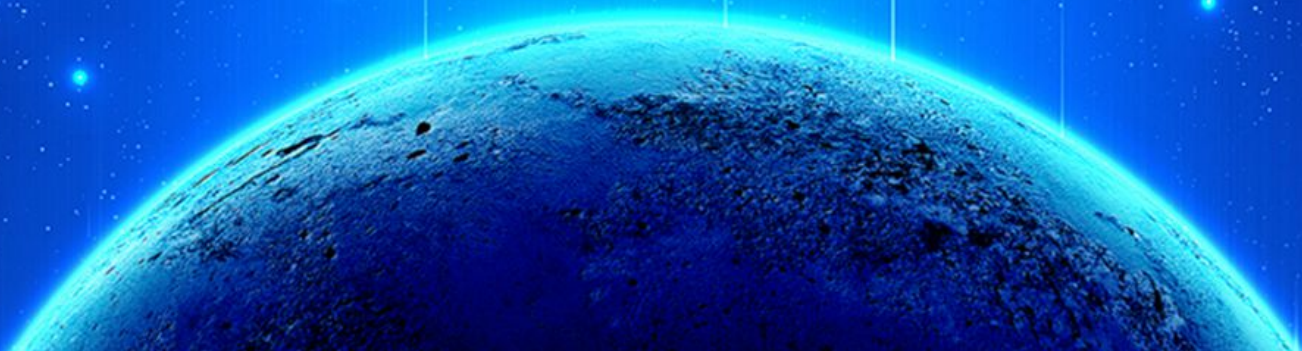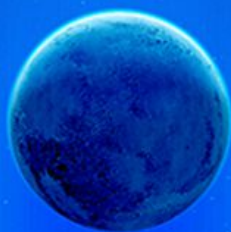# WHITE PAPER

All Connections in MXBOX to Metaverse

MXBOX

FOREWORD

In 1992, the concepts concerning Metaverse and Avatar were introduced in the science fiction novel Snow Crash. Since then, there has been plenty of discussion and research on the Metaverse, involving a persistently decentralized online virtual world in which people can have their own avatars. This world can be considered a twin mirror of the physical world and what's more, it can break through the physical world. This virtual world is called "Metaverse".

Today, as the world is facing a new trend of technology revolution to enter the Metaverse, the main technologies required to bring the Metaverse from illusion to reality are increasingly advanced.

The Metaverse is a virtual space created using various technologies and products such as Blockchain, Artificial Intelligence, Augmented Reality, and Machine Vision.The current adequacy of Metaverse development is primarily derived from the technical limitations of the hardware and software required to interact with the virtual environment in real -time.

MXBOX, an open software/hardware platform for the Metaverse, will accelerate the Metaverse and a new era is coming!

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1. INTRODUCTION OF MXBOX

MXBOX is the most realized solution to make the Metaverse become reality.

1.1 From Virtual to Real Life

1.1.1 Product Orientation

As the first open platform of software+hardware in the world built for the Metaverse, MXBOX aims to create an entrance of reality into the virtual. It is called the gateway to the Metaverse.

1.1.2 Open Source

MXBOX is a dedicated hardware platform designed for the Metaverse world, open to support enhanced reality products such as VR/AR, next-generation sensors and revolutionary HCI.
MXBOX provides a customized OS software platform for the Metaverse, with comprehensive support for WEB3.0 and system-level access to any Metaverse APIs.

1.1.3 MxAPP Ecosystem

MXBOX's highly compatible and transparent features allow for the speedy development of an application ecosystem. Games, Education, Live Streaming, Social, Manufacturing and other traditional Internet services and WEB2.0 products can take advantage of MXBOX's technical support as efforts to usher in the WEB3.0 era and to enter the Metaverse.

1.2 Technology Empowerment

1.2.1 Blockchain

The decentralized identity (DID) of MXBOX, which is solidly based on blockchain and bound by hardware, not only helps users to prove their identity. It can also return data and privacy to users through decentralized technologies such as decentralized ledgers, public-private key pairs and more.
DID is a digital identity for the Metaverse and is the core of WEB3.0 applications.

1.2.2 HCI

MXBOX combines VR/AR, physical sensing, movement capture, face recognition, real-time audio & video and other technologies to build a new interaction in Metaverse in which you will have an immersive space to experience.

1.2.3 AI

MXBOX's enhanced chip SoC designed with dedicated AI opcodes enjoys hundredfold improvement in machine learning and AI efficiency.

1.2.4 Decentralized Network

MXBOX is also a decentralized network device, where each node contributes to the network and supports diverse decentralized application scenarios.

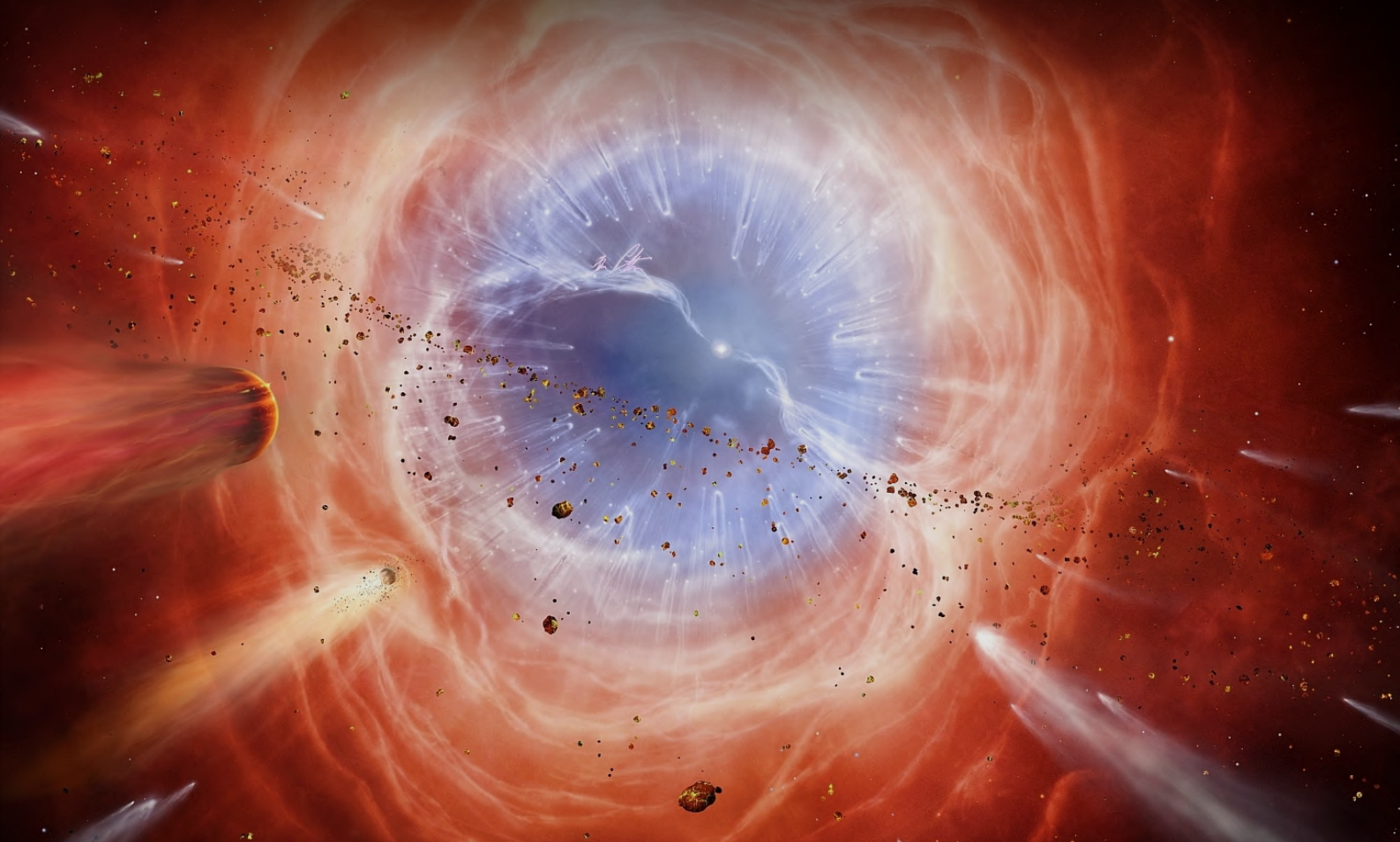### 1.2.5 Cloud Computing

MXBOX supports cloud computing technologies, perfectly solving the arithmetic needs of scenarios requiring high computing power, such as large games, video editing, modeling and rendering.

1.2.6 Consensus

PoS (Proof of Space): One MXBOX represents a block of Metaverse space
PoA (Proof of Activity): A hybrid of PoW(Proof of Work) and PoS(Proof of Stake) consensus mechanism.

2. MXBOX ECOSYSTEM

2.1 Identity Scenario Layer

MXBOX NFT will be used as the application scenario of MXBOX, and everything in the Metaverse will be shown in the form of NFT, characters, roles, props, etc. In the first phase of MXBOX there will be character NFT, equipment NFT, holding our NFT as an entrance key to access other benefits of MXBOX: accelerated mining, whitelist, pre-mint access, vote and governance.

2.2 NFT Avatar World

The planet Naya in the ancient Bode's Galaxy was home to hundreds of races, one meteor explosion, which led to the ecological disaster of all things. In the imminent demise of the planet, four major races escaped and survived. The four races were displaced to Poder, one of the planets in the Bode's Galaxy, and they are Ataley, Laveller, Kea, and Asei Tai.

Ataley race (Ataley)

The bottom of the laborers, a lifetime of hard work and courage, they have survived with strong aspirations.

Laveller race (Laveller)

Despite lower intelligence, they survived in the disaster with admirable fortitude.

Kea race (Kea)

They escape from the risk of planet destruction thanks to their ability to foresee the future.

Asei Tai race (Asei Tai)

The highest controllers of power on the planet Naya. All senior leaders on the planet need to follow their commands, and planet in the time of devastation, Asei Tai race was granted the highest priority to shift the base.

2.2.1 NFT Mystery Box

- Users can obtain a mystery box by consuming MXBOX tokens, and they will randomly get one avatar and equipment NFT.

- NFT will increase the yield rate of MXBOX tokens and game victory ratio.

- Users can stake MXBOX tokens to earn UNO to upgrade NFTs.

2.2.2 Equipment NFT

- Laser Cannon

- High Explosive Quantum Engine

- Particle Accelerator

- Vibranium Battle Armor

- Golden Titanium Shield

2.3 GameFi – Genesis War

2.3.1 Background

After the destruction of the planet Naya, the four races migrated to Poder Planet in the Bode's Galaxy. In this planet, everything is a new beginning. The problem of survival and resource occupation is gradually starting a war of looting. At the same time, due to environmental restrictions, the only solution for the long-term survival of the race on Poder Planet is the acquisition of KT-S energy stones; the more KT-S energy stones are obtained, the longer the survival time on the planet. Therefore, the races on the planet Poder began to infinitely scramble for this purpose of mining. In the face of a large number of land resources on the planet, races need to be allied with each other to seize more land resources with stronger fighting power. A war of plunder is coming......

2.3.2 Mode of Survival

• KT-S energy stones are used to survive and develop on the planet.

• Token will be gained by occupying land resources and collecting energy stones.

• Team alliances will receive Tokens in-game for each victory.

2.3.3 Resource Looting

• In the vast land, the priority is to grab the land resources.

• Depending on the NFT level of each race on the Poder planet, the capacity for resource looting is also different.

2.3.4 Team Alliance

• Create a team alliance with your friends to challenge from other alliances and occupy lands for you

• You need to invite your friends and make a team alliance, which requires you to participate in team battles by registration, and there is a fee for establishing a team alliance.

• After the alliance is set up, create a team alliance name and wait for the start date for both sides to fight for land resources.

2.3.5 Game Ranking

• Mining Power Ranking: Players are ranked according to the amount of block mining counted, and will receive rewards in tokens.

• Battle Power Ranking: An individual players is ranked according to his/her Battle Power value, and will receive rewards in tokens

• Alliance Battle Ranking: Players are ranked according to their Battle Power value, and will receive rewards in tokens.

2.4 DeFi

MXBOX brings together finance and cryptocurrency in a unique synergy that will appeal to crypto enthusiasts, dedicated gamers and financiers alike. Holding MXBOX's NFT entry vouchers and MXBOX tokens is eligible to participate in pledge mining and liquidity mining for a given amount of token revenue which can be exchanged and traded in the marketplace.

2.5 SocialFi

2.5.1

With the aid of MXBOX, users can interact with each other to make friends, communicate as well as entertain, and it also enjoys other more social features, solving the demand of users' social chain, and users can gain more revenue through the financialization and generalization of their social influence.

2.5.2

The market space of SocialFi is imaginable. After all, we will never be separated from the social network circle. When the social circle of the crypto world is opened layer by layer, what it will link will be a global, non-differentiated and distributed social circle, and more value elements will be stimulated and released in MXBOX.

2.6 Web 3.0

MXBOX is a decentralized identity (DID) based on blockchain and hardware binding, which greatly facilitates the access and development of Web3.0 applications. User's DID belongs to the user. Everyone can participate and contribute, and contribution is valuable.
With the security, freedom and engagement brought by Web3.0, users will enjoy unprecedented interaction and race toward the Web3.0 era.

2.7 Open Networks and Platform

MXBOX is an open network and platform as a channel to access the Metaverse, while being very expandable, intervening in software and hardware, and able to connect the reality world as well as the Metaverse, bringing both into one.

2.8 Wallet

In MXBOX, we will develop our own decentralized wallet system featuring DID based on hardware binding, which allows users to complete transactions in the wallet, ensuring the security and convenience of digital assets. The centralized management of devices, transfers, withdrawals and other functions will be realized in the wallet.

2.9 Marketplace

MXBOX NFTs marketplace is available for NFTs issued by MXBOX and those launched by other major chains.

3.0 MxAPP

As an open software platform, MXBOX supports installing and using third-party APPs, and MxAPP application market to manage third-party APP's authorization, access, installation, and uninstallation.
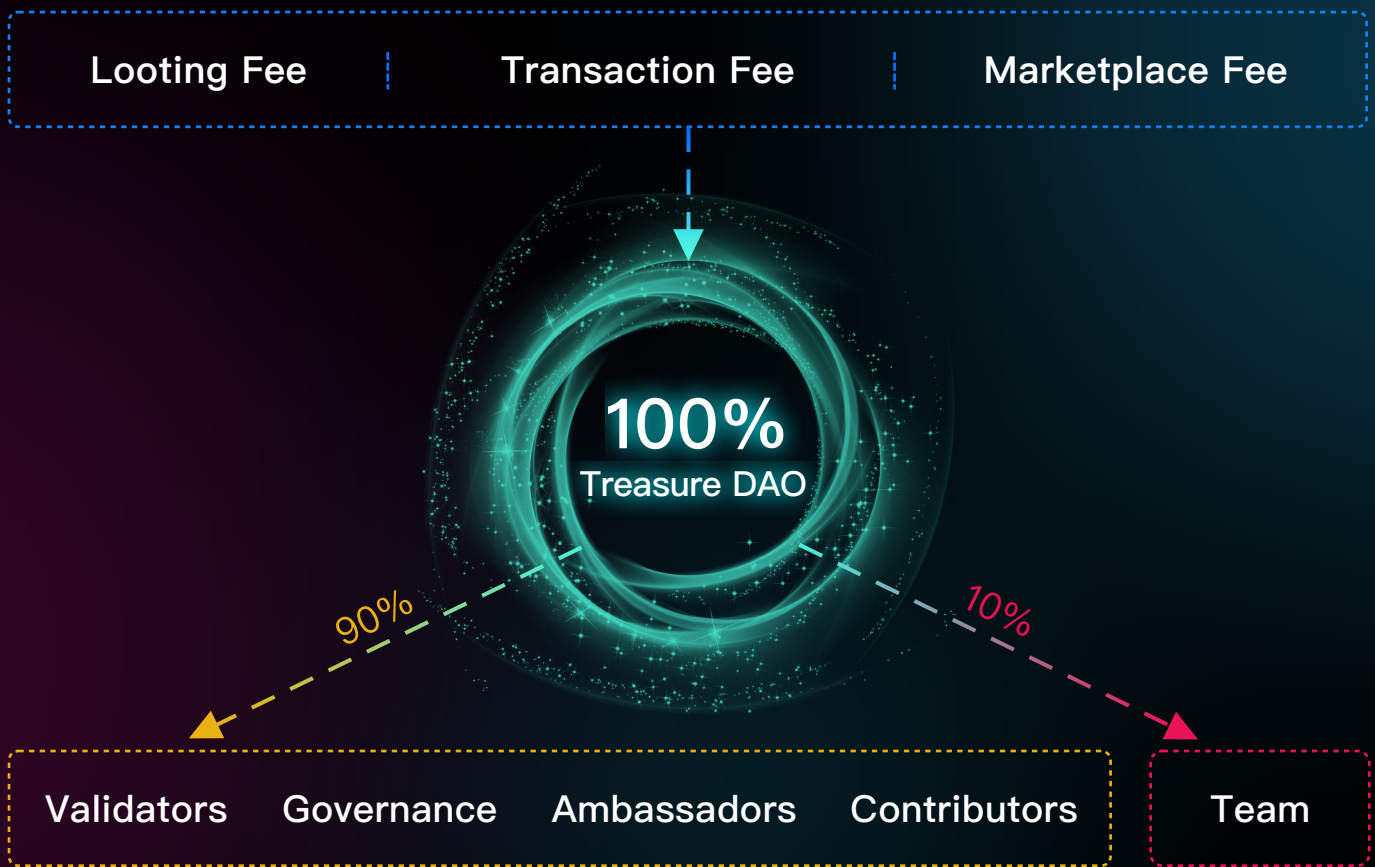
3.1 DAO & Governance

3.1.1 DAO

Decentralized Autonomous Organization. With this platform, all MXBOX members will automatically be organized into a decentralized organization, a community built around a mission that coordinates and collaborates through a set of shared rules implemented on the blockchain, which allows any member to make decisions, participate in voting, and governance.

3.1.2 Treasure DAO

Refers to a decentralized organization vault. As illustrated in the diagram:

| Looting Fee | Transaction Fee | Marketplace Fee |

100%
Treasure DAO

90%

10%

| Validators | Governance | Ambassadors | Contributors | | Team |

In the MXBOX ecosystem, there are several types of fees that are generated in the Treasure DAO, which include fees for looting other users' resources, fees for upgrading/synthesizing/repairing equipment, and fees for trading in the marketplace.

90% of the Treasure DAO is awarded to node validators, governance workers, MXBOX contributors and community ambassadors. The other 10% will go to the team to cover future costs of development and upgrade, operation, and maintenance of MXBOX.

3.1.3 Governance

Users staking token $MXBOX will become governance workers, The top 50 stake will become super nodes, that have the access to proposal and governance, and regular nodes have voting access. A number of MXBOX tokens will be burned when voting.

3. TOKENOMICS

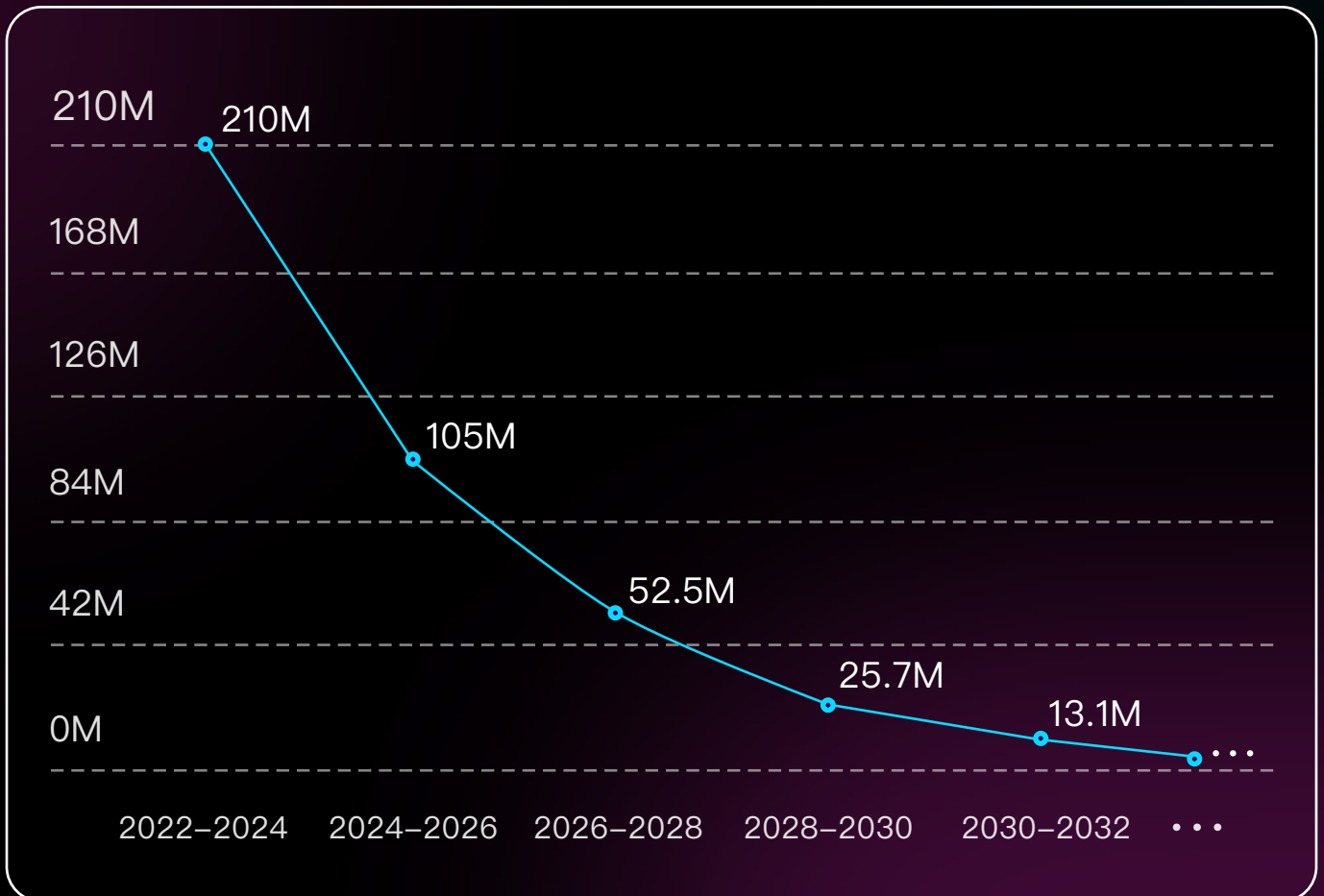## 3.1 Governance Token

Token name: **MXBOX**   Token symbol: **$MXBOX**   Total supply: **210 million**
Supply Rule: The initial mining capacity is **100%**, and every 2 years the amount is reduced by half of the total amount till it is fully mined.

100%

100% ecological incentive

MXBOX TOKEN POOL (210M)

210M	210M
168M	
126M	
84M	105M
42M	52.5M
0M	25.7M 13.1M ...

2022–2024 2024–2026 2026–2028 2028–2030 2030–2032 ...
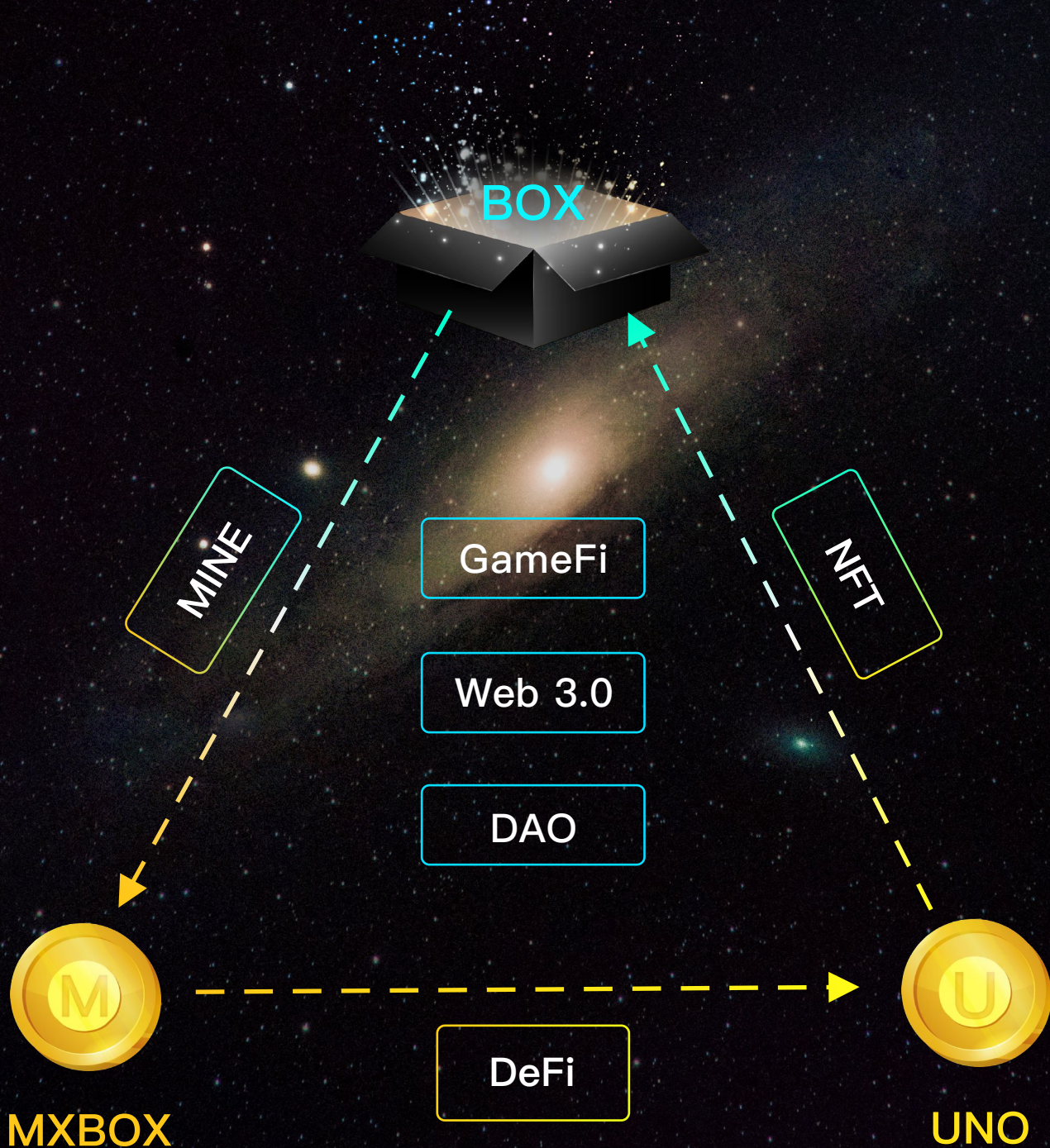
📊 MXBOX Token

3.2 Performance Token

Token Name: Unobtainium
Token Symbol: $UNO
Total Supply: Unlimited
Token function: Feature consumption tokens in the MXBOX Ecosystem.

3.3 Business Model

BOX

MINE

GameFi

NFT

Web 3.0

DAO

DeFi

MXBOX

UNO

3.4 Business Formula

$$\text{Formula: } B = 1 + [\, N_x + V + A + C \,]$$

B : Mining Power of Box (Box refers to miner.)

N_x = X: NFT Ticket

$X \geqslant 0$: Mining speed factor, the initial value is 0, other factor correspond to 4 different levels of tickets NFT , respectively N_x = 1 or 1.5 or 2.5 or 5

V : Validator   A : Ambassador   C : Contributor

Note: $[N_x, V, A, C]$

In the first stage, we only enable one mode to verify the speed and yield values of the box mining, and slowly expand the V-Validators, A-Ambassadors and C-Contributors modes at different phases.

$$M = \frac{B}{\Sigma B} \times \frac{210000000}{2^Y \times 2 \times 365}$$

M : Number of mining block

Σ : Total number of online boxes in the whole network

Y : Number of the years

3.5 Rewards Mechanism

3.5.1 The DAO vault releases $MXBOX tokens from time to time to users who are validators, governance workers, contributors, and community ambassadors.

3.5.2 UNO can be received by completing tasks, activities, and games in the MXBOX ecosystem.

3.5.3 Users can earn $MXBOX tokens by looting revenue from each other.

3.6 Stake

NFT can be staked to accelerate the product MXBOX to get more token $MXBOX mined, while $MXBOX and other relevant liquidity tokens can be staked to earn daily interest and $UNO (performance token). If you pledge $UNO and the related tokens, you will win interest and UNO tokens on daily basis.

3.7 Liquidity

Users need to stake both MXBOX & TOKEN A, which provides liquidity to the pool and earns UNO tokens.

4. ROADMAP

2023.Q2

Second generation of MXBOX launch, open platform and APIs access

2023.Q1

Publish in exchange

2022.Q4

MXBOX ecosystem establishment completed (GameFi, SocialFi, DeFi, TreasuryDAO)

2022.Q3

First generation of MXBOX in mass production, GameFi online

2022.Q2

Official website launched, NFT released, Community established and MXBOX trial production

2022.Q1

Project launched, White Paper released

2021.Q4

Projects & development structure completed, team built.

5. FUTURE VISION

With the use of MXBOX, an entrance channel to the Metaverse, people can truly experience another world integrating NFT Avatar, GameFi, SocialFi and DeFi. This is the Metaverse world created by MXBOX.

MXBOX, a crucial key to opening a new era, aims to allow users to enjoy immersive interaction in the Metaverse. Living in MXBOX, everything in MXBOX, a new era is coming.

DISCLAIMER

Licensing and clearance are not warranted in all jurisdictions. The MXBOX Ecosystem will fully adhere to applicable laws and regulations. The views expressed in this white paper represent the MXBOX Ecosystem and do not reflect the jurisdiction of any governmental & quasi-governmental, authoritative or public official policy or position agency, including but not limited to any regulatory authority under any jurisdiction.

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