

CINDRUM

Blockchain-Based Voxel
Gaming Platform

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01 Summary



Cindrum is a virtual world in the Ethereum blockchain in which users can construct, own, and monetize their digital social experience using Cindrum (CIND), the utility token of the Cindrum Ecosystem. Our vision is to offer an immersive multiuser metaverse where users can interact and collaborate with each other to socialize on the platform without central authority. We aim to revolutionize the existing in-game constructor conundrums by granting complete ownership of the assets created through the constructor to the creators themselves by creating an NFT for each asset and rewarding users for their contributions to the Cindrum community with CIND.

Cindrum sets out to overcome limitations such as centralized ownership and creator rights, and expand the blockchain social networking industry by expediting the application of blockchain technology. Cindrum will pioneer the industry by building a blockchain social media platform where users are able to construct, play, share, collect, and trade without central control, thereby allowing them to fully enjoy secure copyright ownership and earn cryptocurrency in a virtual environment.

02 Background

Metaverse is a portmanteau of 'meta' and 'universe,' meaning a surreal world created by convergence of virtuality and reality. The key point is that it is a virtual world that interacts with the real world at a whole new level. Metaverse is the next evolutionary step following the emergence of the Internet and social media - it changes not only the way in which we connect to the Internet, but also what we connect to. Given such shift in paradigm, a research firm, Strategy Analytics, forecasts that the global market for metaverse will reach 280 billion USD in size by 2025.

The metaverse industry of today has limited, if not none, safeguard for creators, who spend days or even months creating items or assets without financial return, with regard to intellectual property protection or ownership rights.

Moreover, creators have no legal grounds when it comes to claiming their ownership about their creative works. More specifically, if other users or agencies copy, modify, or build upon the original creation, there is no way of telling if a certain work is indeed original or not without a system that identifies and tracks ownership. On top of that, there is the problem of fraud and forgery of records that comes with reliance on fiat currencies and credit cards.

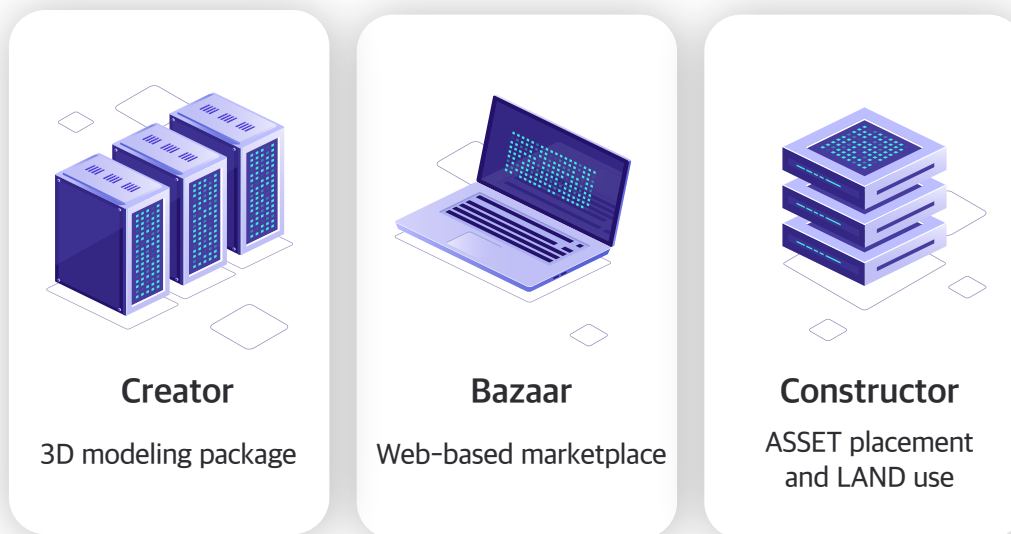
Cindrum Project offers a solution to such problems by establishing a decentralized system for users and creators to build, play, share, and trade, paired with digital infrastructure in which they can earn CIND, and claim verifiable and immutable ownership of their works. In other words, each of the assets created in Cindrum will be assigned to a non-fungible token (NFT), thereby granting true ownership of their assets. NFTs will enable creators to retain copyrights and ownership rights of their creations and securely sell and trade them.

Each transaction within the blockchain-based Cindrum Ecosystem is recorded and verifiable, preventing possible mishaps in transactions. Cindrum goes even further than just securing transactions: for the first time ever, creators can track and witness the value of their assets take off.

In sum, the current immersive social network market presents favorable conditions that offer Cindrum a unique opportunity to exploit on PC/Mac and mobile platforms, as the opportunity to shift power and earning potential into the hands of the users in the growing UGC immersive social networking market will add significant value to their metaverse experience.

03 Cindrum: Main Components

The Cindrum Ecosystem consists of three integrated products that together provide a comprehensive experience for user-generated content (UGC) production.



[3 components of Cindrum]

CREATOR

CREATOR is a simple built-in 3D modeling package that allows users to create and animate 3D items of their own. Some examples of 3D assets include people, animals, foliage, and tools. These creations are ASSETS that can be shelved at the Cindrum Bazaar for sale and used on LAND.

Cindrum Bazaar

Cindrum Bazaar is a web-based marketplace where users can upload, publish, and sell their creations (ASSETS) as ERC-721 and ERC-1155 tokens. This open marketplace for creators and developers will allow for the free trade of ASSETS between platform users. There are additional benefits of Krazy Bazaar, which are the economic principles of supply and demand becoming automatically integrated into the system, allowing the community to determine the fair price of user-generated ASSETS. The true advantage of this marketplace, however, is that creators of such ASSETS can generate tangible real-world revenue from the 3D ASSETS they create.

03 Cindrum: Main Components

a. From C2C to B2C

Retailers and online businesses are increasingly investing in social media as part of their marketing communications practices and attempts to outperform their competitors. In this regard, it is forecasted that the trend toward cyber shopping is likely to intensify with an increased future consumer propensity to engage in online shopping experience.

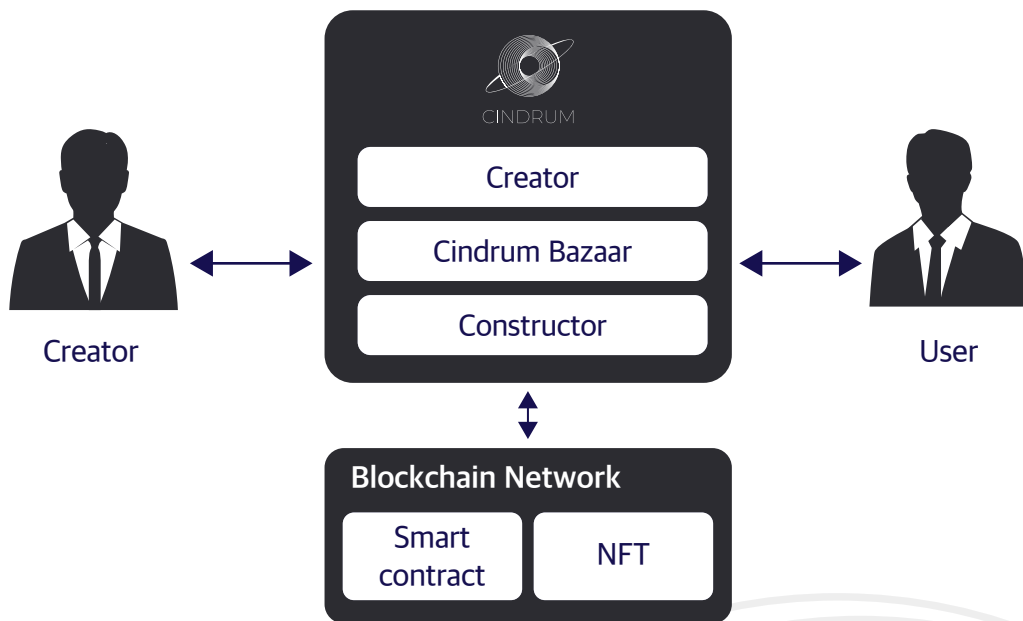
Cindrum Bazaar will initially launch as a C2C sales model marketplace, focusing on customer-to-customer sales. In the beginning, users will be able to display and sell their products in their own booth and make purchases at others' booths at Cindrum Bazaar. With sufficient user base for businesses to take part in the platform, Cindrum Bazaar will host businesses to display and sell their items, thereby implementing a B2C sales model. Department stores and other third-party merchandizers will join in, allowing users to freely enjoy shopping for real items in a virtual marketplace. Purchases on Cindrum Bazaar are valid purchases; users will be able to choose whether to have the items delivered to their door or use a self pick-up service.

Constructor

Anyone who owns ASSETS, either by making them in Creator or purchasing them at Cindrum Bazaar, can utilize them with the third and most important ecosystem component, Constructor. When the Constructor mode is launched, the user will be able to place their ASSETS on the LAND, which is an ERC-721 token. LANDs can also be traded or grouped. What makes it even better is that ASSETS can be assigned predefined visual scripting nodes and be animated. Given LAND and ASSETS and Constructor, users are at liberty to customize what to make of their LAND, thereby rendering the immersive social networking experience an exhibition of imagination and creativity.

04 Cindrum :The Project

4-1 Cindrum Platform



As introduced earlier, the mission of Cindrum Project is to enable users to craft, play, share, and trade in a decentralized system, and coupled with CIND earning capability based on their runtime, ad-viewing, and referrals, users can enjoy secure ownership and copyright of their works. In essence, Cindrum is a user-and-creator-centered ecosystem consisting of a 3D editor (Creator), digital marketplace (Cindrum Bazaar), and Constructor.

The Cindrum Ecosystem offers a unique way to create, assemble, and share 3D models. We empower creators with intuitive, powerful content creation tools. Users can make their own virtual 3D objects, animate them, and publish/sell them in the worldwide marketplace. Creator is our 3D tool that allows anyone to create or import their own virtual assets, work on them, and effortlessly export them to the marketplace.

04 Cindrum :The Project

4-1 Cindrum Platform

At the Cindrum Bazaar, user generated 3D models will be turned into limited ERC-1155 tokens called ASSETs - also referred to as NFTs. ASSETs are virtual tokens for digital scarcity, security and authenticity. They are unique and limited as well as distinct and indivisible. Blockchain allows creators to have true ownership and thanks to this technology we, in our capacity as developers, can finally reward users for their time and the hard work they put into content creation, allowing them to monetize and freely trade their ASSETs.

Our ASSET smart contract allows contents to become the new platform, creating a new paradigm. This is because they offer multiple uses and are not confined to a single platform. This second-layer programmability gives any developer the power to bring a listing and ever-growing value to the ASSETs, which can be shared across games, platforms, and chains.

Cindrum Bazaar is the trading environment for ASSETs, where they can be given away for free or sold to other users. The overall Cindrum Metaverse is a multifaceted ecosystem that tackles preexisting problems of conventional digital platforms by bringing the focus to the users. Users create, users earn, users can socialize, trade, and generate revenue by being an active constituent.

04 Cindrum :The Project

4-2 LAND and ESTATES

LANDs are blockchain-backed virtual tokens (using the ERC-721 standard for NFTs) representing physical parcels of the Cindrum Metaverse. This allows users to own a portion of the Metaverse and thus able to host ASSETs.

Cindrum Metaverse sits on a map of 155,555 LANDs (400 x 400). LANDs are virtual lots of space in the Metaverse owned by users to create and monetize. LANDs are used to publish ASSETs and can be rented to other creators. Every LAND comes with a set of prebuilt terrains, but it can be terraformed and modified by the owner (or other authorized users) to grow plant ASSETs or to showcase their prized NFT collections.

In the future, users will be able to combine LANDs together to form ESTATEs. And then, multiple ESTATEs can be combined to form DISTRICTs.

4-3 Avatar



Avatars are virtual characters in the Cindrum Metaverse. Users can customize their avatars to represent themselves in real life or look like someone they admire. Detailed customization enhances user experience, and paired with life-like animations for movements, it takes immersive social networking to a different level. Avatars can be modified in parts or accessorized using compatible ASSET tokens.

04 Cindrum :The Project

4-4 NFTs

Cindrum Metaverse employs blockchain technology and NFTs to empower the users and creators. NFTs are an emerging segment in the blockchain community. Each NFT is characterized by its distinctiveness and uniqueness, indivisibility, and irreplaceability. Through the use of NFTs, the Cindrum users can enjoy the following benefits:

True Digital Ownership

Creators are the true and perpetual owners of their digital items. With blockchain, every game item can be tokenized, allowing users to decide how they want to trade, sell, or gift their items.

Security and Immutability

Digital items can be easily tokenized and traded in primary and secondary markets that are managed and facilitated by blockchain technology. Items based on scarcity and demand usually face the possibility of fraud and forgery, but these risks are minimized on blockchain because of its distributed ledger.

Trading

Blockchain-based constructor provides users with ultimate control over their digital assets. They can buy and sell items freely without concerns of fraud and theft, or termination of a specific service that nullifies all the value of their platform-specific digital assets.

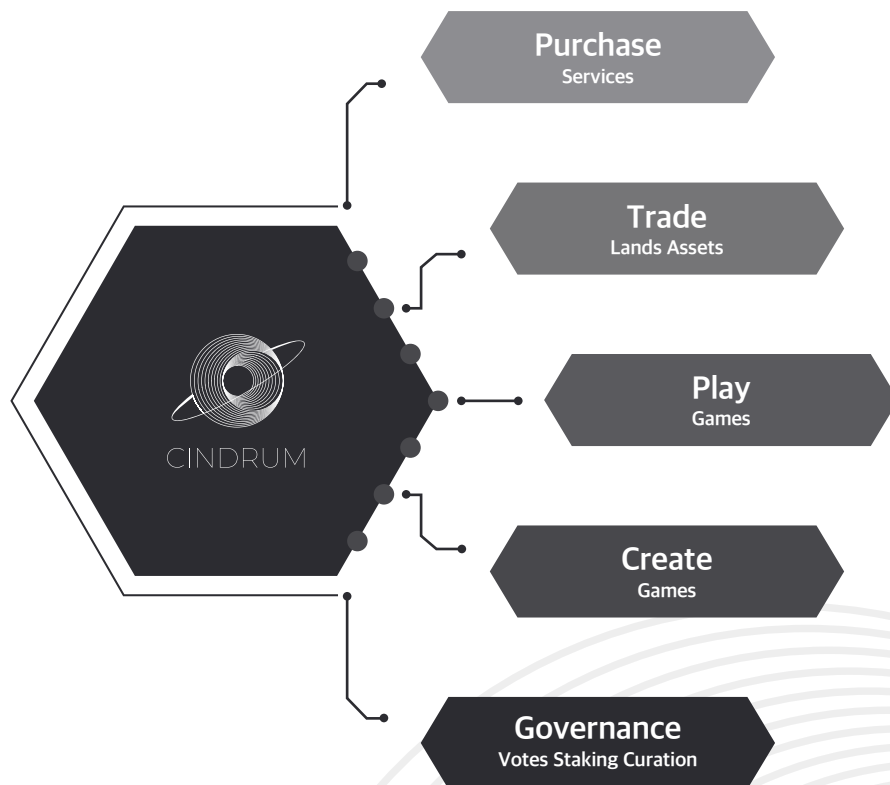
Cross-application Interoperability

Blockchain-based platforms allow digital assets to be compatible on multiple platforms. ASSETs, avatars, LANDs and any other element of Cindrum Metaverse can be used in other platforms that support blockchain-based digital assets. These digital assets are no longer confined to a narrow digital ecosystem.

Cindrum Metaverse takes advantage of multiple tokens to create a circular economy between all the constituents. These are LANDs, ASSETs, and Cindrum (CIND, ERC-20 based token) which takes on the role of the official currency in the Metaverse for purchasing goods and services.

05 CIND – the Cindrum Token

5-1 Cindrum Token Overview



CIND is an essential part of the Cindrum Metaverse, and Cindrum is working on establishing key mechanics on tying CIND to the Cindrum platform and its value. CIND is an ERC-20 utility token built on the Ethereum blockchain that serves as the medium for transactions and linkage that connects the users within the Cindrum Metaverse.

05 CIND – the Cindrum Token

5-1 Cindrum Token Overview

Access to the Cindrum Metaverse

Users spend CIND in order to play access LANDs, buy equipment, or customize their avatar - and can potentially collect CIND through participation. Creators spend CIND to acquire ASSETS, LANDs, and through staking.

Governance

CIND is a governance token that allows holders to participate in governance decisions to the platform, using a DAO (Decentralized Autonomous Organization) structure. They can exercise voting rights on key elements such as Foundation grant attributions to content creators and LAND designers and feature prioritization on the platform Roadmap. CIND owners can vote themselves or delegate voting rights to other constituents of their choice.

Staking

By allowing CIND staking, users are allowed for passive revenues on LANDs, much like earning interest on their savings account. The larger the staking amount, the larger the benefits.

Fee Capture Model

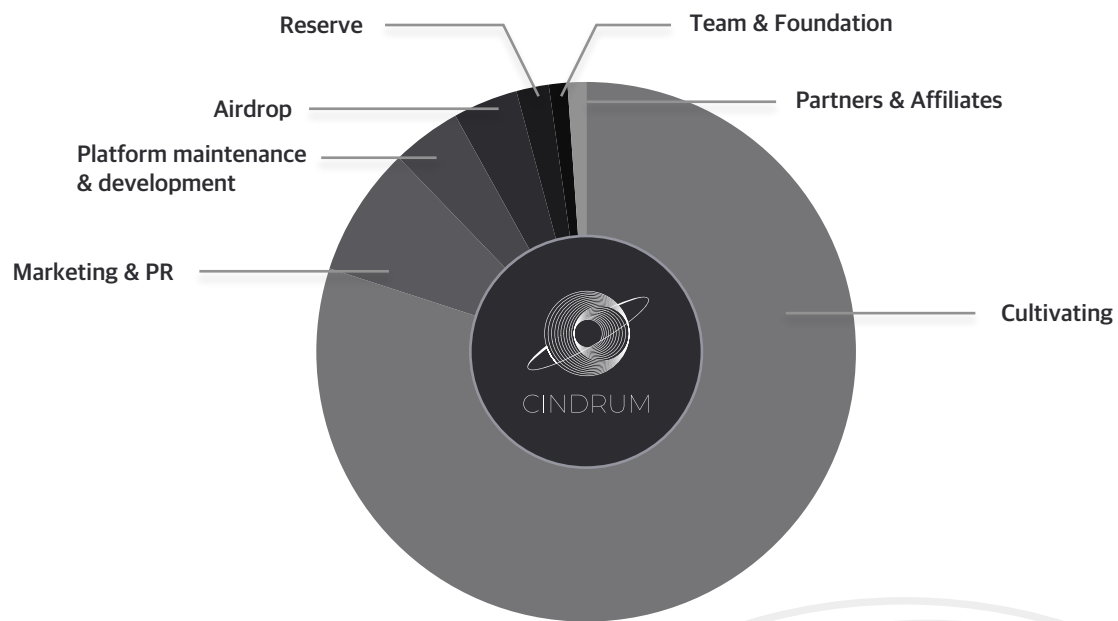
All transactions carried out in CIND incurs 2.5% transaction fee, 50% of which shall be allocated to the Staking Pool and 50% to the Foundation.

Foundation

The role of the Foundation is to support the ecosystem of Cindrum Metaverse, offering grants to incentivize high quality content production on the platform. The overall valuation of the Metaverse grows through the valuation of all contents funded by the Foundation, creating a virtuous circle to enable funding ESTATES and DISTRICTs.

05 CIND – the Cindrum Token

5-2 Cindrum Token Distribution



Token Type: ERC-20

Token Symbol: CIND

Total Supply: 5,000,000,000 CIND

Halving plan: 1 year-period: 4 times

(A total of 5-year cultivating period)

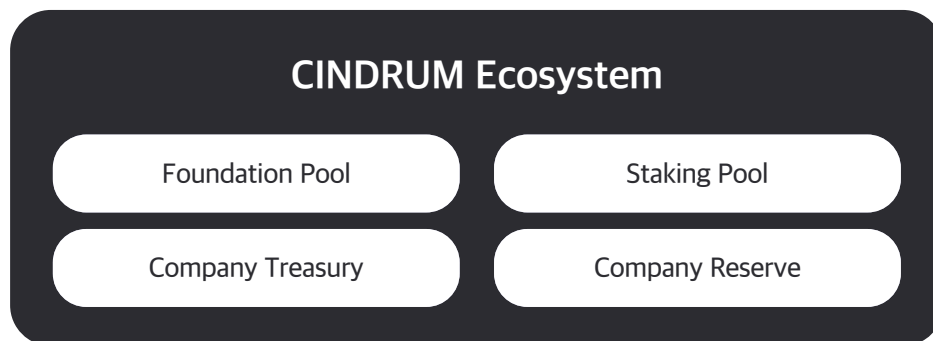
Cultivating method: Proof of Software (PoSW)

- Cultivating (80%): 4,000,000,000 CIND
- Marketing & PR (8%): 400,000,000 CIND
- Platform maintenance & development (4%): 200,000,000 CIND
- Airdrop (4%): 200,000,000 CIND

- Reserve (2%): 100,000,000 CIND
- Team & Foundation (1%): 50,000,000 CIND
- Partners & Affiliates (1%): 50,000,000 CIND

06 Cindrum Ecosystem

6-1 Metaverse Revenue Generation



Cindrum employs four critical components to accumulate value to CIND and ensure the success of the platform. Cindrum uses blockchain smart contracts to support the ecosystem of creators and users, and provide resources for market growth and the development of enhanced Metaverse experience.

Foundation Pool

Foundation Pool is designed so that revenue generated from the Metaverse translates to value accumulation of CIND. The token allocation of the Foundation Pool will be progressively decentralized as we implement a DAO/Community driven model for the benefit of the token ecosystem.

Staking Pool

Staking Pool is designed to ensure yield and value to staking token holders. Its governance will migrate from a centralized decision on year 1 towards a DAO mechanism in the coming years. Staking token holders, who are at the same time constituents of Cindrum Metaverse, will generate extra income from their activities on the platform.

Company Treasury

Company Treasury represents the amount of CIND owned by the company. This amount is equivalent to the sales of company owned assets with a 12-month lock-up. CIND generated from the Treasury can be released to the market to pay for operational expenses. The purpose of the Treasury is to oversee CIND flow within the platform.

Company Reserve

20% of total CIND supply is deposited to the Company Reserve. This Reserve will be supplemented with the proceeds of sales of company owned assets with a 6-month lock-up. The purpose of the Reserve is to manage CIND supply to maintain a sustainable Cindrum Ecosystem.

06 Cindrum Ecosystem

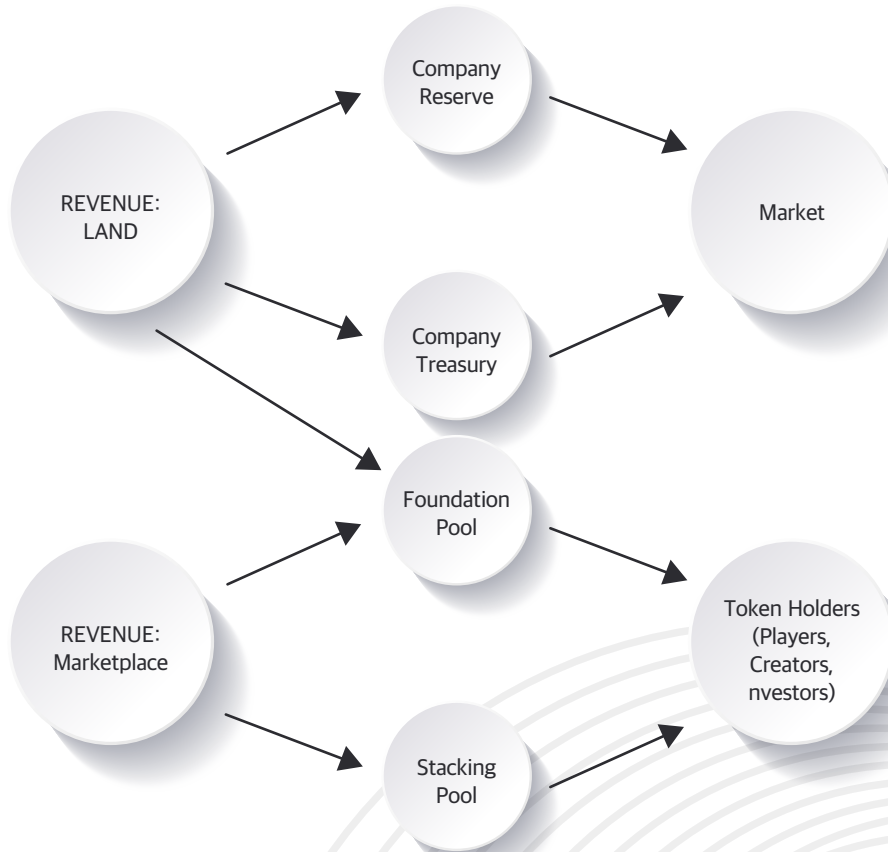
6-2 Cindrum Revenue Model

Cindrum Metaverse offers five sources of revenue for users and creators using CIND

1. LAND Sales: 50% of all LAND sales come with a 12-month lock-up. They will then be auctioned, the proceeds of which shall be allocated to the Treasury.
2. Company NFT Sales: 25% of all NFT proceeds by the company is allocated to the Reserve with a 6-month lock-up.
3. User Subscription and Services: 25% of fees collected is allocated to the Foundation to support the token ecosystem growth.
4. Transaction Fees (2.5% of all CIND)
 - a. Transaction Fees to be restructured as 5% of all transaction volume carried out in Cindrum tokens, including but not limited to, CIND transactions related to sales and rental transactions of LAND (platform to user and user to user transactions), NFT transactions (platform to user and user to user), p2p payments within the Metaverse (LAND admission fee), user subscription fees and advertising fees. Transaction fee rate is to gradually reach 1%.
 - b. 50% of the Transaction Fees shall be allocated to the Staking Pool as reward for staking token holders.
 - c. 50% shall be allocated to the Foundation.
5. Advertising Revenue
 - a. 25% allocated to the Staking Pool as rewards for staking token holders.
 - b. 75% allocated to the Foundation.

06 Cindrum Ecosystem

6-2 Cindrum Revenue Model



06 Cindrum Ecosystem

6-3 Special Campaigns

To bring in more users to become Cindrum Metaverse constituents, Cindrum has planned special campaigns

1. Buy and Swap Campaign

Total giveaway amount: 250,000 CIND

Campaign Period: During pre-registration (TBD) First 1000 users who register to Cindrum Metaverse will received 250 CIND.

How to win: Once the 'Buy and Swap Campaign' post is posted on the Cindrum Metaverse official social media page, simply comment a screenshot of your pre-registration and tag three other friends. Winners will be contacted via social media accounts

2. Most Active Users on Christmas

Total giveaway amount: 250,000 CIND

Campaign Period: December 23rd - December 26th

How to win: Top 1000 active users on Cindrum Metaverse will receive the prize of 250 CIND. Specific determinant to be announced.

06 Cindrum Ecosystem

6-4 Benefits

The creation of a decentralized blockchain based metaverse provides multiple benefits when compared to current, non-blockchain systems, as illustrated in the image below:

True Digital Ownership

Users are the real owners of their digital creations. With blockchain, their creations can be tokenized, giving them a choice to trade, sell, or gift their items.

Trading

The platform provides users with control over their digital assets. They are free to buy and sell item without concerns.

Secure and Immutable

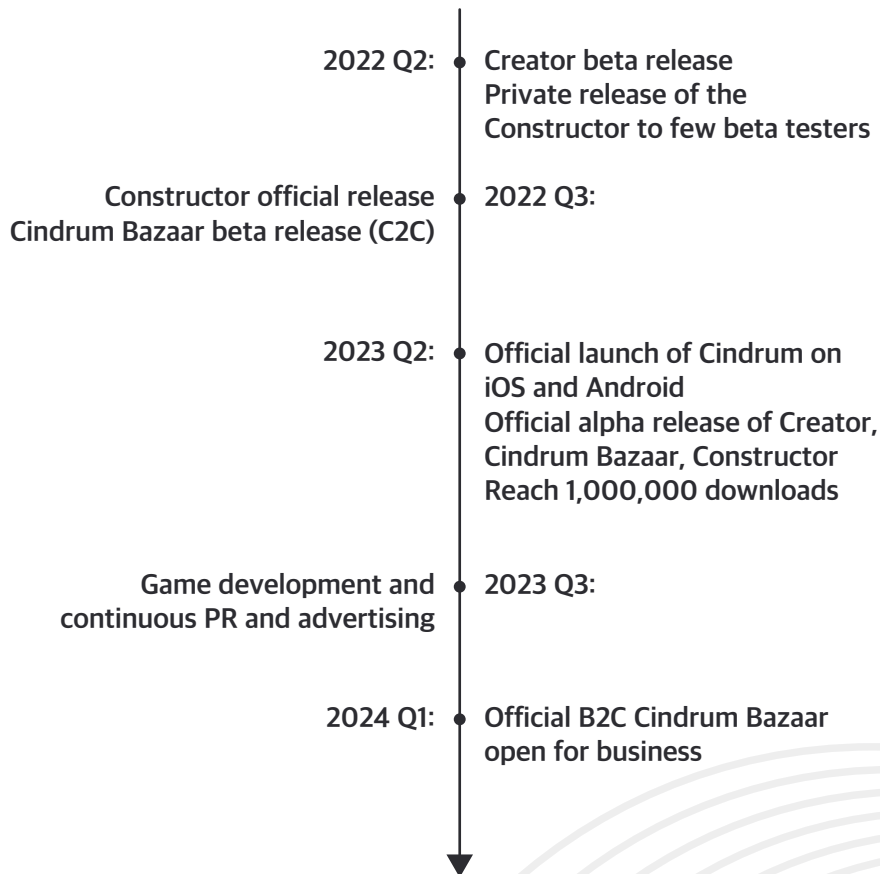
As a distributed ledger, block chain minimizes fraud, theft, and risks.

Cross-Application Interoperability

Blockchain allows games to utilize shared assets. Items, characters, and other elements can be used in other platforms that allow it.

[Benefits]

07 Roadmap



Cindrum expects a wide variety of audiences to enjoy metaverse experiences in the Cindrum Bazaar.

1. Social Experience: The ASSET marketplace will allow creators to decorate their spaces with beautiful sceneries and structures and make fairy wonderland, a medieval town or even a futuristic space station. These types of experiences can attract groups of users who hang out together for virtual activities to roam around and socialize in real time on the platform.
2. Build & Craft: Our 3D map is ideal for creators to enjoy building and crafting experiences. Creators will be able to present users with interesting experiences like building competitions, creating their own entertainment spaces. All these tools and mechanics will be able to interact with the terrain to modify it, build over it or even demolish it.
3. Exploration & Adventure: Creators will be able to bring narrative, exploration, and adventure elements to their LAND. Each new LAND will be different, offering new potential to discover new LANDs.

08 Disclaimer

Legal Disclaimers

This whitepaper was composed to provide information regarding the blockchain-based immersive social networking platform, Cindrum Project, and its business model and current state. This document is not professional investment advice in any way, shape, or form. The contents of this document are presented based on the present state at the time of writing, and none of the information contained on this whitepaper is guaranteed to be valid in the future. The Cindrum team does not guarantee, and accepts no legal responsibility whatsoever arising from or in connection to the accuracy, reliability, currency, correctness, or completeness of any material contained on this whitepaper. The Cindrum team disclaims, without limitation, any warranty or guarantee or merchantability or fitness for a particular purpose, arising from course of performance, course of dealing, or from usages of trade. In case this whitepaper was used, examples of which include but not limited to as a reference or as a basis, in your decision making, the results of the decision, regardless of profitability or loss, are solely and entirely the results of your decision. Please note that the Cindrum team takes no responsibility or accountability of compensation or restitution regarding or arising from damages, losses, debt, or liabilities as result of the use of this whitepaper.

08 Disclaimer

Forward-Looking Statements

(a) Certain information set forth in this whitepaper contains forward-looking information, such as the project's future, future events, speculations. The words "forecast", "project", "believe", "expect", "estimate", "anticipate", "hope" and similar expressions may identify forward-looking statements. (b) Where any such forward-looking statement includes a statement or forecast based on assumptions or expectations, Cindrum team cautions that actual future results are likely to vary from such assumed results or bases, and that differences between assumed results or bases and actual results can be material, depending upon circumstances. Cindrum team assumes no obligation to update its forward-looking statements or to advise of any changes in the assumptions and factors on which they are based. Where, in any forward-looking statement, Cindrum team or its management expresses an expectation or belief as to future results, there can be no guaranty or assurance that the statement of expectation or belief will result or be achieved or accomplished as predicted or hoped. (c) At the time of writing, Cindrum platform is not complete or operational. This document was written on the assumption that Cindrum platform would be complete and fully operational in the future. This shall not in any way, shape, or form be interpreted as guarantee or promise of Cindrum platform completion or operability.

08 Disclaimer

Anti-Money Laundering

The Buyer shall agree to take no part in any way, shape, or form in money laundering, illicit currency exchange or other limited activities through Cindrum teams' Cindrum Token or any derivatives (if any). Each participant must note that Cindrum and other derivatives cannot be sold, traded, or disposed of for money laundering.

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