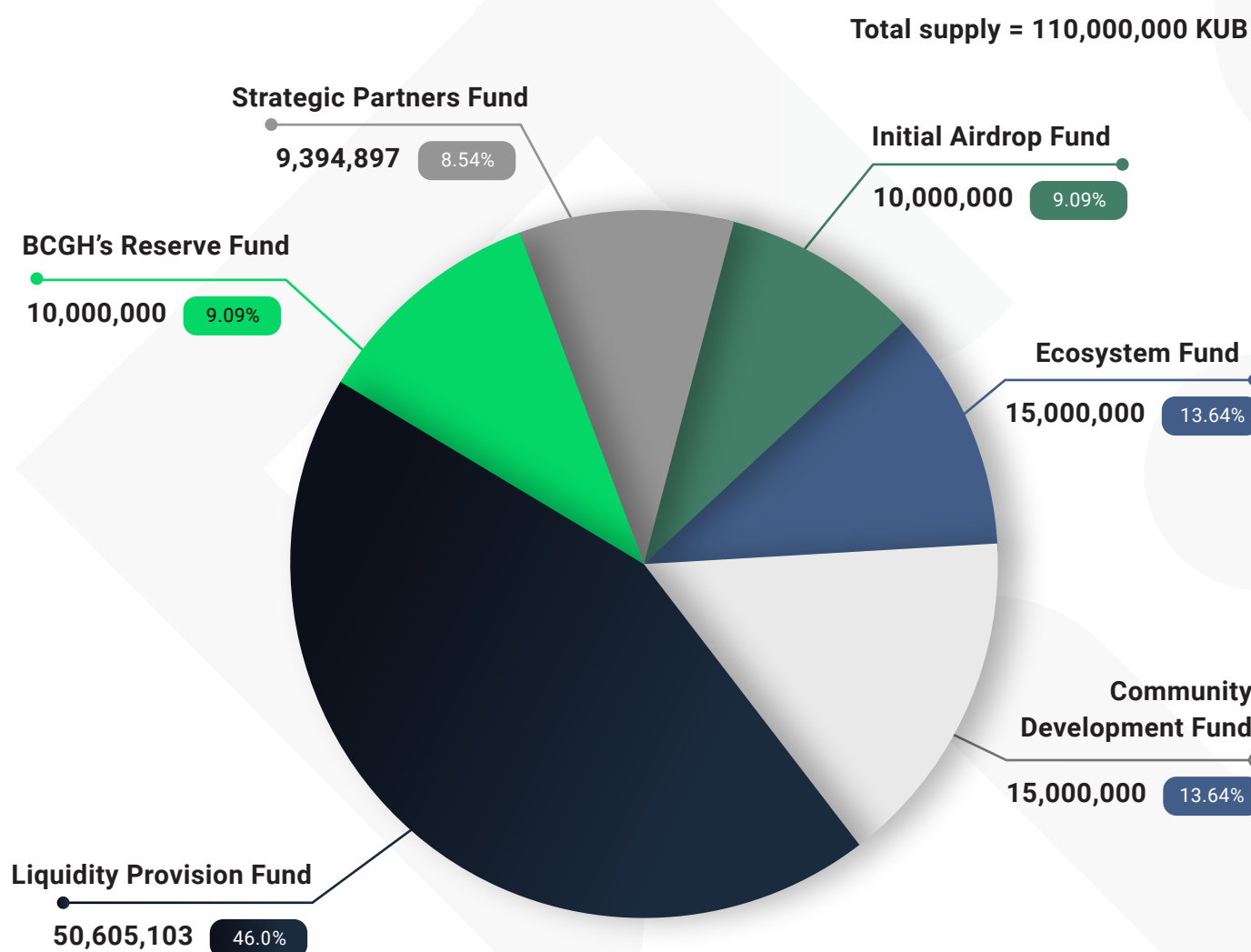
● **Community Development Fund -** This portion of the budget is managed by BBT for the purpose of establishing a user network and promoting the use of the Bitkub Chain through community education, with the goal of creating a robust ecosystem. According to the Bitkub Chain Whitepaper V1.0, 240,000,000 KUB were burnt and destroyed, leaving 15,000,000 KUB, equivalent to the 225,000,000 KUB burned on August 9, 2021.

● **BCGH's Reserve Fund -** This portion of the budget is held by BCGH and will be managed as a reserve fund by BCGH in the case of an emergency or as the BCGH Board of Directors deems appropriate. According to the Bitkub Chain Whitepaper V1.0, 300,000,000 KUB were burnt and destroyed, leaving 10,000,000 KUB, equivalent to the 290,000,000 KUB burned on August 9, 2021.

● **Liquidity Provision Fund -** BBT manages this portion of the budget to ensure the liquidity of Bitkub coin (KUB) on the first day of trading on the Bitkub Exchange. 49,394,897 of the initial locked were destroyed, but the remaining 50,605,103 KUB purchased are still in circulation.
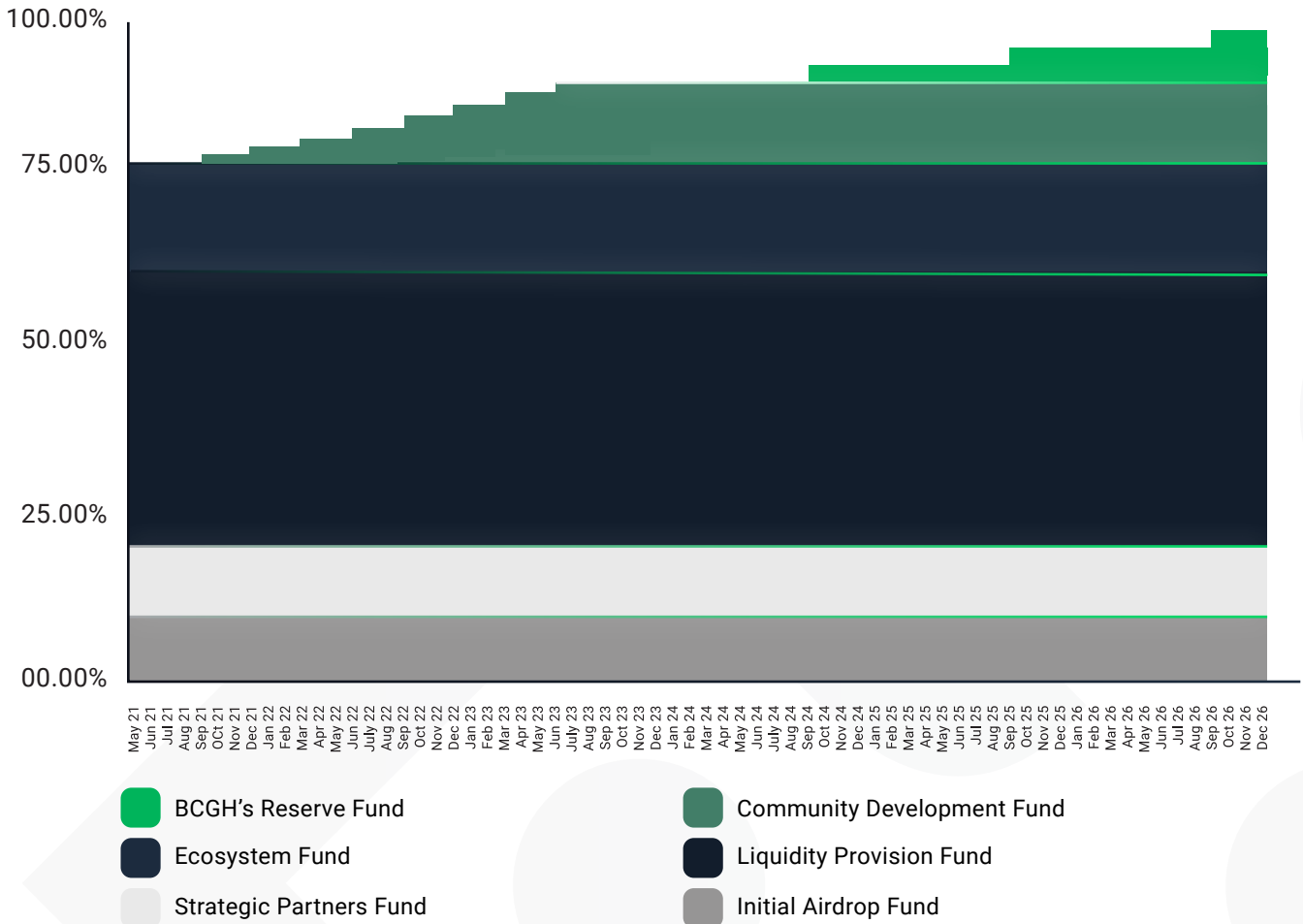
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● **Strategic Partners Fund -** BBT manages this funding, which will be used to establish contacts with potential network partners. According to the Bitkub Chain Whitepaper V1.0, 50,000,000 KUB were burnt and destroyed, leaving 9,394,897 KUB, equivalent to the 40,605,103 KUB burned on August 9, 2021.

● **Initial Airdrop Fund -** This budget is managed by BO and serves as a budget for distributing KUB coins to BO's customers that fulfill the BO's minimum cumulative turnover criterion and do so within the time frame indicated. This portion of the budget was previously dispersed at the beginning of the KUB coins launch.

Total supply = 110,000,000 KUB

Strategic Partners Fund
9,394,897   8.54%

Initial Airdrop Fund
10,000,000   9.09%

BCGH's Reserve Fund
10,000,000   9.09%

Ecosystem Fund
15,000,000   13.64%

Community Development Fund
15,000,000   13.64%

Liquidity Provision Fund
50,605,103   46.0%

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Release Schedule

Legend:
- BCGH's Reserve Fund
- Community Development Fund
- Ecosystem Fund
- Liquidity Provision Fund
- Strategic Partners Fund
- Initial Airdrop Fund

6.3 Operational Plans
Quarter 1-2 / 2023
- Launch Bitkub NEXT SDK
- Launch Bitkub NFT SDK
- Launch Bitkub Chain Infrastructure as a Service (RPC, IPFS)
- Launch Bitkub Chain Developer Center
- Launch NFT Payment Solutions
- Officially Launch Bitkub Metaverse

Quarter 3-4 / 2023
- Change the Consensus from Proof-of-Stake-Authority (PoSA) to Proof-of-Stake (PoS)
- Launch Staking Pool (PoS)
- Launch Bitkub NEXT 2.0 (Super App)
- Launch Bitkub NFT Hub (Bitkub NFT 2.0)
- Launch EarnKUB 2.0
- Launch Bitkub NFT Creative Studio platform

*Platform launch timeline and additional functionalities are subject to change without notice.

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Disclaimer

**PLEASE READ THE FOLLOWING STATEMENT CAREFULLY.
IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT A LEGAL,
FINANCIAL, TAX, OR OTHER RELEVANT ADVISER.**

This Whitepaper has been prepared to describe the present facts and circumstances at the time of document preparation, as well as future plans related to Bitkub Chain and the Bitkub Chain ecosystem based on a factual or other situation at the time of document preparation only. BBT reserves the right, without previous notice, to edit, update, or revise any statement in this agreement.

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This document is not intended to advise, solicit, or provide an investment opinion, or to conduct trading of KUB coins or to invest in assets or securities connected to BBT in any forms, and the KUB coin is merely a tool that enables holders to have rights and participate in the Bitkub Chain ecosystem.

In any event, this document is not considered an investment-related document. This paper is not a suggestion to purchase or sell KUB coins or to invest in any related assets. KUB coin is only a mechanism that allows holders to engage in the Bitkub Chain ecosystem.

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