Ekta Whitepaper v3

📖 Contents

1 Executive Summary & Introduction to Ekta

Executive Summary & Introduction to Ekta

This white paper introduces the Ekta ecosystem, which brings tanglible, real-world assets (RWA) on-chain to connect profit with purpose and create a new economic proposal that rewards and increases access to financial participation and sustainable development. ***There are 5 core components of the Ekta ecosystem, and 7 core consumer products that utilize these components to bring Web 3 to the masses***:

Ekta Ecosystem Core Components:

1. **EktaChain Mainnet** - the blockchain
    1. **EktaBridge** - A DApp that enables users to bridge tokens between 2 or more blockchains or networks. This tool is vital in the growth of our ecosystem and instrumental in our ability to scale and integrate with other established blockchains.
    2. **EktaScan** - A blockchain scanner that enables transparency in the EktaChain mainnet containing a variety of visibility functions. We have all the tools that web3 has become accustomed to as well as some features that will create a user friendly experience.
    3. **EktaClaim** - An integrated function on our mainnet, centralized, to enable users a singular point to execute all claims. This is used for staking rewards, Portal Rewards, and any projects that give out reward benefits on the EktaChain mainnet.
    4. **EktaStake** - A DApp that enable the creation and management of staking pools of the Ekta Token
    5. **EktaReadiness** - An easy and fast way for users to add all the required components to access our ecosystem. This includes installing MetaMask, adding the EktaChain Mainnet, and all the necessary tokens to your wallet that one might use in our ecosystem. This can also be integrated and customized with any project to create an easy onboarding experience for the user.

Ekta Ecosystem Consumer Products:

1. **Ekta NFT Marketplace** - the hub of Ekta's utility-based NFT transactions. All projects and partners will bring real world use cases backed by real world assets.
2. **Ekta Real Estate Marketplace** - A Real Estate marketplace application that brings all the opportunities of Real Estate to a global market using the power, efficiency, and transparency of blockchain technology
3. **Ekta Assets** - Ekta's asset-backed segment of the NFT & Real Estate marketplaces that focuses on tokenizing real-world assets such as real estate, property management, ticketing, venue access, charities, and other utilities and opportunities that reside in the real world
4. **Ekta Island** - Ekta's wholly owned island off the coast of Bali that is undergoing major development to become a self-sustaining blockchain hub of enthusiasts, students, token holders, residents, and crypto-curious visitors
5. **MetaTrees** - Ekta's plant-to-earn (play-to-earn) game with real-world utility and positive impact on the environment
6. **Ekta Portal** - An end-node solution that strengthens EktaChain and rewards the operators for providing their services
7. **Ekta HYBEX** - Ekta's hybrid exchange with both centralized and decentralized features and benefits

The vision

Today's centralized institutions and systems of governance are beleaguered and inefficient. Outdated economic policies have led to the mismanagement and depletion of natural resources while prolonging the cycle of unemployment, debt and poverty.

Ekta's vision is to create a world where blockchain technology is used to give everyone a chance to live a better life. A new ecosystem is needed, one where people from different backgrounds and socio-economic circumstances can participate freely, without the barriers and inefficiencies introduced by centralized governing bodies.

First, we build

Before we can tackle the macro problems we've described out in our long term vision, we must start with laying the foundation for the Ekta ecosystem. We cannot be in position to affect the systemic change that's needed without first developing the various branches of the Ekta ecosystem, including:

- The development and deployment of Ekta's own blockchain (EktaChain)
- Bring on-chain real-world assets through EktaChain and Ekta's self-developed NFT Marketplace and Real Estate Marketplace App (ERE)
- Physical spaces such as the island chain (Ekta Island) currently being developed in Indonesia, where physical land and real estate assets will be brought on-chain
- Ekta's play-to-earn game with real world positive impact (MetaTrees)
- The development and deployment of Ekta Portal, which will serve as an endpoint node and rewards owners/operators with $EKTA tokens
- Ekta's hybrid centralized/decentralized exchange (HyBex)

The mission

In 2008, the way that the world viewed value was forever transformed by the anonymous forefather of all cryptocurrencies, Satoshi Nakamoto. What began simply as a new standard for digital transfer through Bitcoin has now rapidly expanded to include a myriad of altcoins vying for attention; as well as new concepts such as decentralized finance (DeFi), non-fungible tokens (NFT), and decentralized trading infrastructure. In mainstream media, it's widely reported that the cryptocurrency space has been on a rocket to the moon, albeit with the volatility that is to be expected when revolutionary technology and disruptive new ways of doing things are unveiled to the world.

However, most current cryptocurrency projects to date have been built to benefit and reward those already in the industry and community. Their aim has generally been to make processes on existing chains faster and more secure, or incur less fees, especially in the DeFi space. For most common folks who aren't crypto savvy, they've been left out of the ecosystem.

Conversely, the transformative power of Ekta is designed to finally merge the physical world with the on-chain blockchain world. Ekta connects traditional industries and businesses, as well as physical assets, onto our blockchain. By doing so, Ekta creates opportunities to decentralize efficient access to capital from the modern world's providers—including corporations, lenders, and investors. Ekta brings these opportunities to the people who need it most, employees and their families, borrowers, and entrepreneurs, along with making vital real-world assets such as natural capital more accessible through fractional tokenization and non-fungible tokens (NFTs).

In the world, as we know it, the basic flow of capital from one half of the equation to the other is inefficient and littered with inequalities. Outdated economic policies from corporations, financial institutions, and governments have negatively impacted both our natural world and society at large, contributing to the mismanagement and depletion of natural resources as well as the rise of unemployment, debt, and poverty among blue-collar and white-collar workers alike.

Starting with society, these events often lead to what is known as a mindset of scarcity among the working class. Research has shown that this phenomenon, where individuals experience a mental shift due to a lack of resources, results in the restriction of cognitive capacity and is comparable to losing as much as 13 IQ points.

Today, it is estimated that 27.8 million people are living in poverty in Southeast Asia alone. Despite the fact that education programs and school attendance are improving, most people still work 14 to 16 hours per day. This imbalance results in a society that is constantly under stress, and leaves little opportunity for entrepreneurial growth.

What if there was another way? What if we were able to lessen the poverty gap and help people make better long-term financial choices, enabling them to improve their quality of life and raise their standard of living? What if we were able to build a world where equity and equality is truly attainable? What if we were also able to develop a system that not only protects our natural resources but also helps us generate sustainable profits from their preservation and care?

Ekta will merge the physical world with the virtual world. By decentralizing systems and bringing people from different backgrounds and socio-economic circumstances together in one community and ecosystem, Ekta can:

- provide everyone with the opportunity to participate and build a better life for themselves
- help create profit with purpose through the tokenization of natural capital and property

This ecosystem of communities and holders is what we call the Ekta ecosystem.

Why it works

- By decentralizing the relationships, we can streamline access to capital, allowing entrepreneurship to flourish,
- By removing the boot of debt and financial distress from the throats of those in vulnerable situations, we enable everyone to breathe, dare to have ideas, and plan for the future,
- By decentralizing governance by the people and prioritizing projects that focus on the sustainability of our communities and environment, we will cultivate a culture of innovative ideas, creating a decentralized and seamless way of managing natural assets and bringing hope to the people living in dire economic circumstances.

Ekta exists to bridge the digital blockchain world with the world we live in and create value in both. By developing economic policies that are rooted in empathy rather than greed, Ekta will build a society that is guided by humanity and altruism as its core principles.

With a focus on sustainability, Ekta will drive the development of projects relating to blockchain, cleantech, wise tech, hospitality tech, clean-ocean startups, alternative medicines, permaculture, and sustainable aquaponics.

As the Ekta community grows, the Ekta Token, Ekta's digital currency, will continue to stay relevant for token holders and traders, allowing community members to stake, save, lend, and borrow. For the real world, Ekta will provide a decentralized and equitable platform to access capital, education, and opportunity—the necessary ingredients for anyone to have a chance at a better life.

2 General Disclaimer

General Disclaimer

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3 Introduction to EktaChain Mainnet

Introduction to EktaChain Mainnet

The EktaChain Mainnet is based on Hyperledger Besu technology to allow for the building of secure, high-performance transaction processing in a public network.

EktaChain is built on open-source Ethereum client technology that implements Enterprise Ethereum Alliance (EEA) specifications. First developed under the Apache 2.0 license, EktaChain is built using Java language and compatible for deployment on Ethereum public or private networks. EktaChain has a replica testnet network for partners and developers integration and product testing.

By offering blockchain solutions that are easily implemented, Ekta can significantly improve the performance, efficiency, and employment of business processes.

EktaChain Performance Benchmark

- 400 TPS with 16 nodes
- Speed and efficiency are increased as more nodes begin operating

EktaChain implements Proof of Authority (POA) - QBFT (Quorum Byzantine Fault Tolerant) consensus mechanisms and supports enterprise features including privacy and permissioning.

QBFT consensus protocol was chosen due to the following factors.

- Speed - For QBFT the time to add new blocks increases as the number of validators increases when the number of validators increases above 40 nodes. EktaChain currently has 16 validator nodes with no plans to go above 40 nodes.
- Immediate finality, QBFT consensus has immediate finality and guarantees that there are no forks and all valid blocks get included in the blockchain.
- Liveness - QBFT consensus networks require greater than or equal to two-thirds of validators to be operating to create blocks.
- Power efficiency - With validator node numbers capped at 40 nodes or lower, EktaChain is among the most power efficient chains running

Ethereum Client

Ethereum clients are software applications containing Ethereum Virtual Machine (EVM) protocols. This software ensures data is accurately captured and securely stored. The various Ethereum clients all use different programming languages such as Java, C#, Go, and Rust. All Ethereum clients have a custom-developed execution environment specifically for processing blockchain transactions.

EktaChain Features

As previously mentioned, EktaChain operates on the Enterprise Ethereum Alliance (EEA) specification. EEA serves as the standard benchmark for common-interface development between various projects (both open and closed) on the Ethereum network.

Feature List:

Proof of Authority - Proof of Authority (PoA) is a consensus mechanism that requires a validator to stake their reputation. PoA is highly efficient for private networks due to a relatively limited number of validator nodes and high throughput capacity.

Ethereum Virtual Machine - EktaChain is compatible with the Ethereum Virtual Machine (EVM), a quasi–Turing-complete computation engine that manages the rollout and execution of smart contracts on the Ethereum blockchain, which makes it possible to bridge ERC20 tokens to EktaChain from other EVM-based Blockchains or Binance Smart Chain.

Permissioning - As a permissioned network, EktaChain authorizes only specified accounts and nodes for participation. Permissioning can be either local (utilizing a node-level configuration file) or on-chain (utilizing network-level smart contracts).

Monitoring - EktaChain blockchain allows for monitoring of node and network performance (Prometheus and Grafana) while utilizing JSON-RPC API to send transactions to nodes.

Storage - EktaChain utilizes RocksDB, an embeddable persistent key-value database that ensures data is categorized into two sub-categories namely Blockchain data and World State data.

P2P Networking - By utilizing Ethereum's devp2p networking protocols, EktaChain can facilitate communication between clients.

User-facing APIs - EktaChain provides mainnet Ethereum APIs and EEA JSON-RPC APIs supporting WebSocket and HTTP protocols. These APIs support Ethereum functionalities such as:

Ekta On-chain Minting

- Smart contract development
- Decentralized application (DApp) development.

Introduction to smart contracts

A smart contract is a special protocol designed to provide, validate and enforce contracts. Specifically, smart contracts are an important reason why blockchain is called "decentralized", allowing the execution of traceable, irreversible, and secure transactions without the need for a third party.

A smart contract contains all the information about the transaction, and the resulting action is executed only when the requirements are met. The difference between smart contracts and traditional paper contracts is that smart contracts are generated by a computer. Therefore, the code itself explains the relevant obligations of the participants.

In fact, the participants in a smart contract are usually strangers on the internet, subject to a binding digital agreement. Essentially, a smart contract is a digital contract that does not produce results unless the requirements are met.

How smart contracts work

The smart contracts deployed on EktaChain function similarly to auto-vending machines. Smart contracts are analogous to vending machines: when transferring bitcoin or other cryptocurrencies to a vending machine (analogous to a ledger), the input needs to meet the requirements of the smart contract code to automatically execute the obligations agreed upon by both parties.

The obligation is written into the code as an "if then", e.g., "If A completes task 1, then the payment from B will be transferred to A." Through such a protocol, smart contracts allow for various asset transactions, each of which is replicated and stored in a distributed ledger. In this way, information cannot be tampered with or destroyed, and data encryption ensures complete anonymity between participants.

While it's widely believed that smart contracts can only be used for assets in the digital ecosystem, EktaChain, the partners of Ekta and the Developers who are developing applications on EktaChain, are actively exploring the world beyond digital currency in order to connect the physical world with the blockchain world.

Solidity

Solidity is an object-oriented, high-level language for implementing smart contracts. Smart contracts are programs that govern the behavior of accounts within the EktaChain state.

Solidity was influenced by C++, Python, and JavaScript and is designed to target the Ekta Virtual Machine that is fully compatible with the Ethernet Virtual Machine (EVM). Solidity is statically typed, supports inheritance, libraries, and complex user-defined types, among other features. With Solidity, it's possible to create contracts for voting, crowdfunding, blind auctions, and multi-signature wallets.

When deploying contracts, it's advised to use the latest released version of Solidity. This is due to breaking changes as well as regular feature updates and bug fixes. A 0.x version number is currently in use, indicating this fast pace of change.

Ethereum Standard Compatible Contracts

"ESCC" is short for "Ethereum Standard Compatible Contracts". Ekta Mainnet is compatible with all ERC standard contracts and uses the same number naming.

ERC-721 | Official NFT Standard

ESCC-721 is fully compatible with the ERC-721 standard and is used to mint a non-fungible token (NFT).

A non-fungible token (NFT) is a unit of data stored within our EktaChain that certifies a digital asset to be unique and therefore not interchangeable. NFTs can represent items such as photos, videos, audio, and other types of digital files. Access to any copy of the original file is not restricted to the buyer of the NFT. While copies of these digital items are available for anyone to obtain, NFTs are tracked on blockchains to provide the owner with a proof of rights that is separate from copyright.

In EktaChain, NFTs can also be used to build a standard for the usage right or long-term lease agreement of real assets in the physical world.

ERC 1155 | Official NFT Standard

ERC-1155 (F-NFT) is a token standard that enables the efficient transfer of fungible and non-fungible tokens in a single transaction. ERC-1155 allows for transfer of multiple token types at once, and the attendant gains in efficiency and lower transaction costs.

ERC-1155 has a number of other benefits:

- It supports an infinite number of tokens
- It supports not only fungible and non-fungible tokens, but also semi-fungible tokens.
- It has a safe transfer function that allows tokens to be reclaimed if they are sent to the wrong address
- It removes the need to "approve" individual token contracts separately

Reward of Nodes (gas fee)

The native token on EktaChain is $EKTA which is also known as the EktaChain native token. Gas fees on the blockchain are paid using $EKTA.

Users stake $EKTA to help secure the network and run validator nodes. Validators are rewarded with gas fees, distributed according to the QBFT POA consensus.

Unlocking the true value of real-world assets

Natural capital refers to the wealth of resources that make up our natural world, including water, air, soil, habitats, and ecosystems—essentially, all resources necessary for sustaining life. Investing in natural capital helps guarantee sustainable, energy-efficient use of our world's natural resources, yet there are many barriers that currently prevent people from doing so. Three common challenges include:

- Illiquidity,
- High barriers to entry for investments,
- Poor asset governance caused by poor transparency.

Using a three-pronged approach, EktaChain aims to bring real-world assets into the digital age, making it easier for people everywhere to contribute and earn while promoting sustainable development. This approach includes:

- generating liquidity through Ekta's DeFi platforms,
- minting and issuing NFTs that represent natural capital assets,
- ensuring transparent governance by using smart contracts to execute transactions.

In addition to natural capital, Ekta also plans to increase access to physical and intellectual property by tokenizing real estate, land, and digital creations developed through Ekta. Features such as fractional rights will further reduce the barriers to entry for people worldwide.

Ekta's digital currency which we detail below. As an additional reward for participants, Ekta will also introduce Ekta's hybrid exchange called HYBEX, which will issue its own HYBEX Token—the HYX Token—that can be swapped using $EKTA. On HYBEX participants can swap $HYX for NFTs and other sub tokens created through the Ekta ecosystem.

Ekta Token - $EKTA

$EKTA, Ekta's digital currency, allows to participate directly in the Ekta ecosystem, serving three unique purposes:

- Native EktaChain token
- Purchases
- Retail

All token holders have partial and limited control over the Ekta ecosystem with access to all privileges, with the exception of the token's mechanism of function. $EKTA will be the primary currency and method of exchange in all physical spaces as well as the virtual marketplace and NFT marketplace.

$EKTA tokens are energy-efficient since they are premined at the boot process of the blockchain and distributed to unique purpose contracts to be used throughout the Ekta ecosystem.

Ekta's preliminary goal is to launch a startup incubator along with a decentralized finance system (DeFi) using $EKTA. Once established, there will be ample opportunity to develop and launch more such models within Ekta.

Ekta Real Estate

Ekta Real Estate

Ekta Real Estate is a platform that makes the long, complicated, and expensive processes inherent in the real estate market faster, easier, and more accessible for everyone. Ekta Real Estate provides a decentralized app platform for real estate developers, buyers, and affiliates to conduct business efficiently and with lower costs. It removes banks, brokers, interest rates, and many of the fees found in traditional real estate market through blockchain technology. Similar to how stock market trading apps empowered everyday people to engage with the stock market, the Ekta Real Estate app empowers everyone to participate in the real estate market.

Ekta Real Estate specifically addresses the following issues:

- Notorious illiquidity in traditional real estate where sellers and buyers suffer through arduous processes that takes months to settle
- There's a high barrier to entry for buyers, from the initial capital to the credit score needed, which also makes it difficult to diversify their portfolio
- Sellers and buyers typically deal with high fees and interest rates due to the banks and brokers that are involved in traditional processes
- Sellers and buyers usually deal within their local area or region, limiting their audience and their buying options

Ekta Real Estate addresses these pain points over time by developing blockchain solutions in-line with the phases below.

Development Phases: (for the dates of phases refer to Ekta Real Estate Marketplace Roadmap)

1. Ekta Real Estate Website- Phase 1
2. DREAM Affiliate Program - Phase 1
3. Ekta Real Estate App Launch - Phase 1
4. FREMs Platform (Fractions of Real Estate Management) - Phase 1
5. Ekta Real Estate App Upgrades- Phase 2
6. DREAM Affiliate Program Upgrades - Phase 2
7. Deployment of the app on EktaChain - Phase 3
8. $USE (Ekta's stablecoin) deployment - Phase 3
9. DeFi Lending using RWAs (Real World Assets) as collateral - Phase 4

Onboarding Real Estate Owners and Developers

Traditional processes of selling real estate properties are expensive, time-consuming, inefficient, and outdated. For real estate owners and developers, it can take a minimum of 3-4 months to complete a sale.

On Ekta Real Estate, a seller prepares all of his property documentation before he applies to list. This documentation includes, but not limited to, the following:

- Property Information
- ID Card of Property Owner
- Land Certificate
- Title Deed
- Land and Building Rights Acquisition Fee
- Land and Building Tax Document
- Deed of Establishment and Legal Entity Approval
- Property Income Valuation

Ekta Real Estate will utilize a notary partner and our own team of specialists to review applications from prospective listers to verify the documents and perform thorough due diligence and inspections prior to making a property available for listing. Once a property has been approved, the owner can set a "soft cap" and a "hard cap" based on the real-world value/appraisal of the property.

This due diligence is completed before listing on the marketplace and provides prospective purchasers a clear and transparent report of each asset. This service further reduces the selling time of an owner's property from ~120 days to as soon as 1-2 weeks as long as they have all of their property documentation ready to upload, and greatly reduces costs, fees, paperwork, and other inefficiencies of traditional real estate sales.

Traditional Real Estate Purchasing Processes

For real estate buyers, there are many processes to go through in traditional real estate markets.

1. Search for a suitable asset on a number of platforms based on needs and wants
2. View & inspect the property, sometimes requiring 3rd party inspectors/auditors
3. Complete credit check, secure mortgage pre-approval
4. Negotiate pricing
5. Produce dozens of documents, secure loan approval
6. Arrange additional final inspections
7. Renegotiation
8. Sign, notarize & exchange paper contracts
9. Make deposit
10. Prepare for settlement
11. Organize insurance
12. Final walkthrough
13. Settlement with bank/lender, agents, buyer/seller
14. Adhere to complex tax compliance regulations
15. Manage the property as a rental/hire a manager or utilize an expensive service like Airbnb

Through Ekta Real Estate's solutions, these processes can be eliminated altogether or streamlined to reduce the time and effort it takes to complete a purchase.

Fractions of Real Estate Management (FREM)

FREMs are an innovative way to offer buyers access into real estate market. Purchase of a FREM gives the buyer a seat in a property management decentralized autonomous organization (DAO) where you earn a portion of the revenue generated from the property through the management services you provide for the property. Your work will involve simple voting on minor and major decisions related to the management of the property.

A unique management DAO is created for each property listed on the fractional management section of the Ekta Real Estate marketplace. Each holder of a FREM is responsible to take part in management decisions for the property.

For buyers, the user experience on the Ekta Real Estate app is familiar and simple after they go through a standard KYC process.

1. Easily search the Ekta Real Estate Marketplace app via desktop or mobile to choose a suitable property you are interested in. Review cost, rental history, earning options, photos and videos, terms and conditions, and real-world documentation all tracked and recorded on the blockchain.
2. Choose your preferred currency and purchase your stake in seconds with extremely low fees and fast transaction times.
3. Rewards are paid out regularly, determined per project, and specified in the description.
4. Earnings are paid out periodically, determined per project, and as specified in the description of the listing
5. Earnings are paid based on total net profit from all revenue sources of the property due to the management work you've put into the DAO.
6. Earnings include the calculation of on-chain transactions, off-chain revenue and fiat transactions that the property generates.

In addition on the FREM marketplace, anytime the FREM is bought or sold on the secondary marketplace, the originator of the FREM earns a royalty on each transaction.

Entire Property Marketplace

In addition to the fractional management marketplace, Ekta Real Estate will also offer a platform for real estate owners to sell to an individual single-purchase buyer. This allows the transaction to happen almost immediately without the need for banks and brokers, and incur up to 50% less closing fees for both the seller and buyer.

Roadmap

Through a carefully sequenced rollout strategy, and with the full power and support of EktaChain and its partners, Ekta Real Estate envisions a future where people from every walk of life can buy and sell fractions of real estate management with ease at a significantly lower cost than traditional models. The development of Ekta Real Estate will occur in phases, with the objective of onboarding the maximum number of users and assets until on-chain activity is robust enough to successfully expand to new divisions and markets.

1. **Phase 1:** Launch of the Ekta Real Estate website
    1. Objective: to collect expressions of interest, answer questions about the app and the revolutionary way we are changing the real estate game, and to educate buyers, property developers, and those wanting to join our affiliate program called the DREAM (digital real estate affiliate model) with all the materials necessary to enter our app and ecosystem with confidence
        1. **Timeline:** Q1 2023
2. **Phase 1**: The DREAM (digital real estate affiliate model) affiliate program is activated
    1. **Objective**: onboard and educate people from all walks of life to become affiliates for our app and reap benefits in the way of rewards when people make purchases on the ERE app. This includes influencers, traditional real estate agents, and everyday people without affecting their "day jobs". To give these people the tools necessary to promote our platform and its inner workings to instill confidence in the community they are communicating with
    2. **Timeline**: Q1 2023
3. **Phase 1:** Launch of the Ekta Academy
    1. **Objective:** To educate the masses. This academy will contain easy to follow lessons and definitions about crypto, real estate, investing and the necessary information to be an educated DREAM affiliate (DREAMer)
        1. **Timeline:** Q1 2023
4. **Phase 1:** Launch of the Ekta Real Estate app for mobile and browser
    1. **Objective:** Launch an easy to use app with a familiar interface and user experience to onboard developers, buyers, and affiliates and give them the tools necessary to release properties into the market, enable everyday people to buy into the real estate industry, and allow them to share the app and its properties with their networks for an affiliate reward. The app will first launch on Ethereum to take advantage of the liquidity available, user base, and security inherent on an established chain like Ethereum. Ekta Real Estate will launch on EktaChain later in the year.
    2. **Timeline:** Q2 2023
5. **Phase 1**: First Real Estate Assets launch and first major developers join
    1. **Objective**: Integrate early adopters into our flagship division of Ekta, list genesis FREM offerings, create a viable use-case driven market; evaluate the launch and make improvements to any inefficiencies
    2. **Timeline**: Q2 2023
6. **Phase 1**: Licensing Partners in other regions in the world
    1. **Objective**: In order to scale faster, we are offering licensing options to major real estate developers and real estate groups and associations that can own and manage their own country or region in the world. They will onboard their own projects, district partners and project partners.
    2. **Timeline**: Q2 2023
7. **Phase 2:** Implement upgrades to the Ekta Real Estate app and the DREAM affiliate program
    1. **Objective:** Realize any improvements needed in the app and upgrade them to meet the needs of its users. There are also improvements already scheduled to improve functionality of the app to keep it on the cutting edge of the RWA industry by keeping the technology relevant and ahead of any competition. As well as making the app more available for an even wider group of users. The DREAM program has more benefits planned and improvements to its user interface, these will be implemented as the app is upgraded. We want the UI/UX for DREAMers to be revolutionary and a familiar, easy to use system for all those that wish to be involved.
    2. **Timeline:** Q2 2023
8. **Phase 3:** Launch of the Ekta Real Estate app on EktaChain
    1. **Objective:** To integrate the app on EktaChain to be able to use our native token, $EKTA, stable coins that we house, and utilize other chains to bridge over to EktaChain for purchases on the app. $EKTA will be used as gas fees and offered as rewards when we launch Ekta Real Estate marketplace on EktaChain. Other bonuses for utilizing $EKTA will also be offered once the app is launched on our layer 1 blockchain
    2. Timeline: Q4 2023
9. **Phase 3**: Launch $USE stablecoin + scale partnerships and inventory
    1. **Objective**: large scale offering of assets available to the marketplace to drive mass adoption + stablecoin deployment to attract new real-world partners
    2. **Timeline**: Q1 2024
10. **Phase 4**: The DeFi lending platform will be made available on EktaChain
    1. **Objective**: To offer a DeFi lending solution for buyers to be able to grow their portfolios exponentially by using their RWAs as collateral. Our goal is circumvent traditional finance mechanisms to be able to offer an easier, more affordable and accessible solution for everyone. We aim to eliminate the potential for losing your RWAs during difficult times or defaults. We also aim to create more stable solutions for those that are providing the funding for the platform by utilizing the blockchain and smart contracts, to secure the RWAs while they are being borrowed against. We will eliminate over-leveraging, unnecessary fees, broker fees, traditional lending fees, and wait times usually found in the traditional financial systems.
    2. **Timeline**: Q2 2024

Strategic Partnerships

Ekta believes that we are only as strong as our weakest partner, and strive to thoroughly vet and onboard only the best operators in every vertical that Ekta Real Estate touches; successful strategic partnerships are critical to achieving our targets. Working with established brands helps us achieve multiple objectives at once: integrate users in large numbers into the Ekta network, grow our reach quicker, and offer the most desirable and largest range of asset options to purchasers and users.

Fee Schedule: Buyers

Buyers on the Ekta Real Estate app will pay zero fees to the platform or to the property developers. Typically in a real estate transaction, buyers need to pay fees to agents, financial institutions, brokers, and any other intermediary or processes that insert themselves into the buying process.

Ekta Real Estate aims to give users, asset owners, and service providers the freedom to choose how to transact, with fiat, traditional banking, and crypto currencies. Fees will be charged for onboarding fiat by the partners that we use to complete the transaction. We are working with vendors that provide the lowest fees in the market.

Fees Schedule: Property Owners / Developers listing on the app

Sales on the Ekta Real Estate app will have fees taken out of the seller's / developer's revenue that is collected from sales on the marketplace. These fees are used for blockchain and marketplace maintenance, marketing and commissions for the DREAM program, listing on the marketplace, promotion of the property, and handling of all the financial services provided by the platform. In the secondary market, these fees are also used for royalties, which the original owner collects for the life of the property as long as it remains on the platform. Our goal is to keep fees lower than the tradition real estate market for the seller / developer while providing more services all in one place, eliminating a lot of the middlemen involved in the current industry. Fees are also paid by the seller / developer during the onboarding process to cover the cost of onboarding properties onto the blockchain and the Ekta Real Estate app.

Property Management

Ekta will only work with established developers that have a long and proven track record of managing a turnkey operation with no need for purchaser intervention. All partners will be thoroughly vetted to ensure minimal downtime, calendar/booking management, repairs and maintenance, utilities, and other financial, legal, or professional obligations are met in-line with Ekta's standards.

Financial Audit

For total transparency, a third party firm will audit each listed asset's financial reporting every year, to ensure that reporting and forecasting are always accurate and based on current real-world data. The value of the property itself will also be re-evaluated each year, at a minimum, to ensure price appreciation is documented and provided to the user base to ensure the value of each FREM and RWA is represented accurately in the platform. Purchasers will have total confidence knowing that their stakes in real world assets are truly worth their advertised price while being distributed the correct rewards, while the value of the property based on price appreciation is represented.

5 Ekta NFT Marketplace

Ekta NFT Marketplace

The Vision
Non-fungible tokens (NFTs) are unique blockchain items that have the right to blockchain management. Some good examples of NFTs include the ownership records of collections, in-game items, digital arts, event tickets, domain names, and even physical assets. In the world of Ekta, NFTs may represent memberships, access to services, rights to a property, access to a venue, a portion of a company's revenue stream, a charitable contribution, an investment into a startup, a portion of trees in a virgin forest, the right to use yachts, the right to park yachts for a period of time, etc.

The Ekta self-developed NFT Platform or Marketplace is a blockchain-based cross-platform ecosystem for the buying, selling, or sharing of NFTs. The platform aims to provide a unique and novel market for NFT collection and distribution. Ekta's unique differentiation is that all NFTs will be asset-backed, tied to a real-world asset, service, or experience, or have other tangible real-world utility. Ekta will also have fractional ownership through the power of F-NFTs (fractional NFTs).

The Ekta NFT Marketplace is dedicated to creating NFTs and the issuance of NFTs related to physical assets, which is a novel way for NFT creators and the owners of physical assets to connect with consumers and brands through digital collections. The Ekta NFT Marketplace will become a top NFT brand that provides a market for NFT creators and collectors to interact and share exclusive content in a multi-platform environment.

- **Curated Collections:** With focus on the issue that other open marketplaces are subject to scams, a curated marketplace means no collections can be replicated. Each collection is vetted and then uniquely onboarded with their wants and needs as our center of attention.
- **KYC:** All creators will go through our KYC process. No more hiding behind a GIF.
- **No One-Size-Fits-All:** Our pricing, unlike other marketplaces, differs from project to project. The same percentage for real estate tokenization and for a PFP or GIF will not work. We work with each partner to ensure fair pricing, and percentages for creators, are applied to each project.
- **Built-In Fiat Onboarding:** Our marketplace comes equipped with fiat-to-crypto conversion integration so anyone can buy NFTs from our marketplace.
- **Low Gas Fees:** We believe that gas fees should be affordable, making collections more attractive and accessible to more people. Purchasing an NFT for $100 and paying gas fees of $150 will not be a situation that will happen on our NFT marketplace.
- **Real World Assets (RWAs) & Utilities:** We are compatible with real world assets and utilities. As these are the future of NFTs and the blockchain, we are not only equipped for this revolution, but we only offer projects that use RWAs and real world utilities as their main components.
- **Built on EktaChain:** Our marketplace is built on our own Layer 1 blockchain, EktaChain. This is a POA (proof of authority) blockchain. This enables us to assist with onboarding web3 novices, fiat onboarding, and most of all, security. This also gives us the ability to provide the industry with whatever is needed to scale and adjust with the market's landscape.
- **No Coding:** Our NFT Marketplace creators are guided, individually, to create their collection without the need of writing a single line of code. We believe this will allow for mass adoption of NFT creators and allow more opportunities for NFT collectors.

6 Ekta Island Overview

Ekta Island Overview

Ekta Island is a company-owned land asset located 40 nautical miles off the coast of Bali that bridges the physical world to the blockchain. The island is 20 hectares in size with over 2km of pristine white sand beach and 46 hectares of ocean under its control. The island is owned “freehold” meaning the deed to the asset is wholly owned, free and clear with zero debt or liens. Ekta’s parent company also secured the rights to an extremely valuable 285 berth yacht marina license for the site, which is 1 of 20 licenses that the Indonesian government has issued nationwide. As a tourism focused nation that is making a push to become the future yachting capital of the world, Indonesia has entrusted Ekta Island to be a catalyst for industry growth.

Ekta island will resemble a micronation. Ekta Island’s foundation is based on the three pillars of the EktaChain: Ekta NFT Marketplace, HyBex (Ekta’s Hybrid Exchange), and MetaTrees. Members, token holders, and guests on the island will be able to use their wallets to purchase and trade for goods and services on the island. Ekta island will also have an augmented reality game on land and a virtual reality feature to allow people not on the island to experience Ekta Island in real time from anywhere in the world. Ekta island will be a test site for using the Ekta Portal nodes to allow decentralization, edge computing and IoT on the island. A mesh network will be deployed through Ekta Portal nodes.

Ekta Island is currently being developed into a full scale, sustainable blockchain-centric community with a comprehensive site plan designed for tourists and digital nomads, centered around 81 luxury villas, a 385 unit capsule pod hotel built using 3D printing with sustainable and recycled materials, and a a 285 berth state-of-the-art yacht marina, with all the amenities that tourists and digital nomads have come to expect in supersized real estate developments across the retail, dining, health & wellness, events & weddings, conferences, recreation, entertainment, nightlife, and education segments. The island will host its Ekta community members for special events, and open its doors to other protocols and web3 enthusiasts that would like to be part of Ekta Island’s infrastructure through a variety of means. Lastly, Ekta Island will play host to the MetaTrees forest and conservation project, which bridges the MetaTrees play-to-earn game to the real world and rewards users for offsetting carbon emissions by planting trees.

Connection to Blockchain (EktaChain)

The entire island is a master planned development that will effectively be fractionalized and sold to purchasers as fractionalized NFTs (F-NFTs) which represent ownership in various aspects of Ekta Island and can be bought, sold, traded, and staked. These F-NFTs can not only appreciate in value, but are interest-bearing assets that reward purchasers with profit sharing rewards, staying rights, automatic whitelist to future Ekta developments and master planned islands, and more. Transferring ownership is easily done from selling the Ekta Island NFT in the Ekta NFT Marketplace. All the metadata is stored in the NFT and transfer of ownership is done on-chain in a fast, inexpensive, and secure manner. The ownership of the NFT is based on which wallet address it is assigned to.

Focus on Environment and Sustainability

The objective of Ekta Island is to create a vibrant blockchain-centric community that operates with net zero emissions or even creates a carbon surplus, while using sustainable, recyclable materials, such as ocean plastic waste, and 3D printing when available. The capsule hotel, which will host up to 770 guests, will be built almost entirely using 3D printing and sustainable materials. Transportation around the island will be electric powered in various forms, and alternative renewable energy, such as solar panels and vegetable waste energy, will be utilized in every available scenario through all aspects of the island. The MetaTrees forest and conservation project, which is a tree planting and carbon offsetting initiative, will amass a large portion of Ekta Island and grow over time. Transportation to Ekta Island will consist mostly of short ferry rides from Bali that carry many guests per trip, eliminating the need for most people to travel by air. Much of the island’s food supply will be sourced from Ekta Island’s local fishing village, fruit and vegetable garden, and local farm to table producers from nearby Bali and Lombok islands. Drinking water will be produced using reverse osmosis soft water systems and reusable Ekta canteen water bottles will be provided, eliminating the need for plastic water bottles–a problem plaguing southeast Asia.

Focus on Community

Ekta Island is already partially inhabited on one side of the island by members of a small local village community. A crucial objective is to integrate the existing community into the Ekta community by offering education, employment, and community engagement opportunities without encroaching on the existing communities land, cultural norms, and religious customs. In addition to offering education programs and high paying employment opportunities, Ekta Island will also create a traditional hawker style market that bridges Ekta’s land and the existing communities land, and allow the locals to sell their goods and services in the market while charging zero rent or commission. Ekta views over-development of developing nations and gentrification as a complex issue and is committed to doing its part to empower the existing local community to improve their lives through new opportunities that were previously impossible for them to attain. Ekta and Ekta Island have the full support and backing of the community and local governments, and have been granted customs clearance personnel from the government to allow international arrivals via maritime transport directly to Ekta Island.

Ekta Island Site Plan

Private Villas

There will be 81 sustainably built luxury villas covering 26,428 sq. Meters (285,000 sq. Feet or 2.6 hectares) ranging from 1 bedroom villas to a one-of-a-kind 8 bedroom villa and event space. Each villa comes fully furnished and includes a private pool and is delivered as a turn-key fractional investment property, including complete management from marketing and booking to maintenance and compliance. Purchasing any size fraction of any villa is truly a turn-key, hands-off purchasing experience with rewards paid in the same manner as Ekta Assets and Ekta Real Estate fractional NFTs (monthly payouts and verifiable on-chain). The only difference between Ekta Assets and Ekta Island is that Ekta Island is wholly owned by Ekta and offers additional ecosystem benefits to both guests and purchasers, while Ekta Assets are owned or operated by third party partners that have been vetted and approved by Ekta’s partnership and compliance teams. Owning a piece of an Ekta Island villa entitles each villa’s unique NFT holders to various benefits depending on purchase amount, including staying rights (free stays), profit sharing and monthly rewards, generous discounts at all of Ekta Island’s retailers, and ongoing benefits throughout the Ekta ecosystem such as guaranteed whitelist to future Ekta real world developments. Fractional shares start at as little as $200 with no limit to how many shares a purchaser can buy (subject to total supply availability).

Capsule Pod Hotel

There will be 385 capsule pods that can sleep a maximum of 2 guests each. The pods, which are 3D printed from recycled materials, are built to be minimalistic with clean and simple furnishings, intelligently designed to maximize space. Every pod will be built into the face of a mountain and each will have an unobstructed ocean view by design. Each pod will have 13 sq. Meters of floor space (140 sq. Feet) with high enough ceilings for tall adults to comfortably stand (minimum 2.5 meters) and share well equipped common bathrooms with other nearby pods. On average, 8 pods will share 80 sq. Meters (861 sq. Feet) of bathroom space with several toilets, showers, and sinks available. The pods are designed with the digital nomad in mind for both short vacations and longer stays, as the nightly price is very affordable for budget travelers. Guests will have access to all the amenities on Ekta Island, as well as a common area, cafe, and co-working space exclusive to guests of the pods. Purchasers of the Ekta Island Pod NFTs will have the same benefit structure as the private villas, but at a fraction of the cost. Fractional shares start at as little as $200 with no limit to how many shares a purchaser can buy (subject to total supply availability).

Yacht Club & Marina

The yacht club and marina is viewed internally at Ekta HQ as the crown jewel of Ekta Island. The central government of Indonesia has always been extremely hesitant at granting yacht marina licenses but has since pivoted—it desires to create a vibrant yachting industry due to its exploding tourism sector and 17,000 beautiful islands—and become the global leader in the industry over the coming decades. Indonesia carefully selects which entities it grants its licenses, allocating very few, thus making each license extremely valuable (there have only been 20 licenses granted across Indonesia, the 4th largest county in the world). A license to own and operate a 285 berth superyacht marina off the coast of Bali, complete with customs clearance for international maritime arrivals, has been unprecedented until Ekta Island secured approval. The marina will be flanked by a state-of-the-art yacht club, designed and operated by one of the premier European brands, and include everything both guests and operators/crew have come to expect. Excluding the yacht club, shipyard, and fueling area, the marina covers 46 hectares of naturally preserved water space.

MetaTrees Forest Treehouses (“MetaTreeHouses”)

The MetaTrees forest and conservation project, which is the core real world initiative of the MetaTrees plant-to-earn game, will also house several treehouses for guests looking for a more rustic experience in the purest, raw natural beauty of Indonesia. The *MetaTreeHouses* will be the most minimalistic and least expensive accommodation available to purchasers and guests, but will still carry the same purchaser and community benefits as the pods and villas at a much smaller scale. *MetaTreeHouses NFTs* can also be earned through MetaTrees gameplay via earning and burning $MTREE tokens. For more information and updates, follow @EktaChain and @Metatrees_Ekta on Twitter.

Beach Club & Nightlife

As a mostly cashless island, Ekta Island plans to license the rights to its beach club and nightlife venue to a highly established operator of a successful hospitality brand that agrees to accept $EKTA (via redeemable NFT vouchers) for payments. By licensing the rights to the venue, $EKTA holders will benefit through cross-branding and payment processing. Larger $EKTA and Ekta Island NFT holders will have additional benefits. There has been interest from some of the top brands in the world, from Bali to Las Vegas and Mykonos, to operate the largest and most marketable hospitality venue on the island, and negotiations are ongoing. For the latest updates on which brand wins the bid, follow @EktaChain on Twitter.

Dining & Bars

Much like the beach club, Ekta will license the rights to the majority of the smaller hospitality venues across the island to proven brands and operators. The cashless payment system will be the same as the beach club and utilize $EKTA prepaid NFT vouchers, which will benefit all $EKTA holders. Ekta is working with industry experts to create an ideal product offering mix to satisfy as many Ektarians as possible. For the latest updates on which brands win the bids, follow @EktaChain on Twitter.

Health & Wellness

Ekta Island will be fitted with a community health and wellness center, including a large gym, full service spa, and plenty of parks and recreation space. For purchasers or guests staying in the villas or pods, access will be unrestricted. For guests to the island on a day trip, payment will be required in the same manner as the other venues on the island, keeping all Ektarians top of mind by requiring Ekta ecosystem participation to have access. For more information on the scale of the development and available amenities, view the attached site map.

Retail

Ekta Island will be fitted with a carefully curated selection of retail stores to ensure that guests and residents don’t need to leave the island for necessities. The shops will include clothing, food and beverage, medical, and more For purchasers or guests staying in the villas or pods, access will be unrestricted. For guests to the island on a day trip, payment will be required in the same manner as the other venues on the island, keeping all Ektarians top of mind by requiring Ekta ecosystem participation to have access. For more information on the scale of the development and available amenities, view the attached site map.

Educational Programs

Ekta Island will create its own non-profit school for both residents of the existing local village and foreigners, focusing on two core disciplines: renewable energy and implementation of other green technologies, and comprehensive blockchain programs to prepare the younger generations for the quickly evolving economic landscape in web3. Entry level programs will have open enrollment and be available for all residents and guests of Ekta Island. There is a glaring need for more education in the space, and a huge demand for skilled workers in web3 with very few qualified candidates globally to fill the growing number of ultra high paying jobs. Ekta sees this as an opportunity to help narrow the wealth gap, especially in a promising, yet still developing, region like southeast Asia. While this segment of Ekta Island is part of phase two of the development, updates will be ongoing and prospective participants should follow Ekta Island’s official channels for announcements on the development of the project, curriculum, and instructors.

Event Spaces

Ekta Island aims to become a highly sought after event center for both blockchain centric conferences (community and brand building, education, and networking), specially curated events (concerts, art, music, and food festivals, etc), weddings, and other conferences and business functions. Ekta Island aims to do this by offering the best facilities, 3rd party event planning, management, and staffing services, and accessibility, with the goal to not only offer clients spectacular events, but increase the value of $EKTA and Ekta Island NFTs to our token holders and community. Ekta Island is open for business to private event promoters who wish to hold events ranging from small and intimate, up to 20,000 guests. All events will undergo stringent vetting and require all necessary licensing and permits depending on the event type and size. Ekta Island will be able to accommodate beachfront, amphitheater, conference room/ballroom, outdoor lawn, and tented events. The vast majority of these events will require further participation in the Ekta ecosystem from event goers, not limited to just payment processing. People or organizations interested in hosting events at Ekta Island should follow Ekta Island’s official channels for continued updates.

Staff Housing

Ekta will provide nearby housing to all Ekta Island staff and workers.

7 Ekta Portal

Ekta Portal

Phase II (*update to the project*)
This is the revamped and upgraded plans for the Portal Project. In keeping with the spirit of transparency in blockchain, we've kept the details for Phase I so that you can see where the project started and where the project has progressed to.

Ekta Portal was meant to be a hardware device, but with the situation surrounding global components sourcing and logistics, we've decided to explore cloud-based options to fulfill the promise of what Portals were designed to be, especially for the benefit of the Portal holding community.

In the meantime, we've been distributing Portal rewards to holders, ensuring that the community is being rewarded for their faith in the product and in us.

We will update Phase II with details when a new solution is confirmed.

Phase I
This was the original project, which has since been upgraded to **Phase II**

Ekta Portal is the world's first fully pre-manufactured endpoint node, built to plug and play ("plug to earn") for individuals with little to no technical background. The device is a small, powerful mini PC that serves as an RPC endpoint that helps communicate and validate data on the EktaChain network.

These endpoints will benefit EktaChain by improving privacy, increasing network uptime, and further decentralizing EktaChain. Portal also benefits the broader appeal of Ekta ecosystem participation by giving its owners automatic whitelist to Ekta's sought after flagship NFT projects that seek to accomplish Ekta's mission of connecting blockchain to the physical world.

Ekta rewards Portal operators for strengthening the network by emitting rewards to Portal operators in the form of $EKTA tokens. By purchasing more Portal NFTs, the owner of the device can immediately earn more rewards. While this technology in of itself is not innovative, and has been used in some form by other blockchains, Ekta is the first to bring an out of the box "plug and earn" device.

The goals of the Ekta Portal initiative are:

1. Reward early adopters to the Ekta community
2. Improve network security, uptime, privacy, and decentralization
3. Give an entryway to web 3 for the crypto curious and less tech savvy individuals
4. Grow the Ekta community globally
5. Raise funds for development and $EKTA buybacks

The Ekta Portal tech specs:

- quad core Cortex-A72 (ARM V8) 64-bit SoC processor at 1.5GHz
- 8GB of memory (LPDDR4-3200)
- 4 USB ports (USB 2.0 and 3.0 supported)
- 2 micro HDMI ports (up to 4kp60 supported)
- USB-C power supply
- touchscreen display

The electricity cost to operate the device 24/7 for 12 months is approximately $8 (USD) per year, based on $0.14 per kWh (the current average price of electricity in the United States and many other countries). Operators and many other countries are likely to pay even less for electricity used by the device. On average, the Ekta Portal consumes 75 times less electricity than comparable node programs that require a desktop PC to operate.

Ekta Portal was conceptualized, developed, configured, and built by some of the brightest minds in web 3, including industry veterans of 10+ years who have made significant contributions to the development of notable projects such as Cosmos (the network of the $ATOM token), Pancake Swap (one of the world's largest decentralized exchanges), and several other successful blockchain projects. The device aims to ship to consumers in Q4 2022.

Using Ekta Portal

Users who participate in securing the Ekta network with Portal can do so by purchasing the Portal NFT (which grants them the physical endpoint node device), connecting their Portal device to an internet connection via wifi, and using the touch screen to connect their wallet which holds their Portal NFT.

As long as the device is receiving power from a standard electrical source and has an internet connection faster than 10 mbps, Portal will function effectively and benefit EktaChain in the aforementioned ways (privacy, uptime, security, decentralization), and the operator of the node will receive continuous $EKTA rewards 24/7.

Operators may purchase more than one Portal NFT and receive the corresponding rewards based on the number of Portal NFTs owned. For example, owning two Portal NFTs will generate double the rewards for the operator while still only using one single device. The same can be extrapolated for a larger number of Portal NFTs owned.

There is no limit within the supply cap (10,000) of how many Portal NFTs an operator can buy, but those purchasing over 100 Portal NFTs may be subject to KYC and larger orders may be subject to executive approval to prevent excessive price volatility (except when purchased on the secondary market via the decentralized Ekta NFT Marketplace).

Ekta Portal Rewards and Emissions

Regardless of how many Portal NFTs have been sold, traded, or previously active, Ekta will emit 10,000 $EKTA tokens per day, executed via smart contract, and distributed proportionally to the current active operators in a given day.

If the devices in operation on a given day host all 10,000 NFTs (regardless if split across 10,000 individual devices or less), then each NFT will generate 1 $EKTA in rewards for that day. If only 1,000 Portal NFTs are being utilized by operating nodes in a given day, then each NFT will generate its owner 10 $EKTA in rewards for that day. If one operator owns 100 Portal NFTs and there are only 1,000 operating across the entire network in a given day, then that operator would earn 1,000 $EKTA for that day.

All network activities including rewards and number of active operators can be verified in real time using the EktaScan block explorer (ektascan.io). A total of 10,000 $EKTA per day will be disbursed as rewards from genesis date for 10 years, or a total of 36,500,000 tokens total. The source of these tokens is primarily from unused staking rewards and a small percentage allocated from the Ekta treasury.

Future Applications on Ekta Portal Device

In early 2023, Ekta plans to upgrade the Portal system by adding peer-to-peer file sharing, EVM chain compatibility, upgrade to serve as ETH PoS nodes, and improved reward structure to offer further incentives driven from P2P file sharing. Ekta will continue to develop Portal further with network security, decentralization, community growth, and rewarding early adopters at the top of mind.

MetaTrees

MetaTrees Executive Summary

This whitepaper introduces MetaTrees, a blockchain game-world where players can earn digital assets while also playing an active role in the preservation of real-world natural resources.

MetaTrees is the first sub-verse of the EktaVerse, Ekta's ecosystem and a unique version of the metaverse. As a product of Ekta, MetaTrees aims to:

- Make blockchain more accessible for the masses
- Unlock financial opportunities for the people who need it most
- Incentivize reforestation and environmental protection initiatives and projects

Through MetaTrees, players can earn a variety of in-game NFTs and tokens with the option to sell, stake, hold, or play. Ekta will also facilitate the planting of real-world trees and award players with verified carbon units (VCUs) when they burn a set amount of tokens, plant and preserve a specified number of trees or reach specific milestones.

MetaTrees Origins

In the beginning, the metaverse was formless and empty. There was no light as you stepped into the vast expanse. You thought, "let there be light", and the empty space lit up. And it was good.

You named it the EktaVerse, and began to create. You started with a single tree, rooted at the center of the EktaVerse, the Genesis Banyan, the tree from which all other trees would source their life.

As you stood in wonder at the foot of this magnificent giant, you remembered the real world where trees were no longer sacred. You remembered the devastations as humans destroyed endless acres of forests, trading the souls of trees for metal and stones. An idea started to take shape in the mists of your mind, "What if your discovery of the EktaVerse could alter the course of the future and help humanity rediscover its place and purpose in the natural world?"

And so you began to fill the hollow emptiness surrounding the Genesis tree with more trees, mirroring the last remaining real-world forests. You added bamboo, banana trees, coconut trees, frangipani trees, mango trees, jackfruit trees, and dragon fruit trees. Each tree was distinct and served its own unique purpose. You noticed that when two trees from different species were cross-bred, they produced new species with their own special characteristics, so you continued to create these trees, filling this new world with wonder.

Soon, MetaTrees took root, leading to a burgeoning of life. All living things started to grow from a foundation of long-forgotten values. Values that could flow back into the real world to reshape our views, societies, and what we hold sacred. You now knew that through the EktaVerse, you could save the natural world and in turn, save humanity's soul too.

Mission and Vision

The Ultimate Question

The narrative around global environmental degradation always leads back to the question; *"Why do people destroy the environment and what can we do to change this behavior?"*

Ekta's goal has always been to create a better world, which is why our team had to analyze this question in depth. In order to initiate change, we need to first identify the root of the problem. We realized that to understand the phenomenon, we had to look at the situation with both scrutiny and empathy. This approach led us to a deeper understanding and new perspective on how blockchain can change our world for the better.

The Problem

According to David Attenborough's documentary and witness statement "Life on our Planet", human impact on the environment has spiraled out of control. Attenborough states that humans log as many as 15 billion trees annually. Other sources reveal that wild fish populations are in steep decline due to overfishing (it's estimated that up to 2.7 trillion fish are caught each year), and experts believe that between 0.01% and 0.1% of all species on earth become extinct each year.

Attenborough goes on to reveal predictions of this impact on the natural world if we continue on our current trajectory:

- **2030** - Continued deforestation of the Amazon rainforest will result in dry savannas, altering global rainfall patterns with devastating effects
- **2050** - As oceans continue to warm, coral reef ecosystems collapse, affecting millions of people who rely on near-shore fish populations for their livelihoods
- **2100** - With the planet being 4° Celsius warmer, large parts of the world will become uninhabitable. This will lead to extreme weather events, overpopulated cities, and the collapse of food supplies.

These are just the symptoms of the problem that have given humanity no choice but to respond.

We believe the real problem is rooted in economic systems that have led us, for generations, to establish values that are not aligned with the natural ecosystems we are dependent on. Ultimately, we need to reset the current economic systems, realign our values, and carve out a path to solve the root issue.

Our Vision: Reconstructing the human social value system

Society's intrinsic values and economic systems determine human behavior.

When people profit from deforestation rather than protecting trees, they will undoubtedly choose to sacrifice forests and natural resources for monetary units. Profit-seeking is the essence of commercial society. Throughout history, people have placed value on commodities that are inessential to human survival such as oil, gold and diamonds, while sacrificing the natural resources we depend on like forests, oceans, and grasslands. Today, people are acutely aware of the threat of climate change, yet even though many have begun to experience the consequences, they continue to destroy our natural world in order to obtain material wealth.

As the human population continues to grow, our natural resources are declining at an alarming rate. It's clear that we need to rethink and redesign our value system, which is why the Ekta team is looking to the blockchain for a solution.

The evolution of blockchain technology and its various functionalities (DeFi, NFT etc.), has created the opportunity for us to reinvent these value systems. With this in mind, Ekta ideated the concept of the EktaVerse.

The Solution - EktaVerse and MetaTrees

MetaTrees, a blockchain game world that connects the virtual world with the real world, is the first sub-verse of the EktaVerse. With MetaTrees, Ekta aims to incentivise environmental protection through tokenization and gamification. By utilizing the play-to-earn model and transforming it into a **PLANT-TO-EARN** model, users can help protect the natural world and earn digital assets while playing.

What is the EktaVerse?

Ekta's ecosystem, called EktaVerse, is yet another way through which Ekta bridges the physical world with the digital world. With the development of the EktaVerse, we're able to provide out-of-the-box solutions to serve as a blueprint for companies who wish to partner with us. The EktaVerse also facilitates projects where Ekta, its partners, and users, can play an active role in creating profit with purpose.

Through MetaTrees, Ekta can initiate real-world change by tokenizing natural assets such as trees and land. Players start by planting, protecting and caring for the virtual trees in the MetaTrees game-world. As players progress in the game, they will start to develop sustainable, organic agriculture and fisheries, build new communities, incubate advanced technology initiatives, and more. By actively playing the game, users can earn digital assets and verified carbon units (VCUs). Every VCU earned symbolizes a one-tonne reduction or removal of carbon dioxide (CO2) from the atmosphere. This is accomplished through Ekta's partnerships with environmental and reforestation projects.

The main focus of the game will be to rethink our societal values, redefine the way we live and restore the natural world to create a society that has a symbiotic relationship with nature. Over time, as the EktaVerse continues to develop, Ekta will gradually unlock new landscapes and worlds like tropical rainforests, snow-capped mountains, grasslands, and more.

What is the MetaTrees sub-verse?

MetaTrees, a forest reserve scene, is the first sub-verse of the EktaVerse and the first creation game. MetaTrees focuses on planting trees and protecting rainforests, allowing Ekta to spearhead and support reforestation projects in the real world. With MetaTrees, each player and community member will help to establish a new economic order where trees serve as the core asset.

How does MetaTrees work?

As part of the EktaVerse, natural capital like trees, indigenous plants, wildlife, and water will be tokenized and represented as NFTs in the MetaTrees game world. We also plan to add mythical creatures to enhance the gameplay and all NFTs will ultimately become rare digital collectibles. As with other play-to-earn games, players earn digital rewards and collectibles which they can convert or sell for fiat currencies. Through the *plant-to-earn* economic mechanism, players will be able to get blockchain asset value growth through planting and preserving trees in the real world. And by developing the EktaVerse on the EktaChain mainnet, we have also been able to greatly reduce the gas fees for all operations.

Every player and community member will be able to jointly build and develop this new micronation through the planting, renting and preservation of trees. Moreover, they will be able to earn rewards as well as hold, pledge, trade, and lend NFTs as well as EktaVerse and sub-verse governance tokens. As the game continues to grow, so will the demand for these digital assets. The NFTs and governance tokens will also become an economic source that supports us in exploring a sustainable, long-term future.

MetaTrees

With MetaTrees, players can experience the unique game world through three (3) different types of game roles:

1. First, as a landlord renting out land for other players to plant their trees,
2. Second, as a natural resource provider, generating water and nutrients that is needed to grow trees,
3. Third, as a forester who grows and breeds trees as well as harvest $MTREE tokens in order to expand and keep the cycle of life going inside the game.

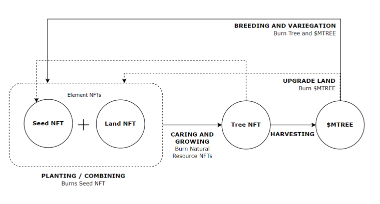
Each role plays a crucial part in the ecosystem and has its own benefits and features. Players can choose the role that best fits their time and play style and become part of the plant-to-earn, play-to-preserve revolution.

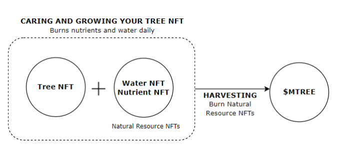
One of the core gameplay features of MetaTrees is for players to use various NFTs which they combine, stake or burn to create new NFTs. Players will create "compounds" in the MetaTrees game world by holding various NFT attributes (for example, Seed NFT + Land NFT = Tree NFT), allowing them to expand the main storyline. This means that players can use a Land NFT and combine it with a Seed NFT to create a Tree NFT. In order for a Tree NFT to grow, players need to care for their trees by watering and feeding them using Natural NFTs like Water NFTs and Nutrient NFTs. However, it doesn't stop there, as a Tree NFT starts to age, it boosts current features and unlocks new features. At a certain point the tree starts producing $MTREE tokens which players can exchange for fiat currencies. Players can also stake Tree NFTs on the blockchain to get more Natural NFTs, allowing them to continue expanding their gamespace. From here, the other features of the Tree NFT allow players to expand and create Seed NFTs for a new generation of Tree NFTs.

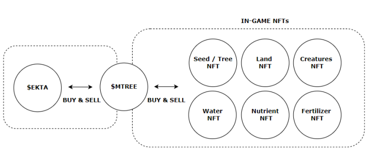
Players will also have the opportunity to donate Tree and Seed NFTs to environmental causes. The NFTs' value will be converted into real-world currency which is then donated to the cause.

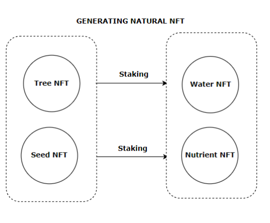
With the emergence of more plots and rarer attribute NFTs, there will be more opportunities to create digital wealth in the game and support reforestation projects in the real world.

Game Mechanism Diagrams









Game Mechanics - Phase I

Collecting

Collecting refers to the accumulation of valuable, unique NFTs earned in the game through upgrades and random generating systems. The value of these tokens is often community-driven and can reach extraordinary prices.

Ekta NFT Marketplace

The Ekta NFT Marketplace allows players to buy or sell Seed NFTs, Land NFTs or Natural NFTs using $EKTA.

There are 4 ways to sell your NFT in the marketplace:

1. **Normal listing:** Players set a price for their NFTs and determine how long it stays on the marketplace.
2. **Bid listing:** One player sets a base price for their NFTs along with selecting a bidding time duration. During this time period, other players can send bids for the listed NFTs. Once the time duration expires, the player with the highest bid wins the item.
3. **Auction listing:** Players can set the price for their NFTs to increase or decrease over time. Once a stipulated price is met, the NFT will remain on the market at the set price. Players can cancel this sale at any given time.
4. **RNG Raffle listing:** First a player sets a price for their NFTs. Next the Ekta NFT Marketplace platform creates 10 raffle slots. Other players will then be able to purchase slots for the chance to win the item for one-tenth (1/10) of the cost. Once all 10 slots have been sold, an automated system will randomly select a winner.
Example: You list a Land NFT for 100 $EKTA. The system divides this into 10 raffle slots available for purchase at 10 $EKTA each. Once all the slots have been sold, Ekta's automated system will select one of these slots as the winner, sending out a notification to all participants.

Land NFT features

Initially, all Land NFTs will have all the necessary areas to play the game. As the main tree grows bigger and starts producing seeds, the need for more land will increase. This is where the land upgrade feature comes into play.

With MetaTrees, no land is complete without a little embellishment. Through events and promotions, players can acquire Fun NFTs which they can use to decorate their piece of paradise. These Fun NFTs range from common, uncommon, to rare in value.

Seed features

There are 7 types of Seed NFTs representing each of the trees in the game with the exception of the Banyan Genesis Tree:

1. Bamboo
2. Banana
3. Coconut
4. Frangipani
5. Dragon Fruit
6. Jackfruit
7. Mango

In order to earn more Seed NFTs, players are required to tend to and care for each tree. Once the tree is fully grown, it will be able to produce seeds which the player can then collect.

Through the breeding feature, players can create new types of hybrid seeds that have special attributes. Hybrid seeds are designed to grow into truly unique and beautiful trees.

Creature NFT features
Initially acquired through the Mystery Chest, these fun type NFTs are used to decorate a player's land to give it more vibrance and life. The quality of these NFTs range from common and uncommon to rare and legendary. The rarer an NFT is, the more animations it will have.

Game Mechanics - Phase II

Staking

Staking refers to the act of locking up NFTs for a set period of time in order to acquire rewards. With MetaTrees, players stake Seed NFTs and Tree NFTs, and in return will earn staking rewards in the form of Natural NFTs (Water NFTs and Nutrient NFTs). This will allow players to \ to engage in trading and commerce inside the game using their asset collection while maintaining ownership of their NFTs.

Note that NFTs can't be used in the game while staked. Players will be able to claim their rewards once the staking period has expired and can use these rewards in the game after a 72 hour cooldown. There is also a corresponding $MTREE fee for each time a player unstakes their Tree NFT or Seed NFT.

Leasing

Players who own land can lease their land to other players in exchange for $MTREE tokens. If a piece of land is large enough to accommodate more than one (1) tree, multiple players can lease the land. Players are required to sign a lease contract stipulating the details of the agreement including the lease fee and duration. Once signed, an automated system will activate, governing the lease.

Note that landowners will not be able to sell or trade their land while the lease agreement is valid.

Planting

In order to own a Tree NFT, players are required to combine a Land NFT with a Seed NFT. Once combined, it will initiate the Tree NFT's sprouting process, effectively burning the Seed NFT.

Growing

Once planted, Seed NFTs go through seven (7) changes as they sprout and begin to grow. Seeds need to be watered (Water NFT) and fed (Nutrient NFT) daily in order to mature. It takes several days for a Seed NFT to fully mature.

As trees grow older, they gain value and become more powerful. All Tree NFTs fully mature after 320 days after which they stop growing altogether.

Tree features

Once a tree matures, it starts to produce $MTREE tokens. To ensure a tree continues to produce a good supply of $MTREE tokens, the player has to maintain the tree's health by watering and feeding it daily. The stronger a tree's health, the more $MTREE tokens it will produce.

During its lifespan, a tree will go through seven (7) life stages:

1. Seed
2. Sprout
3. Sapling
4. Mature
5. Ancient
6. Elderwood
7. Ent

As trees grow older, their power and attributes change, becoming more powerful. Once a tree becomes an Ent, it stops producing $MTREE tokens and seeds.

Harvesting

Harvesting refers to the act of claiming your $MTREE tokens which you can then use for the many other features of the game. Harvesting happens during certain seasons similar to nature.

Breeding

In order to produce interesting and unique seeds and trees, players need to experiment with different breeding combinations. In order to breed, a player will need two (2) mature trees and a number of $MTREE tokens. During the breeding process, the $MTREE tokens and one (1) Tree NFT are burned. In return, the player will receive the chance to produce either a hybrid or a normal seed. Hybrid trees are new, unique trees with higher production output and seeding rates.

Breeding seasons also occur in certain time frames inside the game.

Combining Seed NFTs

Another method of acquiring rare hybrid seeds is through a process called combining. With this feature, two (2) or more seeds can be combined for the chance of producing a hybrid seed. The more seeds a player combines, the higher the chances of producing a hybrid seed.

Seeding

Seeding is an automated process wherein a tree spontaneously creates a seed without the need for breeding. The process is totally random but requires a tree to be in good health. Hybrid trees generally have higher seeding rates than other trees.

Variegation

As trees grow, the MetaTrees processing system randomly creates and assigns unique appearances for each tree. In order to create unusual and remarkable trees, players can apply a powerful Fertilizer NFT to help unlock genetic traits hidden inside each tree. Adding the Fertilizer NFT to the tree will result in cell mutations that change the color, pattern and shape of the leaves.

Players can constantly apply this process to unlock different genetic mutations and discover a wide range of tree aesthetics, the only limit is your imagination.

In-Game Marketplace

The MetaTrees in-game marketplace allows players to buy, sell or trade their in-game assets using $MTREE tokens or SEEDS (in-game currency) . The in-game marketplace has a 5% fee which is deducted from the sale amount.

Game Mechanics - Phase III and IV

Seasonal Features

There will be a simulation of realistic seasonal changes in the MetaTrees sub-verse. Tree NFT features and harvest yields will vary according to the different seasons. Details to be revealed later.

Donation

If users voluntarily burn a Tree NFT they own, Ekta will donate stable coins to environmental protection organizations or to its own conservation efforts.

Carbon Offset

Tree NFTs (including old Ent Tree NFTs) can be donated for a chance to win a certain number of VCUs (Verified Carbon Units).

Online Action Strategy Beta Gameplay

Players will learn about environmental protection and conservation while engaging in awesome gameplay.

Multiplayer Coop

Details to be revealed later.

Tokens and Utilities

$EKTA - Governance Token

The $EKTA token is the native token of EktaChain as well as the ERC-20 token used in the EktaVerse. It will be the main form of currency in the EktaVerse while also granting holders governance voting power. $EKTA can be staked or used to purchase $MTREE tokens. The total supply of $EKTA has been fixed at 420,000,000 tokens.

- Utility: (A) DAO governance

$MTREE - Utility Token

$MTREE tokens are ERC-20 tokens used in MetaTrees gameplay. The $MTREE token is the main form of currency on the platform itself.

There is a maximum supply of 6 billion $MTREE tokens, a number that symbolizes the estimated 6 trillion trees on Earth before human activities started to reduce the numbers. As a result of ungoverned deforestation, it's estimated that less than half the original number of trees survive today.

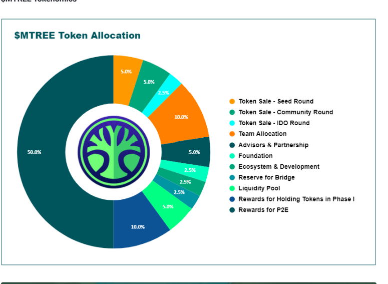
MetaTrees will incorporate our deflationary mechanism to reflect this loss by burning 1 billion tokens immediately upon minting $MTREE.

We will burn another 1 billion $MTREE tokens over time to support the token value and the activities naturally taking place during MetaTrees gameplay. This brings the total supply of $MTREE tokens to 4 billion, which supports our goal of planting 1 million trees through MetaTrees and the overall Ekta mission of tying profit with purpose.

Ekta aims to facilitate a round of private and public sales on the launch of MetaTrees Phase I.

- Source: through (A) harvesting, (B) selling NFTs in the in-game marketplace, (C) purchasing with $EKTA (D) lease payments
- Utility: (A) needed for all in-game actions including Harvesting, Breeding, Variegation, Upgrades, Transfers and Summoning.

$MTREE Tokenomics




Tokenomics

ITEMS	PERCENTAGE	TOKEN AMOUNT
Token Sale - Seed Round	5.000%	200,000,000
Token Sale - Community Round	5.000%	200,000,000
Token Sale - IDO Round	2.500%	100,000,000
Team Allocation	10.000%	400,000,000
Advisors & Partnerships	5.000%	200,000,000
Foundation	2.500%	100,000,000
Ecosystem & Development	2.500%	100,000,000
Reserve for Bridge	2.500%	100,000,000
Liquidity Pool	5.000%	200,000,000
Rewards for Holding Tokens in Phase 1	10.000%	400,000,000
Rewards for P2E	50.000%	2,000,000,000
Max Supply	100.000%	4,000,000,000

Genesis Pack

Genesis Packs are used to sell initial NFTs for MetaTrees. Genesis Packs consist of a combination of Land NFTs and Seed NFTs.

Mystery Chest

A mystery chest is a surprise box that contains various items that are equal to, or greater in value than its price.

MetaTrees mystery chests contain different types of NFTs used in the game. One of the unique items included is a fun cosmetic NFT used to decorate land. This allows players to be creative by adding more character and life to their gameplay.

These Fun NFTs can also be traded and sold in the Ekta and in-game marketplace.

Tree NFTs

● Components: various types of Tree NFTs and various rarities

○ Genesis tree - Banyan Tree (Ficus benghalensis)

○ Bamboo (subfamily Babusoideae)

○ Banana (Musa acuminata)

○ Coconut (Cocos nucifera)

○ Frangipani (Plumeria rubra)

○ Dragon fruit (Hylocereus undatus)

○ Jackfruit (Artocarpus heterophyllus)

○ Mango Tree (Mangifera indica)

● Source: through Planting

● Utility: (A) Collecting, (B) Growing (C) Breeding, (D) Seeding, (E) Feeding, (F) Upgrading, (G) Donating, (H) Staking

Element NFTs

● Components: Seed NFTs and Land NFTs.

● Source:

- Seed NFTs: through (A) Breeding, (B) purchasing Genesis Packs, (C) Seeding, (D) Purchasing with $MTREE via the in-game marketplace, (E) Mystery Chest, (F) Combining, (G) Purchasing with $EKTA via the Ekta marketplace
- Land NFTs: through (A) purchasing Genesis Packs, (B) Mystery Chest, (C) Purchasing with $MTREE via the in-game marketplace, (D) Purchasing with $EKTA via the Ekta marketplace

● Utility: (A) Planting, (B) Leasing (C) Sold to receive $EKTA or $MTREE, (D) Staking (seed only)

Natural NFTs

- Components: Water NFTs, Nutrient NFTs, Fertilizer NFTs
- Source: through (A) Staking, (B) purchasing with $EKTA in the marketplace, (D) Purchasing with $MTREE via the in-game marketplace
- Utility: (A) Growing plants (B) Upgrading trees (C) sold on the marketplace to receive $EKTA or $MTREE

Creature NFTs

- Components: Humans, Animals, Relics, Structures and Mythic creatures
- Source: through (A) Packs and (B) purchasing with $EKTA via the marketplace
- Utility: (A) Cosmetic decorative items placed on land and trees (B) NFT collection of rare and hard to find types (C) sold on the marketplace to receive $EKTA

Technology

EktaChain mainnet

As a sub-verse of the EktaVerse and an original product from Ekta, MetaTrees is powered by the EktaChain mainnet. The Ekta Mainnet is based on Hyperledger Besu technology to allow for the building of secure, high-performance transaction processing in EVM-based networks. By offering blockchain solutions that are easily implemented, EktaChain can significantly improve the performance, efficiency, and employment of business processes.

EktaChain implements Proof of Authority (POA)- QBFT protocols consensus mechanisms and supports enterprise features including privacy and permissioning. Ekta will use QBFT protocols due to its high fault tolerance and since adding blocks is comparatively faster when the number of nodes are large.

Ekta NFT Marketplace

The Ekta self-developed NFT platform or marketplace will be a blockchain-based cross-platform ecosystem for the sharing and selling of NFTs. The platform aims to provide a unique and novel market for NFT collection and distribution.

The Ekta NFT Marketplace is dedicated to creating NFTs and the issuance of NFTs related to physical assets, which is a novel way for NFT creators and the owners of physical assets to connect with consumers and brands through digital collections. The Ekta NFT Marketplace will become a top NFT brand that provides a market for NFT creators and collectors to interact and share exclusive content in a multi-platform environment.

EktaBridge

The EktaBridge is Ekta's superhighway between EktaChain and other mainnets. Through EktaBridge, users are able to bridge to and from EktaChain, Ethereum networks and Binance Smart Chain (BSC). The EktaBridge facilitates interoperability and allows users and developers to easily move tokenized assets (ERC-20, BEP-20, ERC-721, ERC-1155) from EktaChain to EVM compatible based networks and vice versa.

Smart Contracts

ERC-721 | **Official NFT Standard (Web Page)**

The ERC-721 is a standard for NFTs and implements an API for tokens in various Smart Contracts. This means that ERC-721 tokens provide the first set of standards for NFTs. Each token is unique while values can vary despite the tokens being from one specific Smart Contract.

ERC-721 functionalities include:

- transferring tokens between accounts
- viewing the current token balance of an account
- identifying the owner of specific NFTs
- viewing a networks' total available token supply

ERC-721 tokens are created using Solidity, allowing developers to create ERC-721 compliant contracts by simply following the basic template. Once implemented, developers can create each token's unique details such as token name, symbol, and owner. The difference in tokens can be attributed to their age, rarity, etc.

Each of these NFT tokens has a uint256 variable called a token Id. The pair contract address and uint256 token Id must be globally unique for any ERC-721 contract.

A Smart Contract can be called an ERC-721 NFT Contract, Transfer, Approval, or ApprovalForAll when it implements these protocols and functions.

ERC-1155 | **Official NFT Standard (Web Page)**

The ERC-1155 token supports both fungible and non-fungible tokens and was designed to create a number of different NFTs using a single contract. Secure and immune to hacking, these tokens are more efficient and speed up batch transfers. The ERC-1155 token also cuts gas fees by up to 90%, allowing users to efficiently bundle transactions at a more affordable rate. These low rates ultimately help to democratize blockchain minting, creating more opportunities for everyday people to adopt and earn through blockchain technology.

MetaTrees Roadmap

Phase 1

- Tree Soul PFP Mint sale
- Genesis Packs
- Mystery Chest
- Ekta NFT Marketplace
- Creature NFTs

Phase 2

- Game launch
- In-Game marketplace
- Launch of $MTREE token.
- Staking
- Land features: leasing, upgrading, cosmetics, and in-game scape.
- Tree features: planting, growing, aging, feeding, variegation, collecting, seeding, breeding and harvesting
- Natural elements: water and nutrient NFTs

Phase 3

- Carbon offset
- Tree planting in the real world
- Donation of Tree NFTs to save real trees
- Seasons and Weather
- Land map locations
- Real-time strategy beta gameplay

Phase 4

- CrossVerse
- Partnership NFTs
- New ECO partnership projects
- RTS version update
- Multiplayer co-op

9 HYBEX - Hybrid Exchange & DeFi Protocol

Due to current market conditions, and this past year (2022) becoming a year to build out the Ekta ecosystem in a way to have systemic growth for the Ekta holders and supporters, we have suspended the release of the HYBEX exchange until the market can support an exchange as it is outlined below. We still have a vision to release our own exchange in the Ekta ecosystem. We will keep the community, and this whitepaper, updated as things in our ecosystem progress.

HYBEX - Ekta's Hybrid Exchange & DeFi Protocol

Ekta's hybrid exchange, HYBEX, leverages and combines the best features from DEXs and CEXs. This aggregation of features allows HYBEX to provide a safer environment for traders, gives more users access to crypto by accepting fiat payments, and provides a better overall user experience with order books. Initially, HyBex will launch with $EKTA, $MTREE, $USDT, $USDC, $BNB, $USE, and $ETH, but will continue to list tokens, add trading pairs, and add liquidity as deemed necessary and/or voted on.

HYBEX Decentralized Features

1. Non-custodial
2. Liquidity is provided by users
3. Traders do not have to KYC

HYBEX Centralized Features

1. Order books
2. Purchase crypto with credit card
3. Specified projects may require KYC
4. KYB for all participants starting a liquidity pool or project

Ekta's decentralized credit platform allows more people to become lenders. By removing the collateral requirement that prevents so many from becoming lenders, Ekta introduces DeFi lending opportunities to everyday people, not just the privileged class of crypto-savvy purchasers. Through DeFi, both private and public users can access yield generating opportunities governed by fair and transparent principles—granting increased access to capital for all parties.

With Ekta DeFi, lenders can be both public or private with the key difference being that public lenders can lend to anyone, while private lenders are limited to their company, society, or group. Through Ekta's startup incubator platform, institutions and the public have direct access to purchase opportunities that are unambiguous, trustworthy, and fair.

1. The first step is for public corporations to contribute through lenders,
2. Lenders will receive contributions from public corporations and will also be able to make their own funds available to lend,
3. Finally, the public will have access to receive funds from lenders.

Despite the fact that the unorganized lending sector is substantial, its infrastructure isn't sufficient and struggles with bottlenecking. DeFi eliminates these issues by providing specialized infrastructure and networks. This change aims to encourage lenders, cooperative societies, and rural banks to fully utilize existing resources while maximizing their capacity to lend.

How it works

The Ekta lending system is a decentralized loan system based on blockchain. The Ekta Team is working on agreements with corporations, and the whole borrowing process will be jointly completed by the Ekta risk control team, borrowers, $EKTA pledger, and USDT liquidity providers. All the borrowers are in-service employees of partner corporations whose blockchain addresses are KYC authenticated and whose credit is granted by the Ekta risk control team according to their work information. The borrowers will not need to put up any collateral to borrow within their line of credit. $EKTA pledgers stake $EKTA to smart contracts, and USDT liquidity providers provide USDT loans to borrowers according to a certain proportion of the market value of the collateral ($EKTA). The USDT interest paid by borrowers will be shared pro-rata by pledgers, liquidity providers, and the Ekta Team.

Flow

Ekta DeFi presents purchasers and the public with the opportunity to participate in lending pools managed by either Ekta or the lenders themselves. Depending on their staked tokens and reputation, each lender is able to provide loans to customers. Similarly, private lenders can also extend loans to their employees and community within their own governance and risk.

💰 Investor Relations

Investor Relations

What is our fundraising strategy?

Our fundraising strategy is determined per project within the Ekta ecosystem, and falls into one of two categories:

1. Idea & Launch (R&D)
2. Growth & Scale (Marketing & Execution)

I. Idea & Launch Stage

Each new project development within the Ekta ecosystem in the Idea & Launch stage starts within Ekta Labs.

Ekta labs is a team of web 3 specialists with expertise in development, strategy, marketing and community building that is missioned to fast-track projects to the growth & scale stage.

Investors in Ekta Labs enjoy the advantage of early pre-seed pricing, that may result in attractive 2-4x gains before the projects go into IDO or public sale/launch stage and get formally incorporated.

II. Growth and Scale Stage

For established projects in the growth and scale stage, such as EktaChain Network, Participants have two options:

1. Tokenized Investments from $50,000 to $500,000 USD

Investors get a discount on the token market price. Investments can be made in USDC / USDT / USD / & other major fiat currencies & major crypto currencies

2. Equity Investment **starting from** $500.000

Investors become part of the holding company and/or subsidiaries, incorporated in Delaware (USA), and own equity + tokens for liquidity

Who are our ideal investors?

Our first preference is to not only secure capital, but work with investors that have a network of web 2.0/web 3.0 companies, key opinion leaders, and policy makers that Ekta may leverage to accelerate its vision.

Ekta is actively working with and seeking further investment from:

- Crypto Investment Syndicates
- (corporate) Venture capital
- Digital asset management firms
- Web2 investors with a strong track record of success
- Web3 investors with strong industry contacts that Ekta can leverage

What investors do we disqualify?

We prefer not to work with investors that only invest capital. Instead we seek to leverage the network of our investors to grow the company. We do not work with investors who are unwilling to KYC or whose source of funds come without readily available documentation.

Who has invested in Ekta?

Ekta was initially self-funded by its founders and their personal networks with an initial capital injection of $5,000,000 USD.

Endorse NFT

The Endorse NFT collection is an opportunity given to our VCs and community to involve them in the Ekta ecosystem by entitling them to a share of the fees collected in the NFT Marketplace.

$ Ekta Tokenomics

Ekta Tokenomics

Max Supply (EKTA v2): 420,000,000 tokens

Allocation Type	Token Amount	Percentage
Team	56,700,000	13.5%
Advisors	10,500,000	2.5%
Foundation	10,500,000	2.5%
Public Sale	62,000,000	14.8%
Bridge	33,600,000	8%
Staking Reward	84,000,000	20%
Liquidity Pools	25,200,000	6%
Centralized Exchanges	10,500,000	2.5%
Marketing	25,200,000	6%
Partnerships	40,400,000	9.6%
Development	61,400,000	14.6%
Max Supply	**420,000,000**	**100%**

Ekta's deflationary system

- Ekta has a periodic burning schedule. Each project launched on EktaChain will burn $EKTA tokens collected to reduce the supplies of $EKTA according to their specific use cases and keep our token economics deflationary.
- The next major round of burns is scheduled for Q2, 2023. We'll update these tokenomics after the burns are completed.

Details on Ekta's token allocation

- Team - These tokens are allocated to founding and non-founding members of Ekta.
- Advisors - These tokens are allocated to advisors of Ekta.
- Foundation - These tokens will be used for social benefit such as donations to public interest organizations or non-profit organizations.
- Public Sale - These tokens are reserved for the public to purchase.
- Bridge - These tokens are reserved for the cross-chain bridge use.
- Staking Reward - These tokens are reserved for the rewards of staking pools.
- DEX Liquidity Pools - These tokens are reserved for the liquidity pools of decentralized exchanges in which EKTA will list.
- CEX Liquidity Pools - These tokens are reserved for the centralized exchanges in which EKTA will list.
- Marketing - These tokens are reserved for marketing activities.
- Partnerships - These tokens are reserved for business collaborations and partnerships.
- Development - These tokens will be used for the long-term development of the Ekta Ecosystem.

Team & Advisors

Team & Advisors

Berwin Tanco - Ekta CEO and co-founder
Berwin specializes in developing companies and ventures to unlock their true value and potential. After a successful career in the US and China, Berwin started Equilibria Capital, a property development company in Indonesia. Ekta is the result of his background and the 12 years he has spent in Indonesia.

Yog Shrusti - Ekta CSO and co-founder
A leading technopreneur in the Middle East with 25 years of experience in information technology and digital media, Yog brings a unique combination of business acumen, technical know-how, and online strategy to the Ekta team.

Jason Zheng - Ekta CMO and co-founder
For more than a decade, Jason has worked as the head of marketing, PR, or consulted for consumer tech, AI, and SaaS companies. He's the current Chief Marketing Office of Ekta, where his knowledge and experience is combined with his lifelong passion for making an impact on people's lives.

Alex Shapiro - R&D Director
Alex specializes in financial software development, engineering, and delivery. His enthusiasm for problem-solving and challenges is what attracted him to Ekta, where he believes his in-depth understanding of the financial world is a valuable asset to help drive change.

Blake Bevon - VP of ERE & Sales
Blake is a seasoned professional with over 17 years of experience in the fields of construction, start-ups, marketing, and real estate. With a proven track record of success in each of these industries, Blake has a keen understanding of the unique challenges and opportunities that each presents. His creativity, skillset and experience always gets the job done and is committed to driving Ekta's growth and success by leading by example.

Nick Boggs - Operations Manager
For more than 20 years Nick (NFT_Nick) has been in operations management and consulting for a wide variety of financial based companies. Including banking, accounting forensics, and the financing industry. He left the financial sector after realizing their inability to transition and the inevitability of blockchain technology. His passion is bettering people's lives through the blockchain.

Alex Hogan - Project Manager
Alex is a Project Manager with over ten years' experience working on a wide array of projects throughout South-East Asia and Oceania. He is an innovator with a keen eye for detail, advanced problem solving skills and is able to lean on his outside-the-box thinking and long history of delivering time sensitive solutions to help businesses and start-ups succeed in today's hyper paced world.

Nikolay Nikolaev - Head of DevOps and Security
Nikolay has developed an international reputation as an industrious, problem solving, dev ops engineer. With more than 10 years experience in setting up CI and CD pipelines and deployment, he keeps a customer focused agenda. His background and expertise in multiple technical platforms, and passion for security in blockchain tech, brings a welcome mindset inline with Ekta's vision.

Renata Papakon - Product Manager
Renata has experience in product marketing and project management across various industries. Her depth of knowledge rooted in marketing strategy and consumer goods background allows her to connect consumers with a seamless product experience. Combined with her passion for environmental conservation, she is an integral part of Ekta and the MetaTrees team.

Racheal Boggs - Marketing Manager
Racheal is passionate about education. She thrives on structure and schedules, and believes in Ekta's motto of "profit with purpose". With a commitment to making a positive impact on the world, she is dedicated to using her skills and expertise to make a difference in the lives of others.

Alex Jackson - HR Manager
Alex Jackson is a highly motivated self-starter with a background as an HR generalist. His passion for Web 3 has further sparked his interest in strategically empowering leaders and building company culture in a Web 3 remote working environment.

Malindi Strydom - Copywriter
Malindi has an extensive background in marketing, copy, and content writing for fast-growing global brands. Her years of content creation and digital marketing experience make her a valuable addition to the Ekta team.

Amanda Knippel - Customer Support Manager
Amanda is a customer support specialist with over 5 years of experience working in tech. She strives to continuously improve the customer experience by swiftly addressing any issues that arise, as well as anticipate the potential needs of our Ekta community.

Riki Satria - Creative Director
Riki is a content creation and social media expert with over 8 years of experience. With a wealth of knowledge and expertise in influencer marketing, Riki helps clients achieve their goals and drive real results. Riki is passionate about the future of blockchain and is a valuable asset to the Ekta team. Based in Bali

John Lee (Strategic Advisor)
John Lee is a long time video games executive with C-level positions at ESL (exit to Modern Times Group), Zenimax Media Ltd (exit to Microsoft) and Gigamedia (NASDAQ: GIGM). Beginning in 2018, John began to invest heavily at the intersection of games and blockchain, which has led to a diverse portfolio of leading DeFi game companies, metaverses and NFTs.

Rich Robinson (Strategic Advisor)
As a Clinical Professor of Entrepreneurship at Peking University's Guanghua Int'l MBA program, Rich brings extensive knowledge to the MetaTrees team. As an entrepreneur-in-residence at Animoca Brands, he helps empower users to leverage digital assets and earn through blockchain games and the metaverses with a focus on play-to-earn.

Shannon Chang (Strategic Advisor)
Shannon Chang is a game industry executive with over a decade of experience in tech: adtech, digital communities and marketplaces, game development, and game publishing. She is an investor in seed and Series A tech startups and creates strategic value, builds teams, and drives growth for her portfolio companies.

Steven M. Mihaly (Strategic Advisor)
Steven is an entrepreneur by trade, gamer at heart. He brings a wealth of professional experience leading, supporting, and building plans, projects, and people to MetaTrees. As a gamer at heart, and walking proof of the life transforming possibilities with play-to-earn, Steven aspires to be a facilitator of every success journey within this sphere- A leader, a guide, a comrade, a supporter, and friend.

Legal & Liability Disclaimer

Legal & Liability Disclaimer

This section illustrates legal and risk disclaimers concerning the Project, including the Ekta Tokens. Please read it carefully.

This section is not intended to be exhaustive and does not constitute investment or other advice. Prospective purchasers should make their own independent evaluation of all risk factors and should read the detailed information set out elsewhere in this White Paper. Other risks and uncertainties unknown to the Ekta or considered insignificant at this time could equally have a material adverse effect on the business, operations, financial conditions, or prospects of the Ekta.

Authorization by Ekta

No person is authorized to provide any information or to make any representation not included in this White Paper, and any information or representation not contained herein must not be relied upon as having been authorized by the Ekta.

Lack of operating history of Ekta

Ekta is a newly formed entity and has a little operating history or track record that could be used (on its own) to evaluate its ability to deliver the Project.

No offer of securities or registration

The White paper does not constitute a prospectus or offer document of any sort and is not intended to constitute an offer of securities or a solicitation for investment in securities in any jurisdiction. No person is bound to enter into any contract or binding legal commitment, and no cryptocurrency or other forms of payment are to be accepted on the basis of the White paper.

Incomplete information regarding the Project

You will not have full access to all of the information relevant to Ekta and the Project. Ekta is not required to update you on the progress of the Project.

Changes to the Project

Various features of the Project, including its terms and conditions, fees, structure, purpose, consensus protocol, algorithm, source codes, infrastructure design, and other technical specifications and parameters, may be updated and changed from time to time without notice.

Further, Ekta may encounter difficulties during the development of the products, including financial, resourcing, and technical difficulties. These difficulties are unpredictable and may be unresolvable and compromise the overall development of the Project. Development of the Project may therefore fail, terminate, or be delayed at any time for any reason. Particular features of the Project may never be realized. Such failure, termination, or delay is likely to reduce and may completely obliterate any existing utility that Tokens may hold.

Potential for misuse of the Project

Services that may be banned, restricted in certain jurisdictions may potentially use the Project. As a result, governmental authorities or regulators may take action against the Project. This may deter users from using the Project or may involve the complete shutdown of the Project.

Possible migration of the Ekta Tokens

EktaChain is a blockchain mainnet and the core product of Ekta. However, Ekta reserves the right to migrate the Ekta Tokens to another protocol and to generate replacement Tokens on the new protocol in the future, should Ekta determine, in its sole discretion, that doing so is necessary or useful to the operations of Ekta. Should Ekta decide to migrate the Ekta Tokens, Ekta may no longer provide support for the pre-existing tokens or any other operational matters, except with respect to the migration process.

No assets, property, governance, or security right underlying Ekta Tokens

In particular, the Ekta Tokens do not represent or constitute any intellectual property rights, ownership rights or stake, shares or security, membership right or equivalent rights nor any right to receive future revenues, shares, or any other form of participation or governance rights in or relating to the Ekta. Nothing underpins the value of Ekta Tokens other than the prospect of the Project's access, usage, and functionality.

Accordingly, subject to other written arrangements to the contrary, all decisions involving the Project will be made by Ekta, including decisions to discontinue the Project. These decisions could adversely affect the Project and the utility of any Ekta Tokens that you hold.

Due to the no security right, Ekta Tokens are not to be construed, interpreted, classified, or treated as debentures, stocks or shares issued by any person or entity, rights, options or derivatives in respect of such debentures, stocks or shares, rights under a contract for differences or under any other contract the purpose or pretended purpose of which is to secure a profit or avoid a loss, units in a collective investment scheme, structured products, units in a business trust, derivatives of units in a business trust.

Volatility of cryptocurrencies, other digital assets, and fiat currencies

Ekta may hold the proceeds in cryptocurrencies, other digital assets or fiat currencies, or a combination of any of them. The value of these fiat currencies and digital assets may fluctuate significantly over a short period of time as a result of market dynamics, regulatory actions and changes, technical advancements, exchange availability, and broader economic and political factors. This volatility is likely to impact the funding that is available for developing the Project and may affect the utility of the Ekta Tokens.

Legal status of Ekta Token and Project is untested

The laws of various jurisdictions may apply to Ekta Tokens and the Project. The application of these laws and regulations to Ekta Tokens and the Project is, in many cases, largely untested, and is subject to change without notice. In particular, any current governmental or regulatory tolerance of cryptographic tokens or cryptocurrencies can change rapidly, and Ekta Tokens may at any time be deemed to be a security, investment, asset, or money by governmental authorities or regulators.

Ekta may receive formal or informal queries, notices, requests, or warnings by governmental authorities and regulators. Action may be taken by governmental authorities and regulators against Ekta or the Project.

Tax treatment and accounting

Ekta, purchaser, and transactions in relation to the Ekta Tokens and/or the Project may be subject to the tax laws and regulations in any applicable jurisdictions. The tax treatment and accounting of transactions in relation to the Ekta Tokens and/or the Project are uncertain and a largely untested area of law and practice that is subject to prospective and retroactive changes without notice. Tax treatment of cryptographic tokens and cryptocurrencies may vary amongst jurisdictions.

Purchasing Ekta Tokens or the use of the Project as a result of or in connection with any purchase, grant, delivery, exercise, vesting, distribution, activation, holding, use, appreciation, conversion, sale, exchange, redemption, assignment, transfer, disposal, may attract certain tax implications either now or in the future. Ekta may receive formal or informal queries, notices, requests, or summons from tax authorities and, as a result, Ekta may be required to furnish certain information about the Ekta Token sale and/or the Project. You must seek independent professional advice on the tax implications in relation to Ekta Tokens, use of the Project and/or any other transactions for your particular situation.

Reliance on the Internet

Ekta Tokens and the Project rely heavily on the internet. However, the public nature of the internet means that either parts of the internet or the entire internet may be unreliable or unavailable at any given time. Further, interruption, delay, corruption, loss of data, or the loss of confidentiality in the transmission of data, may occur when transmitting data via the internet.

Reliance on Blockchain Platform

The Ekta Token Holder needs to have a sufficient understanding of the functionality, usage, storage, transmission mechanisms, and other material properties of cryptographic assets, wallets, and other token/asset storage mechanisms, public and private key administration, blockchain technology, and blockchain-based software systems. Ekta Token Holders understand, recognize and acknowledge that such understanding allows the Ekta Token Holder to appreciate the implications and risks of purchasing Ekta Tokens.

The Ekta Token Holder understands and accepts the risk that the smart contract system concept, the underlying software application, the software platform, and ecosystem architecture are at an early developmental stage and yet to be proven. There are no warranties or guarantees that the process for creating Ekta Token will be uninterrupted or error-free and there is an inherent risk that the software could hold weaknesses, vulnerabilities, or bugs causing, inter alia, the complete loss of the contributed value and/or Ekta Token.

The Ekta Token Holder understands and accepts that blockchain technology allows new forms of interaction. There is a possibility that certain jurisdictions will apply existing regulations, or introduce new laws addressing blockchain-based applications, which may be contrary to the current setup of the terms and conditions of Ekta Tokens and Ekta Tokens themselves and which may, inter alia, result in principal alterations of the smart contract system and/or the protocol, including its termination and the loss of Ekta Token for the Ekta Token Holder.

Blockchain technology is experimental and risks arising from this reliance include (but are not limited to):

A. the existence of technical flaws in such a blockchain platform;

B. targeting of such a blockchain platform by malicious persons;

C. changes in such a blockchain platform’s consensus protocol or algorithms;

D. decreased community or miner support for such a blockchain platform;

E. the existence or development of competing networks and platforms;

F. the existence or development of forked versions of such a blockchain platform;

G. flaws in the Solidity scripting language;

H. disputes between such blockchain platform developers, miners and/or users; and

I. regulatory action against such blockchain platform developers, miners and/or users.

Source code changes and flaws

The various source codes used in the Ekta Token and the Project are subject to change and may at any time contain one or more defects, weaknesses, inconsistencies, errors, or bugs.

No anonymity

Holding and transfer of Ekta Tokens and use of the Project (if and when developed) will not be anonymous. Your address and such participation will be recorded on a permissionless blockchain.

Loss of private key is permanent and irreversible

You alone are responsible for securing your private key. Losing control of your private key will permanently and irreversibly deny you access to your Ekta Tokens. Neither Ekta nor any other person will be able to retrieve or protect your Ekta Tokens. Once lost, you will not be able to transfer your Ekta Tokens to any other address or wallet. You will not be able to realize any value or utility that the Token may hold now or in the future.

Targeting of Ekta Tokens, the Project, and Ekta by malicious persons

Ekta Tokens, the Project, and Ekta may be targeted by malicious persons who may attempt to steal Ekta Tokens or the proceeds, or otherwise intervene in the Ekta Token sale, the Project, or Ekta. Ekta Tokens and the Project may also be vulnerable to exploitation of vulnerabilities in smart contracts and other code, as well as to human error. This could result in significant loss and/or other impacts that may materially affect your interests.

Targeting of You by malicious persons

Malicious entities may target you in an attempt to steal any Ekta Tokens or cryptocurrencies that you may hold or to claim any Ekta Tokens that you may have purchased. This may involve unauthorized access to your digital wallet, your private keys, your cryptocurrency addresses, your email or social media accounts, as well as unauthorized access to your computer, smartphone, and any other devices that you may use.

No liabilities

Ekta or any of the Ekta team is not liable for any indirect, special, incidental, consequential, or other losses of any kind, in tort, contract, or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this Whitepaper or any part thereof by you.

Market and industry information

The Whitepaper may include market and industry information and forecasts that have been obtained from internal surveys, reports, and studies, where appropriate, as well as market research, publicly available information, and industry publications. Such surveys, reports, studies, market research, publicly available information, and publications generally state that the information that they contain has been obtained from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of such included information.

No third party consent

Save for Ekta and its respective directors, executive officers, and employees, no person has provided his or her consent to the inclusion of his or her name and/or other information attributed or perceived to be attributed to such person in connection therewith in this Whitepaper and no representation, warranty or undertaking is or purported to be provided as to the accuracy or completeness of such information by such person and such persons shall not be obliged to provide any updates on the same.

No advice

No information in the Whitepaper will or should be considered to be business, legal, financial, or tax advice regarding Ekta and Ekta Tokens or any possible future token sales.

Restrictions on distribution and dissemination

The distribution or dissemination of the Whitepaper or such part thereof (as the case may be) may be prohibited or restricted by the laws, regulatory requirements, and rules of any jurisdiction. In the case where any restriction applies, you are to inform yourself about, and to observe, any restrictions which are applicable to your possession of the Whitepaper or such part thereof (as the case may be) at your own expense and without liability to Ekta or any of its affiliated entities or any member of the Ekta team.

Compliance with laws

Ekta is open to being audited for compliance and providing transactions open for the public including wallet addresses. The users on Ekta will need to comply with applicable laws and regulations, including but not limited to certain anti-money laundering and terrorist financing measures.

General comment on risks

Purchasing Ekta Tokens involve inherent risks, some of which are set out in this Section of the Whitepaper.

These risks, and additional risks arising either now or in the future, could result in the failure of the Ekta Token transfers, the destruction of Ekta Tokens or the utility of Ekta Tokens, and/or the termination of the development of Ekta.

There is a possibility that the purchase amount may be unrecoverable and/or that the Ekta Tokens may cease to have inherent intrinsic value. You must therefore consider carefully whether the risks set out below, as well as all other applicable risks, are acceptable to you prior to deciding whether to purchase Ekta Tokens.

Many factors, most of which are beyond Ekta's control, will influence the value of Ekta Tokens and the price, if any, at which market participants may be willing to purchase or sell Ekta Tokens in the secondary market. Accordingly, if an Ekta Token Holder sells its Ekta Tokens in the secondary market, it may not be able to obtain a price equal to the principal amount of Ekta Tokens or a price equal to the price that it paid for Ekta Tokens. An investment in Ekta Tokens involves the risk that subsequent changes in relative market performance may adversely affect the value of Ekta Token

You must seek professional advice (legal, taxation, financial, technical. or otherwise) regarding your particular situation before purchasing Ekta Tokens, holding the Ekta Token, or using the Project.

Potential risks:

● blockchain-related risks: the underlying software application and software platform is still in an early development stage and unproven so there is no guarantee that the process for creating Ekta Tokens will be uninterrupted or error-free. There is an inherent risk of weaknesses, vulnerabilities, or bugs of the software causing the complete loss of Ekta Token and of the Project;

● abandonment/lack of success: Ekta may abandon the creation of the Ekta Token and the development of the Project for various reasons, including lack of interest from the public, lack of funding, lack of commercial success or prospects (e.g. caused by competing projects) and legal, tax or regulatory considerations;

● regulatory risks: certain jurisdictions might apply already existing laws and regulations to blockchain technology-based projects or introduce new laws or regulations for this purpose. Newly introduced regulations may differ from the existing setup of the platform. This may cause, inter alia, substantial modifications of the Project or bring to the termination and/or the loss of Ekta Tokens;