

META



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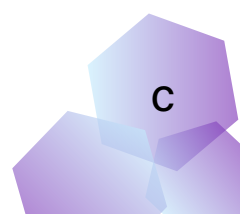
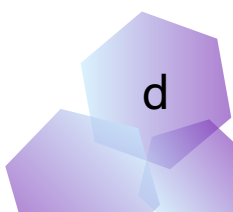


TABLE OF CONTENTS

Disclaimers	a
Table of Contents	00
Abstract	01
Market Analytics	02
Background	05
Meta Chain	06
Meta Token	11
Ecosystem Project	13
What is Metaverse Global?	14
Levels of Metaverse Global	15
Utility Token	16
Major Features	21
Roadmap	23
How to earn META?	24
Team	25



ABSTRACT

The internet has been through many milestones in its history providing benefits to people's lives. Despite the fact that Web 2.0 has enabled people to express themselves, interact with user-generated content, and connect with their friends, we have to rely on the centralization of internet services, which has several drawbacks such as data breaches and platform monopolies.

Blockchain technology has emerged as one of the most rapidly growing trends, providing an alternative in unprecedented ways. Its decentralized, immutable, secure, and low-cost characteristics have paved the way for the future infrastructure of our society. It has inspired several developers, leading to the development of Decentralized Finance (DeFi) and Non-fungible tokens (NFTs). The combination of decentralized access to financial services and asset tokenization creates limitless opportunities for many businesses in a wide range of industries, including entertainment and tourism.

Meta chain was launched by A Plus Fintech Pte. Ltd. in response to such rapid developments in the blockchain domain. It is a public blockchain network that aims to be a scalable, secure, and affordable platform for individuals and corporations seeking to build decentralized applications (dApps) and further their business capabilities, as well as the foundation of its ecosystem project Metaverse Global.

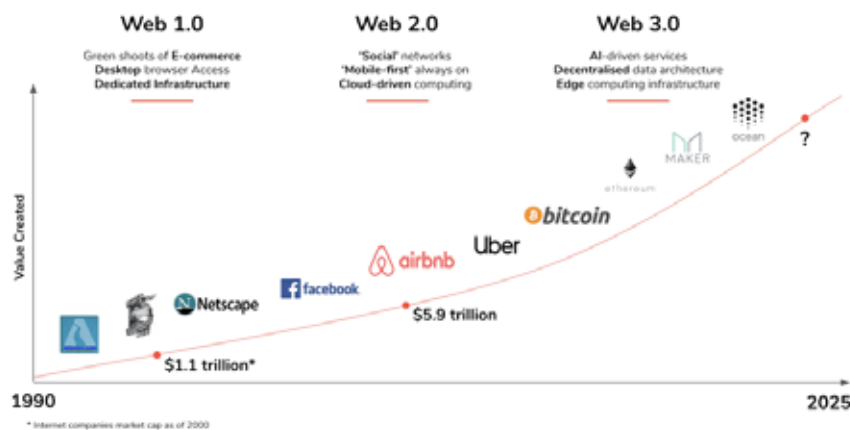


MARKET ANALYTICS

The Evolution of Internet

Nowadays, the internet has been indispensable in our daily lives. It affects and benefits people in numerous ways. One of its distinct attributes is to enable people to virtually connect with each other. The internet has developed since its advent and it can be divided into 3 main eras.

The Evolution of the Web



Source : DEV Community

Web 1.0

The characteristic of web 1.0 is static meaning that the information is presented in one-way manner by creators. Users are only allowed to search and read the content while there are no room for interaction such as comments between the users and the creators of websites. Centralization plays a crucial part in terms of the nature of data and how it is stored.

Web 2.0

Web 2.0 refers to the read-write web. It strengthens 1.0 web by allowing users to participate in content creation and interact with other users. Some of the popular social media platforms are facebook, youtube, and twitter. Even though users can generate contents and the nature of data is decentralized in these platforms, the owners of the platforms often own of such data. Therefore, it could be said that centralization still applies to the storage and the communication of data.

Web 3.0

It is difficult to define what Web 3.0 really is since it is relatively new and the society is in the process of creating this paradigm. However, one noticeable difference is the degree of decentralization that extends to the storage of data. Blockchain technology including NFTs, DeFi, and Metaverse are important blocks in this paradigm that empower users to "own" the data and benefit or monetize from it.

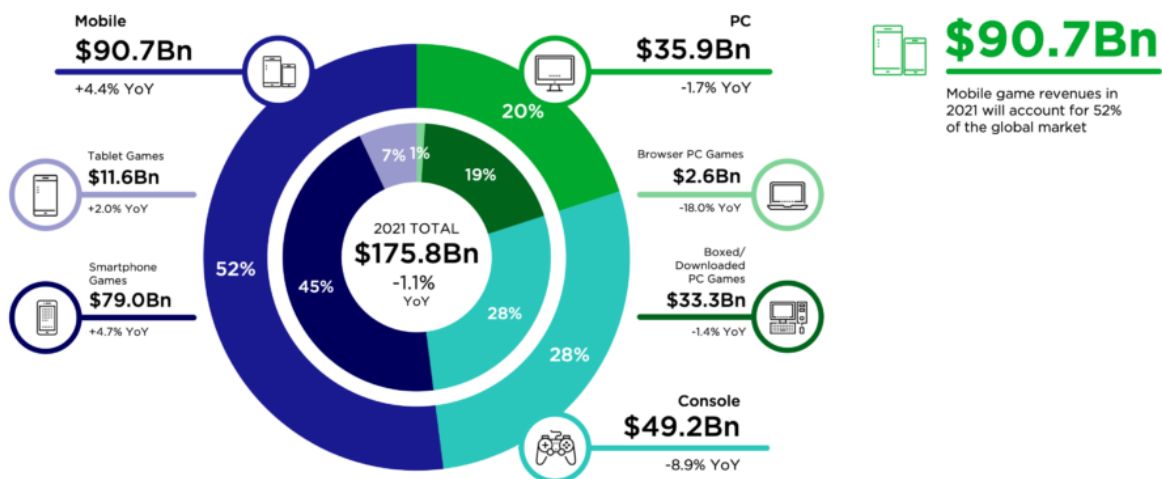
Gaming Industry Outlook

Gaming industry is one of the fastest growing industries that supersedes other entertainment-related dominances such as sport and movie. With the COVID-19 pandemic and lockdown measures, people have now spent time at home and become more familiar with new digital worlds. In 2021, the global gaming market worth around 170 billion USD and is expected to reach 300 billion within the next five years.



2021 Global Games Market

Per Device & Segment With Year-on-Year Growth Rates



Source: ©Newzoo | Global Games Market Report | April 2021
newzoo.com/globalgamesreport

Source : Newzoo Global Games Market Report

Asia has become the largest gaming market with China accounting for 49 billion USD. North America is the second largest region that is contributed by the advancement of gaming technology specifically augmented and virtual reality. Statically, 3 out of 4 Americans plays video games and In 2021 its market is worth around 30 billion USDⁱⁱ.

The World's Top 10 Gaming Markets

Estimated revenue of video games per country (in billion U.S. dollars)



As of June 2021

Source: Statista Digital Market Outlook



statista

Source : Statista Digital Market Outlook

The revenue streams of gaming industry derive mainly from four sources, namely, hard ware, software, in-game purchases, and advertising. Presently, In-game purchasing is becoming the focusing aspect of gaming industry. Basically, it refers to the purchase of virtual items or additional contents usually in F2P games that will enhance user experience. This source of income contributes up to almost 80% of the total revenue and its value is increasing most rapidly among other sources of incomes.

BACKGROUND

Meta chain was developed by A Plus Fintech Pte. Lt which is a Singaporean-based financial technology company primarily focusing on the adoption and investment in Blockchain and Cryptocurrency. A Plus Fintech has recently acquired its spotlight by successfully investing and collaborating with MVP Coin project; Thailand's first travel service token. The main driving force of such accomplishment is Mr. Paul Wan. He is a Singaporean investor and corporate finance advisor who has successfully led many large companies to raise capital on the stock exchanges of Singapore, USA, UK, South Korea Taiwan and has handled many merger and acquisition deals from Singapore, China, Thailand, Vietnam, India, Saudi Arabia and Europe. He also has a wealth of experience in audit and is also a practicing member of the Institute of Singapore Chartered Accountants (ISCA) and the Institute of Chartered Accountants in England and Wales (ICAEW). Moreover, he is one of the founding member of the Morison Group Accountants and Business Advisors and recently became global Chairman in September 2020. Morison Global is an organization that brings together a global network of leading companies providing accounting, auditing, tax management, corporate finance, IT and legal experts.

Meta chain aims to tackle sets of problems arising from the existing blockchain ecosystem, particularly high gas fees and slow transaction barriers that prevent individuals, developers, and businesses from maximizing their competitive advantages. Another critical aspect is the overemphasis on financial gains for investors over the creation of a sustainable ecosystem and necessary products. Meta Chain provides fast and secure transactions while maintaining low transaction fees for users. More importantly, it also serves as the foundation of Metaverse Global, a real-world mapping virtual world that empowers users' true ownership of digital assets.

META CHAIN

Meta Chain is an open-source decentralized transaction public chain that provides a secure infrastructure for developers to create decentralized applications as well as ensure efficient trading of blockchain values and digital assets. It is also designed to be the sustainable backbone network that supports the functions and transactions on Metaverse Global.

Its economic system is inherently self-sustaining due to the issuance of META coins as Governance Token that are used as a processing fee for any transactions occurred on Metaverse Global such as nfts exchanges and voting for the governance direction of the platform.

META coins also incentivize the participation of the community as they will be rewarded to node validators who contribute in verifying transactions and adding confirms verification to the distributed ledger. META coins along with the attractiveness of Metaverse Global platforms will be the crucial part that will encourage not only the users but also validators to join this ecosystem, leading to a steady economic system.

META Chain Mainnet

Consensus Protocol : Clique (Proof of Authority)

Chain Id: 17

Block Period : 7 second

RPC endpoint : <https://rpc.metachain.asia>

WS endpoint : <wss://ws.metachain.asia>

Block Explorer : <https://exp.metachain.asia>

Technical Details

Security and Consensus

The design of consensus algorithms is critical in public blockchain systems because the protocol not only dictates how participants agree on the development of the blockchain but also embodies the governance model imposed on the system.

Neither a total centralization nor a total decentralization would be the correct answer, but a compromise from and balance of both would.

Meta Chain implements the Proof of Authority (PoA) consensus algorithm stating that there would not be anonymous block producers, but a fixed number of known validators (Authority Masternodes).

Clique (POA) uses digital signatures to seal the blocks and achieve data immutability. The consensus protocol functions when there is a certain level of trust between participants. It is based on a group of trusted nodes known as Authorities, which use a simplified messaging algorithm to outperform traditional PBFT algorithms.

In PoA, only one round of messages is exchanged between authorities, compared to three rounds in PBFT. Thus, better performance is one of PoA's claims when compared to other BFT algorithms, particularly PBFT. A PoA network can withstand $N/2-1$ byzantine authority nodes. It can function properly when a simple majority of the authority nodes, $N/2 + 1$, are honest. Multiple authority nodes are permitted to propose for each block. To resolve forks caused by multiple authorities proposing at the same time, the algorithm relies on Ethereum's GHOST protocol. In comparison to PBFT algorithms, the design of PoA algorithms sacrifices consistency (forking is possible) for increased availability (faster block committal). Clique, in particular, provides eventual consistency PBFT vs. PoA analysis once the forks are resolved by the GHOST protocol. Regardless of whether there are transactions to include, PoA generates blocks at a configurable but fixed interval. Clique is a good choice for a network with parties who don't trust each other. When considering this algorithm, keep in mind that forking will occur in networks with more than four authorities. Another significant feature of Clique is that each block is sealed by only one signature — the proposer's. This is significantly different from PBFT, where at least a supermajority of validators sign each block. As a result, the data immutability guarantee is weaker than PBFT. However, because each proposer is only allowed to sign once every $N/2 + 1$ blocks, it still provides a strong guarantee across a chain with many blocks. Given the blockchain's strong tamper proof feature, an attacker would still need to compromise the entire set of authority nodes in order to attack the data on the blockchain.

Meta Chain schedules a new block to be generated once every Δ seconds. We set $\Delta = 10$. Let t_0 be the timestamp of the genesis block. The timestamp of the block with height $h > 0$ and t_h , must satisfy $h = t_0 + m$ where $m \in \mathbb{N}^+$ and h .

PoA allows every available AM to have an equal opportunity to be selected to produce blocks. To do that, we introduce a Deterministic Pseudo-Random Process (DPRP) and the "active/inactive" AM status to decide whether a particular AM a is legitimate for producing a block (h, t) with height h (uint32) and timestamp t (uint64). Here must satisfy $(t - t_0) \bmod \Delta = 0$. We first define the DPRP to generate a pseudo-random number (h, t) as:

$$(h, t) = \text{DPRP}(h, t) = \text{hash}(ht)$$

where ht denotes the operation that concatenates two byte arrays.

Let AB denote the sorted set of AMs with the "active" status in the state associated with block B . Note that in Meta Chain each AM is given a fixed index number and the numbers are used to sort elements in AB . To verify whether a is the legitimate AM for producing $B(h, t)$, we first define

$$AB(h, t)_a = \text{sort}(\text{APA}(B(h, t)))_a$$

where $\text{PA}()$ returns the parent block. We then compute index $ia(h, t)$ as:

$$ia(h, t) = (h, t) \bmod AB(h, t)_a$$

AM a is the legitimate producer of $B(h, t)$ if and only if $AB(h, t)_a[ia(h, t)] = a$. Note that we put double quotes around the word "active" to emphasize that the status does not directly reflect the physical condition of a certain AM, but merely a status derived from the incoming information from the network.

AM Status Updating

Given the latest block $B(h, t_1)$ and its parent $B(h - q, t_0)$, for any $t_0 < t < t_1$ and $(t - t_0) \bmod \Delta = 0$, the system computes AM a such that

$$AB(h, t_1)_a[ia(h, t)] = a$$

and mark a as "inactive" in the state associated with $B(h, t_1)$. In addition, the system always sets the status of the AM that generates $B(h, t_1)$ as "active". Note that we set all the AMs as "active" from the beginning.

Intrinsic Gas Calculation

The intrinsic gas for a transaction is the amount of the transaction used before any code runs. In other words, it's a constant "transaction fee" plus a fee for every byte of data supplied with the transaction. The gas in the transaction needs to be greater than or equal to the intrinsic gas used by the transaction.

$$g_{\text{intrinsic}} = g_0 + g_{\text{type}} + g_{\text{data}}$$

- g_0 is the constant transaction fee 5,000
- There are two types of g_{type}
 - Regular transaction : 16,000
 - Contract creation : 48,000
- $g_{\text{data}} = 4 * n_z + 68 * n_{nz}$
 - n_z is the number of bytes equal to zero within the data in the i th clause
 - n_{nz} and the number of bytes not equal to zero

Total Transaction Gas Calculation

Meta Chain clauses allow a single transaction to carry out multiple tasks. Therefore, it needs to execute all the clauses cost in the transaction.

The total gas, g_{total} , required for a transaction can be computed as:

$$g_{\text{total}} = g_0 + \sum_i (g_{\text{type}i} + g_{\text{data}i} + g_{\text{vm}i})$$

- where $g_0 = 5000$
- There are two types of g_{type}
 - Regular transaction : 16,000
 - Contract creation : 48,000
- $g_{\text{data}i} = 4 * n_{zi} + 68 * n_{nzi}$
 - n_{zi} is the number of bytes equal to zero within the data in the i th clause
 - and n_{nzi} the number of bytes not equal to zero
- $g_{\text{vm}i}$ is the gas cost returned by the virtual machine for executing the i th clause.

Proof of Work

Meta Chain allows the transaction-level proof of work and converts the proved work into extra gas price that will be used by the system to generate more reward to the block generator that validates the transaction. In other words, users can utilize their local computational power to make their transactions more likely to be included in a new block.

In particular, the computational work can be proved through fields Nonce and Block in the transaction model. Let n and g represent the values of TX fields Nonce and Gas, respectively. We use b to denote the number of the block indexed by TX field Block and h the number of the block that includes the TX. Let T denote the TX without fields Nonce and Signature, S the TX sender's account address, P the base gas price, H the hash function and E the RLP encoding function.

The PoW, PoW , is defined as:

$$PoW = \min(2^{64} - 1, 2^{256} - 1 - H(H(E(S))n))$$

The extra gas price, P_{extra} , is computed as:

$$P_{extra} = P_0(1 + g \cdot \min(1, 0.04h - 1360024))$$

with the following constraint

$$h - b \leq 30$$

The reward r for packing the TX into a new block is computed as:

$$r = 310g \cdot (P_0(1 + \frac{P_{extra}}{P_0}) + P_0)$$

where $[0,1]$ is the gas price coefficient and g the actual amount of gas used for executing the TX.

From the above equations, we know that

1. Since h_0 is a valid block number, BlockRef must refer to an existing block, that is, its value must equal the first four bytes of an existing block ID;
2. The TX must be packed into a block within the period of 30 blocks after block b , or otherwise, the PoW would not be recognized by the system;
3. The extra gas price P_{extra} can not be greater than base gas price P .

META TOKEN

Tokenomics

META Token (META) is the governance token that powers transactions on the META chain and the Metaverse Global ecosystem. It offers numerous benefits for both developers and users by allowing them to create more inclusive experience and transact with games, application, or smart contract on the Meta chain network. META Token is tradeable and transferrable between users.

Its utilities are outlined below :

- Transaction Fee (Gas) on META Chain
Gas Fee refers to the payment of computational effort used to validate and execute transactions. META Token is not only used to fuel asset transfer but also to achieve any smart contract and dApp transactions on Meta Chain.
- Voting on the governance of META Chain
- Voting rights on the governance of Metaverse Global economies



M E T A

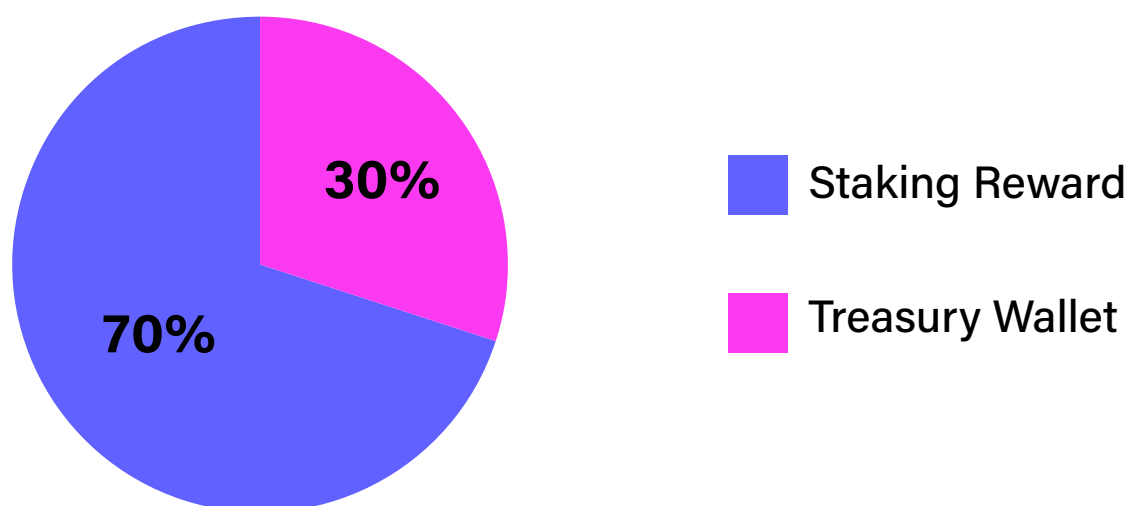
META Token Supply and Allocation

Token Name: META Token

Token Symbol: META

Total supply = 100,000,000 Million Token

The total 100 million tokens are organized as follows:



Land Staking is the process of delegating or locking up Hexes (Digital Lands) in its ecosystem project Metaverse Global to earn rewards. 70% of the supply is set aside for yield farming and rewards. The remaining 30% of the minted tokens will be automatically sent to the Treasury wallet for further development and marketing.

Staking rewards and Inflation

META Chain distributes a fixed supply of META tokens each year as rewards to stakers. The number of rewards is higher in the first two years compared to the remaining years. The supply will be reduced over time to ensure immunity to inflation and to keep the token appealing to users.

Year	Emission Rate Per Block (META)
1	96,000
2	47,945
3	31,680
4	15,840

ECOSYSTEM PROJECT

Metaverse Global was launched as ecosystem project of Meta chain to address legacy issues from centralization namely: lack of true ownership, insecure storage and exchange, and one-sided governance.

lack of true ownership

Traditionally, the developers own all of the game's related data, including items, digital currency, and collectibles. On the contrary, blockchain-based games provide players with true ownership of assets via NFTs. They are permanent in the sense that once created, they remain on the blockchain in perpetuity. This application will boost player engagement and creativity while also enabling the digital assets to be traded on secondary markets.

Insecure storage and exchanges

The data collection in centralized way is invulnerable for hackers to attack or steal virtual game assets of players. More importantly, in traditional games, play-to-earn players typically earn money by leveling up a character, acquiring special items and collectibles, and then selling such items to another player. They frequently rely on external exchange platforms or switching account method, which usually results in a sca

One-sided governance

Traditional online gaming do not usually offer players much participation in determining gaming direction. On the contrary blockchain-based games can spawn a model that offer players to collaborate with developers via voting right feature based on the number of tokens. As a result, the developer can create more exhilarating experiences according to the needs of the players.

WHAT IS METAVERSE GLOBAL?

Modern technology has blurred the line between physical and digital worlds. With the accelerated development of technology and the COVID-19 pandemic force, the ways people interact and communicate have been increasingly depending on online channels. Originally, the term "Metaverse" was first invented in Snow Crash, 1992 sci-fi novel by Neal Stephenson. Today, it proved that a 30-year-ago fantastical concept has become evident. Virtual spaces in digital environment, such as, online games, social medias, and virtual reality are indispensable in people's lives, and the digital and physical worlds are essentially intertwined. Such revolution is a gateway to limitless imaginations and opportunities to business world.



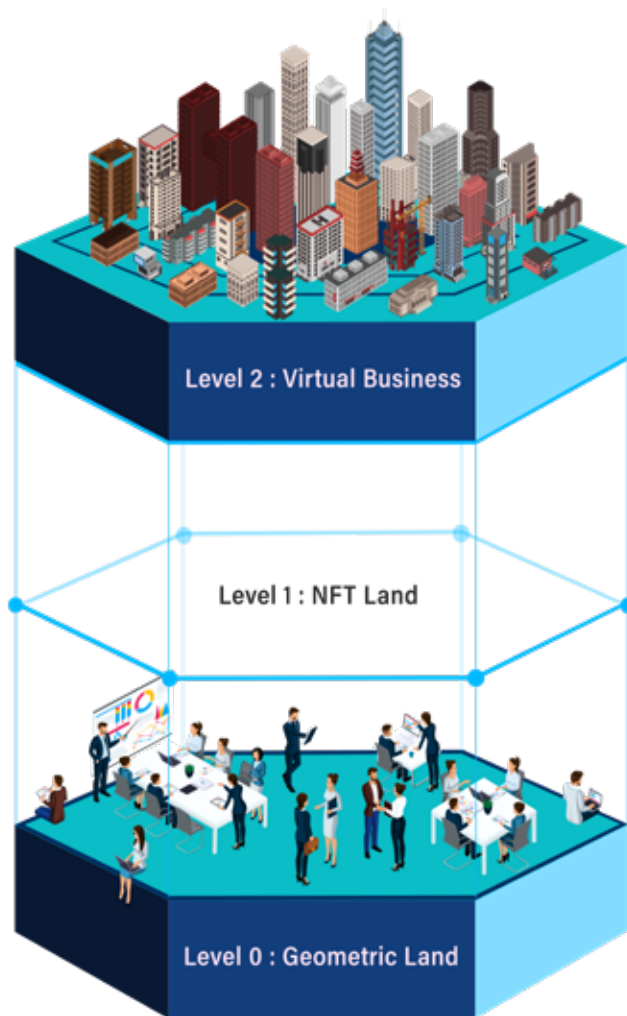
Metaverse Global is a large-scale online NFT platform that operates on META chain. META Token serves as a governance token that power transactions made on the Chain. In this 3D virtual environments namely Thailand, Dubai, and Singapore, users are able to visit, to buy/sell/or develop lands and spaces, to vote, to interact and to play games with friends. Apart from the pleasure aspect, As Metaverse Global's maps are made of real-world environments, they enable users true ownership of virtual lands where they can build on their real-world businesses.

Initially, Metaverse Thailand is the first series of Metaverse Global. Within 33 hours of presale, It has successfully sold out "hexes" which are digital representation of lands in the game. These hexes are Non-Fungible Token (NFTs) that can be developed, resold, and exchanged between the users. Users can own several adjacent hexes to build larger property which sometimes lead to the increase of land values and traffic. From the success of Metaverse Thailand that has rapidly formed a community with over 5,000 users who have different backgrounds ranging from corporates to developers, artists, and gamers, Metaverse Global has added up additional platforms to its series including Metaverse Dubai and Singapore.

The same underlying mechanisms and functions including META Chain and META Token will still be applied to the latter platforms which are virtually built from Singapore and Dubai landscapes. However, we aim to captivate the uniqueness of both environments and portray Metaverse Singapore as a center of the virtual financial world while Metaverse Dubai will serve as a center of the innovative property development.

LEVELS OF METAVERSE GLOBAL

Metaverse Global can be broken down into three level as follows;



Can a game change reality?



Level 0 : Geometric Land

In Metaverse Global, the map is made up of digital representation of Thailand, Dubai, and Singapore landscapes. The areas are arranged in geometric manner of hexagon block. User can own, sell, or buy such representation in the platform.

UTILITY TOKEN



MVP Coin

MVP is the main utility token that is used as the basis for purchasing Digital Land (Hex) across all Metaverse Global platforms. It prevails over other in-game currencies and is considered privileged method of purchasing first-hand virtual lands. However, the lands can be resold and traded in which the prices are determined independently by the users.

WHY THONGLOR-EKKAMAI IS THE MAIN MAP IN METAVERSE THAILAND?

Thonglor-Ekkamai is considered a touristic destination and the most sought-after place that has high prices. Metaverse Thailand paves the way for people to acquire valuable locations of Thailand in order to empower new business ideas of the young entrepreneurs and foster a virtual community. It is an unprecedented experience.

Thonglor-Ekkamai: All-time favorite

Standing out from Sukhumvit neighborhood, the Thonglor-Ekkamai is an area that never sleep. It is not only a center of real estate development but also an entertainment center for newgen people who work hard but play even harder. Moreover, people can easily commute between Thonglor and Ekkamai (Sukhumvit Soi 55 and Sukhumvit Soi 63) as they are interconnected by alleys and provided with broader public road system than other Sukhumvit areas. For this reason, it has become the prime area that attracts both Thai and foreign investors.

Living a perfect lifestyle

Not only is Thonglor-Ekkamai an area with many amazing hangout spots, but it is also enriched with lifestyle facilities such as co-working spaces, shopping centers, quaint cafés and restaurants, community malls, and luxury condominiums.

Indisputable Pros of Thonglor-Ekkamai area

With its modernity and extensive range of facilities, Thonglor-Ekkamai area satisfies diverse lifestyles. It is a one-stop neighborhood where you can eat, shop, hang out, study, or rest. Besides its vibrant and wide offerings, real estate development in this area is fulfilled with creativity from the business competition of young entrepreneurs and the absence of monopoly by few groups of business moguls. Although Thonglor-Ekkamai area is relatively expensive, several investors still want to occupy this area from its continued rising prices of lands that are resulted from the vigorous vibe of Thonglor-Ekkamai community.

WHY DUBAI AND SINGAPORE ARE THE MAIN TOPOGRAPHICAL MAPS IN METAVERSE GLOBAL?

Dubai

Situated on the southern coast of the Persian Gulf, Dubai is regarded as one of the most unique and best cities in the world. Its recognition derives from skyscraper and high-rise buildings, artificial islands, and luxurious culture. There are numerous reasons that make Dubai a virtual center for property developers in Metaverse Global.

Innovative and advanced architecture

Dubai has experienced an extraordinary growth in architecture development. Its ultra-advanced buildings and projects have attracted real estate transactions and made itself one of the most modern cities. Some of architectural wonders include Burj khalifa, palm-shaped islands, Cayan Tower, and Burj al Arab. The city continues to add more innovative and ambitious projects in the upcoming years. Dubai is also the host of World Expo 2020, a platform for countries around the world to showcase the greatest innovations.

Openness to diversity

Multiculturalism is a fundamental element to build a strong community. We believe that this value apply not only to physical world but also to metaverse community. Dubai is a home for expat community who have different language, religious, and cultural heritages. There are almost 200 nationalities living in Dubai and 90 percent of its population have been born outside the city. For this reason, there are many different holidays and events for people to celebrate.

Luxurious lifestyle and property market

Dubai is one of the most expensive city in the world. The idea of 7-star hotel and Lamborghini police cars actually originated from this city. Owing to its innovative and incredible attractions, there is a high demand of properties in Dubai leading to the rise in prices on the average of 1.3% monthly amidst the COVID-19 pandemic.

Singapore

In spite of its small land and natural resources, Singapore has emerged as a global financial hub with most advanced economies in the Asia pacific region. Metaverse Global depicts Metaverse Singapore as a virtual fintech hub of Asia from the following advantages.

Human capital

Singapore labor force is highly educated, competitive, and motivated especially in the financial sector. Its public and private sectors are working closely to ensure that the people are well trained and responsive to the evolving technology and business landscapes. Therefore, the human capital and the available of sophisticated financial services are a crucial part of virtual fintech society.

Business-friendly environment

Singaporean government plans to make its country to be the world's first "smart nation" by 2030. As a result, heavily supportive policies and measures from the regulators are gravitating to fintech area. Such government schemes has spurred several successful startups as well as created an attractive business environment from funding around the world, and provided technology awareness to its people.

Intellectual Property

Singaporean law is stringent and well-enforced. It is ranked second in the world and first in the Asia for intellectual right protection in 2019. Consequently, this has created a favorable and safe environment for startups to compete in the race of inventing innovative products and services.



Level 1 : NFT land

Unlike fungible assets such as money that is interchangeable, Non-fungible tokens (NFTs), is a unique and irreplaceable digital assets. They could vary, for example from artworks, music, videos, to digital lands. NFT lands embrace blockchain technology enabling them to be tokenized and creating certificate of ownership. It is designed to prevent forgery and duplication problems of digital files on the internet. Interestingly, unlike physical land ownership, virtual land ownership is inherently decentralized and secured which mean that safe transaction paradigm can be obtained via blockchain without a need for intermediaries between buyers and seller.

Hex

In the Metaverse platforms, Hex refers to blockchain-based digital Lands. Users can edit Hexes, including Merge and Split, and publish 2D and 3D content within their estates. The total number of hexes available in Metaverse Global varies depending on the city. The presale of hexes in Metaverse Thailand, Dubai, and Singapore will be done in phases, with around 100,000 – 200,000 hexes per district in each phase. For example, the first phase of Metaverse Thailand has begun in the Thonglor-Ekkamai area, with 89,000 hexes available, whereas the first phase of Metaverse Dubai has begun in Downtown Dubai, with 220,000 hexes available.

Level 2 : Virtual Business

Unlike other Metaverse platforms, Metaverse Global does not only allow users to buy certain spaces and build their world in it but aims to transcend the realm of business world by providing tangible business services and virtual office features for the community.

Indeed, Metaverse Global is a decentralized community platform where people can express themselves and engage with their friends. They can buy, sell, name, or even develop the lands they own. However, Metaverse Global goes beyond just pure pleasure platform as it allows users to develop their physical-world businesses through the utilization of land ownership and VR/AR technologies in, for instance, virtual flagship store, event hosting, and advertising. More importantly, it offers business incentive packages in owning a virtual office as well as the real address in Singapore.

The virtual office will have a business address in Singapore to ensure the owners can reach their business anywhere in the world. They can establish and maintain a professional network with a specific business address and allow themselves the freedom and dynamic in a working environment, accessing the global communities without their presence in Singapore.

More importantly, A Plus Fintech has partnered with Morison Global, which is an international network of independent firms focusing on audit, accountancy, advisory, and tax services. These services are accessible in the platform and will be the magnet to foster bigger Metaverse Global community.

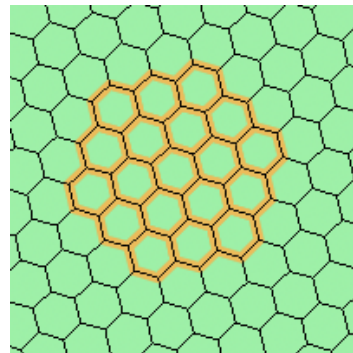
MAJOR FEATURES

Editing Hexes (Merge/Split/Display 2D&3D)

Users are able to merge or split connected hexes. For instance, in the case users want to sell a part of land, they can split it. Moreover, Metaverse Global empowers users' creativity by allowing them to display or advertise their digital arts, images, and NFTs both in 2D and 3D models within their hexes. The adjacency and size of lands affect the customization constraints.

Automatic display feature of 2D image

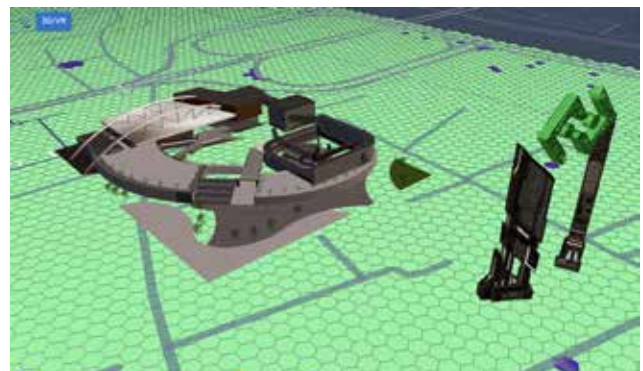
Size	Number of Grid
1 Grid	1
1 Ring	7
2 Ring	19
3 Ring	37
4 Ring	61
5 Ring	91
6 Ring	127
7 Ring	169
8 Ring	217
9 Ring	271
10 Ring	331



2 Ring = 19 Grid



2D Image



3D Model

MAJOR FEATURES

Virtual Reality (VR)

In Metaverse Global, users are able to experience Virtual Reality (VR) through the possession of VR glasses, computer, or mobile phone. Occasionally, Music Festivals and special events rendering 4G Multi-location cross platform VR technology are hosted and allow participants to select their concert seats, enjoy real-time handshaking or gift sending moments with their favourite artists.

The 4G VR Multi-Location Cross Platform enables both artists and audiences from different locations in physical world to simultaneously share a virtual experience of live concert. Only an area of 2 cm² in physical world is required for audiences to savor real time interactions such as gaming and wandering around with the artists, and immerse in live virtual performance. It is the harmony between the physical and virtual world.

Augmented Reality (AR)

AR technology is an interactive 3D experience that enhances real-life environment with a digital visual elements. With the current mobile phone features, users can enjoy the benefits from such technology with Metaverse Global as they can experience a virtual tour of digital estates and architectures, which are placed over images of the real world, through an AR application.

Vote

In Metaverse Global, MetaVote is a voting feature in the communal area called "Town hall". The feature helps to stipulate a more vibrant and diversified experiences in the governance of the game by using META Token to vote.

ROAD MAP

Metaverse Global continues to expand the community and become worldwide in 2022 by offering more comprehensive features in land exchanges, adding gaming function, exposing itself to more global exchanges, and securing global business partner. Its mission is to transform Metaverse Global to become the center platform that changes reality of business and leisure world.

2021 - Launch

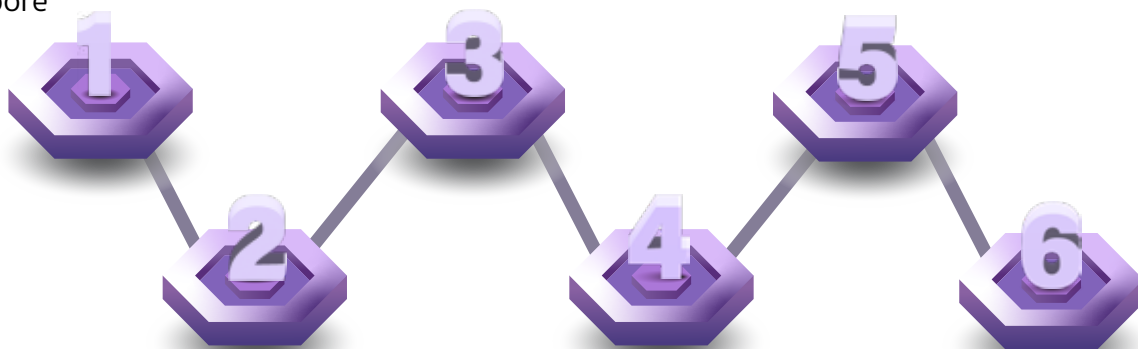
- Open Beta Launch
- Buy & Sell Feature
- Only Thonglor-Ekkamai
- Support MVP Coin and BUSD
- Audited Tax and Advisory Service in Singapore

Q4-2021

- DeFi on Land Plot Feature
- Update 2D/ 3D Model
- New Partnership
- Use Case Governance Token
- Business Forum Function

Q2-2022

- Integration with Bitkub Next & Bitkub Chain Ecosystem
- Software Development Kit (SDK)
- Major Update 3D Game Engine
- Offshore Incorporation Service



Q3-2021

- Merge/ Split Land Feature
- Purchase Offer Function
- 2D/ 3D Model on Maps
- Governance Token Announcement
- User Profile
- New Partnership
- Corpxervice Business Virtual Office

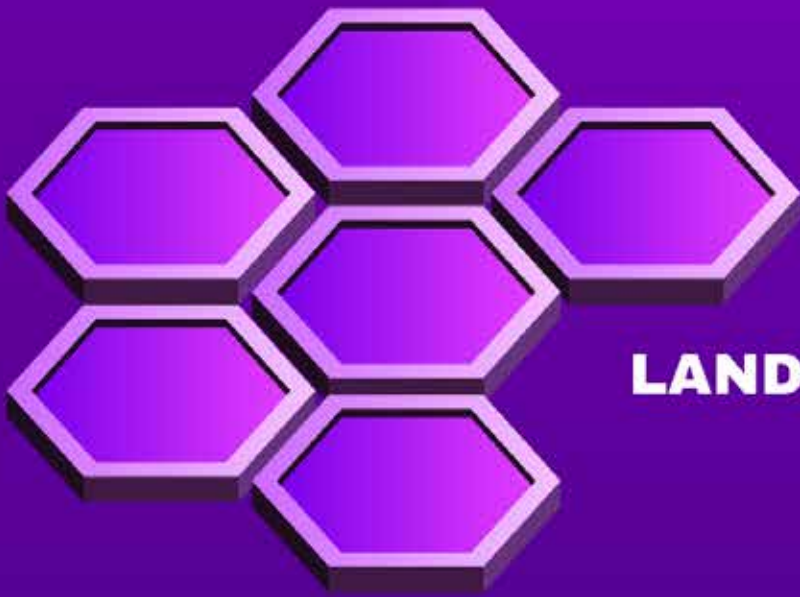
Q1-2022

- Audited by Certik
- Metaverse Thailand Accelerator Fund
- Bitkub Blockchain Technology Partnership
- Morison Global Business Partnership

2022 Metaverse Global

- Metaverse Singapore
- Metaverse Dubai

HOW TO EARN META?



LAND (HEX) STAKING

BUY AND SELL META TOKENS
AT <https://mar.exchange/>



OUR LEADERSHIP TEAM



Paul Wan
Founder,
Chair of Morison Global



Parin S.
Project Coordinator,
CEO of Multitechnology Expert



Opas Cherdpunt
Head of Marketing,
CEO of M Vision PCL.



Dome Charoenyost
Blockchain Team Leader,
CEO of Tokenine



Pongsakorn Udombua
GIS Team Leader,
CTO of i-bitz



META