

Interstellar Exploration . Metaverse

META SPACE 2045

White Paper (basic)

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01 The Worldview of Meta Space 2045

The Beginning of History



The Near future...



Humans find a way out of earth suffering from depletion of resources and climate change that has been ongoing for decades.

Humans, who have finally completed nuclear fusion and warp drive technology, begin to secure space for survival and productivity in the galaxy outside the Earth and the solar system.

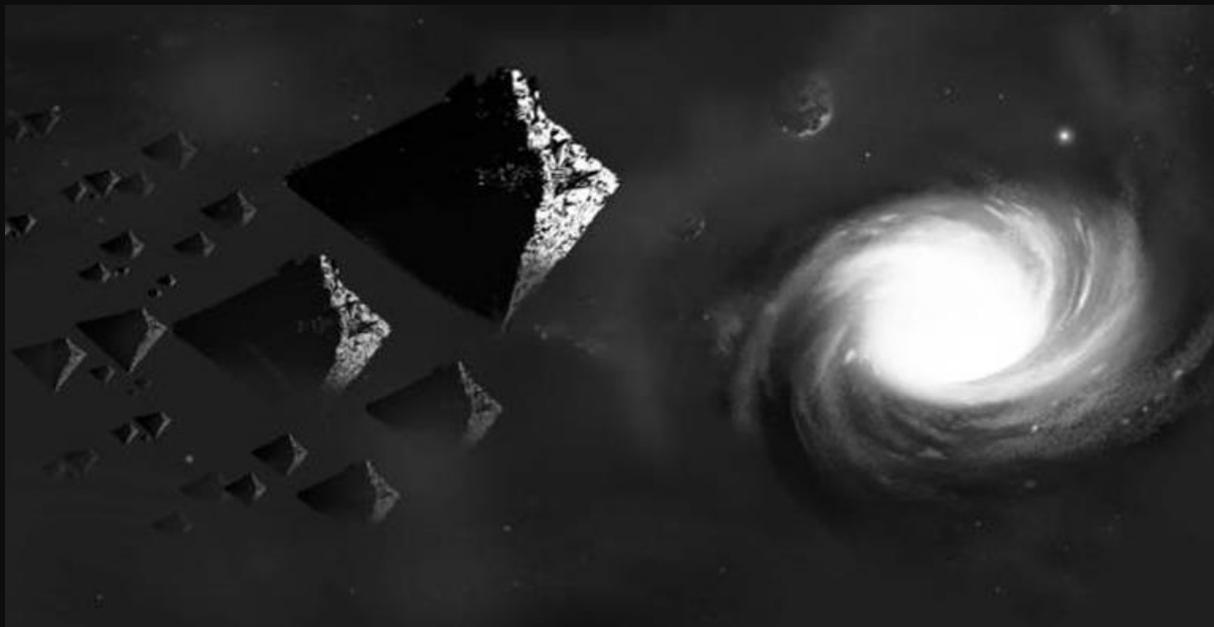
However, not everyone was on board for leaving Earth.

A chaotic political situation persists as various opinions are thrown on the table: that humans shouldn't abandon earth where mankind began; that it is simply not feasible to leave at the moment; that there are too many unknown variables in space.

Eventually, they go about their separate ways with those who decide to remain on earth and those who decide to go out into space.

32 years later..

Oppenheimer Spaceship



[Oppenheimer Spaceship] A large spaceship with a total of 200 units, including 68 nuclear Dreadnought-class ships, and approximately 180,000 survivors.

Oppenheimer Spaceship Corps, led by the Republic of Perfect, is the most powerful progressive force in human civilization that first set out to explore new civilizations.

But...

32 years into space, resources in the spacecraft, such as food and fuel, are running low. Although they fought it out until the very end, most spaceships are not operating at normal capacity due to major or minor failures without any resources to fix). At this rate, they won't last several years.

That is when all the spaceships get sucked into an enormous black hole that suddenly appears out of nowhere.

Everyone expected to die, but the black hole turns out to be a wormhole that was only thought of as a myth by humans. And on the other side was the Dawn system, another planetary system that was many light-years away.

This is the starting point of this story where humankind, who had nothing and was worn out from a long journey, settles and establishes a new civilization.

A New Beginning

02 MetaSpace2045 Overview

MetaSpace2045 is a DAO-based Game-Fi storytelling metaverse ecosystem built on the WEB 3.0 concept and NFT+DAO+GameFi, and aims to maximize the participation and entertainment of metaverse users through the distribution of M2045 tokens.

The MetaSpace2045 integrates digital collection (NFT) with all content IPs in the metaverse and combines the benefits of DeFi and NFT to empower Metaverse users by using innovative distributed financing and gaming mechanisms.

We call it MetaSpace 2045, and we build a Metaverse ecosystem.

03 MetaSpace2045 Features

The MetaSpace2045 highlights Storytelling as a key keyword for user engagement and maximization of entertainment elements.

Our metaverse is completed as if building blocks step by step, such as games/NFT/FARM/De-fi/DAO, through a platform-type gateway.

Everything goes step by step with the goal of optimizing for Web 3.0.

Through steady R&D and collaboration, we create the completeness of blockchain technology.

The world we are creating will happen sooner than you expect.

Developers and blockchain companies basically work together on huge open source projects.

They develop new convergence technologies by applying and converging open technologies in various ways as a base.

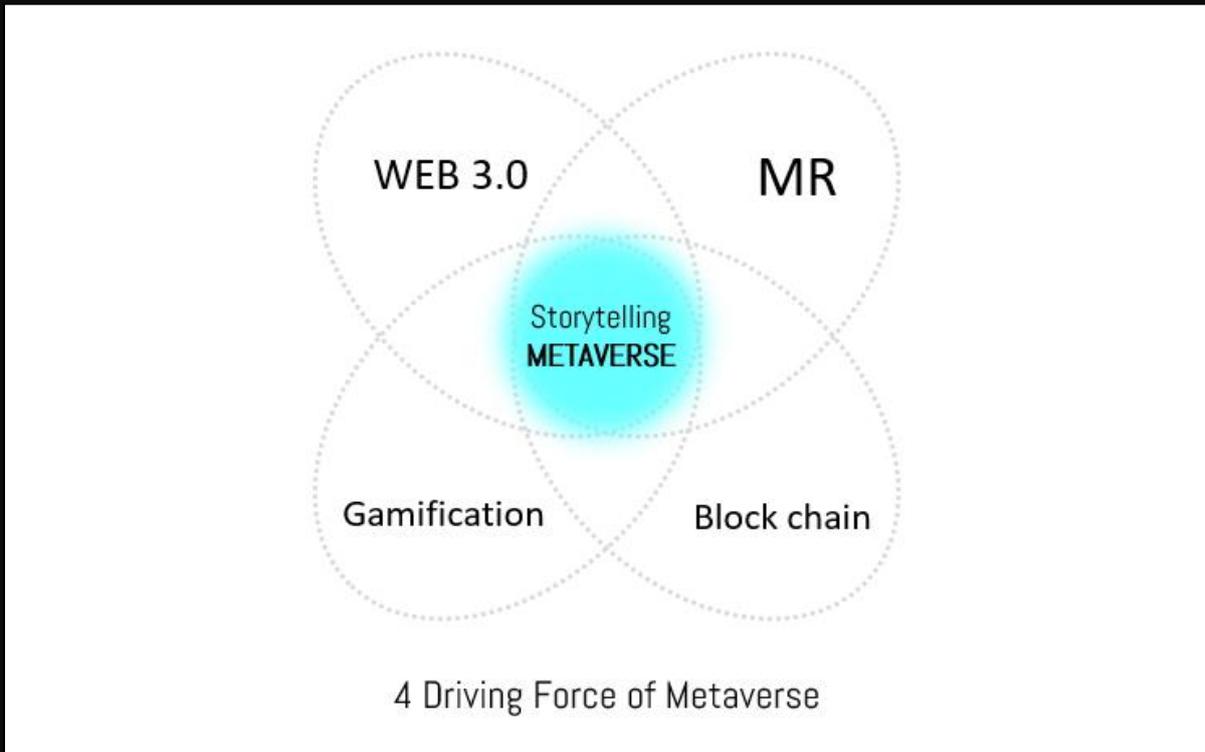
Like Lego bricks, the configurability of the metaverse enables exponential growth.

The core competitive edge of our convergence technology is storytelling.

Users participate and empathize to make history together.

Just as technology evolves, so does the story.

The story provides a powerful immersion and sensibility.



03.1 WEB 3.0

We seek data persistence through decentralization of Blockchain data through Distributed File System (DFS).

#Metadata #BigData #Decentralization #Persistence

03.2 MR

We present the concept of Metaversian through the fusion of Meta-human technology and Mixed Reality (MR).

#Hologram #Interplay #Perception

03.3 Gamification

Metaspace2045 will be used to solve problems, induce interest, and deliver knowledge in various fields by utilizing the elements of Game.

#Contents #Extrinsic reward #intrinsic motivation

03.4 Block Chain

Blockchain will be utilized for user engagement, community development, and other commercial or marketing activities, and we will see more sophisticated and innovative use of blockchain in Metaspace 2045.

#Trust #improved security #Contribution Based Rewards #Business Acceleration #Wide range of Usages

04 MetaSpace2045 Vision

04.1 Use blockchain technology to gain fair and transparent acquisition and ownership of digital collection (NFT) assets so that users can prove their ownership of virtual assets.

04.2 You can create a huge Interstellar worldview, pave the way for expansion into various content projects such as movies and television, novels, games, and cartoons, and eventually realize the MetaSpace2045 metaverse.

04.3 You are committed to creating a MetaSpace2045 metaverse that collaborates to create value and participate in DAO community governance and co-govern.

05 Metaverse Detailed Description

The MetaSpace2045 Metaverse is a worldview of content, and services that integrate new stories and technologies will continue to expand depending on the community context.

We will create a new metaverse together through Interstellar and various communities in reality.

05_1 [DAWN GALAXY] Overview

Dawn Galaxy's story is the first project of MetaSpace 2045, where participants explore the vast interstellar space and share the history of Metaspce 2045. The gameplay function is divided into five main components.

A. Starfield (Planet)

The primary goal of users is to acquire the right to use the planet through pre-sale or market transactions, constantly build and upgrade various resource-based buildings on the planet, and continue to expand their planet and have greater production capacity.

B. Characters

Users can obtain their commanding character through pre-sale or

mystery cube opening, and each of them has a life-limited and extended potion with improved ship combat efficiency, improved productivity of planetary resource buildings, weapons and item research, and ability to explore other planets and values.

C. Spaceship

Users can obtain their own ships by pre-sale or by opening a mystery cube. The ship is the key to gameplay. Both PVE and PVP are the main body of fighting to defeat and win the enemy, and the commander's character must be placed on the ship.

D. Ranking

Users can continue to strengthen their ships through planetary construction, then have a list of different types of ship PVPs, and receive M2045 token rewards based on ranking results from the list.

E. Guild War

The guild allows users to form their own forces and to conduct joint operations on the underdeveloped planetary resources of the Dawn Galaxy. If you occupy more than a specified number of planets, guild forces can be rewarded with more M2045 tokens.

o5_2 [DAWN GALAXY] Worldview

Encounter / The Beginning of Encounter

Humans settled in Dawn where there was far more energy and minerals than the Milky Way (galaxy: a group of hundreds of billions of stars in a band/Milky Way: a galaxy containing the solar system in the celestial sphere) prior to earth's extinction. As humans started building a new civilization in Dawn, they came across another native civilization, the Protoss.

'The Encounter of Humanity and Protoss'

When humans first appeared, the Protoss soldiers surrounded them, ready to attack. Then Edeun II, a Protoss leader who prioritized peace, stepped in to restrain the soldiers from attacking the humans (there were Protoss who disagreed with Edeun II's decision).

"This is the choice of God(God of Protoss). The war at Dawn is not the God's wish!"

At the mercy of 'Edeun II', humans were able to complete building their civilization at Dawn.

With this incident, humans and Protoss sign a peace agreement, exchange culture and knowledge, and collaboratively develop facilities

and technology systems necessary for space survival and navigation. Among all the inventions, the most important one is the New Energy Station System.

The New Energy Station System is an enormous man-made structure with a perfect ecosystem that enables long-term sustainability for a large population and serves others functions such as energy storage and processing, large-scale trade and commerce, maintenance support, and ship construction. It is also a mobile fortress that serves as a hub for traffic.



In addition, in the process of pioneering Dawn, humans built six Lagrange wormhole jump points with enormous energy to expand the scope of exploration and development. These jump points serve as Dawn's large harbor.

The Lagrange wormhole was launched along with the development of the

other secret organizations.



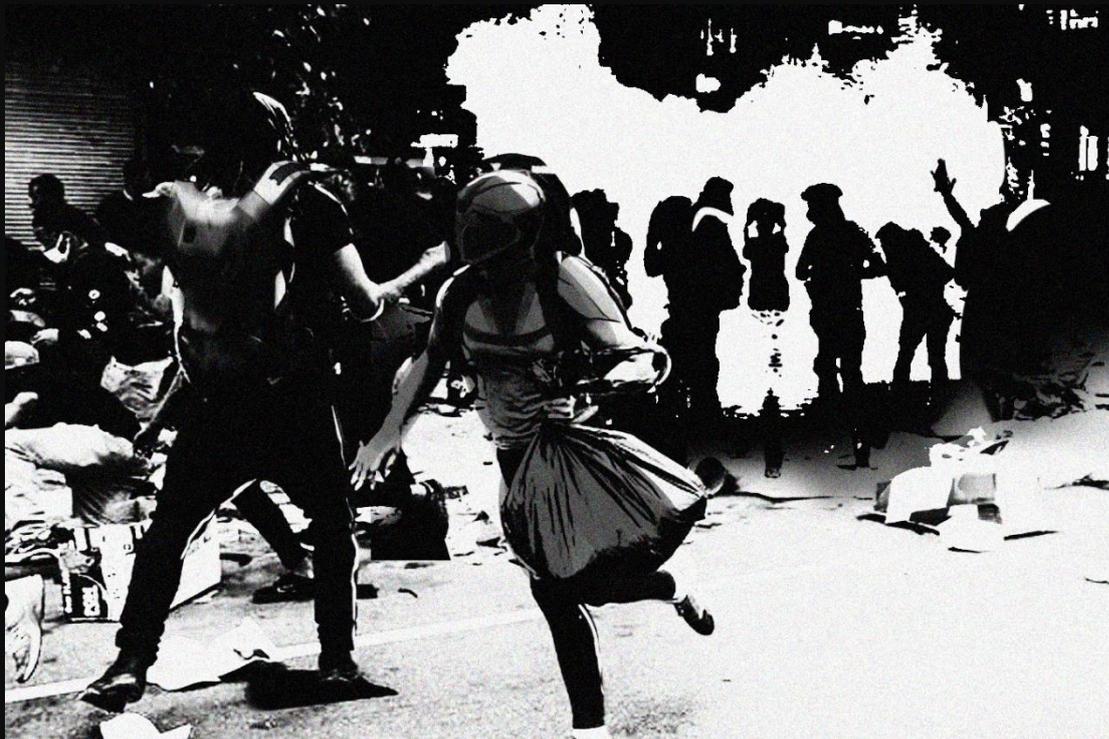
[Stemon 273] In short, the 'Stemon 273' Treaty is the first decision and promise that split the commonwealth into two parties: the aristocratic Republic of Perfect and the anti-government union. With the signing of the 'Stemon 273 Treaty', the human empire is divided into the Republic of Perfect and Tormentosa Federation (it is named after the rose herb 'plectranthus tomentosa', which emits a strong scent when touched. Its flower language is 'You're the only who understand me').

[Tormentosa Federation] An anti-government coalition founded by new human survivors who joined the late Dawn Galaxy through the Lagrange wormhole in solidarity with opponents of the existing Perfect Republic

With the rise of anti-government forces in human society, the interests of each party started to collide. Hence, the negotiation of the "Stemon

273 Treaty” began for the sake of order and mutual benefit of the commonwealth consisting of anti-government forces, anarchists, and other secret organizations.

In all bordering areas, frequent clashes among humans and the Protoss/Republic of Perfect/Tomentosa Federation are taking place. As a result, the number of refugees continues to increase. But because everyone is so preoccupied with the war, refugees are entering colonies to make ends barely meet. It is no exaggeration to say that the entire galaxy is virtually anarchy.



In this era of great chaos and anarchy, filled with disorder and war, a party that conducts slave trade emerges, crossing a line no living creature should cross.

This party is an unscrupulous race in human society that captures and sells the Protoss. Based on their sole targeting of the Protoss, the 'Coyotes' are made up of only humans. The Protoss' resentment towards humanity continued to deepen day by day because of the humans' evil deeds like enslaving people of all ages and genders.

Meanwhile, the merchants are being exploited by the elites blinded by wealth. When pirates try and take advantage of the chaotic society, the Dawn Merchants Association hires a powerful mercenary union.

Previously, mercenary unions were scorned for their excess love for money. However, desperate times call for desperate measures. The Merchants Association eventually join hands with the Mercenary Union to maintain their trade, secure their safety, and protect themselves from opposing forces.

“Now, neither the government nor the anti-government forces protect us.”

“Money is God himself” - the Dawn Merchants Association -

Fate / The End of Greed

In Dawn year A3203, a cosmic war breaks out. The Protoss, the representative tribe of the Dawn civilization, officially declares war on humans, namely the Republic of Perfect and the Tormentosa Federation. Subsequently, Dawn enters an era of chaos. The war wreaks havoc, and all hell breaks loose. In addition to pirates engaging in plunder, the Dawn Merchants Association gain huge profits by playing double agent with the protection of the Mercenary Union and by doing business—on a small-scale, large-scale, or privately—with each faction (Coyotes, Protoss, Tormentosa Federation, Republic of Perfect).

Prosperity and war, a life in which darkness and light coexist, and war and social classes, all these things were originally thought to be the fate of human civilization. But in the end, Dawn was also unable to avoid the fate of war as a world with living things. Perhaps humans brought their fate with them to space.

“Now is the age of being conquered if you don’t conquer.. The greed of humans is eventually staining Dawn with blood.”

Worldview Details

Introduction of Each faction and Key Figures

The Republic of Perfect



The Republic of Perfect



-The ruler of human civilization-

“Only the Bin Aslan lineage can protect human civilization” -Reinhard-

The first unified empire was established by mankind who settled in Dawn who continues the rule of the nobility. They value the inheritance of pure bloodlines and believe that only those with pure elite blood are perfect. For this reason, there are many people who value power. The country believes that order can only be maintained by the rule of the elites, and that it can go along the right path forever. They don't establish large colonies throughout Dawn. They only consider this place as a mere mining site for resources, calling it the land of savages. They also constantly exploit and oppress their opposing forces (including humans and Protoss) and exile them to this place. In spite of these poor conditions, war refugees often enter these colonies on their own will to

Key Figure 1 of the Republic of Perfect:

Reinhard /The Emperor of the Republic of Perfect

(the strong and brave, descendant of the Black Lion)



Reinhard was the 6th highest in the line of succession to the throne of the Republic of Perfect but was very greedy to win the throne. However, he thought it was cowardly to assassinate his brothers for the throne, so instead he declared war and challenged all his brothers to a one-on-one duel in public. Plecturans, the last remaining heir to the throne, afraid to

duel Reinhard, takes Reinhard's wife and children hostage and eventually kills them. Enraged, Reinhard declares war against Plecturans and triumphs, sealing the 8-year sibling conflict with a victory and ascension to the throne.

In spite of his desire for the throne, Reinhard has a sense of justice enough not to kill his own blood. Although he is noble, he does not always listen to all the words of the nobles. As the revolutionary forces grew stronger day by day through the Declaration of Independence “Establishment of the Tormentosa Federation”, Reinhard feels an imminent crisis creeping the empire and decides to put an end to the Tormentosa Federation, a corrupt aristocratic and anti-government union. However, with the country suffering from poor foreign exchange and the interests of his clan deeply intertwined, it is difficult for Reinhard to push for reform.

Keywords: Nobility. Strong and brave like a lion. wisdom.

“Only the Bin Aslan lineage can protect human civilization”

Key Figure 2 of the Republic of Perfect:

Arch executor / Vilma (Unwavering Guardian)



She is the granddaughter of Reinhard the Great's escort general and is a strong advocate of Reinhard. She has a special relationship with Reinhard. Vilma considers serving Reinhard a great honor. Although some believe that Vila is of noble descent based on her loyalty to Reinhard, she is actually from an ordinary family. As a result, she is disregarded by some nobles. Some aristocrats who despise Vilma, call

her “Reinhard's dog” instead of “Reinhard’s loyal dog”, which she is normally called.

With her cool and bright personality, Vilma makes rational decisions at Reinhard’s side, who is also wise but can be reckless at times. Through advice and loyalty, she makes significant contributions to Reinhard’s difficult conquest for imperial reform.

Although Vilma is tough and immune to the nobles’ contempt and disregard, she has a crush on Reinhard ever since he publicly rebuked the nobles for disregarding Vilma when she was young. Nevertheless, she is not aware that the feelings she has toward him is love and rather sees them as unparalleled loyalty.

[Keywords] **nobleness. coolness. Toughness**

“Vilma exists for the Aslan clan”

Characteristics of the Republic of Perfect Space Fleet

It is characterized by strong defense, which can be further reinforced by adding another defense device. (Although it may seem bumpy, it has a solid appearance and may have a shield as its defense device)

Tomentosa Federation



Tomentosa Federation



Anti-government Union

“The wine of the nobles is the blood of my son! Turn the world upside down!” -Goutam.M-

Humans show greed and cruelty by killing women, the elderly, and children alike, secretly enslaving them and colonizing Dawn. These areas were lawless and not managed at all except for resource mining.

The colonists, who were suffering in the devastation and poverty caused by the nobles of the Republic of Perfect, could not bear it any longer and forms a revolutionary army. However, they fail to plant its roots, exert influence, and are always suppressed by the Republican Army. When all seemed lost for the revolutionary army, a leader rises up from the ashes. He gathers the scattered revolutionary army together and establishes a federation called 'Tomentosa' and raises it into a force that strongly opposes the Republic of Perfect.

Key Figure 1 of Tomentosa Federation

Gothem / Marshal of the Federation (Light in the Darkness)



Born in a slum, he is quick-witted and is a natural leader. As a native of a colony exploited by the empire, he grew up watching the lives of the people around him and naturally joins the rebels at the beginning of the revolution. Although he did not stand out at first, he quickly grew into a

legend with his outstanding leadership and reputation.

With his sudden emergence like a comet, a new religion that worships Gothem called 'Light of Dawn' rises. Followers of 'Light of Dawn' not only believe, follow, and worship Gothem but also his ideology and will to stand against the Republic of Korea. Gothem made full use of the power of this religion to control people's minds and thoughts to unite the rebels and form a formidable force by conquering half of the Republic of Perfect.

Although Gothem is cold-hearted, daring, and charismatic, he also has a contradictory side to him. Although he is currently the leader of an organization that stands against the aristocracy, deep in his heart, he enjoys and longs for power. He attends a party with powerful figures of the Republic of Perfect behind the rebels' backs. To those who did find out, he simply said it was a ruse to gain more information. This portrays the greed of the human race itself. In the face of a powerful figure, Gothem could betray 'Tomentosa' or even transform the rebels into a group of different will. It is therefore questionable whether all those who follow him will continue to follow him. If that is the case, an internal uprising might occur.

[Keywords] Charisma, cold-heartedness. Daring,
Opportunist. Power-hungry

“The wine of the nobles is the blood of my son! Flip the world on its head!”

Key Figure 2 of Tomentosa Federation

Carrie-Anne / Archbishop of 'Light of Dawn'
(Darkness)



She is the bishop of the core demonization of the Confederacy, Light of Dawn. Gotham took her in when she was a war refugee and since then, she sees him as her father figure and joins the rebels as a bishop. Only in personal circumstances or when they're alone, does Carrie-Anne address Gotham as father. She doesn't trust anyone else but Gotham, whom she

follows with absolute obedience. Because of her character, it wasn't easy for her to enter the 'Light of Dawn'. The story of Carrie-Anne slaying a spy sent by the Republic of Perfect to the 'Light of Dawn' is already well known. Contrary to her looks, she can be cruel and merciless.

In order to solidify Gotham's position as the Marshal, she wins the heart of the people by sharing her personal story of the past and instills Gotham's beliefs and ideology in the followers through her eloquence. Although it may seem like a sham at first glance, who would easily dismiss the leader of the rebels?

But when Gotham becomes a traitor, will Carrie-Anne follow? And if she doesn't, how will she stop the riot of their followers?

[Keywords] **Brutality, Eloquence, Emotional side contrary to brutality**

“Praise! The God of Dawn is with you.”

Characteristics of the Down Federation Space Fleet

The space fleet is characterized by quick attack speed and powerful functions. It can further increase its attack speed by adding an augmentation device.

Protoss



Protoss



-the owners of the DAWN System-

“We’ll show you who owns DAWN!” -Edeun-

The Protoss are aboriginals inhabiting Dawn and another great civilization. Despite having no prior contact with humans, they showed care and helped humans who suddenly appeared to settle in Dawn.

In the early days, they established diplomatic ties, coexisted in harmony, shared knowledge and culture, and developed technologies related to space travel, dreaming of a future of joint space exploration. However, the Protoss soon feel threatened by humans as humans grow greedy and start their quest for colonization and slave trade.

In addition, as humans commit arrogant and evil deeds against the Protoss, such as “human” trafficking and violence in border areas, the Protoss' resentment towards mankind deepens and eventually decides to go to war against humans.

Key Figure 1 of the Protoss:

Edeun III / King of the Protoss (Lord of the Blood)



When he was the fourth prince, Edeun II was called 'Silva Demon'. He was the only bloodline of the second wife of Edeun II, whom Edeun III favored the most among his children of 7 sons and 2 daughters of his three wives. Edeun III is very aggressive in nature. Perhaps it is the influence of his mother who used to be a general.

In order to protect 'Sylva Demon' who was overly aggressive from his siblings and other opposing forces, Edeun II sends him away into "exile" as the commander of his fleet and treats him harshly. By doing so, Edeun III was kept safe from his older brothers, but he remained ignorant of his father's intentions. Edeun II had a soft spot for Edeun III.

Edeun III spent his youth as the commander of a hardline army of the Protoss leadership and later succeeded to the throne after killing all his siblings and their mothers who supported Edeun II's ideology except for his own mother.

Edeun III is the commander of the subjugation fleet and has suppressed small civilizations and rebellion forces. He is a warrior with much battle experience. He despises humanity after witnessing various evil acts committed by humans such as greed, murder, rape, colonization, and slave trade. As a result, he suppresses and purges the royal family and other moderate factions. During the human civil war, he takes advantage by expanding his army and taking over the military power and government. He vows to eradicate humanity from the galaxy.

[Keyword] Brutality. Violence, totalitarianism. Hatred

"I'll show you who is boss!"

Key Figure 2:

Eyja / Consul



From a generational family of consuls, Eyja is appointed as the consul shortly before the death of Edeun II. Compared to Edeun III, he is relatively rational and does not agree with Edeun III on wiping out humanity. Although he detests humanity, he believes that they are a savage race that will one day bring their own demise. He sees Edeun's idea of killing everyone as barbaric and believes that subduing and

enslaving humans is the quickest way for Edeun to achieve what he wants. He also believes in giving citizenship to those of value. Although he is against immediately killing humans, he still hates humans. He does not go to areas that are densely populated by humans. When his life is in jeopardy due to an accident, a human saves Eyja's life. This event softens his feelings a little towards humans.

[Keywords] solitude. mysteriousness. Noble aura

“Uncivilized humans...

They will kill each other and eventually cause their own extinction”

Characteristics of the Space Fleet

All functions are balanced, and the cultivation of innate functions is emphasized. All equipment can be augmented to some extent, but the extent of the augmentation is not high.

Mercenary Union



Mercenary Union



-Mercenary Union-

“Of course, there are many things more important than money.

But what could be more objective than money?” – Storm-

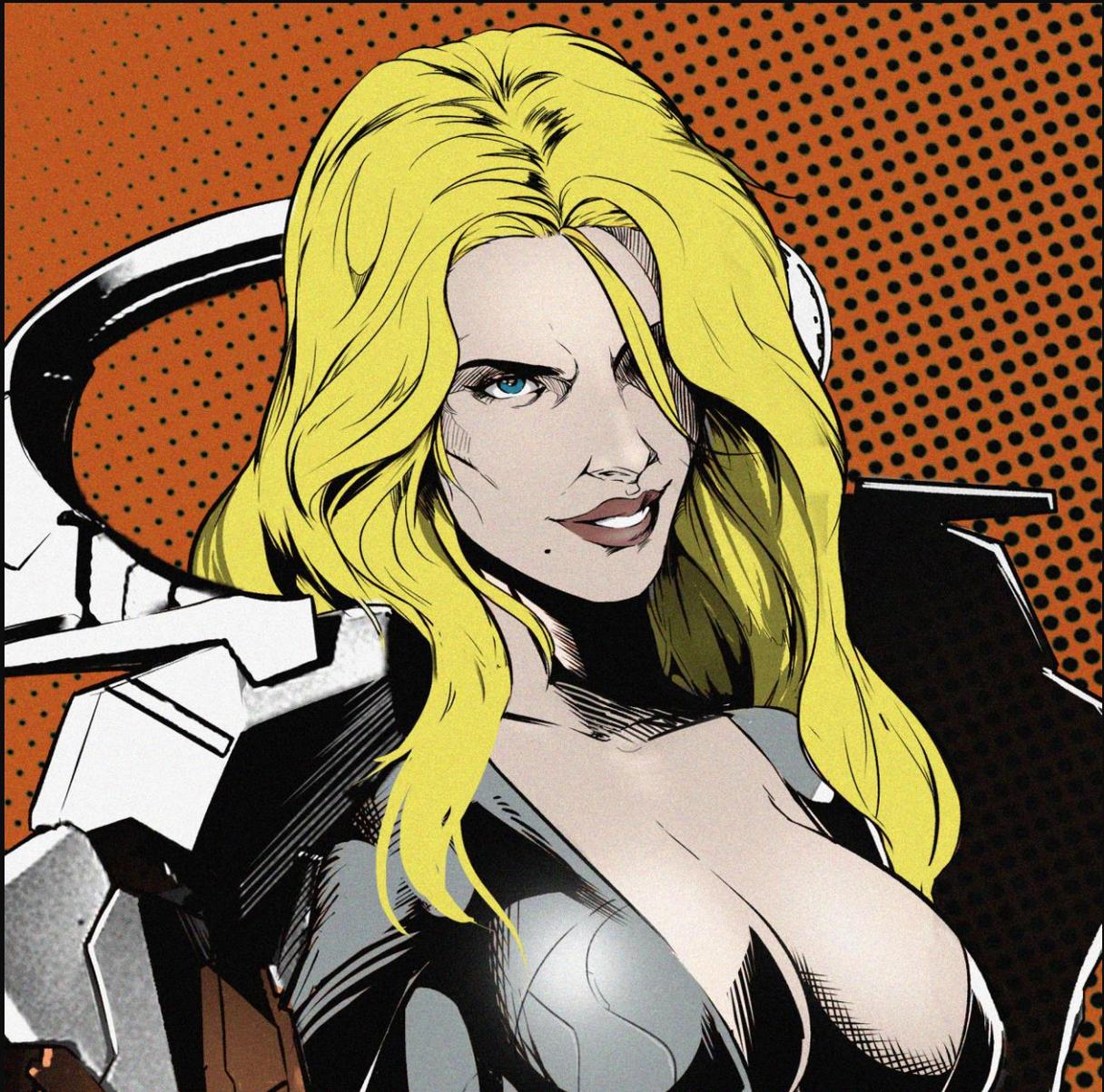
Capitalists and merchants, fed up with the exploitation of the nobles, hire a neutral military force, the Mercenary Union, as an ally to protect their interests in a time of great chaos. Mercenary Union, a gathering of adventurers wandering the galaxy, consists of not only humans but races from other civilizations including the Protoss.

Some people mistake the mercenary union for a pirate. The mercenary union works for money and not all their actions can be justified. The mercenary union is a group of people gathered for their own benefit, pursuing money and working for those who give more money. No matter how earnest the request, a mercenary will not accept a task unless he is offered the amount he wants. These cold-blooded, money-crazed people follow two rules set by the Union. One, they cannot kill each other

outside of their task. Those who violate this rule become wanted traitors of the entire Union. Two, they must carry out their assigned tasks.

Key Figure 1 of the Union:

Storm / Empress (like lightning)



As a female leader with excellent drive, she boasts a huge network of connections. She is good at socializing and maintains good relations with

different factions. She is a single woman who is smart and capable. Her physical strength and combat skills are just as good as men's. She jumped into the mercenary business at a young age and got to where she is.

Although she is a mercenary who works for those with money, she believes in trust and loyalty among Union members ever since she experiences the death and betrayal of her comrades. This is Storm's number one rule, as her lover died a tragic death from betraying the Union. Even when she is in the position of leading the entire mercenary union and lives in a capitalistic galaxy, she maintains her loyalty. However, those who do not keep their loyalty are brought to Storm and face death after getting brutally tortured.

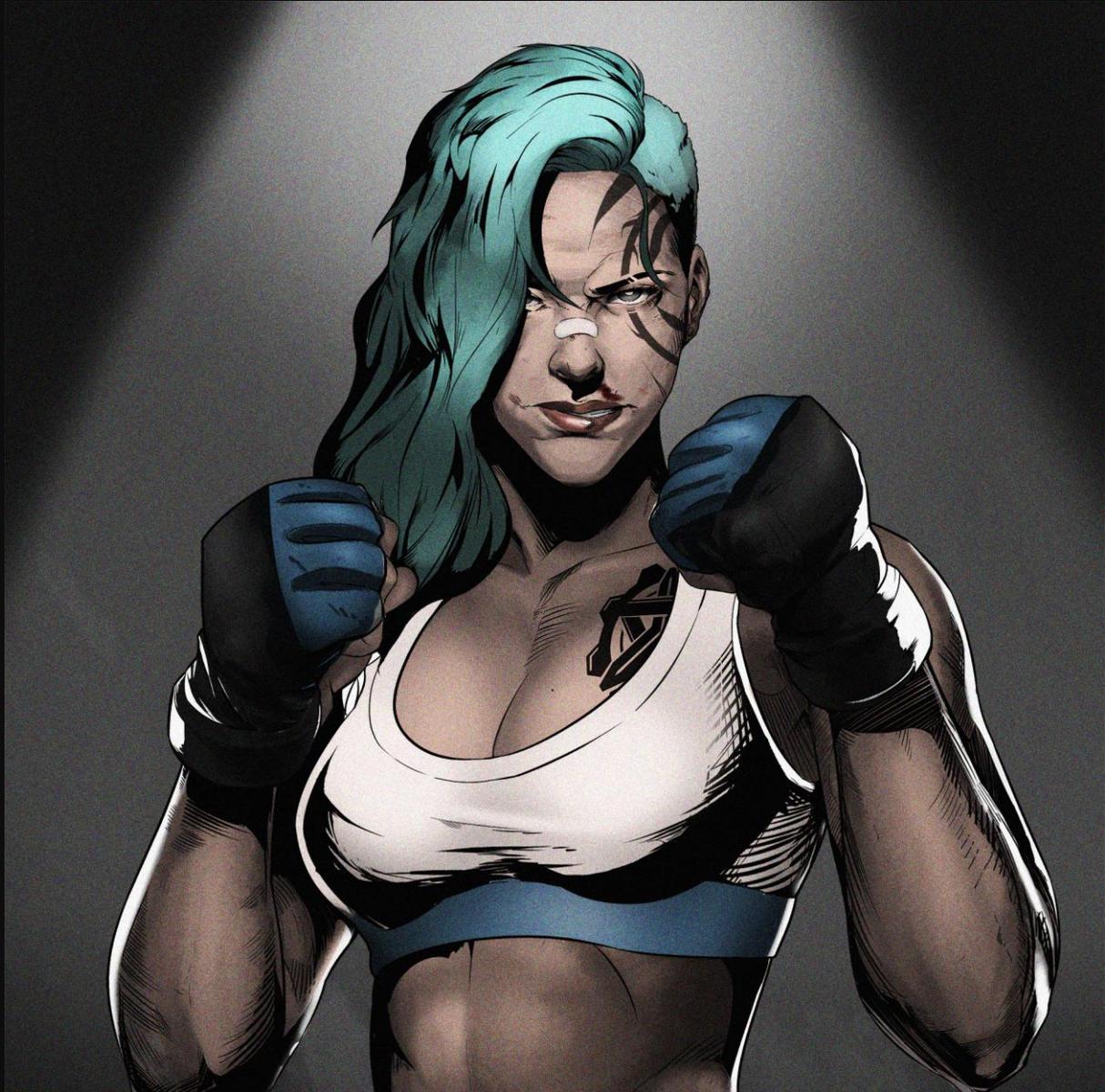
[Keywords] **Steadfast. Clever. Loyalist. Abhors betrayal and lies**

“What is it you want? What are you willing to pay?”

“Of course, there are many things more important than money. But what could be more objective than money?”

Key Figure 2 of the Union:

Kei / Lieutenant (Keeper of the Keys)



A veteran who has been through a lot with Storm. Under Storm, she is the commander of the combat unit of the Mercenary Union and is the person Storm trusts the most. Kei is the mother of Storm's childhood friend.

Kei believes that training is the only way to survive on a mission as she lost her daughter while on a mission. Therefore, she is very strict

towards newbies. She completes all assigned tasks no matter what. Even on the day her daughter died, Kei completed her mission.

She owns a pet and has a history of hurting herself while on a mission in order to protect a small animal. The difference in how she treats newbies and small animals is so extreme that it makes one wonder whether she has a dual personality.

[Keywords] **Strict instructor. Iron hand in a velvet glove.**

Likes small and cute animals.

“It’s time to get back.. “

Characteristics of the Space Fleet

Its advantage is the glove function, and it is possible to improve the function by adding armor-type equipment.

Coyotes the Space Pirates



Coyotes the Space Pirates



- Space Pirates -

“Pigs! wait! Tonight I will come to you!” – Kirk-

Just as hyenas and bald eagles gather in places drenched with blood, there were those who sniffed the perils lurking between each faction in Dawn under chaos. Full of lust, they took advantage of the order that was compromised to plunder and commit crime. In the midst of corruption and sin, the galaxy's largest pirate group, the Coyotes, was formed. Coyotes consists of several large and small pirates that keep each other in check (refer to Disney's Treasure Castle).

The captain of the strongest pirate group takes on the role of the pirate king to maintain order. Each pirate group has its own range of power, and at times they secretly fight each other. It is obviously illegal. Pirates themselves are illegal. Only the strongest can survive in the pirate society.

Key Figure 1:

Kirk / Pirate King (Black-hearted)



He is like a swamp full of insidious schemes. He does not like to expose himself and is skilled in disguise. The moment his target steps into his trap, there is no way out. There is also no way for the target to know whether it has fallen into a trap.

With a cunning strategy, he defeats his rivals—the captains of the pirate group—and becomes the alpha of the Coyotes. This incident is quite

famous and is remembered as the ‘unofficial rebellion of the throne’ and ‘the rebellion of the pirate throne.’ Although all suspicions point to Kirk, there is no solid evidence. It is also strange that it was only the captains who died and the rest of the crew unscathed. Gorge, who was big in size, died of starvation like a mummy and Mumkin, who was exceptional in sailing, is now missing. During this process, Kirk's lover, Pezen, also dies. (Pezen had a hidden child, whose father turned out to be Kur)

[Keywords] **insidious. vicious. sly. Cold-hearted**

“Pigs! wait! Tonight I will come to you!”

Key Figure 2:

Caleb / Shadow (Crow)



He is known as the emotionless assassination machine and a capable sociopath.

He is Captain Kirk's loyal dog, more like a robot, and will assassinate anyone using all means and methods at the word of the captain no matter how cruel and dangerous it may be. No one knows how Caleb, who is so emotionless and incapable of empathizing, is under Kirk's wing.

He is very strong in one-on-one combat and is good at hiding like a ninja. So only a handful of the crew know about him. There's no way to know if he is human, a Protoss, or a different race. Not only does he rarely show up, but whenever he does, he always has his face covered. He is so mysterious that the rumor has it that “Kirk walks alone, and Kur works with ghosts.”

[Keywords] **Assassin. Reserved. Absolute obedience.**

Characteristics of the Space Fleet

Attack power is the main feature, and it is possible to improve the function by adding offensive equipment.

05_3 [DAWN GALAXY] Planet

The Dawn Galaxy has a total of 10,581 planets, each of which can generate and produce abundant material resources for users to build their own ships.

Planetary pre-sale

Initially, public pre-sale of the planet is carried out on the MetaSpace2045 platform, with 8,000 planets deployed for pricing and public sale and 1,000 others deployed for auction or pre-sale. (The pre-sale transaction currency is BNB.)

Planetary Upgrade

The initial level of each planet is Lv. It is 1, and M2045 is consumed when upgrading and takes a certain amount of time. As the level rises, the planet can continue to expand in size, increase the number of buildings that can be constructed, and increase the number of housekeepers to increase the planet's resource production. (M2045 Token Mining feature).

Star Field Level Table

Level	Planetary Size	The number of Materials	Planet Housekeepr	Planet Mining Start or Not
Lv.1	100*100	2	1	No
Lv.2	200*200	3	1	No
Lv.3	300*300	4	1	No
Lv.4	400*400	5	1	No
Lv.5	500*500	6	2	No

planet. The role of construction resources is primarily used to build planetary buildings, upgrade ships, upgrade ship weapons and items, and consume basic energy for planetary mining. It's all centralized game content.

Building Classification:

- Building materials production buildings: mines, furnaces, forging bases, etc
- Ship material production building: research laboratory, armory, ammunition depot, radar station, etc
- Planetary mining energy building: nuclear power plant

Planet Housekeeper

They manage the planet's role and increase its income as its role increases. They determine the number of housekeepers they can have based on the planet's level. Housekeepers can increase the planet's resource production or reduce the construction time of planetary buildings according to their properties. Multiple housekeeper increases can be nested. The more planetary housekeepers there are, the more resources the planet can provide. (up to three housekeepers).

Planet Mining

When the planet is upgraded to Lv.10, the planet's mining function opens and the central building, the nuclear power plant, automatically appears. You can activate the reactor in exchange for consuming the Interstellar Power Stone. Mining hashes are calculated according to the level of the reactor, each user's planet's mining hashes account for a percentage of the total mining hashes and can divide the daily M2045 token rewards offered to the platform.

Interstellar Power Stone: 1 = 1 day for power generation reactor uptime.

Reactor Upgrade Table

Level	Interstellar Power Stone Consumption	Computing Power
Lv.1	-	2
Lv.2	20	4
Lv.3	40	8
Lv.4	80	16
Lv.5	160	32
Lv.6	320	64

Platform Daily Dividend Table

Total Compute Performance	Daily Supply M2045
<5000	1000
5000-10000	1500
10000-30000	3000
30000-100000	5000
100000-200000	7000
200000-500000	10000
>500000	12000

Planetary Tax

A small amount of BUSD is imposed depending on the planet's level to maintain normal operation of the bi-moon planet. All taxes go into the Community DAO Financial Pool. If the tax is not paid to the financial pool, the planet's function is not working properly.

Astral Monster Invasion

If a monster attacks the planet from time to time, the user must use a ship to repel it. Otherwise, daily resource production will be reduced by 30%.

o5_4 [DAWN GALAXY] Cube & Items Properties

In Dawn Galaxy games, up to 10 characters can be placed initially and can be obtained by purchasing a mystery cube. Every character's abilities are varied.

Character mystery cube pre-order

Initially, a public pre-sale is carried out on the MetaSpace2045 platform, with 1,000 mystery cubes deployed for price purchase and 500 planets deployed for auction pre-sale. It's BUSD.

Character Properties

- **Commanding Power** : Calculates the capability value of a ship that can be used based on the number, and the higher the number, the more combat power of the ship is available.
- **Production Power** : Increases the amount of energy and various materials a building produces.
- **Research Power** : The time spent on formal weapons research is determined by the research power, and the higher the research power, the shorter the research and development time.

Ship Level	Required Meteorite Iron	Required Nanoblocks
Lv.1	-	-
Lv.2	100	20
Lv.3	300	60
Lv.4	600	120
Lv.5	1200	240
Lv.6	2400	480

Logic of Ship Fighting

If the user designates a ship to attack the target, all ships on the ship may participate in the battle, causing destruction of the target or loss of the ship.

Ship Properties

A ship can be acquired by purchasing a mystery cube.

The Camp of a Ship

Lethal skill: Probability of activation when energy storage is achieved 100. The damage is incredibly high.

Ship Upgrade

When a ship is dispatched to an Interstellar exploration game, the initial level is level 1, and a certain amount of meteorite iron and nanoblock is consumed for the upgrade. Each upgrade has significantly improved properties, making it easier for users to play on PVE and PVP.

The ship upgrade details are as follows.

Ship Level	Required Meteorite Iron	Required Nanoblocks
Lv.1	-	-
Lv.2	20	4
Lv.3	40	8
Lv.4	60	12
Lv.5	100	20
Lv.6	140	28
Lv.7	180	36
Lv.8	220	44
Lv.9	300	60
Lv.10	380	76

Item Type

Items are classified as offensive, defensive, armor (glove) and offensive speed, and ships in each camp receive an additional bonus if they are equipped with a specific item. Items should be studied in planetary system research facilities and materials should be consumed to modify the ship.

Item Quality

The quality of items is divided into red>gold>purple>blue>green>white.

Item Upgrade

Each item can be upgraded to a maximum of 10 levels, and each upgrade requires a certain amount of identical items and a certain amount of meteorite iron.

Item Build

Interstellar Exploration has a very rich library of items and a legendary God-level item with six attributes and four types that users can synthesize! In order to produce an item, you need to consume a certain amount of material, acquire the material through battle or exploration, and produce the strongest item.

Item Trading

Advanced items and advanced materials can be sent for trading on the trading platform.

o5_6 [DAWN GALAXY] Ranking

The ranking system in Dawn Galaxy is divided into two lists: PVE and PVP. Pve is level colleges are ranked according to the number of users clear and colleges are ranked according to the points competition pvp.

o5_9 [FARM] Interstellar Farm

Game-Fi play based on revenue statistics dashboards.

Additional M2045 revenue can be obtained through Minting or purchased NFTs, and more Farm revenue can be compensated through various combinations or boosts in the future.

o5_10 [DAO] MetaSpace2045 DAO

The MetaSpace2045 aims to create real and effective governance by empowering users to manage platform assets, as well as ensuring that DAO governance is not restricted to content functions and settings.

The M2045 token holder has the right to govern the platform and to manage the finances of the MetaSpace2045 platform and determine the future direction of development of the platform.

DAO Voting(Volt)

Platform revenue for the MetaSpace 2045 series is added to the DAO's finances, including:

1. 20% of Planetary Sales (BNB) Revenue Pre-Sold to Users – BNB
2. 20% of Mystery Cube Character Sales (BUSD) Revenue Pre-Sold to Users – BUSD

3. 20% of Mystery Cube Ship Sales (BUSD) pre-sold to users – BUSD

4. 50% of NFT Market Fee – BUSD

Funds consist primarily of BUSD and BNB, and users hold veM2045 and conduct governance voting to determine how DAO funds are used and distributed.

Governance Platform

In the early stages of the MetaSpace2045 governance platform, the team collects and initiates governance proposals, and veM2045 holders vote to determine the proposed outcome. At a later stage, it gradually changes to fully decentralized governance. veM2045 The holder will be the structure to initiate a proposal and vote to determine the outcome.

veM2045

veM2045 is for voting purposes and can be converted to M2045. This can be obtained by holding it without switching to M2045.

Purpose of veM2045

1. This is a prerequisite for purchasing a mystery cube in Dawn Galaxy gameplay.

2. MetaSpace2045 Voting Governance Rights.
3. Dividend rights of the DAO Treasury.
4. Receive special benefits from upcoming new content (e.g. free planet at Dawn of regend).

Calculation of veM2045

The longer the user stacks the M2045, the more veM2045 will be obtained, with a minimum lock period of 1 week and a maximum lock period of 1 year (52 weeks).

Up to one veM2045 can be obtained for each locked M2045 Your veM2045 converges linearly to zero over time until the lock expires. Increasing the number of locked MS045s can avoid a decrease in veM2045.

After the end of the lock-up period, the user can retrieve the agreed M2045.

05_11 [METAVERSIAN] What is Metaversian?



Our metaverse is with Metaversian.

Metaversian is a combination of metaverse and Homo Sapiens, which means a new human being living in a virtual era that has become a reality.

Our metaverse is not a playground for cute characters, but a fusion of MR (Mixed Reality) and Meta human technology.

Metaversian is the future of MetaSpace 2045.

Key Hardware Building Blocks:

IoT, 5G, Cloud Computing, AR Glasses, VR Headsets, and Gears, etc.

Key Software Building Blocks:

AI, Automation, 3D contents, and Animations, Location, Mapping, Sensor data, Simulations, etc.

06 M2045 TOKEN economy

The M2045 is an important part of the MetaSpace2045 economic model, offering incentives to players who are actively involved in projects and rewards anyone who contributes to game development.

The goal of the Metaspaces 2045 project is to become the most fun and popular entertainment platform based on the blockchain ecosystem. Our goal is for players to participate in projects, invest a certain amount of time and money, and earn more than that. It makes the process of participating in happiness and economic value investing in tokens more enjoyable.

The project eventually evolves into a large-scale project with self-production and self-marketing capabilities, completion of decentralization. In the course of project development, the initial participants of the project become the project through a variety of incentives, rewards, rewards, and other means. Pioneers and contributors, in this way more users will be switched and the final project will be large and decentralized. Token M2045 plays the most important role in this process.

code name : M2045

total : 2,000,000,000

and deployment is carried out according to specific rules. Only partially unlocked and issued and detailed rules are formulated annually by the community based on actual market conditions. The purpose of the token in the marketing part is to be used to expand the target number of users.

Project Production: Project output is an unlocked and distributed token obtained from the participation of Metaspaces 2045's various projects, namely GAME, NFT, FARM, DEFI, SOCIAL, and various subsequent projects and games. This is a key part of the project token economy and allows users (players) to participate in the project and earn rewards based on their contribution. Unlock and distribute rules are 1) Unlocked and released in 20 years and approximately 2045 annually 3) Released each project annually based on user engagement 4) If the number of users does not reach the target or the target unlock and distribution is not completed, part of the token flows into the CB process next year. 5) Every four years, deflation and inflation are managed by CB according to market conditions and project development.

1) Unlock and deploy around 2045: For the stable and sustainable development of the project, it will ultimately become a mega-distributed entertainment platform and the entire time node will be located in 2045. In this process, the token in the project starts with a set of conditions, unlocks, and releases, and this release process must be positive, and CB averages inflation and deflation in the market.

2) Unlock with target template of user count per year: The ultimate goal

and an important process of project distribution.

Figure 4: Market scenario map table for M2045 to be inserted

CB Extinction Mechanism: CB can be completely extinguished at once, or proportionally extinguished by meeting annual user growth targets, and is defined by the importance of market demand and inflation and deflationary balance.

Figure 5: Governance roadmap table for DAO tokens to be inserted

This token economy is not the final and complete version, and we will continue to develop new and more suitable solutions for project development through community selection during the project development process and updates.

Version: v.0.3.220808

07 Indemnification Provision

Read the indemnification provision carefully.

If you have questions about the actions to be taken, you should consult:

Your legal, financial, tax or other professional advisor

The information listed below may not be complete and does not imply any elements of the contractual relationship.

Although all of this data is accurate and up-to-date, it is not professional advice.

Metaspace2045 does not guarantee the followings.

It is not legally responsible for the accuracy, reliability, up-to-date or completeness of the data in token economy.

Participants and potential token holders should seek advice from appropriate independent experts before trusting, promising, or trading materials published in this token economy.

No jurisdiction constitutes securities.

