Bitkub Chain

Whitepaper V2.2

Democratizing the world's internet of value

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Executive Summary

The combination of blockchain technology and cryptography has opened endless opportunities and use cases for businesses in the digital age. The tokenization of asset classes, removal of intermediaries, decentralization, provision of liquidity to otherwise illiquid assets, immutability, traceability, and open-source transparency are some of the core aspects that blockchain and Decentralized Finance (DeFi) can offer. Unfortunately, for entrepreneurs, small and medium-sized businesses (SMBs), and startups, there are large barriers to entry to the blockchain ecosystem, preventing them from being able to utilize the blockchain technology.

Bitkub Blockchain Technology Co., Ltd., a Bangkok-based financial company, has developed Bitkub Chain as a solution to the barriers of the blockchain ecosystem. As the first blockchain infrastructure in Thailand, Bitkub Chain aims to provide an affordable, secure, and scalable platform for individuals, startups, and entities in the DeFi realm to develop and deploy decentralized applications (dApps) and cryptographically secured digital-assets on its blockchain infrastructure at near-to-zero costs. Furthermore, having established itself as the leading trading platform in Thailand, Bitkub Group is poised to create the next revolution in blockchain infrastructure with Bitkub Chain.

This Whitepaper aims to present a comprehensive framework of Bitkub's cutting-edge approach towards creating a blockchain and a DeFi-based infrastructure. It also seeks to demonstrate the current status and future plans of Bitkub ecosystem, discuss its associated products and solutions, and introduce the KUB Coin—the native token of Bitkub ecosystem that enables the seamless exchange of value between peers without the need for a third party intermediary. This document aims to inform readers about how Bitkub is using its teams' expertise to create an infrastructure that seamlessly, securely, and affordably allows for SMBs and large enterprises to innovate for practical and sustainable business values.

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Bitkub Chain V2.2 Summary

BITKUB CHAIN WHITEPAPER V2.2 is an updated version of Bitkub Chain that paves a new future for the network and ecosystem itself. This version maintains the core concept of Bitkub Chain to offer a ready-to-use infrastructure for users within the network and informs readers about essential changes and developments of Bitkub Chain in 2022.

Bitkub Chain currently has over 66,000,000 transactions and more than 2,200,000 wallets registered on Bitkub Chain, while Bitkub NEXT, our branded digital asset wallet, has approximately 500,000 users over the past 10 months.

To ensure the achievement of our goal of bringing blockchain to mass adoption, Bitkub Chain V2.1 has been improved to ensure affordability. With the success and experiences of the launch of key projects, namely Fans Token, Bitkub NEXT, and Bitkub NFT, it has been evident that transaction fee is one of key success factors to truly capture the mass. We have optimized and improved the gas prices per transaction from 50 Gwei to 5 Gwei. To align with the new configuration, KUB token supply is reduced to 110,000,000 KUB and the distribution is also revised to ensure balanced incentives for a sustainably growing ecosystem.

To maximize the value and usage of Bitkub coin, new desirable utilities are introduced in this version. In addition to gas fee and fee credits on Bitkub Exchange, KUB holders can now earn rewards as cryptocurrencies and other lifestyle privileges. Partners and merchants may choose to use KUB to redeem for their services and products for marketing and other purposes. All utilities has been fully adopted as per Whitepaper V2.1

Lastly, Bitkub Chain development team is dedicatedly keeping up to expand its ecosystem and improving the products around the chain, as reflected in the updated roadmap for new projects development.

In Bitkub Chain V2.2, we have added Bitkub Chain Roadmap 2022, which mainly focus on expanding ecosystem, while improving and strengthening technological infrastructure of Bitkub Chain to ensure sustainability and scalability to support more transactions than ever were.

We hope these changes in Bitkub Chain V2.2 will help accelerate mass adoption and bring in real business use-cases, while incentivizing all stakeholders in the ecosystem to spur innovations, democratizing opportunities and the world's internet of value.

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Introduction to Bitkub Ecosystem

4.1 About Bitkub Capital Group Holdings Co., Ltd.

Bitkub Group incorporates the blockchain economy into the mainstream, offering them an innovative infrastructure required for the development of a DeFi system. We are creating a blockchain ecosystem and a one-stop platform for retail investors as well as enterprises to learn, invest, and integrate blockchain technologies into their own infrastructures.

The ecosystem of Bitkub Capital Group is centered around six subsidiaries:

Bitkub Online Co., Ltd.

The leading cryptocurrency exchange platform in Thailand offering advanced and trusted exchange services to individuals and enterprises who intend to buy, sell, and store.

Bitkub Ventures Co., Ltd.

A pioneering Thai venture capital firm that invests exclusively in Blockchain-based startups, early stage companies, and crypto assets. Its mission is to invest in the future of the blockchain economy by supporting new ventures with the demonstrated expertise in cryptocurrency, venture capital, private equity, banking, and consulting.

Bitkub Blockchain Technology Co., Ltd.

A one-stop company to facilitate businesses in issuing their own initial coin offerings by utilizing blockchain technology.

Bitkub Labs Co., Ltd.

A platform that offers blockchain, digital asset, and digital disruption education to prepare the public for the upcoming digital disruption brought by blockchain and DeFi technologies.

Bitkub M Co., Ltd.

The leading digital community in Thailand focuses on exchanging knowledge and organizing digital economic seminar together with providing a source of incubations for startup by organizing programs.

Bitkub Infinity Co., Ltd.

A digital asset management funds provider, which facilitate and support investment strategies via standard license.

4.2 More about Bitkub Online Co., Ltd.

Established in 2018, Bitkub Online Co., Ltd. is one of the four entities under Bitkub Capital Group Holdings Co., Ltd. With registered capital of 290 million Thai Baht, Bitkub Online works as an entity fully regulated by the Securities and Exchange Commission of Thailand. Bitkub aims to bridge the gap between cryptocurrency services and entry-level users by being the most trusted, reliable, and easy-to-use cryptocurrency exchange in Thailand. Our Exchange platform is protected by advanced system security methods and is constantly subject to international independent audits. It provides multi-cryptocurrency wallets, user-friendly technical analysis tools, and alternative cash-out options for businesses who are willing to improve their payment processing systems.

Standout Features
- Over 3 million registered users
- Up to 340 million USD of daily trading volume[1]
- Top 17 Exchange worldwide by volume as of April 17, 2021[2]
- Over 60 listed cryptocurrencies
- Seamless instant liquidity
- 24/7 readily available customer support

4.3 Team
WorkingTeam

Passakorn Pannok

Passakorn is the Chief Executive Officer and Acting Chief Technology Officer of Bitkub Blockchain Technology Co., Ltd. He has 12 years of experience in software development and software engineering, and specialises in Blockchain, Ethereum and Hyperledger technology to implement ICO and smart contract platforms. He is also a software engineering lecturer at Burapha University.

Niorn Kiatdamrong

Niorn is the Chief Operating Officer of Bitkub Blockchain Technology Co., Ltd. She has more than 10 years of experience as an Advisor and Managing Director. She pursued a bachelor's degree from Chulalongkorn University and a master's degree in International Business from Griffith University, Australia.

Siraphop Jantaraopas

Siraphop is a Senior Marketing Manager of Bitkub Blockchain Technology Co., Ltd. He has more than 8 years of experience in digital marketing and technology. With prior working experience in Government sector and state enterprises which include the Ministry of Foreign Affairs and Tourism Authority of Thailand.

Advisory Team

Jirayut Srupsrisopa

Jirayut is the Co-founder and Group CEO of Bitkub Capital Group Holdings Co., Ltd. He has dedicated the majority of his career in the cryptocurrency and blockchain technology industry. He co-founded coins.co.th, Thailand's largest bitcoin exchange. Prior to his career in Blockchain, his experience lies in the financial world as a financial consultant and an Economist for the Bank of Thailand. He is a speaker and one of Thailand's leading cryptocurrency and blockchain experts. He holds an MPhil in Economics from Oxford University, UK.

Wasin Petcharat

He has 8 years of experience in software engineering and product development. His prior proven work history ranges from large enterprises to startups. On top of 2 year experience in blockchain, his specialization lies in project and product management.

Khongchanok Paepipatmongkol

She has 8 years of experience in management consulting and business development. With prior experience in the financial services sector, her expertise lies in strategic planning, deal structuring, partnership and business use-cases on blockchain.

Samret Wajanasathian

Samret is the Technology Advisor of Bitkub Blockchain Technology Co., Ltd. Also, currently serves as the Technology Advisor in blockchain project ShuttleOne Network, he has a demonstrated history of working in the computer software industry. A strong information technology professional, Samret is skilled in C/C++ native programming, Agile Methodologies, and Software Development.

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Bitkub Chain

5.1 Problem Statement

Bitkub Chain steps in to alleviate many existing obstacles in the current blockchain ecosystem on a national and regional scale. As of date, Thailand lacks its own infrastructure for various sectors, having to leverage on foreign's foundation. Subsequently, these infrastructure providers charge extremely high gas fees: one of the key barriers of entry experienced by retails and businesses. Another barrier that poses a challenge to bring blockchain to a mass adoption level is inadequate information dissemination, limiting blockchain adoptions only to businesses with technological capability.

Bitkub Chain is a blockchain infrastructure developed by Bitkub Blockchain Technology Co., Ltd. It aims to be a ready-to-use infrastructure solution for various partners who can also operate the node and be validators, ensuring lower gas fees (transaction fees) and rapid transactions while keeping the security and performance uncompromised and easy to integrate with other projects on Bitkub Chain.

5.2 Vision

Our vision is to democratize economic opportunities and create an unprecedented level of financial access and security for everyone. Assets can be placed on the spectrum of liquidity, making the transfer of value frictionless, secure, and more efficient without the need for a third party. This blockchain infrastructure will allow for rapid financial transactions while unblocking real-life impactful use cases for individuals and businesses.

5.3 Mission

Bitkub Chain is on a mission to bring blockchain to a mass adoption level through proper information dissemination, affordable gas fees, and integration to real business use cases to catalyze innovation and create a holistic ecosystem surrounding Bitkub Chain.

5.4 Value Proposition

Bitkub Chain is an open-source blockchain created for mass adoption of blockchain technology for developers, small and medium-sized businesses, startups, and entry-level users to create, distribute, and manage blockchain solutions, such as decentralized applications (dApps), utility tokens, and Non-Fungible Tokens (NFTs).

It supports the collaborative development of software to expand the possibilities of blockchain technology, helping individuals and organizations harness the power of blockchain and cryptography to address real-world problems by allowing projects to deploy their respective side chains linked to Bitkub Chain.

Bitkub Chain also supports the deployment and issuance of DeFi products, with use cases ranging from lending protocols, decentralized swapping platforms (DEX), oracles, data tokens, and yield farming applications.

Intended to lay the foundation for a scalable and flexible blockchain ecosystem, Bitkub Chain is capable of handling high-volume transaction environments at minimal cost while ensuring the sustainability and transparency of the network.

The value proposition of Bitkub Chain include but is not limited to:
- Resolving real-world challenges by collaboration with business and corporations in Thailand;
- Allowing corporate partners to deploy Bitkub Chain infrastructure to achieve decentralization;
- Tokenizing of fungible and non-fungible assets;
- Adding liquidity to otherwise illiquid assets through tokenization and offering a trading marketplace;
- Offering affordable blockchain infrastructure to spur innovation and create an ecosystem around Bitkub Chain;
- Simplifying the process for on-chain deployment and its future interoperability;
- Maintaining a balance between permissioned and permissionless networks; and
- Empowering the Thai enterprise ecosystem by leveraging Bitkub's blockchain knowledge and the best in class partnerships that Bitkub has acquired over the years.

5.5 Technical Description
Bitkub Chain

Bitkub Chain is building to be an infrastructure for the world's internet of value. Many decentralized applications (dApps) and DeFi projects will be launched and deployed on top of this decentralized network with minimal transaction fees and rapid speed block confirmation time.

Similar to applications interacting with databases today, the dApps will communicate and execute logic against the Ethereum blockchain on Bitkub Chain. Bitkub Chain network consists of a peer-to-peer decentralized network of nodes. These nodes maintain a copy of the data stored (i.e. distributed ledger) and run a virtual machine to support arbitrary computation against the ledger while maintaining consensus. Smart contracts are the mechanism that allows for this complicated computation on the network, similar to stored procedures on traditional databases.

Bitkub Chain Mainnet

Consensus: Proof-of-Staked-Authority (PoSA) Chain Configurations
- Chain Id: 96
- Block Period: 5 seconds

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

Proof of Staked Authority

Bitcoin pioneered the Proof-of-Work (PoW) consensus in 2009 and has since become the foundation for decentralized digital value transfers and launched the cryptocurrency industry. However, as Bitcoin and the cryptocurrency industry matured, its PoW consensus came under criticism due to its requirements in energy usage and hence, environmental impact.

Proof-of-Stake (PoS), therefore, was conceptualized to solve this problem. This alternative to PoW has, since its introduction in 2012 with PeerCoin, saw mass adoption in projects such as the upgrade to the current Ethereum protocol in Ethereum 2.0. Utilising the PoS consensus concept and the transparency of identity of validators and their reputation, PoS consensus can be augmented to become Proof-of-Authority.

Proof-of-Authority (PoA) provides high accessibility in the form of low fees and high transaction throughput. PoA's trust in reputation relies on pre-determined entities as validators[3].

Adopting the PoA consensus mechanism will enable Bitkub Chain to create an ecosystem where users, developers, validators, node owners, token holders, and organizations will benefit from the blockchain network, ensuring high throughput, maximum performance, and cost-effectiveness.

After Bitkub Chain completely develop the network by using Proof-of-Authority (PoA).

Bitkub Chain will change the consensus mechanism to Proof-of-Staked-Authority to maintain the consensus on Distributed Ledger Technology. This will maximize the efficiency of Bitkub Chain from now to the future, which correspond to the company's vision and mission.

Proof-of-Staked-Authority is one of the consensus mechanism, which combines Proof-of-Staked and Proof-of-Authority together. After Bitkub Chain completely uses Proof-of-Staked-Authority consensus, validators node will verify and confirm the transaction and Bitkub Chain will be more decentralized and secure.

To become validators nodes on Bitkub Chain (Proof-of-Staked-Authority consensus), the companies need to verify their reputation and staking KUB coins for more than 250,000 coins. If the companies want to withdraw from being validator nodes, all agreement from other nodes must be conformed together. As a result, Bitkub Chain will be more transparent and verified.

The number of transaction on PoSA will be 10 times more than PoA. Thus, this is another step to decentralized blockchain and support mass adoption in the future.

Nodes

Nodes are divided into Full Node (non-signing nodes), Validator Node, and bootnode. Full nodes maintain a copy of the distributed ledger, which used to submit or look up transactions from the network. Decentralized applications interact with these Full Nodes using Ethereum's web3 JavaScript object to execute and store important transactions within their application. A wallet is usually backed by a Full node on the public network. Validator Nodes process, validate, and commit transactions to the underlying distributed database (i.e. ledger) through a consensus process. Bootnodes provide dynamic discoverability of the nodes in the network.

Description of Nodes

● Full Node

Full nodes are reachable from outside the virtual network so that applications can use these nodes to submit transactions or execute smart contracts within the blockchain networks. All nodes have the latest stable Go Ethereum (Geth) client software and are configured to maintain a complete copy of the distributed ledger. We have explicitly separated the nodes that accept transactions from the nodes that sign or validate transactions to ensure that the two actions are not competing for the same resources.

● Validator Node

Each Bitkub Chain Network member is given a different availability zone of virtual machine. Each validator node communicates with other validator nodes to come to consensus on the state of the underlying distributed ledger. There is no need for your application to be aware of or communicate with these nodes — these nodes are isolated from inbound public internet traffic, adding a secondary level of protection. Outbound traffic is allowed, but not to the Ethereum discovery port. The individual nodes are still connected and communicating with one another via Ethereum's discovery protocol.

All nodes have forked the latest stable Go Ethereum (Geth) client software and are configured to be validator nodes. All nodes use the Ethereum account (Ethereum address and key pair) that is protected by the Ethereum account password. The public/private key pair generated from the Ethereum passphrase provided is stored on each of the validator nodes.

● Bootnode

The group of default VMs is configured as a bootnode to support dynamic discoverability of the nodes in Bitkub Chain network to allow every node member to communicate with each other seamlessly.

Validators

A validator is an entity responsible for verifying transactions on a blockchain. Bitkub Chain relies on a set of validators that are responsible for committing new blocks in the blockchain. They are required to show their identity and trust in the network by showing it as a Proof-of-Staked-Authority. Once they have staked their identity and KUB coins (i.e. voluntarily disclosed that they are in exchange for the right to validate the blocks), these validators participate in the consensus protocol by signing blocks that contain cryptographic signature using each validator private key.

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Our current node partners include:

Saha Pathanapibul Public Company Limited	2C2P (Thailand) Company Limited	SiS Distribution (Thailand) Public Company Limited
SIX Network (Thailand) Company Limited	xLab Digital Company Limited	GetLinks (Thailand) Company Limited
Siam Rajathanee Public Company Limited	SmartContract (Thailand) Company Limited	TPCX Company Limited
Inspec Company Limited	TPCS Public Company Limited	Multiply Technology Company Limited
Minor International Public Company Limited	VILLA MARKET JP Company Limited	Seitee PTE. Ltd. (Diamon Finance)
ABX Ventures Company Limited	SHIN-A Service Company Limited	Dig Dig Company Limited
Finstable Company Limited	Arch 2021 (Thailand) Company Limited	

Tech Partner

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

Once Bitkub Chain has fully adopted the PoS consensus, Bitkub Blockchain Technology Co., Ltd. will join as a node in order to develop Bitkub Chain. In the meantime, Bitkub Blockchain Technology Co., Ltd may join as a node at anytime, in order to ensure the system flows smoothly, or in the case of problems with node validators.

Validator Quorum

In the genesis stage, a few trusted nodes will run as the initial validators. Bitkub Chain produces a block every 5 seconds, and the epoch period is 300 blocks. Then, the current set of validators will check and update the validator set for the next epoch in 1500 seconds (25 minutes).

Support in Bitkub Chain

● Ethereum Smart Contract Support

Interoperability holds an essential role in the usability of a blockchain network. The Ethereum blockchain network is one of the largest networks that hosts tokens, dApps, and Smart Contracts. Bitkub Chain realizes this and has established an infrastructure whereby the blockchain would support Ethereum-based Smart Contracts to coincide with the larger blockchain ecosystem.

● Javascript Libraries

Javascript Libraries enable developers to interact with Bitkub blockchain network and enable the smart contract to be operational. Bitkub Chain supports multiple javascript libraries that include:

- ● Support Web3.js
- ● Ether.js (optional)
- ● Truffle.js library

● Web 3 Wallet Support

Bitkub Chain infrastructure supports direct integration with decentralized wallets such as MetaMask, etc. As a result, only the user holds the keys to their crypto wallet. This means that no other party has access to, or are able to send, receive, or store a user's cryptocurrency, thereby mitigating some security risks associated with hosted wallets.

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5.6 Bitkub Chain Ecosystem and Use Cases

Bitkub Chain strives to create a complete ecosystem for developers, small and medium -sized businesses, startups, and entry-level users, aiming to harness the power of blockchain. As part of the initial ecosystem-building process, Bitkub has tapped its initial clients for its infrastructure usage. In the coming weeks and months, Bitkub will identify key industry-related corporate, organizations, and businesses with a significant global footprint or startups who are just launching so that the platform can scale seamlessly, where existing business models can be tokenized. The marketing team will also identify the participants who will most quickly boost the value of the token.

Bitkub is already in late-stage discussions with key representatives that are awaiting our final rollout. Bitkub will regularly provide updates on its extensive works with corporate organizations and entrepreneurs in integrating with the platform scaling from local to global scales.

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Bitkub Coin

6.1 Token Utility

Bitkub Coin (KUB) will be a "native coin" on Bitkub Chain (similar to ETH in the Ethereum network) However, it can be used for other utilities as outlined below

- **Gas Fee:** Gas is a unit of measurement representing the amount of work done by nodes to validate and secure transactions on Bitkub Chain. To interact with Bitkub Chain, users pay gas fees in the form of KUB. The amount of gas paid depends on the complexity and size of interaction within Bitkub Chain. Gas is used in:

    1. Asset transfer as a fee
    2. Creation and interaction with smart contracts or decentralized application (dApps)

    Smart Contracts are used to complete the tasks on Bitkub Chain. Every step in a Smart Contract is a transaction, or a complex calculation that has associated costs, measurable in "gas", where KUB is used as the mean for payment.

- **Fee Credits**: Since KUB has been listed on Bitkub Exchange, one of the core utilities that differentiate KUB from the rest of the native coins is the convertibility to fee credits on Bitkub Exchange, details of which are routinely announced on the official website page.

- **Lock & Drop:** KUB's holders can enjoy rewards through Bitkub NEXT, a user-friendly cryptocurrency wallet developed by Bitkub Blockchain Technology Co., Ltd. Lock & Drop feature allows KUB' holders to lock their KUB coins within a certain period of time and earn various digital assets,as well as other lifestyle rewards from partners.

- **Redemptions for partners' services and products:** Our recognized partners or general merchants may desire to use KUB to redeem for their products and services. Although it is not intentionally for KUB to be the means of payment, partners or the general public may select to use KUB for that purpose themselves. Users can check updated news on partners through our official website: https://www.bitkubchain.com/ or our social media: https://www.facebook.com/bitkubchainofficial/ ,or our partner's communication channels.

6.2 Tokenomics
Tokenomic Overview
- Token Name: Bitkub Coin
- Token Symbol: KUB
- Total supply = 110,000,000 KUB
- Initial circulating supply = 85,000,000 KUB

890,000,000 KUB will be burned to lower the total supply from 1,000,000,000 KUB to 110,000,000 KUB. This is to align with Bitkub Chain V2.0 configuration which lowers gas price per transaction from 50 Gwei to 5 Gwei, ensuring truly mass adoption at affordable price. The token distribution will also be revised accordingly. The announcement will be made at least 7 days prior to the actual burn date.

The economic system of Bitkub Chain is designed to provide a long term self-sustaining economy, complete with participant incentives, and aimed to maintain the integrity of the network. Bitkub Coin will be used as the unit of exchange to quantify and pay the costs of the consumed computational resources on Bitkub Chain. Bitkub Coin will provide economic incentives such as validators rewards to encourage participants to contribute and maintain the ecosystem on Bitkub Chain. These rewards will stem from gas fees paid during transactions on Bitkub Chain.

Utilizing functions of Bitkub Chain will incur computational resource costs that will consume Bitkub Coin as a processing fee. A portion of the sunk costs of computational resources accumulated from performing various functions on Bitkub Chain such as validating blocks for transactions will then be provided to the participants of Bitkub Chain, namely validators. This closed ecosystem will provide incentives for all parties involved both for the users of Bitkub Chain to engage on the network and the validators who contribute through verifying transactions and adding confirmed verifications to the distributed ledger. This makes Bitkub Coin an integral and indispensable part of Bitkub Chain, as without it, there would be no economic incentives to justify the expenditure of resources within the ecosystem. These rewards are calculated per block and are distributed across the active validators. This provides the network with supply predictability, which supports long term economic stability and security.
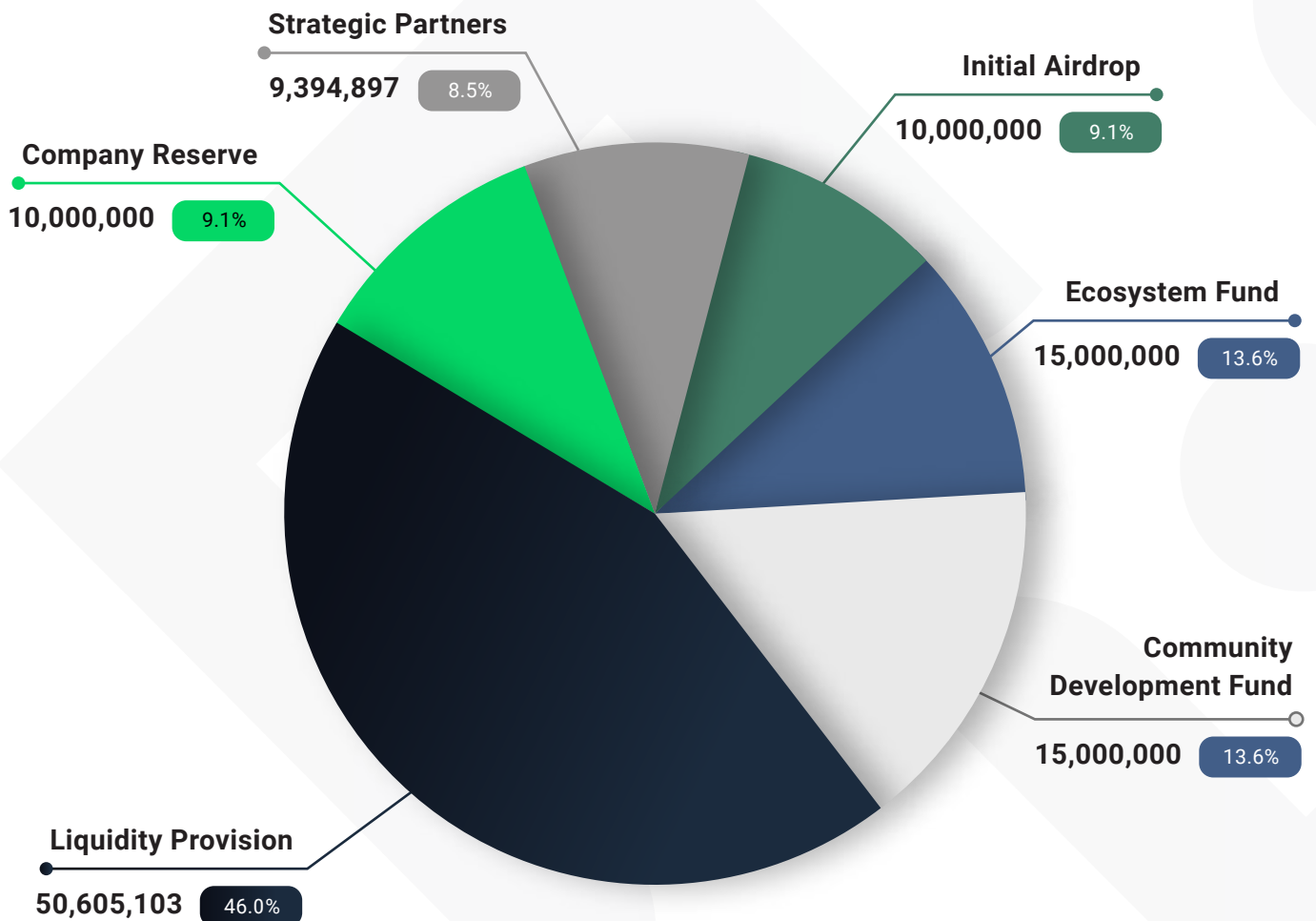
Token Distribution

	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)
Company Reserve	9.09%	10,000,000	3 years vesting period then unlock yearly over 3 years (first release in September 2024)
Liquidity Provision	46%	50,605,103	Completed
Strategic Partners	8.54%	9,394,897	Unlock at Bitkub Chain V1.0 launch
Initial Airdrop	9.09%	10,000,000	Completed
Total		**110,000,000**	

- **Ecosystem Fund** - The Ecosystem Fund, managed by Bitkub Blockchain Technology Co., Ltd., is to be used for areas including, but not limited to, grants for project development in Bitkub Chain ecosystem, node validators, gas fee subsidies, and other infrastructural aspects that will help the long term sustainable growth of Bitkub Chain ecosystem. Out of 300,000,000 KUB in V1.0, 285,000,000 KUB is to be burned to remain the total of 15,000,000 KUB in V2.0

- **Community Development Fund** - The Community Development Fund, managed by Bitkub Blockchain Technology Co., Ltd., is to be used to build community and promote the adoption of Bitkub Chain through education of the public and information dissemination in order to foster a more holistic ecosystem. Out of 240,000,000 KUB in V1.0, 225,000,000 KUB is to be burned to remain the total of 15,000,000 KUB in V2.0.

- **Company Reserve** - The Company Reserve, managed by Bitkub Capital Group Holdings Co., Ltd., is to be used as a contingency reserve or as the company sees fit. In addition to the members of the company's team. Out of 300,000,000 KUB in V1.0, 290,000,000 KUB is to be burned to remain the total of 10,000,000 KUB in V2.0

- **Liquidity Provision** - The Liquidity Provision Fund, managed by Bitkub Blockchain Technology Co., Ltd., is to be used to provide liquidity for Bitkub Coin (KUB) on the initial listing date. 49,394,897 KUB, which was previously locked, is to be burned. However, 50,605,103 KUB, which was sold during initial listing, is currently circulating in the market.

- **Strategic Partners** - The Strategic Partners Reserve, managed by Bitkub Blockchain Technology Co., Ltd., is to be allocated to the acquisition of strategic partner(s). Out of 50,000,000 KUB in V1.0, 40,605,103 KUB is to be burned to remain the total of 9,394,897 KUB in V2.0

- **Initial Airdrop** - The Initial Airdrop, managed by Bitkub Online Co., Ltd., is used to distribute Bitkub Coin (KUB) to eligible customers based on their cumulative trading volumes within a designated timeframe during the initial launch of the project.
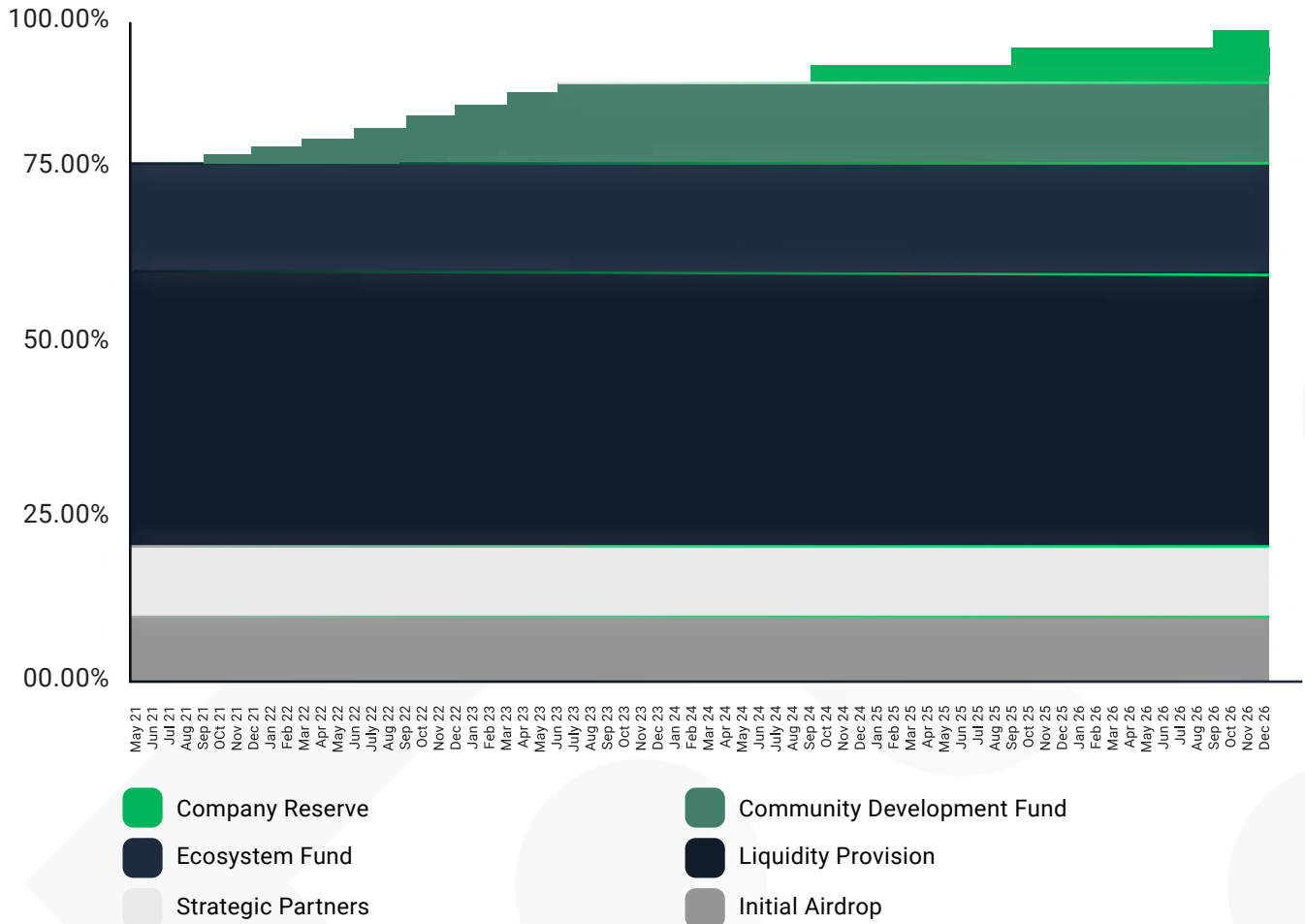
Total supply = 110,000,000 KUB

Strategic Partners
9,394,897   8.5%

Initial Airdrop
10,000,000   9.1%

Company Reserve
10,000,000   9.1%

Ecosystem Fund
15,000,000   13.6%

Community Development Fund
15,000,000   13.6%

Liquidity Provision
50,605,103   46.0%

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Release Schedule

6.3 Roadmap

Q1 2022
- Launch Proof of Staked Authority (PoSA) Consensus
- Launch Bitkub NEXT on mobile
- Launch BKC Port
- Implement Data Oracle
- Launch Bitkub NEXT KYC

Q2 2022
- Launch FANS Dungeon
- Open Bitkub Chain SDK/APIs
- Open Layer-2 Blockchain
- Launch Social DAO Platform
- Launch NFT Auction
- Launch NFT Creator Studio
- Launch Lock & Drop V.2

Q3 2022
- Launch EarnKUB Platform
- Launch Loyalty Platform
- Launch Bitkub Metaverse

Q4 2022
- Launch NEXT Launchpad
- Launch BKC Scan 2.0
- Prepare for Proof of Staked Authority (PoSA) to Proof of Staked (POS) consensus

*We reserve the right to change or modify any of the items on the list, at any time and in our sole direction.

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IF YOU ARE IN ANY DOUBT OF THE ACTION YOU SHOULD TAKE,
YOU SHOULD CONSULT YOUR LEGAL, FINANCIAL, TAX, OR
OTHER PROFESSIONAL ADVISOR(S).**

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References

[1] exchanges/bitkub. Coinmarketcap. (2021). Retrieved 17 April 2021, from https://coinmarket-cap.com/exchanges/bitkub.

[2] exchanges/bitkub. Coingecko. (2021). Retrieved 5 May 2021, from https://www.-coingecko.com/en/exchanges/bitkub.

[3] binance-chain/whitepaper. GitHub. (2021). Retrieved 13 May 2021, from https://github.com/-binance-chain/whitepaper/blob/master/WHITEPAPER.md.

[4] Coingecko. (2021). Retrieved 15 May 2021, from https://www.coingecko.com/.