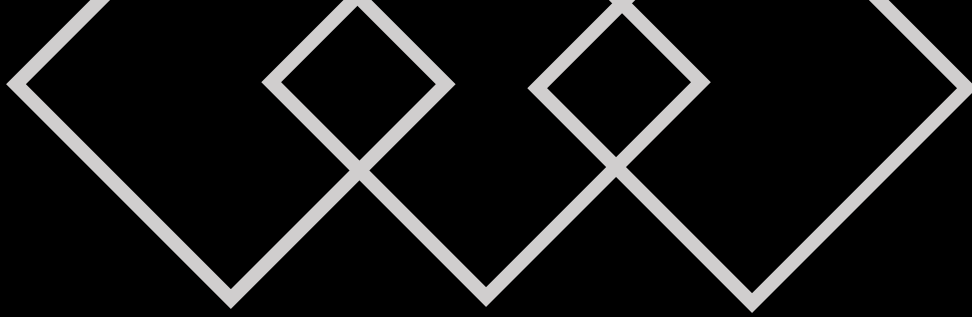


WHITE PAPER

Version: 1.0

META F WORLD

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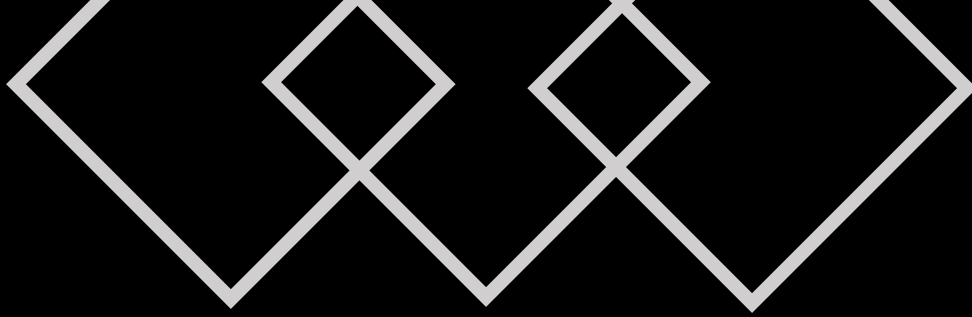
Abstract

A significant portion of most people's investing portfolios has traditionally included real estate. Most of that real estate, if not all of it, has been "real." But the modern real estate investor might also be thinking about something a little less tangible: virtual land. For investors who aren't hesitant to take a bet on cutting-edge technology, building a virtual real estate portfolio may be the next big thing.

Unique land with a deed that exists in the virtual realm is known as virtual real estate. This environment can be compared to a video game, but with more social and communal elements. Land in the metaverse, a group of virtual worlds where purchasing virtual land is possible, can be just as expensive as real estate.

Meta F is a virtual reality platform powered by the BNB Smart Chain Blockchain. Users can produce, consume,

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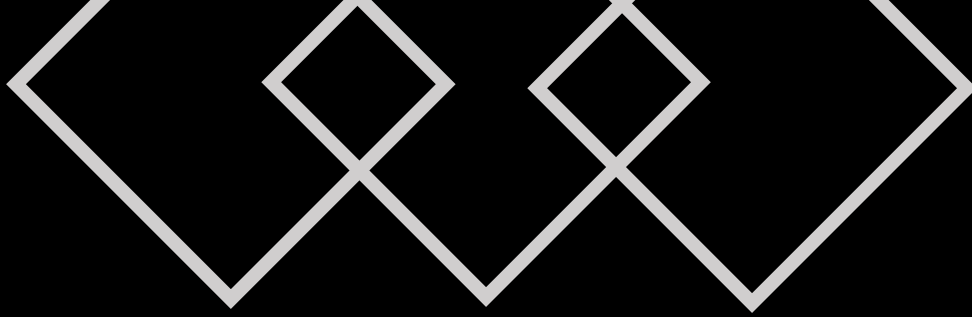
and make money from content and applications. The community in Meta F permanently owns the land, giving them complete authority over their creations. On a parcel ledger built on the Blockchain, users claim ownership of virtual land. The content that appears on the landowners' parcel, which is identified by a set of Cartesian coordinates. Content can include anything from interactive systems like games to static 3D scenes.

The land is a digital asset that is non-fungible, transferable, and scarce that is kept in an Binance smart contract. Spending an BEP20 token called Meta F Token will get it. Digital goods and services can also be purchased in-world using Meta F Token.

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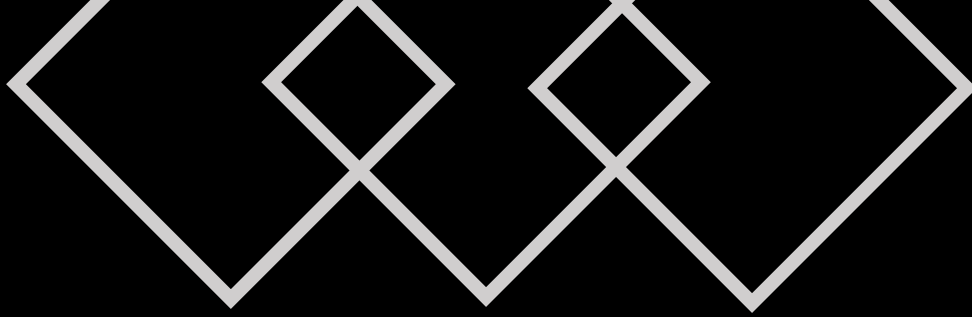
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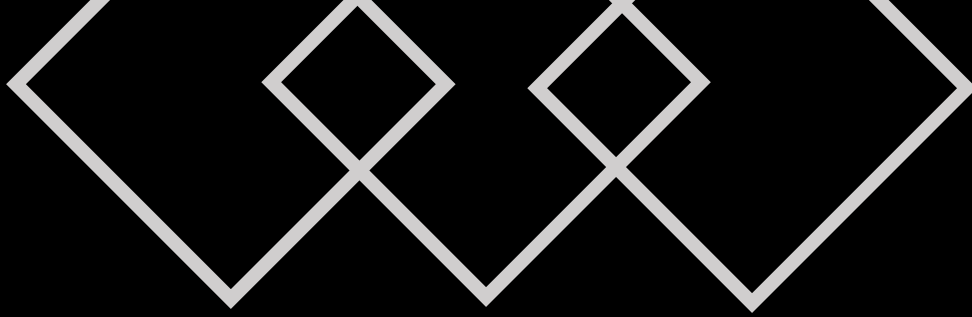
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1. Introduction

With this whitepaper we would like to introduce the entire crypto community to Meta F, the first story based NFT project on the Smart Chain. This paper will explain what our project stands for, the idea behind it and what we strive to achieve. Additionally, an in-depth overview will be given regarding the technology, Tokenomics, token distribution and more.

2. Vision

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We aim for Meta F Virtual Land is to provide a platform for users to purchase, develop and sell virtual land mapped onto the earth with 100% decentralized ledger. A protocol for describing the content of each land parcel and a decentralized ledger for tracking ownership of land.

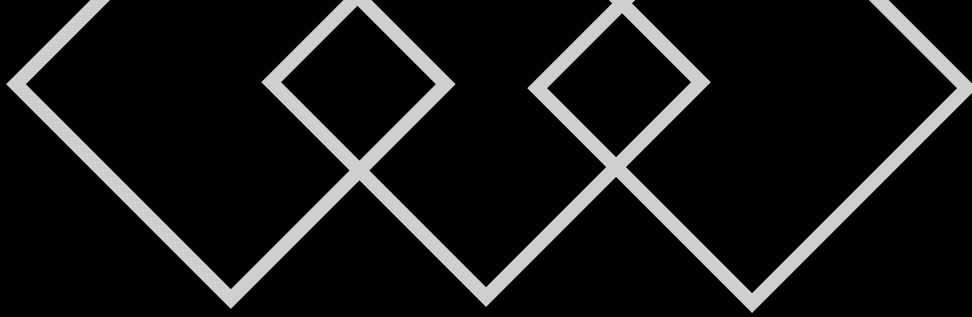
3. Purpose

Our long-term objective is to give land in Meta F land additional uses and usefulness, improve the interactivity of the game, and expand the range of activities you can carry out on it, such as building virtual structures and participating in a burgeoning community. We are looking into a number of ideas, including ways users may be able to allow other users to rent out or develop on their land. You might think of the places you own as websites that are currently reachable online!

4. History

Meta F world started as a proof-of-concept for transferring ownership of digital real estate for users on blockchain. This digital property was originally implemented as pixel on Infinite 2D network where each pixel contains owner and metadata identifying owner

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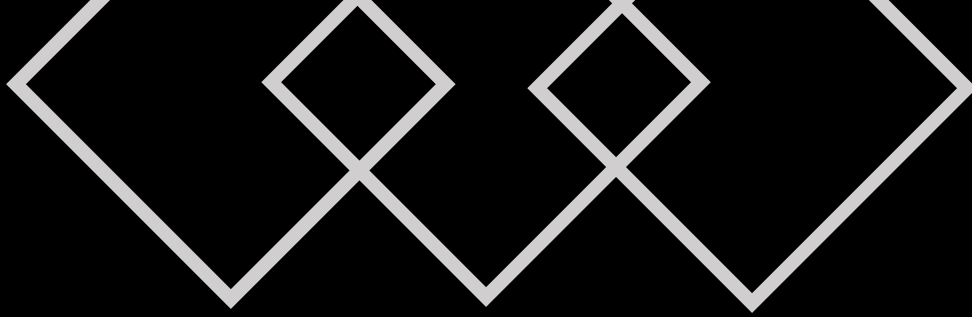
describes the pixel color. The experiment was titled Meta F World Stone Age.



Later, the team began developing Bronze Age, a shared 3D virtual world. Each block owner can associate it with a hash. From this reference, the user to explore virtual worlds, you can use Distributed Hash Tables

A visual representation of the blockchain state. Users could mine, transfer, and change the color of pixels they own.

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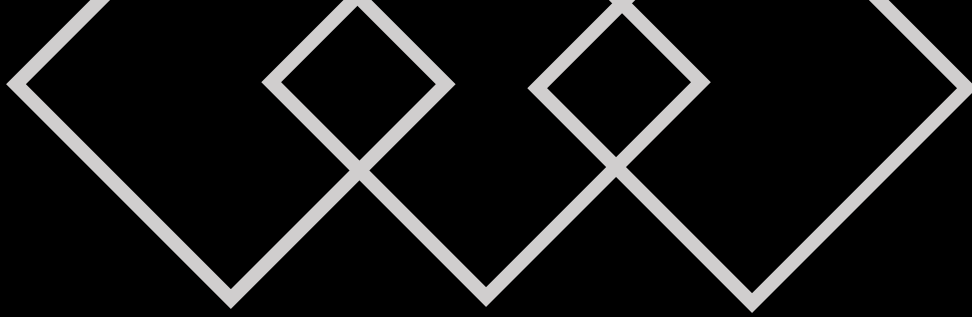
Meta F world next version, Iron Age, will create one social experience. Economy driven by existing land tenure levels and content delivery. in the Iron Age allows developers to build applications on his Meta F world. Distribute them to other users and monetize them.

Iron Age implements peer-to-peer communication, a scripting system enable interactive content and fast cryptocurrency payment systems in-world transaction. The communicative layer is essential to the social experience, positioning, stance, voice chat and more. Meta F world makes this happen with his P2P communication network. A script system is a tool used by landowners to describe their land behavior and interaction of 3D objects, sounds, and applications that operate on land block. After all, a low-fee payment system is the key to developing the economy. A high-speed environment in a virtual world.

5. Traversable World

The adjacency of land makes Meta F World parcels precise from web domains. New

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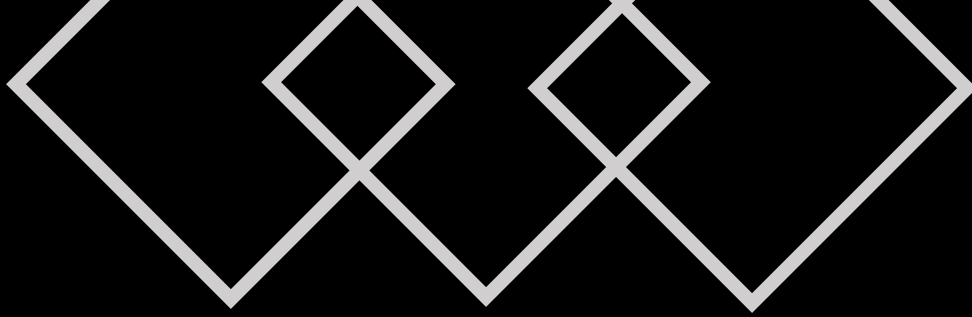


land parcels need to be contiguous to present ones. This adjacency let's in for spatial discovery of recent content material and the advent of districts committed to a unique subject matter or theme.

While every web domain could have a limitless wide variety of links to other content material, parcels in Meta F World have a fixed quantity of adjacencies. Additionally, the content material of adjoining parcels may be visible from a distance. For content material creators, the establishment of districts provides access to focused site visitors; for end customers, it enables discovery of themed experiences.

Users can travel through neighborhoods and have interaction with applications that they stumble upon. This discovery through adjacency is at odds with having endless land: in that scenario, customers could have a tough time locating applicable content material through traveling through it. With scarce land, builders can gather customers through buying land in high-site visitors areas.

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6. Virtual Land Market

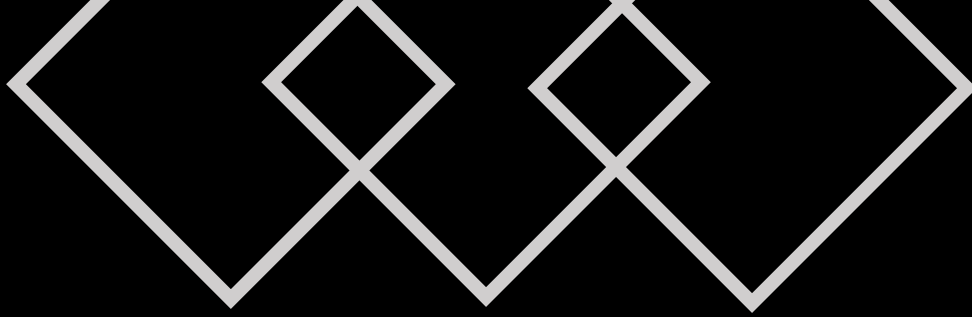
A few years ago, it would have seemed absurd to spend millions of dollars on a single digital asset. However, the concept is not as absurd today. Corporate and individual investors are frantically trying to secure a piece of virtual real estate while it is still accessible, which is the truth.

In the past few months, numerous investors and asset management firms have spent millions of dollars on land they'll never use! The tendency doesn't seem to be slowing down anytime soon, either.

Sales of virtual land in 2021 hit a record high of \$500 million. In January 2022, sales increased tenfold compared to the same period in 2021.

Research by Brand Essence shows that this is only the beginning. According to a report, the market value of the

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metaverse in 2021 was \$209 billion. That number is expected to hit just above \$700 billion by 2027. That's an average annual growth rate of just shy of 23%.

7. Opportunities

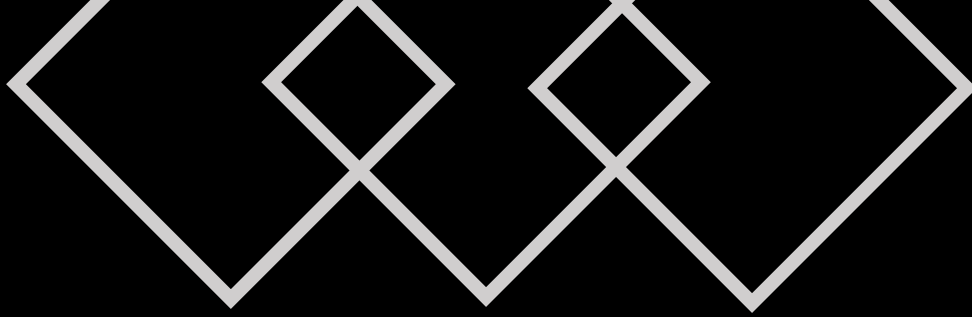
For a variety of reasons, celebrities and stars are purchasing virtual land. Celebrities like Snoop Dog are investing in land to keep on trend or simply because they find it enjoyable. Others, like the Winkle Voss Twins, make investments in the earth with the intention of educating others about cryptocurrencies and the metaverse as a whole. Meta F provide their users a number of opportunity to Buying digital land, constructing virtual homes, and decorating them with digital art and collectibles.

8. Why build on Smart Chain?

Binance Smart Chain is a great option for creating dApp because it boasts one of the fastest blockchain processing speeds and the most reasonable fee regimes.

The Go Ethereum (Geth) client serves as the foundation for BSC, a new smart contract platform introduced by Binance that is interoperable with blockchain applications

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created for the Ethereum blockchain. Nevertheless, running the identical programs on BSC in comparison to Ethereum is significantly less expensive and quick. The following attributes of Binance Smart Chain render it a great option for creating decentralized applications:

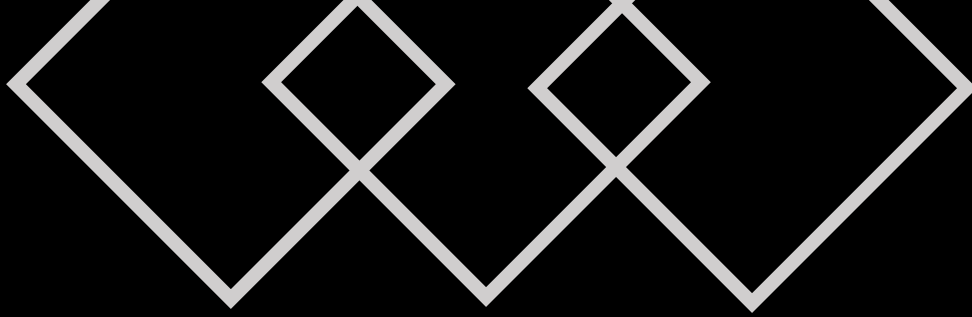
1. The Binance ecosystem's native token, Binance Coin, is issued by several verifiers as part of the groundbreaking Proof of Staked Authority (PoSA) approach used by Binance Smart Chain to protect the network.

2. The dual framework of Binance Smart Chain development enables seamless asset trading from one blockchain to another. Inter-chain communication on the Binance Smart Chain allows rapid trades on the Binance Chain and also simple DApp deployment on the Binance Smart Chain.

3. Because Binance Smart Chain is EVM-compatible, it can be used with the Decentralized applications and SDK of the Ethereum platform. Transferring smart contracts made for the EVM to the Binance Smart Chain is easy.

4. It is an extension of the ERC-20 token standard for the Binance Smart Chain. It acts as a guide for tokens, outlining their purpose, permissible applications, and

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authorized users. A BEP20 token can be utilized to reflect anything associated with it, including bank deposits and company shares.

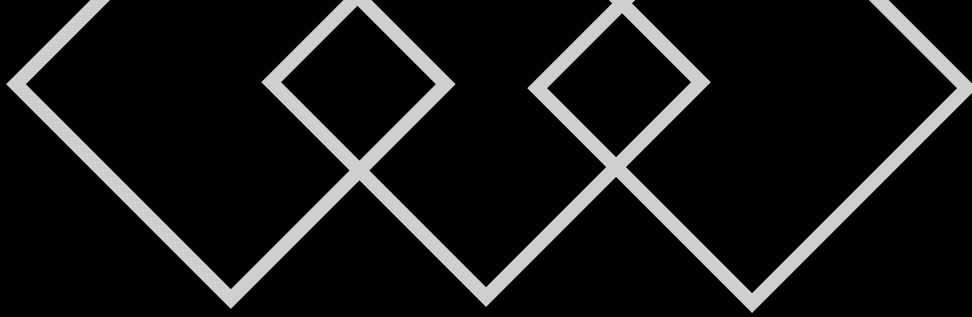
9. How to Buy and sell virtual land on Meta F?

It's not difficult to buy and sell digital assets in the Meta F. You must have to purchase Meta F token before to buy Meta F virtual land. Unlike a real world real estate transaction, the purchase itself is almost anti-climactic. Once you have your Meta F token in your digital wallet, you simply go to the platform's marketplace and click the button to buy. It takes a few seconds for the platform to verify the transaction, which includes checking that your wallet contains enough currency and that the property can be conveyed to you legally.

With those checks complete, the money comes out of your wallet and an NFT representing your purchase goes into it. An anonymous identifier that is connected to your wallet and belongs to you alone is recorded as the new owner of the property.

It works essentially the opposite way to sell a virtual property. You'll list your property for sale, and someone

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else will do the clicking and go through verification before their crypto is traded for an NFT, and your wallet will trade one NFT for a pile of crypto -- at a profit, with any luck!

10. Marketing

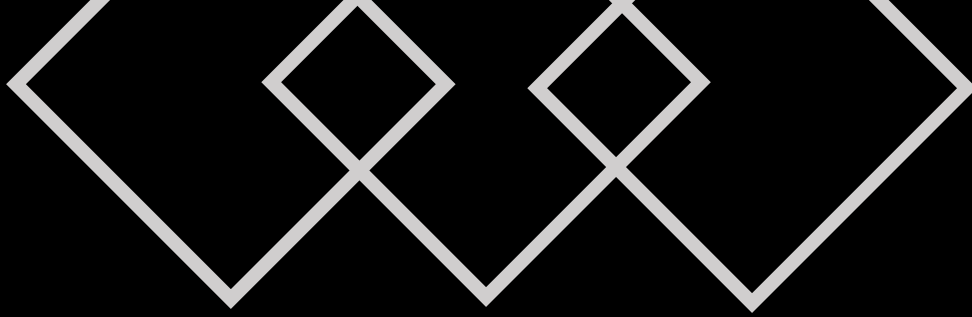
Meta F wishes to market itself as the premier virtual estate company through a strong community support base in Singapore and eventually the region as well as through brand partnerships and collaborations.

It sees itself as targeting an Internet savvy customer who is at this early stage of the metaverse, curious about what it is all about and how they can 'get in on the action'.

It also wishes to target current cryptocurrency and NFT owners who are unsure about this virtual real estate space, the best locations to invest in, how much to pay and how to strategically market their property.

By being an aggregator, The Meta F seeks to create a common platform for all World virtual real estate enthusiasts to trade their real estate.

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11. Social media, contacts

The primary mode of marketing communication will be Discord, followed by Twitter, then Instagram and Facebook.

The website will be <https://metafworld.com>

12. PR

Regular press releases, including the launch event, will be sent to syndicated news channels and contacts.

13. Customer segments

Customers will be segmented broadly into 2 groups,

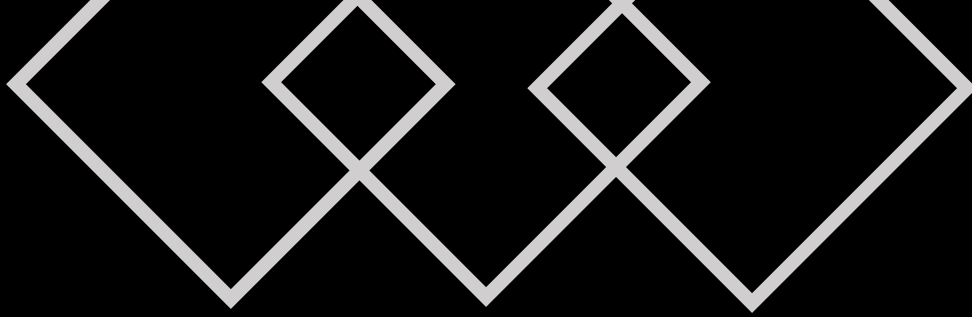
1. Users - people who organize and attend metaverse events, create their own NFTs to resell etc.

2. Investors - land owners who wish to trade their land

14. Use Cases

The land can be used for music, lifestyle, corporate or MICE events, marketing campaigns, mini games, art galleries, exhibitions.

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Virtual real estate is among the core features of the Metaverse. Metaverse property is growing in popularity, with more and more people and businesses looking to purchase virtual property in the digital world.

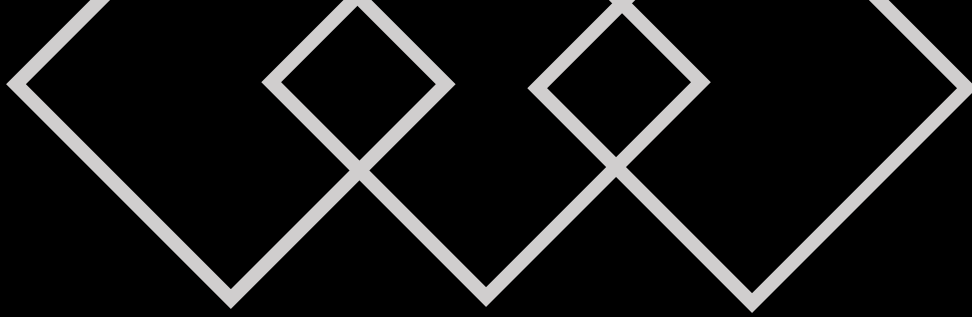
a. Advertising

Another obvious application that results from the ability to buy or rent virtual land is advertising in the Metaverse. The virtual world is currently one of the most cutting-edge strategies that businesses may explore to engage with new people and increase the visibility of their brand. Brands can use the Metaverse's high-traffic virtual places as billboards, as well as virtual influencers, Metaverse events, and other opportunities.

As an illustration, companies like Coca-Cola, Samsung, Balenciaga, and Adidas are developing advertising campaigns in the Metaverse to increase their visibility in the virtual world and draw in more customers.

b. Virtual concerts and events

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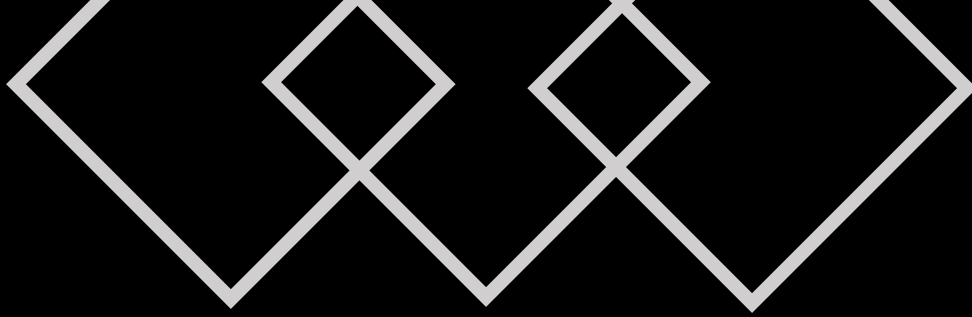
Virtual concerts are becoming increasingly popular in Metaverse-like projects, showing how the music industry is likewise changing in cyberspace. For instance, in the Fortune Videogame setting, Travis Scott's virtual performance drew more than 2 million attendees. The virtual environment allows performers to try new merits and explore new routes for maximizing the entertainment experience because it is not constrained by physical constraints or our real reality.

Travis Scott was able to connect with the audience directly during the concert because to his skyscraper-sized avatar, which is not possible in the real world.

c. Fantasy sports

Fantasy sports and championships are another Metaverse use case worth investigating. For instance, fantasy football in virtual reality is anticipated to grow in popularity as a result of the chance to offer varied perspectives and distinctive experiences. Sports-themed NFTs and collections are in high demand among users, according to projects already operating in the field.

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d. Virtual weddings

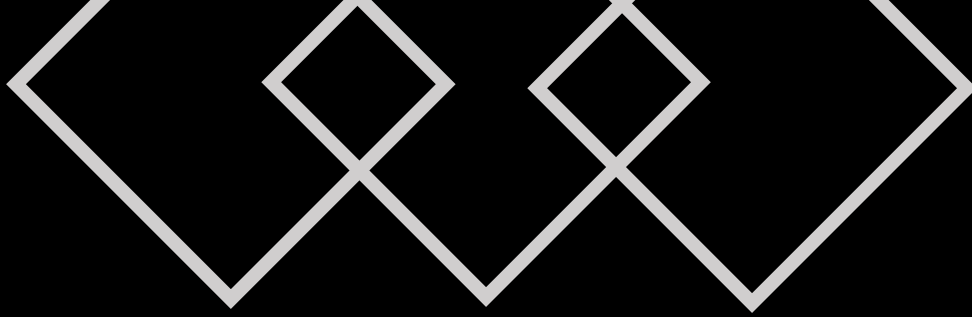
It may be difficult for some people to imagine, but weddings in the metaverse are also growing common. Nowadays, getting married in the real world is a costly luxury that is frequently limited by a number of reasons, including time, location, and more. People can now get married in a virtual reality where they don't even have to be in the same room during the ceremony or reception thanks to initiatives that resemble the metaverse.

The first Metaverse wedding is also a reality, but most people are still hesitant to accept the idea. Although they are currently not enforceable by law, metaverse marriages are recognized through meta-marriage certificates.

15. Architecture

- Consensus Layer
- Content Distribution Layer
- Real-Time Layer
- Payment Channels

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➤ Identity System

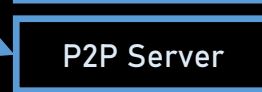
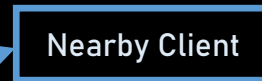
Meta F world protocol has three layers:

At the consensus layer, when land content is referenced using a hash of the file's content, land ownership is determined. The content can be downloaded through IPFS or Bit Torrent using this reference. The downloaded Document includes a summary of the scene must have the necessary objects, textures, sounds, and other components. In order to facilitate connections between P2P users who are simultaneously investigating the tile, it additionally includes the URL of a rendezvous server. Figure 3 depicts a flowchart of the actions the Meta F world clients do to deliver the shared virtual world experience in a Meta F world manner.

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Real Time Layer

(1). Request content and P2P Server to coordinate Connection.



(4). Contact the P2P server to look up other nearby clients

Land Content Layer

1-1 Content Description

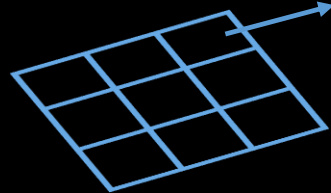
P2P Server: p2p.metaftoken.com
Files: (scripts, meshes, texture, etc.)

(3) Fetch the Content Description

(2). Look up from the smart for block

Consensus Layer

Land Smart Contract

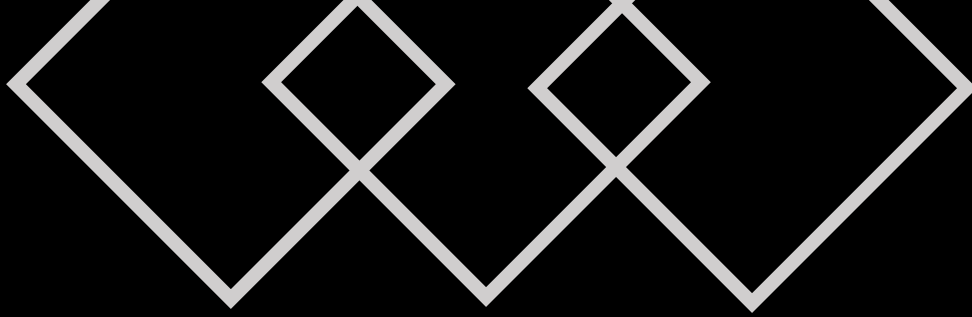


Tile at (1,1)
Content Magnet Link/IPFS Address
Owner: 0x2398...

16. Consensus Layer

Meta F world will keep a record of who owns which land pieces in the virtual world using a smart contract on BNB smart chain. These non-fungible digital assets

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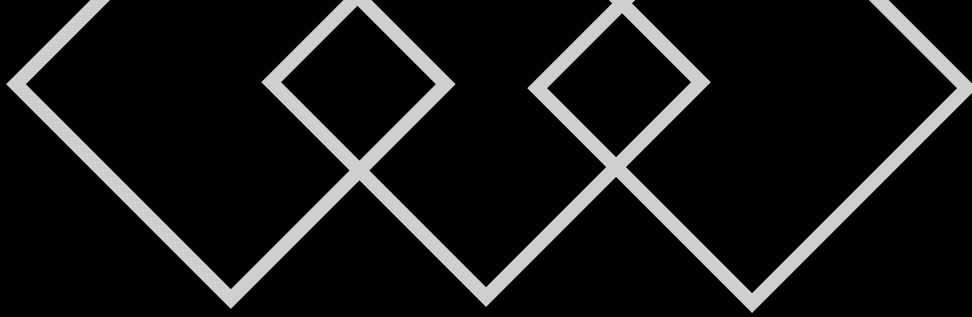
are referred to as LANDs. Each LAND has a unique set of (x, y) coordinates, an owner, and a link to a content description file that contains the material the landowner intends to offer. When updating the LAND smart contract's status, Meta F world clients will connect to the BNB Smart Chain network.

Burning MTFT, a fungible BEP20 token with a fixed quantity, will purchase LAND. This token stands in for the price of applying for a new block. MTFT is destroyed by the LAND contract's burn function, which also adds a new record to the LAND register. New block must be close to an existing block that is not empty.

Content Distribution Layer

The content required to render the globe is distributed through Meta F world using a decentralized storage system. A reference to a file containing a description of the content of each block that needs to be rendered is taken from the smart contract. The current method stores a magnet link for each block and utilizes the tried-and-true Bit Torrent networks.

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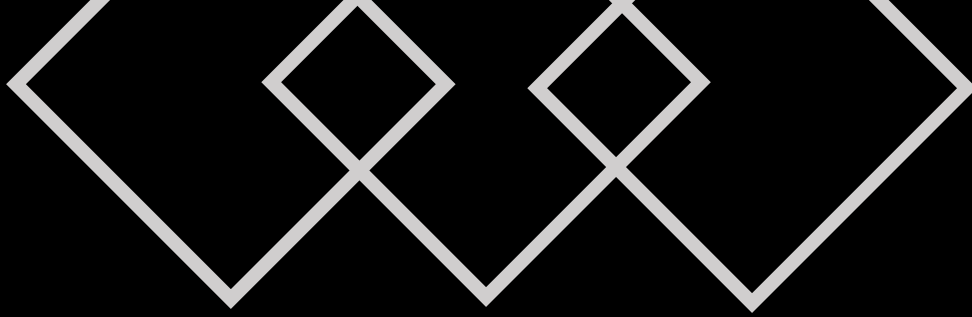
Meta F world may function without any centralized server infrastructure because to this decentralized distribution scheme. By moving the cost of maintaining the system to the actors who gain from it, this enables the world to continue to exist for as long as there are users distributing content. It also gives Meta F world a strong resilience to censorship, taking away the ability of a centralized authority to alter the rules or forbid people from participating.

The description of a block will include a list of the various files needed to render it, a list of the services the landowner hosts, and an entry point to manage the positioning and behavior of objects. This document shall state:

Content files

References to, or blobs with, three-D meshes, in addition to textures, audio files, and other applicable content material required to render the block. These are distinct in order that the client is aware of what

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contents the renderization will need, with none commands on how to area them.

Scripting entry point

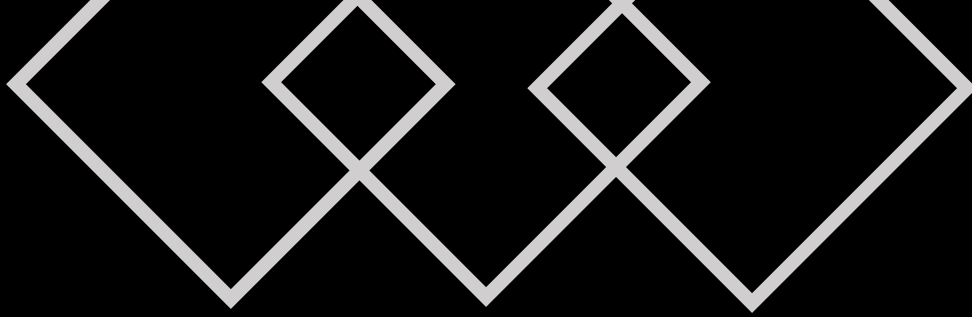
The scripting machine controls how the content material is positioned with inside the block, in addition to its behavior. This permits programs and animations to take location with inside the block. It additionally coordinates behaviors consisting of the site and motion of objects, the timing and frequency of sounds played, the viable interactions with users, among different features.

P2P interactions

This lets in the purchaser to hook up with a server that bootstraps consumer-to-consumer connections, coordinates positions and postures, and allows voice chat and messaging.

Real-Time Layer

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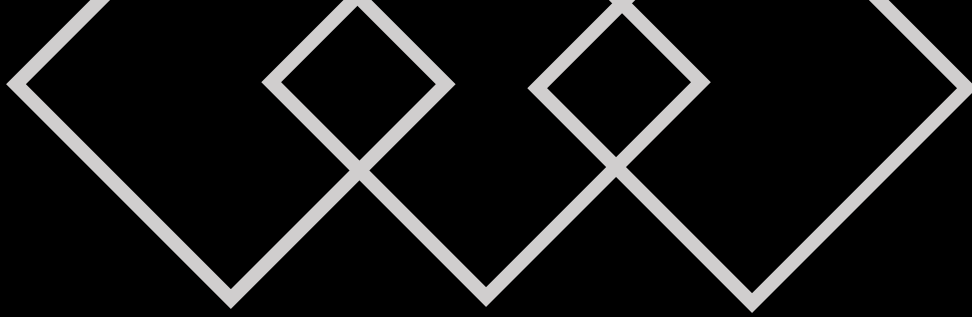
Clients will talk with every different via way of means of setting up peer-to-peer connections with the assist of servers hosted via way of means of landowners or 1/3 parties. Without a centralized server, peer-to-peer connections are had to offer social interactions between customers, in addition to packages that the landowner desires to run within the parcel. To coordinate the bootstrap of peer-to-peer connections, landowners will should offer rendezvous servers or recognize that customers will now no longer be capable of see every different in their block.

Payment Channels

General purpose, public, and disbursed HTLC networks like Lightning can be at least 12 months away from materializing, however low-believe hub-and-spoke charge channel networks permit for immediate and low-price transactions that may be applied today.

Some components of Meta F world infrastructure may be paid for with micropayments. These expenses encompass web website hosting content, serving it,

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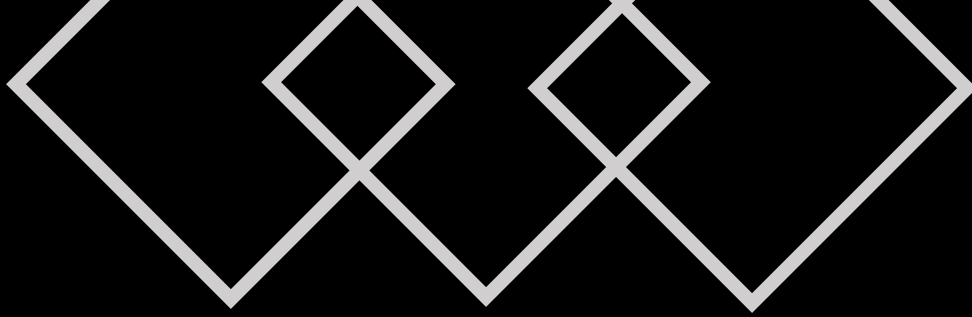
and walking P2P protocols like spatial audio processing for more than one users. The margin a fee of walking packages on Meta F world for developers, given a marketplace of incentivized servers to offer the infrastructure, processes its actual fee as this turns into basically commoditized. However, so one can don't have any barrier to access for incoming developers, Meta F world will subsidize those offerings with the proceeds of promoting Meta F tokens.

Identity System

Meta F world possession of land is one type of identification system, wherein credentials are the coordinates of one's land. Economic incentives also are vital to make certain that the creators of avatars, items, and scripts hold constructing and dispensing them. Since content material may be arbitrarily copied, we need to depend in social agreements to enforce retribution to the creator.

Social agreements could make virtual shortage possible. In centralized systems, this shortage is

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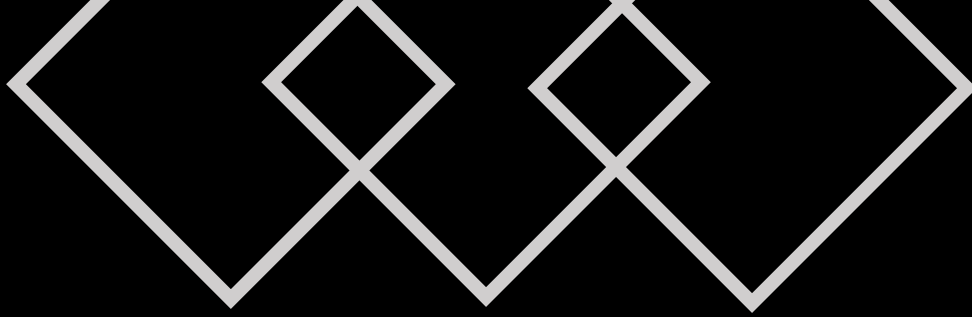
defended with the aid of using the organization that creates the platform. For Bitcoin and other proof-of-work Blockchain, shortages enabled with the aid of using a computational puzzle and the fact that mining blocks calls for an arduous monetary sacrifice.

Meta F world can use decentralized identity systems to create a layer of ownership over in-world items. This system must allow users to easily verify the consent of an author by linking public keys and signatures with human-readable names.

17. Land and Asset Owners

Land and Asset owners in Meta F virtual land are welcomed to let Meta F manage and market their virtual real estate and its assets. They do not pay anything, with gas fees for transactions taken care of by the company and only pay a commission when a deal takes place.

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They can also choose to sell their land and assets to The Meta F or stake for liquidity. Trades can also be worked out.

All ownership rights of the lands deposited by land owners, including those of the partners of the company still belong to the land owners and they have unrestricted access and rights to their lands. Upon request, all land is to be returned to their owner from the LLP within 1 business day.

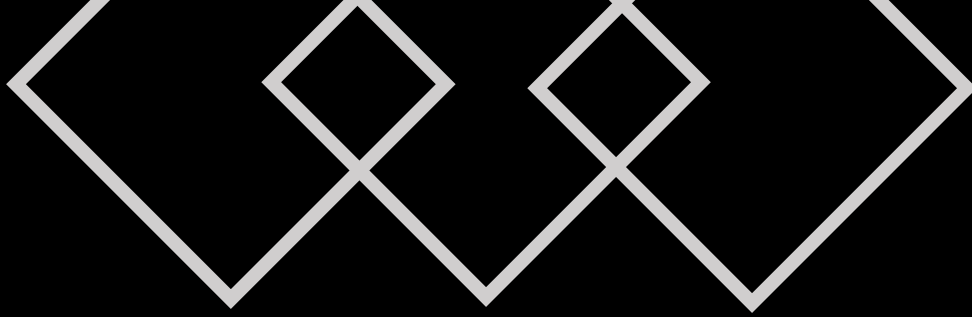
18. Events

Meta F seeks to curate events and work with content creators on developing The Clubhouse, which is open to all members.

19. Education

Education is key in fostering a sustainable industry and at The Meta F, the company will provide training and workshops on virtual real estate, building of assets and scenes and the crypto economy and web3.0 in general.

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20. Innovation Labs

The company is open to work with partners and collaborators who have fresh ideas and can co-fund or stake in projects we feel have mileage and meaning.

21. CSR and Community

At The Meta F, we believe in connecting people, building and growing the community together and working towards win-win outcomes. We believe in doing our part to support the community and will be organizing charity fund raisers as well as pledges for specific causes from time to time.

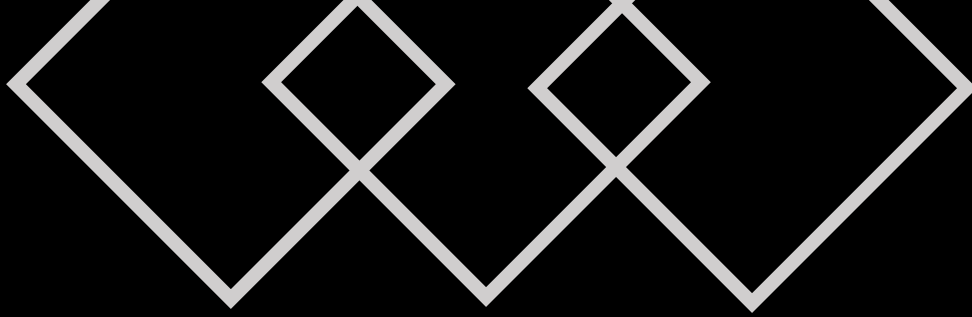
22. Products and Services

a. Wallet app

Meta F team is working on Meta F wallet. In very near future you will be able to use Meta F wallet application where you will be able to send, receive and store Bitcoin and many other cryptocurrencies including NFTs safely and securely.

b. DAO

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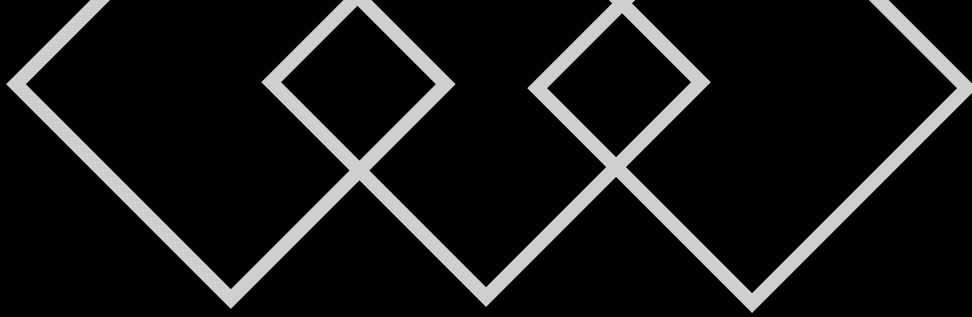
A DAO is a decentralized autonomous organization. A type of bottom up entity structure with no central authority. Member of the DAO own token of the DAO and member can vote on initiative for the entity, smart contracts are implemented for the DAO and the DAO code governing the DAO's operations in the publicly Disclosure.

How META F DAOs Work?

To be the part of Meta F DAOs one must have Meta F token. If you have Meta F token, then only you can become the voting member of Meta F DAO. The voting process for DAOs is posted on a blockchain. Users must often select between mutually-exclusive options. Voting power is often distributed across users based on the number of tokens they hold. For example, one user that owns 100 Meta F tokens of the DAO will have twice the weight of voting power over a user that owns 50 Meta F tokens.

The theory behind this practice is users who are more monetarily invested in the DAO are incentivized to act in good faith. Imagine a user who owns 25% overall voting

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power. This user can participate in bad acts; however, by doing so, the user will jeopardize the value of their 25% holding.

Benefits of Meta F DAOs

- Decentralization
- Participation
- Publicity
- Community

c. Meta F Swap

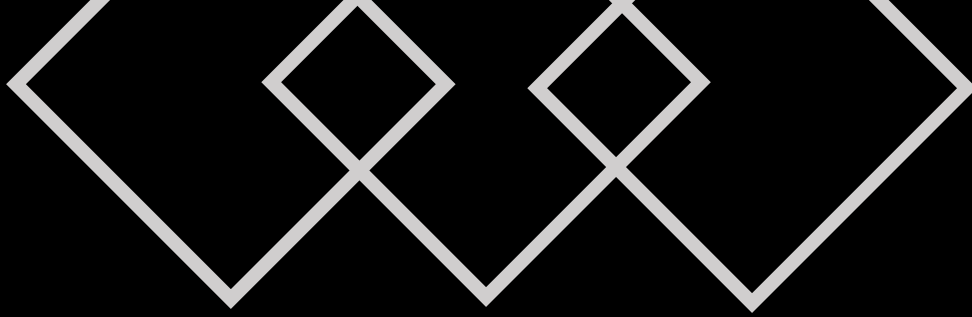
What is a Meta F Swap Service?

By using Meta F swap you will be able to convert one crypto into another instantly. Meta F swap will also allow you to trade one coin for another anonymously at the best rates without compromising on security.

Some main advantage of Meta F swap is:

- It's non-custodial
- It's safer

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- It's simple and easy to use
- It's faster
- It offers extra privacy

d. Meta F Card

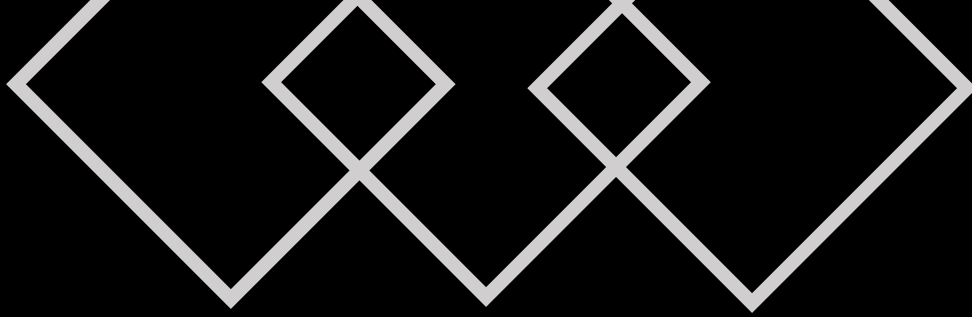
What is a Meta F Card?

Similar to conventional cards, Meta F debit cards let you fulfill day-to-day transactions using multiple cryptocurrency. Meta F cards pay you significantly more in crypto. It will give you rewards in cryptocurrency. Suppose you earn 3% crypto back, and the digital asset you get as rewards doubles in price, then you've essentially earned 6% crypto-back on your spending!

Spend Crypto Like Cash Using Meta F Card

Meta F is revolutionizing the way the world spends cryptocurrencies. Add next-gen crypto-debit card solutions to your business. Allow you to convert and spend your crypto at point of sale to purchase anything from a cappuccino to a brand-new car.

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Meta F has taken your crypto-enabled debit card and catapulted it ten years into the future. Finally, you can enjoy a world of frictionless crypto spending. Forget about whether merchants will accept your Bitcoin, Ethereum or Dogecoin – your Visa debit card can now convert and spend any digital asset instantaneously at point of sale.

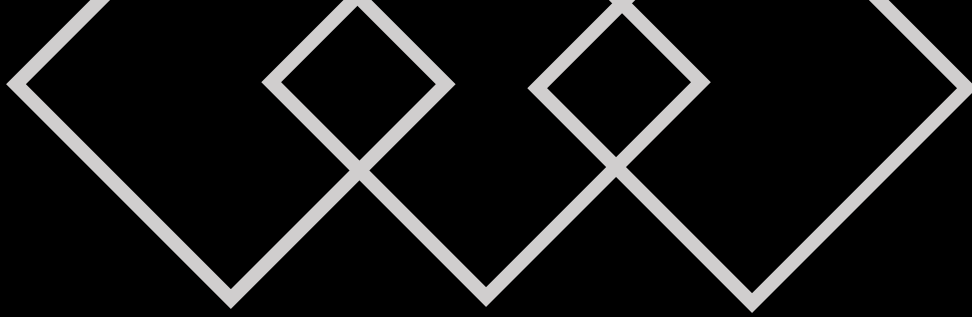
23. Decentralized Ledger

Meta F virtual world use decentralized ledger for land ownership and token distribution for gaming. Content descriptions for each block and a peer-to-peer network for users Interaction is managed by decentralized ledger.

24. Meta F P2E Games

Meta F P2E Game provides a user-friendly Video games and virtual worlds for users to live up to date on blockchain news, top Play to Earn games and first-class NFT initiatives. With the comprehensive GameFi and NFT rankings, you may easily locate the most-hyped initiatives with inside the Web3 space. While P2E. Game's Launchpad segment provides customers with an insider's

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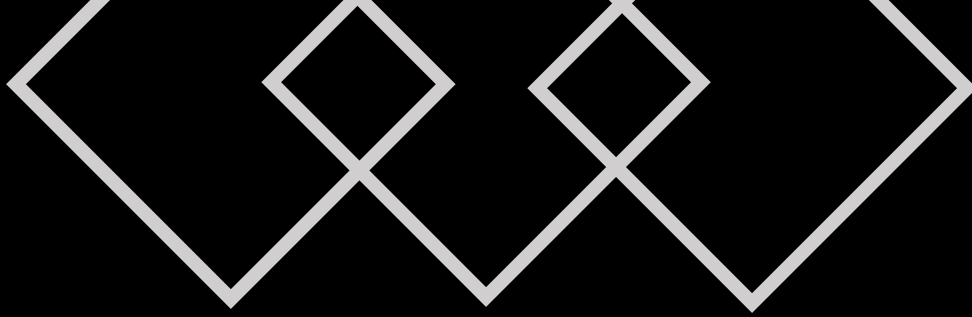


angle on what's new and upcoming in the global of NFTs, IDOs and Blockchain Gaming, the Mission Center offers customers an incentive to live unswerving to the platform. Everything you want on NFTs, IDOs and Crypto Games is on P2E.Game!

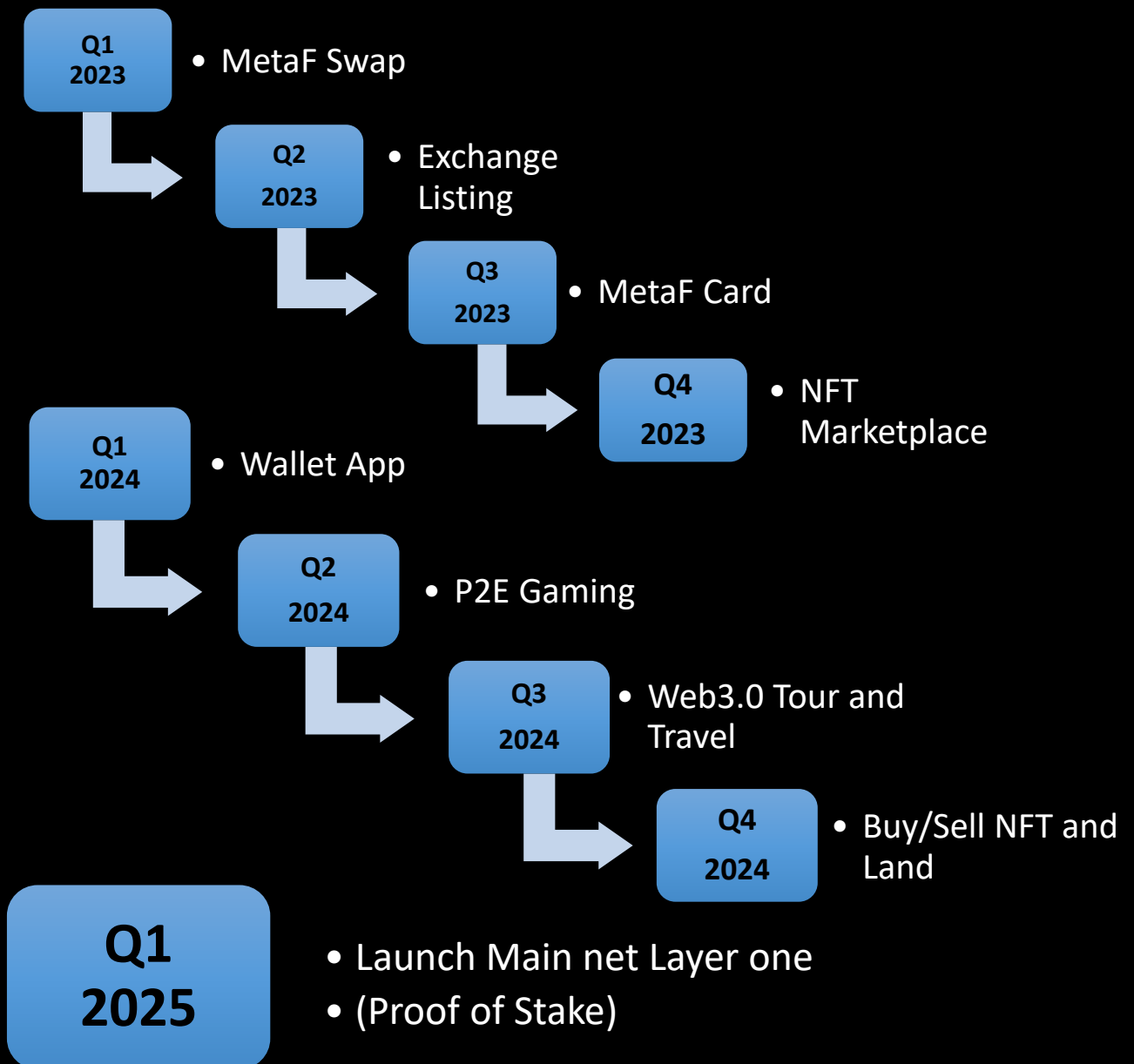
How do P2E games make money?

Meta F Play-to-earn games, specifically work with Meta F token, you can share token with users and game developers. When a user plays a p2e Meta F game and unlocks in-game assets such as avatars, weapons, tokens, virtual land, and other NFTs, they can either use these assets or earn money by trading them on marketplaces and exchanges.

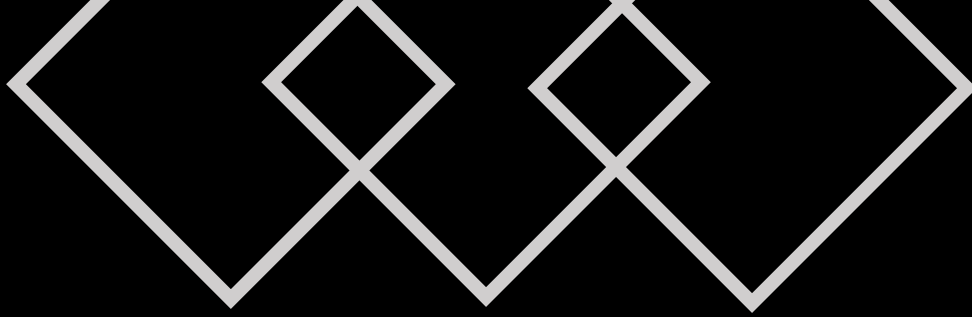
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25. Roadmap



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26. TEAM

Gaurav Rana

Co-Founder

Ram Saran

Co-Founder

Anoush Zohrabi

Founder Engineer

Dan Kaul

Product Designer

**Jang-mi Bong-
Cha**

Project Manager

Jennifer Booker

Head of Finance

27. Summary

Developers can create and monetize applications on top of the distributed platform for a shared virtual world known as Meta F. The lack of available land on which to erect applications results in hubs that attract user attention and generate income for content producers. In-world purchases of real estate, products, and services will be made using Meta F tokens.

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