

January 2022

METaverse THAILAND

Can a game change reality?

Website : <https://metaversethailand.io>

Telegram : <https://t.me/metaverseth>



TABLE OF CONTENTS

Table of Contents	00
Abstract	01
About A Plus Fintech	02
Introduction	03
The Evolution of The Internet	03
Gaming Industry Outlook	04
Problem Statement	06
Lack of Ownership	06
Insecure Storages and Exchanges	07
One-Sided Governance	07
Tourism and Working	08
What is Metaverse Thailand?	09
Levels of Metaverse Thailand	11
Level 0 : Geometric Land	11
Thonglor-Ekkamai: Main Map of Metaverse Thailand	12
Level 1 : NFT Land	13
Level 2 : Virtual Business	13
Major Features	14
Tokenomics	16
Meta Token	17
Meta Chain	18
Roadmap	22
Team	23

ABSTRACT

Blockchain technology has now become one of the world's most revolutionary revolutions. Its decentralized, immutable, secure, and low-cost characteristics have paved the way for our society's future infrastructure. It has inspired several developers, resulting in the development of Decentralized Finance (DeFi) and Non-fungible tokens (NFTs). The combination of decentralized access to financial services and asset tokenization opens up endless possibilities for many businesses in fields such as entertainment and tourism.

A Plus Fintech recognized the rapid advancements in the blockchain domain and launched the Metaversethailand.io project, which is a decentralized virtual platform powered by META chain. Metaversethailand.io is a synthesis of NFT, gaming, and blockchain technologies that will provide developers and users with limitless opportunities while also creating a significant impact on the entertainment and tourism industries.

ABOUT A PLUS FINTECH

Headquartered in Singapore the global hub of Business, A Plus Fintech Pte Ltd., is a financial technology company that primarily focuses 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.

Paul Wan 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.

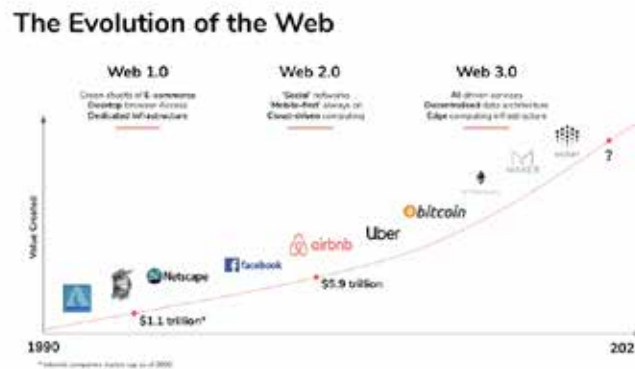
Morison Global is an organization that brings together a global network of leading companies providing accounting, auditing, tax management, corporate finance, IT and legal experts. Mr. Paul Wan who has strong connections with companies around the world and is behind many successful business deals, until being trusted by customers in all continents around the world. He has travelled to more than 50 countries and visited 80 over cities for businesses.

Asides from Blockchain technology that enables easy and efficient business transaction, A Plus Fintech has continued to embrace and harmonize new technologies to its existing ecosystem. Metaverse Thailand is its latest mission, which aims to transform conventional ways of doing business in the reality into unprecedented virtual experiences.

INTRODUCTION

THE EVOLUTION OF INTERNET

Nowadays, the internet is a necessity in our daily lives. It affects and benefits people in a variety of ways. One of its distinguishing features is the ability for people to virtually connect with one another. Since its inception, the internet has evolved into three distinct eras.



Web 1.0

The static nature of web 1.0 means that information is presented in a one-way manner by creators. Users can only search for and read content; there is no room for interaction, such as comments between users and website creators. The nature of data and its storage are heavily reliant on centralization.

Web 2.0

The read-write web is referred to as Web 2.0. It strengthens the 1.0 web by allowing users to create content and interact with other users. Facebook, YouTube, and Twitter are some of the most popular social media platforms. Despite the fact that users can create content and data is decentralized on these platforms, the owners of the platforms frequently own 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 Web 3.0 because it is still in its early stages and society is in the process of developing this paradigm. One notable difference is the degree of decentralization that extends to data storage. Blockchain technology, such as NFTs, DeFi, and Metaverse, are critical building blocks in this paradigm, allowing users to "own" the data and benefit or monetize from it.

INTRODUCTION

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 measurers, 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.



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 play video games and in 2021 its market is worth around 30 billion USD.

INTRODUCTION

GAMING INDUSTRY OUTLOOK

The revenue streams of gaming industry derive mainly from four sources, namely, hard ware, software, in-game purchases, and advertisement. 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.



PROBLEM STATEMENT

Metaversethailand.io and META chain were originally born as a single platform to tackle sets of problems arising from three business areas, which are gaming, tourism, and office working.

GAMING

In spite of such promising growth in gaming industry, traditional gaming still poses legacy issues arising due to centralization. The application of blockchain and Non-fungible tokens (NFTs) can address these problems and provide a gateway to endless opportunities in gaming industry. Main problems in tradition gaming model are lack of ownership, insecure storages and exchanges, and one-sided governance.

LACK OF OWNERSHIP

Generally, majority of traditional games operate in centralized models meaning that the developers own all of related-data in the games from items, digital currency and collectibles.

On the contrary, blockchain-based games enable players the true ownership of assets via NFTs. They are permanent meaning that as once they are created, they exist on blockchain forever. This application will increase engagement and creativity of players in the game as they know that they can truly develop something that will not be removed and can be traded on the secondary markets.

INSECURE STORAGES AND EXCHANGES

Traditional online games often operate on centralized servers. The data collection in centralized way is invulnerable for hackers to attack or steal virtual game assets of players.

More importantly, play-to-earn gamers in traditional games usually make their earnings by building a character to be more powerful, acquiring special items and collectibles for the purpose of selling such belongings to another player. However, they often rely on external exchange platform or have to switching account method which usually end up in scam problem. NFTs provide a solution as they own true ownership and can trade the assets on multiverse platforms.

ONE-SIDED GOVERNANCE

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

TOURISM AND WORKING

Thailand Tourism industry is one of the main contributions to Thailand's gross domestic product (GDP). In 2019, it contributed 20% of Thailand's GDP; however, since 2020, the tourism industry has been facing an unprecedented contraction. With the government restrictions, including travelling bans and suspension of international arrivals, the number of foreign visitors dropped to 6.7 million in 2020, or 83% lower than the previous year.

The pandemic also shapes the behavior of how people work. Work from home has become the new buzzword today proving that work is not necessarily involved in destination but the ability to communicate effectively between colleagues and clients with technology.

Since it is not about destination, virtual office concept in metaversethailand.io could be the platform to maintain work performance for businesses in the future. It can also help your business to reduce physical costs and secure faster sending and receiving of mails, plus other benefits for business offices and personal use. This keeps your home address private in other ads and websites.

OUR SOLUTION

Metaversethailand.io does not only aim to tackle current gaming problems but also serves as the tool to promote Thailand tourism industry and working platform for the future.

WHAT IS METAVVERSE THAILAND?



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 proves 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.

WHAT IS METAVVERSE THAILAND?

Metaversethailand.io is a large-scale online NFT platform. It is powered by META chain, encompassing Non-fungible-token and DeFi. In this 3D virtual environment, users are able to visit, buy or sell lands and spaces, to interact and to play classic games with friends. However, instead of focusing on pleasure aspect, Metaverse Thailand distinguishes itself from the other metaverse platforms by offering business services within the platform and bridging between virtual office and virtual gaming.



OFFICE IN A
HEX

by  **FINTECH**

LEVEL OF METaverse THAILAND

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



Can a game change reality?



multi technology expert

tokenine
tokenine Co., Ltd.



LEVEL 0 : GEOMETRIC LAND

In Metaverse Thailand, the map is made up of digital representation of Thailand landscapes. The areas are arranged in geometric manner of 4x4 hexagon per block. The 1st phase of Metaverse Thailand is based on a map of Thonglor-Ekkamai neighborhood with 89,000 blocks and will continue to expand to other areas in the near future. Users can own, sell, or buy such representation in the digital platform.

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,preneurs 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.

LEVEL 1 : NFT LAND

Unlike fungible assets such as money that is interchangeable, Non-fungible tokens (NFTs), becoming popular buzzword on the internet, are 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 sellers.

LEVEL 2 : VIRTUAL BUSINESS

Unlike other Metaverse platforms, Metaverse Thailand 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 Thailand is a decentralized community platform where people can express themselves and engage with their friends in the form of digital avatar. They can buy, sell, name, or even develop the lands they own. However, Metaverse Thailand goes beyond just pure pleasure platform as it offers business incentive packages in owning a virtual office as well as the 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 is associated with Morison group 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 Thailand community.

MAJOR FEATURES

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

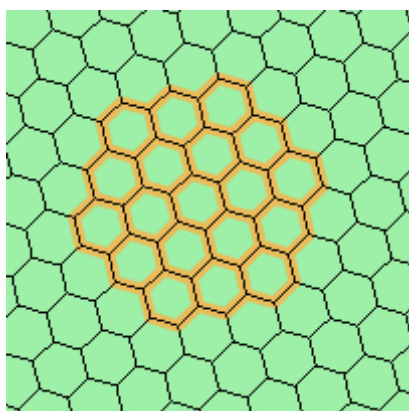
Users are able to merge or split connected hexes. For instance, in the case users want to sell a part of land, they can split it. Moreover, Metaverse Thailand empowers users' creativity by allowing them display or advertise their digital arts, images, and NFTs both in 2D and 3D models within their hexes.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

Automatic display feature of 2D image

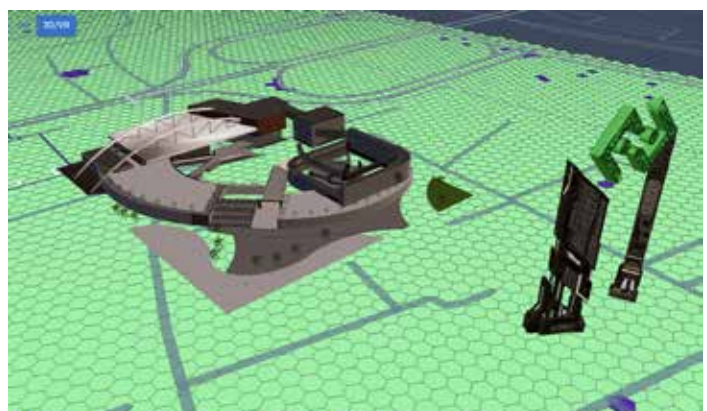
Size	Number of Grid
1 Grid	1
1 Ring	7
2 Ring	19
3 Ring	37
4 Ring	61
5 Ring	91
6 Ring	127
7 Ring	169
8 Ring	217
9 Ring	271
10 Ring	331



2D Image



Lorem ipsum



3D Mode

MAJOR FEATURES

Virtual Reality (VR)

Users in Metaverse Thailand can experience Virtual Reality (VR) by using VR glasses, computers, or mobile phones. 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 favorite artists.

The 4G VR Multi-Location Cross-Platform allows artists and audiences from all over the world to share a virtual experience of a live concert at the same time. Audiences can enjoy real-time interactions such as gaming and wandering around with the artists, as well as immerse in live virtual performance, with only a 2 cm² physical area required. It is the balance of the physical and virtual worlds.

Augmented Reality (AR)

AR technology is a 3D interactive experience that adds digital visual elements to a real-world environment. Users can enjoy the benefits of such technology with Metaverse Thailand by taking a virtual tour of digital estates and architectures that are placed over images of the real world using current mobile phone features.

Vote

Voting is available in Metaverse Thailand at the communal area known as "Town hall." By voting with META Token, the feature contributes to more vibrant and diverse experiences in game governance.

TOKENOMICS

In-game Currencies

Users are able to obtain hexes through in-game currencies: MVP Coin, and BUSD. However, MVP coin prevails over the other currencies and is considered a 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.

META TOKEN

META Token (META) is the governance token that powers transactions on the META chain and the Metaverse Thailand 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 can be tradeable and transferrable between users.

Its utilities are outlined below :

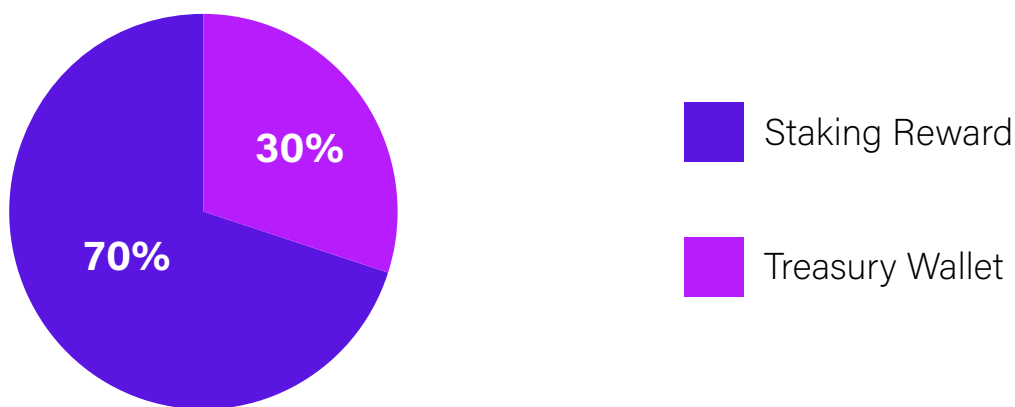
- Transaction Fee (Gas) on META Chain
Gas Fee refers to the payment of computational effort used to validate and execute transactions. META Token is not only used to fuel asset transfer but also to achieve any smart contract and dApp transactions on Meta Chain.
- Voting on the governance of META Chain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

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 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

META CHAIN

Meta Chain is an open-source decentralized transaction public chain that provides a secure infrastructure for developers to create Dapps 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 Thailand.

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 Thailand 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 Thailand platform 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>

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).



SECURITY AND CONSENSUS

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.

How to earn META?

- 1. Land (Hex) Staking**
- 2. Buy and Sell META tokens at <https://mar.exchange/>**

WELCOME TO
METAVVERSE
THAILAND

ROADMAP

Metaverse Thailand continues to expand the community and become global 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 Thailand to become the center platform that changes reality of business and leisure world.

2021 - Launch

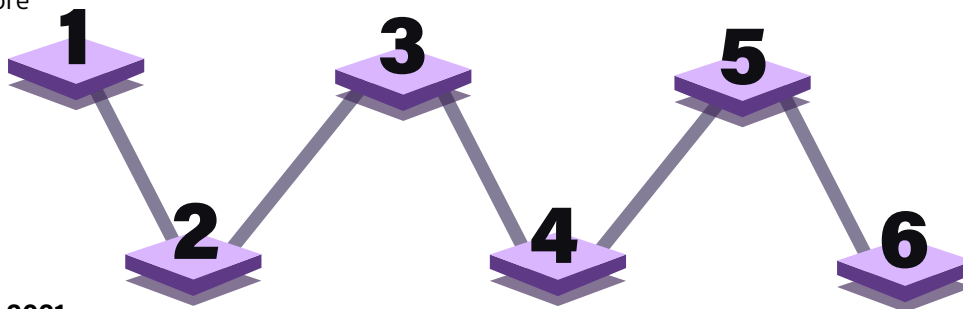
- Open Beta Launch
- Buy & Sell Feature
- Only Thonglor-Ekkamai
- Support MVP Coin and BUSD
- Audited Tax and Advisory Service in Singapore

Q4-2021

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

Q2-2022

- New Partnership
- 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
- Stable Coin Announcement
- User Profile
- New Partnership
- Corp-service Business Virtual Office

Q1-2022

- Audited by Certik
- Listing on CEX
- Listing on Coingecko, CMC
- New Update Feature
- New Partnership
- Morison Global Business Partnership

2022 Metaverse Global

- Metaverse Singapore
- Metaverse Dubai

TEAM



Paul Wan
Founder,
Chair of Morison Global



Parin S.
Project Coordinator,
CEO of Multitechnology Expert



Opas Cherdpunt
Lead Marketing,
CEO of M Vision PCL.



Dome Charoenyost
Lead Developer,
CEO of Tokenine



Pongsakorn Udombua
GIS Developer,
CTO of i-bitz



Metaverse
THAILAND