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**Klever Blockchain
Whitepaper**

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Introduction
Blockchain
is difficult,
but it
shouldn't
be.

New financial opportunities enabled by the internet's borderless commerce and communication have caused a previously unimaginable change in the way we live our lives, handle our finances and ensure our security.

As the digital trend intensifies at a rapid speed worldwide, all global citizens independent of origin, nationality and social status are now given the empowering opportunity to participate in building decentralized digital economies powered by blockchain and peer-to-peer technologies.

Decentralized economies without the need for middlemen enable people and businesses to conduct trustless, anonymous and secure transactions across borders. New opportunities for mobile and web-based apps, entertainment, real estate, finance and essentially anything else that a person can spend fiat currency on today, are becoming increasingly available and accessible in this digital economy.

klever finance

Klever Finance is a trusted permissioned blockchain network for the emerging decentralized economy, by providing a safer, faster and smarter cryptocurrency experience for all users globally to enter and thrive within.

A blockchain network does not have intrinsic value in and of itself, but in fact is only as valuable as what the platform offers its users in terms of usable products and opportunities to participate in the network. With this in mind, we are launching the Klever Blockchain to allow users on a global scale to access indispensable services and products. These include market-leading crypto wallet, crypto swap, web browser, exchange, staking, payment channels, loans, liquidity pools, decentralized finance, game assets, supply chains, logistic records, notary, stored value, gift cards, rewards, loyalty programs, collectibles, banking, ownership and more.

We strive to create a network where trustless technologies empower businesses and individuals in an open global economy using secure, fast and innovative on-chain peer-to-peer applications.

01

Klever Finance Vision

**To accelerate the adoption
of decentralized finance by
empowering people to equal
economic opportunities.**



02 Klever Finance Mission

**To create the most secure,
innovative and easy to use products
powered by peer-to-peer and
blockchain technologies.**



03 Klever Blockchain

Klever Blockchain empowers people to create innovative solutions for real life problems.

Klever Blockchain enables developers to build decentralized applications like never before.

Building and deploying blockchain apps should be simple, cheap, and easy for all developers to do, and that is exactly what Klever Blockchain will enable.

Klever Blockchain Apps (kapps) are on-chain applications developed by the Klever Foundation.



kapps

Instead of being a smart contracts platform, Klever Blockchain will provide prebuilt and ready-to-use apps and functionalities that are native to the blockchain.

These ready-built features will be made available for any and all developers to implement through Klever OS Software Development Kit (SDK) their own interface solution.

kleverOS^{SDK}

This groundbreaking approach will significantly enhance today's dapp functionalities and guarantee a smoother onboarding to the Klever Blockchain's native infrastructure, making it magnitudes more secure, simpler to build and cheaper to deploy.

With Klever OS' simplifying approach, mobile and web developers do not need to understand crypto or blockchain anymore. They will be able to offer decentralized financial services with very low code integrations.

Blockchain networks are often complex and difficult to deploy apps on, but they really should not be. That is why we are building Klever Blockchain. By removing the high threshold for developers to build on Klever Blockchain and making it so much simpler to deploy wanted features, we invite a much larger community of developers and users worldwide.

Klever Foundation intends to bring traditional industries into using blockchain technology by opening a bridge of communication with them, understanding their needs, and subsequently developing and deploying the kapps needed for them to use, continuously expanding the Klever Blockchain use cases. This will be achieved by the multidisciplinary team of Klever's in-house engineers with many years of industry experience.

Scalability and Performance

Based on our experience handling large amounts of data in the private sector as well as multiple public blockchain nodes and over 1.8 million users with Klever Wallet, we have learnt a great deal about the practice of microservices to obtain high scalability without sacrificing efficiency.

In this matter, Klever Finance Blockchain will be built on small efficient actors (microservices), each responsible for its own tasks and integrated with each other.

This will allow anyone willing to run its own instance of Klever Blockchain to do so in a fast, scalable fashion with a one-click solution.

Our initial goal is to achieve 2,000 Transactions per second (TPS), and our modular structure will allow us to increase this throughput as we attract more users and see a growing demand for transactions.

Consensus Model

Our consensus algorithm is based on the PoS (Proof-of-Stake) consensus mechanism.

Proof-of-Stake mechanism

In simple terms, PoS means that entities, companies or individuals are chosen as validators on the Klever Blockchain, with the task of validating transactions and mining blocks based on the amount of assets they hold.

A validator must provide proof of holding a certain minimum amount of Klever Coin (KLV) in order to be promoted as validator, and be able to operate a Masternode.

A Masternode is essentially a full node on the network that receives incentives and rewards to operate and perform actions on the blockchain. The system of utilizing Masternodes provides a highly reliable network and professional services by experienced node operators to the blockchain's users.

Every epoch, which is a period of time that the system will measure and adjust the status in the network, the consensus algorithm will select a portion of eligible Masternodes to be the epoch's block proposer. Initially an epoch is set to last 1 hour, although this parameter can be updated based on governance community votes.

The number of block producers is set to 21 and this number can be updated by a successful network proposal.

There will be a limit of 500 eligible Masternodes seats, which can all vie for a spot among the top 21 block producers.

Every Masternode has a right of 1 single vote in the blockchain governance, which will allow them to vote on proposals, as well as field new governance proposals.

Klever Blockchain utilizes a permissioned network model – Permissioned networks are great to provide high performance, cost efficiency and a properly evolving governance structure. This approach enables the most powerful of decentralized platforms to build an unlimited number of blockchain applications on top of a secure peer-to-peer network.

Klever Blockchain runs a control layer on top of an open governance framework in order to ensure professionalism and competence among the network's validators. This is an essential feature in our mission to protect users against scams, frauds and unreliable block producers, which are problems that many other existing smart contract blockchain protocols suffer from today.



Validators and Masternodes



A Masternode candidate on Klever Finance Blockchain must hold a minimum of 50M KLV in staking threshold to be activated as Masternode on Mainnet. A fee of 1M KLV will be charged and burned in the Masternode activation process after pre-staking.

Masternodes earn block confirmation rewards when transactions are confirmed by its blockchain node.

The block reward flowback is set initially to 50% of fees paid by users. The additional 50% of fees will be burned to control inflation and maintain a healthy network operability.

As Masternode status is obtained by KLV staking, a Masternode owner also participates into the KLV staking pool. Masternode rewards can be changed by community vote and proposal acceptance.

Mainnet will be initially launched and bootstrapped by 21 Klever Foundation Masternodes. All KLV block fees produced by these Foundation nodes will be burned. Once Mainnet is stabilized, the Klever Foundation will submit a proposal to allow public Masternodes creation and removal of Foundation nodes.

Prior to Mainnet launch, the Klever Foundation will deploy a contract for pre-staking action of 10 Masternodes seats with a threshold of 25M KLV in the first stage. A second stage pre-staking will be made available for 10 more seats with a threshold of 35M KLV.

Transactions

Inside Klever Blockchain, transactions are the core functionality that binds on-chain features with the real world.

Using Klever SDK (Software Development Kit) the developer will be able to build and broadcast transactions for multiple currencies and blockchains with ease without any previous knowledge of cryptography or blockchain.

Users have 10 free daily transactions, no matter the size or value of the transactions, which can be used on Klever Blockchain.

Over that limit of 10 free transactions, the cost for each transaction will initially be ~0.01-1 KLV. The blockchain fees are regulated by an on-chain voting mechanism.

Built-in Apps (kapps)

Klever Blockchain is the optimal solution for developers and companies that want to use the most modern and secure products on the market and still be part of a community that is undergoing extensive growth and development.

It is the union between the best of blockchain technology and the most promising products, innovations, team and people that will make our ecosystem increasingly strong, relevant and profitable.

By removing the complexity and vulnerability of smart contracts, we are able to transform and simplify blockchain building for all developers, replacing smart contracts with ready-built apps and functionalities native to the Klever Blockchain.



kapps

This approach allows us to create applications and functionalities requested by the community of users that are secure by nature since they are embedded into the blockchain, developed and deployed by the Klever Foundation.

To negate the risk of bad actors attempting to use the Klever blockchain to scam people, we are implementing a market first - on-chain applications that live inside the Klever Blockchain that can be enabled and disabled by community vote.

Here are the Klever on-chain applications that live inside the Klever Blockchain:

On-chain swap

Liquidity mining

Liquidity pools

Username and domain registration

Username and domain sale

Digital identity

NFT marketplace

Create collectibles and NFT tokens

Loans and collaterals

DEX

04

Klever Tokens (K-Tokens)

K-Tokens are the Klever Blockchain sub tokens. Sub tokens are meant to build utility inside Klever Network. K-Tokens can be used inside Klever Network apps and are extremely fast, reliable and secure.



Klever Blockchain offers native token creation and features without the need for complicated smart contracts. Every token inside the Klever Blockchain has the native form “K-Token”. With Klever Wallet you will be able to create tokens with 3 steps.

Anyone can create K-Tokens using Klever Wallet and the initial cost to create one will be 10,000 KLV that will be burned.

You can create K-Tokens for:

DeFi projects

Stablecoins

Stock derivatives

Notary documents

Game assets

Inventory management

Supply chain

Staking

Rewards

Logistic records

Loyalty programs

Collectibles

NFT

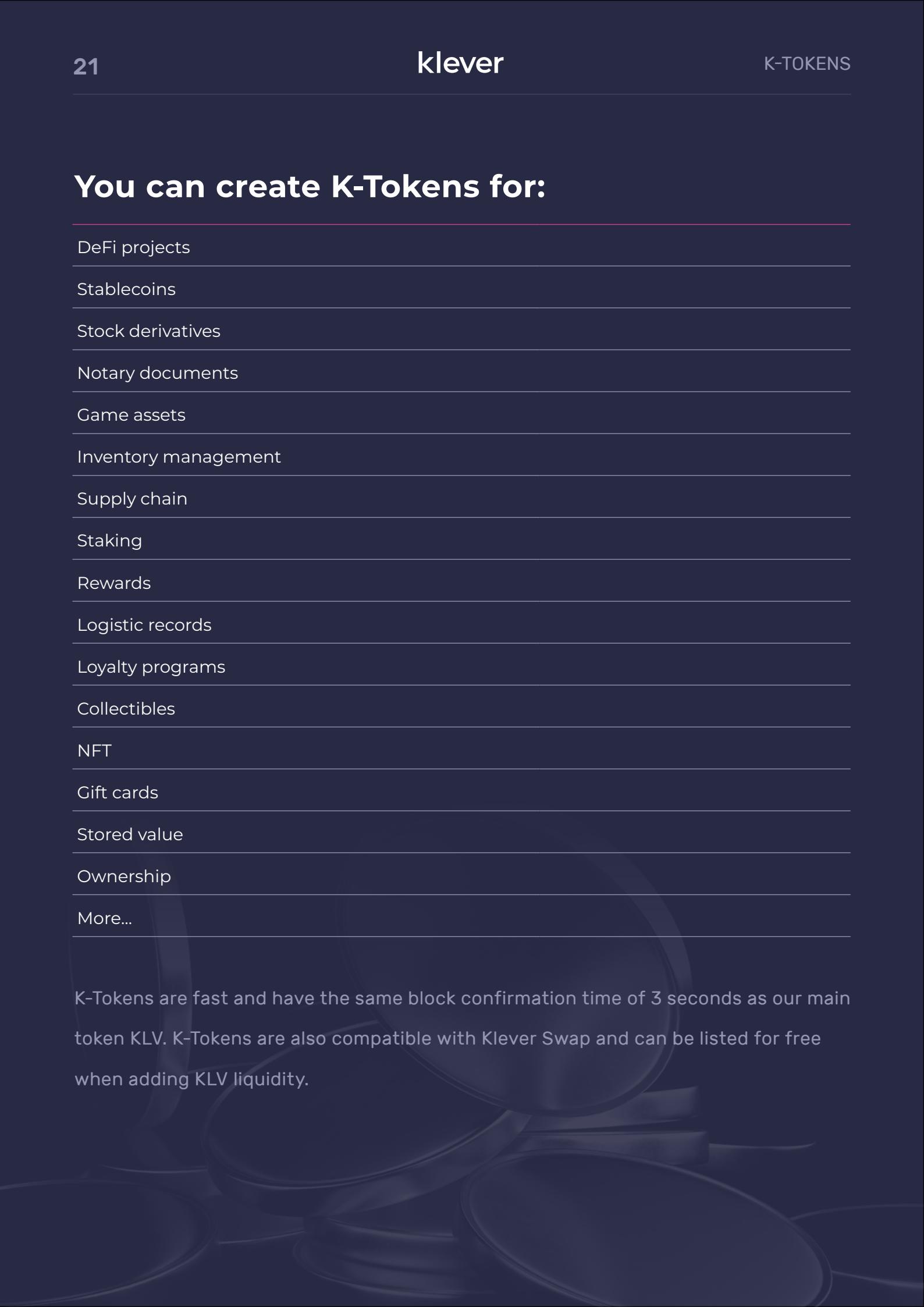
Gift cards

Stored value

Ownership

More...

K-Tokens are fast and have the same block confirmation time of 3 seconds as our main token KLV. K-Tokens are also compatible with Klever Swap and can be listed for free when adding KLV liquidity.



05 Klever Coin (KLV)

KLV is the main utility token of the Klever Blockchain.

We are under the strong conviction that having KLV as the primary token powering all our platforms, products and services brings credibility, accountability, flexibility and independence to Klever users worldwide.



Today, more than 50% of the circulating supply of KLV is currently staked inside the Klever App by the Klever Community for 12-16% APR (depending on the time of staking by the user), effectively removing half of the supply from the market. Moreover, despite being created only 5 months ago, KLV surpassed a total of 3 million transactions on December 16.

Klever Swap, one of the core features and tools of the Klever App, uses KLV as its fee engine. All users can either reduce their swap fees by holding KLV in their wallet or pay fees in KLV thereby receiving lower costs for fees. Additionally, any fee paid Swap fees in other coins or tokens are instantly converted to KLV by buying off the market, adding to KLV's liquidity and usability. A portion of the KLV collected from Swap fees are burned daily.

All transactions carried out in the portfolio of Klever apps and platforms go through the KLV Coin, directly or indirectly. KLV is the link between our community of worldwide users and the Klever product created using p2p and blockchain technologies.



You can use KLV on Klever Blockchain to:

Store value

Make p2p payments

Participate in new projects through crowdfunding

Pay swap fees

Reduce swap fees

Reduce exchange fees

Pay exchange fees

Pay blockchain transaction fees

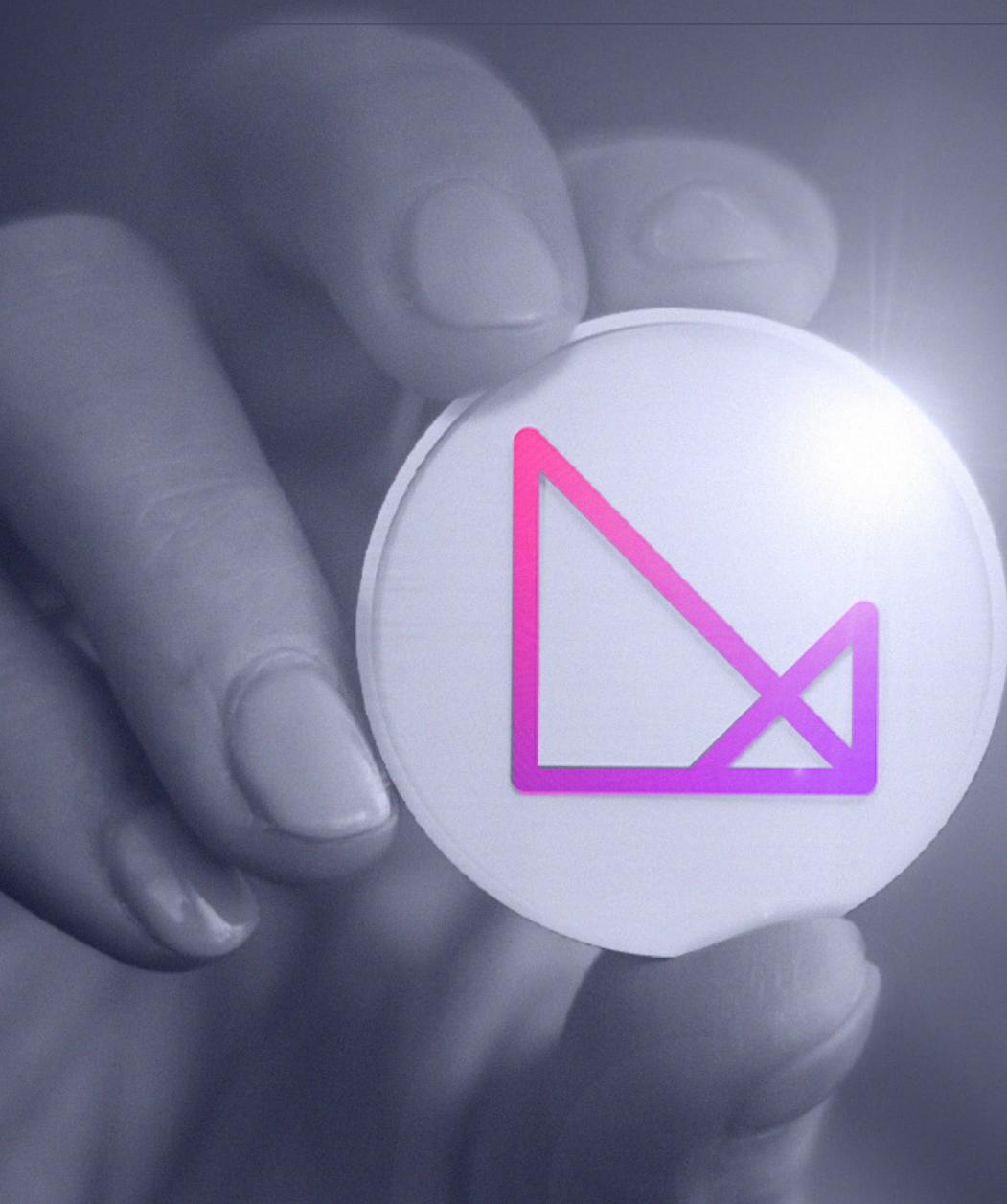
Create K-Tokens inside Klever Network

Create new tokens across supported blockchains

Provide liquidity for K-Tokens and Stablecoins

Stake

Run Klever Masternodes



06 Klever Finance Token (KFI)

The Klever Finance Token (KFI) - the Klever Blockchain governance token.

The Klever Finance Token (KFI) is the Klever Blockchain Application governance token.

KFI token holders have complete control over the apps protocol configuration (like application fees and referrals) and approval of new apps using an on-chain voting system.

KFI owners are entitled to receive application rewards in KLV. Each application can have their own set of fees, and as an autonomous system, the fees will be distributed to KFI governance community.

As main feature network participants are able to add KLV as liquidity for all Klever-based Tokens in order to mine KFI token.

To clarify, KLV Coin is the Klever Blockchain main utility token, and KFI is the governance token of the blockchain.

Klever Blockchain enables us to build unlimited on-chain peer-to-peer applications. Each protocol app will have it's own fee contribution model to the network itself and to the KFI governance community. As more apps are developed on the Klever Blockchain, more value flows into liquidity pools through KLV and more rewards are distributed to the KFI governance community.

You can use KFI on Klever Blockchain to:

Vote for new application proposals

Vote for new projects

Vote for change application proposals

Earn network rewards



Genesis

During the genesis event, the Klever Foundation will mint 150,000 KFI tokens and airdrop to our communities in the following manner:

Klever Airdrop	Klever Team	Klever Foundation
50,000 KFI*	50,000 KFI	50,000 KFI

* 30 KFI per TWLT

The KFI supply mined in the genesis phase represents the initial governance community of the network.

Initial Supply (Genesis event, 2021)	150,000 KFI
Max Supply (When all KFI have been mined, in 2040)	1,000,000 KFI

How to mine KFI?

The only way to mine KFI is by providing liquidity to Klever Swap.

We use the following list for reference:

Examples

Providing USDT swap liquidity to KLV

Providing BTC swap liquidity to KLV

Providing USDT swap liquidity to KFI

Providing BTC swap liquidity to KFI

Providing KLV swap liquidity to KFI

Providing KLV swap liquidity to selected Klever Stablecoins

Providing KLV swap liquidity to selected K-Tokens



KFI Network Rewards

As described in the segment above, KFI mining will take place when the user provides liquidity for certain token pairs or to the liquidity pool.

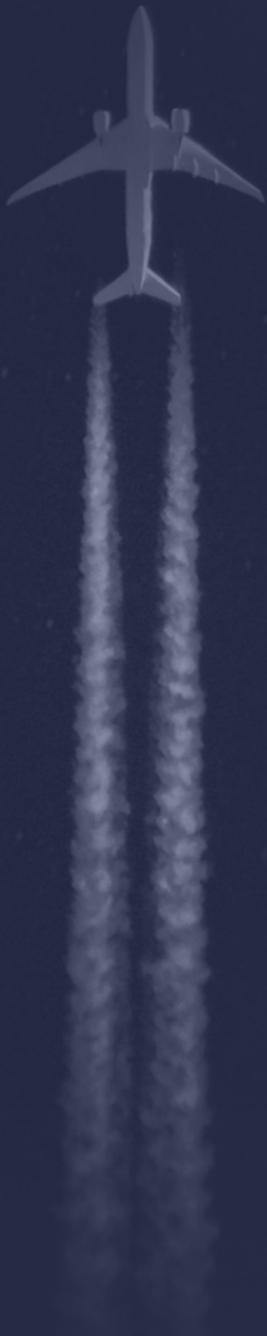
This movement of generating KFI as a result of the amounts allocated for liquidity we call KFI Network Rewards, as it will be the way users can accumulate KFI over the next 20 years generating liquidity.

The use of KFI as relationship tokens with our network strengthens the idea of Klever's effort to create a strong and sustainable community since the generation of liquidity will help in the execution of the most diverse orders carried out in our wallet and exchange.

The number of KFIs that can be distributed by KFI Network Rewards is fixed and will be carried out over the next 20 years respecting a HALVING event every 4 years displayed in the table below.

Year	Total KFI
2021	110,000
2022	110,000
2023	110,000
2024	110,000
2025	55,000
2026	55,000
2027	55,000
2028	55,000
2029	27,500
2030	27,500
2031	27,500
2032	27,500
2033	13,750
2034	13,750
2035	13,750
2036	13,750
2037	6,875
2038	6,875
2039	6,875
2040	6,875

07 Klever Blockchain Roadmap



2021 Q1

- KFI Airdrop
- KFI Listing



2021 Q2

- Klever Network Testnet



2021 Q3

- Pre-Staking



2021 Q4

- Klever Network Mainnet 1.0
- KLV and KFI Swap to Mainnet



2022 Q2

- Klever Network Mainnet 2.0



2022 Q4

- Klever Network Mainnet 3.0



2023 Q2

- Klever Network Mainnet 4.0

08 Why Klever Blockchain is the solution for your project?

We want to make it clear to everyone who is thinking about developing projects using blockchain, or currently building crypto powered projects, why Klever Blockchain is the best, simplest and smartest solution for your project.

The possibility of developing decentralized apps (dapps) easily and at low cost.

You develop directly on the blockchain and deploy pre-built features for dapps, without the need to write or use complicated and vulnerable smart contracts.

Easy and fast to use and with less development time, with ready-to-deploy features already built into the blockchain. You gain a lot of time to market, while saving funds.

A large global community that keeps growing to support your project.

Community active in the demand for new solutions and applications for the blockchain that will be constantly evolving.

You can enhance the profit of your project using an extra charge for service.

Ready to use API's to facilitate the integration and development of new solutions.

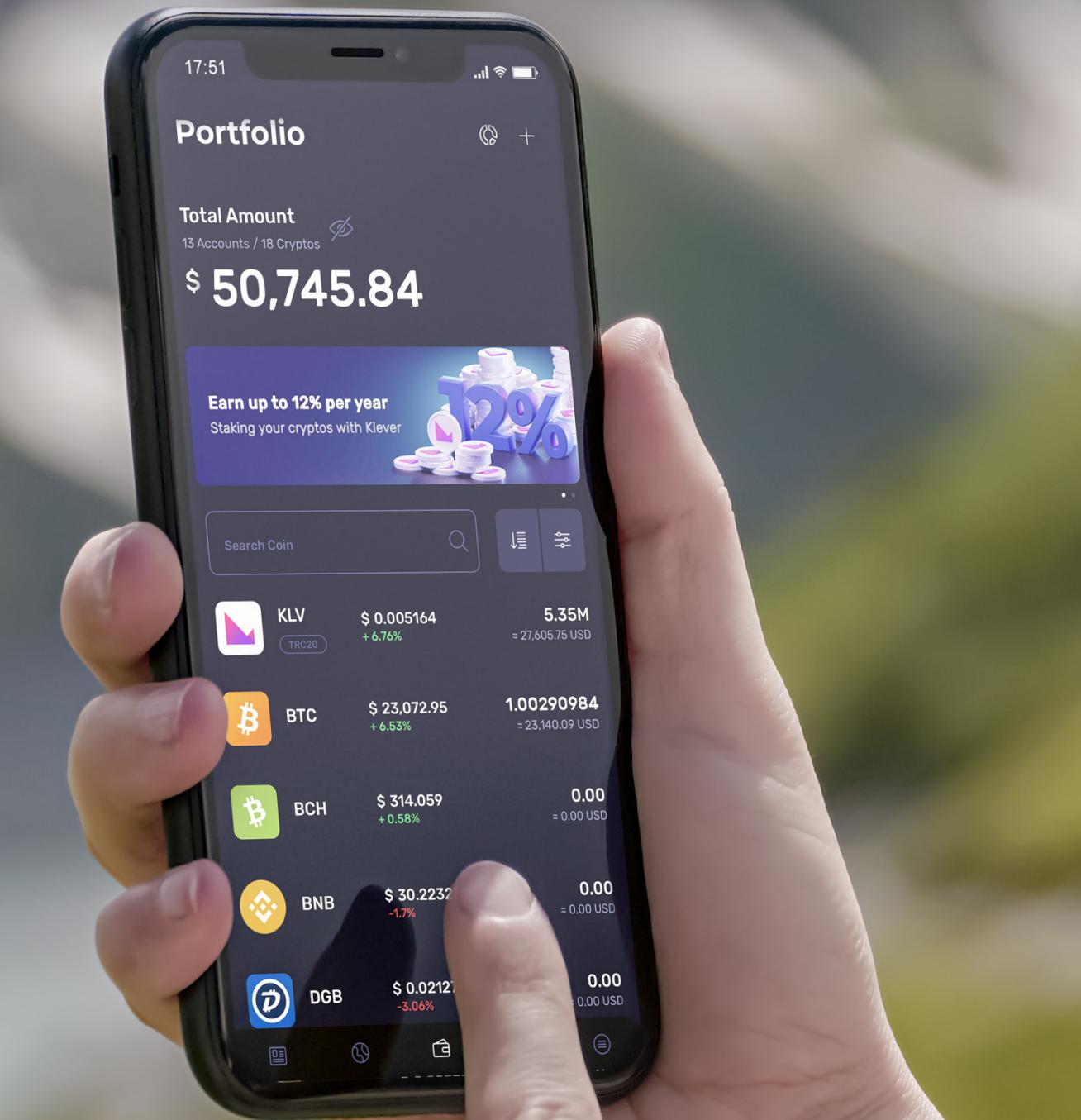
No requirements to run nodes as a developer.

Over the past decade, we at Klever have spent all of our energy, passion and time to build blockchain solutions and products for millions of users worldwide

Today, to maintain the Klever App's p2p wallet operations, we operate dozens of blockchain nodes globally on multiple major blockchain protocols, including Bitcoin, Ethereum, Tron, Litecoin, XRP, DigiByte and more. This experience has shaped our vision of the future Klever Blockchain.

We have learned an immense amount about blockchain technology, cryptography, immutability and what technologies are best suited to optimize high performance, speed, security and reliability.

With this continuous learning experience embedded deeply into our team, we are building our blockchain with expertise, knowledge and an open mind to deploy the most applicable technologies in terms of security, accessibility, performance and scalability.



09 Klever
Downloads



Try out Klever
Wallet now
and be ready
for Klever
blockchain.

DOWNLOAD KLEVER APP FOR IOS OR ANDROID



10 Risks

The greatest opportunities for wealth, in ideas and other, is created by being an early believer in and supporter of innovation. Believing in a project before the great majority have understood its potential and found interest in its innovation.

Taking risks is what fuels development and innovation. There is no innovation without risks. There is no innovation without mistakes. There is no innovation without learning from these mistakes.

There are many risks involved in building applications in the cryptocurrency and blockchain space. The team behind Klever has the skills, experience, proven track record, vision, teamwork and leadership to face these challenges and overcome these risks.

11 Competition

The real competition is met only within ourselves. The true challenge is to learn from any errors, and to continually grow our products into something even better. What makes us unique in the space is that we have already learned, delivered, grown and updated several crypto projects that are used by over 400k users each month and are installed on more than 1.8M devices worldwide.

The competition in this space is fierce, but our emphasis will not lie with other crypto projects. We are confident that our ethics, experience, roadmap, partnership network, technical prowess, superior marketing, innovative products and most importantly our team make us uniquely positioned to grow the Klever ecosystem into one of the world's leading and most useful blockchains.

IMPORTANT NOTES

Klever Coin and KFI Token (henceforth referred to as "KLV" and "KFI") are not intended to constitute securities, units in a business trust, or units in a collective investment scheme or its equivalent or any other regulated products in any jurisdiction. This Whitepaper is meant to provide more information on the Klever Blockchain Economy, its utility and its functions, and does not constitute a prospectus or offer document of any sort. This Whitepaper does not constitute or form part of any opinion or any advice to sell, or any recommendation or solicitation of any offer to purchase KLV or KFI nor shall it or any part of it or the fact of its presentation form the basis of, any contract or investment decision. No regulatory authority has examined or approved any of the information set out in this Whitepaper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The publication, distribution or dissemination of this Whitepaper does not imply that the applicable laws, regulatory requirements or rules have been complied with. This Whitepaper, any part thereof and any copy thereof must not be taken or transmitted to any country where distribution or dissemination of this Whitepaper is prohibited or restricted.

Appendix A.

Klever Blockchain

is the technology and the underlying foundation powering the Klever Finance platform.

Klever Network

is the collection of nodes to keep the blockchain operational and growing. The Klever Network consists of validators running nodes, connecting everyone by using a single network of decentralized applications.

Klever Finance

is the platform running on top of Klever Blockchain, serving as the connector between the Klever developer community to its users, and the house of Klever-based blockchain apps, or kapps.



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