

WhitePaper-Mago Hash





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Project Name: Mago Hash

Governance Token: Mago Badge Abbr: MGOB

In-game currency: SunFlake Abbr: SFK

Mago Marketplace: Mago Market

Version1.01 :Mago Hash Vanterm



Mago Hash Introduction



The Story of Mago Hash happened on a planet named #2468PD is located 7 billion light-years away from Earth. One day of 300,000 AD on the planetary calendar, the sun is suddenly shattered, and SunFlakes fall on Mago Hash, triggering an unprecedented catastrophe. A few years later, as the radiation impact of the SunFlakes gradually alleviated, the carbon-based inhabitants step-by-step evolved into a new creature-Mago. They call themselves Mago to distinguish them from the Former inhabitants of Mago Hash.

Mago Hash is a virtual gaming metaverse built on Binance Smart chain/Ethereum. Every player can collect Mago NFTs (ERC-721) to develop their Mago team and purchase the assemblable NFT limbs(hands & Legs) (ERC-721 or ERC1155) to breed your single Mago. Every Mago deck composed of 3 Magos can join the in-game Exploration/Discovery/Adventure/Expedition (PvE mode) and street combat or any other genre's PvP mode to earn SunFlakes(\$SFK, ERC-20).

The inhabitants of Mago Hash are granted eternal rights of governance, voting, and in-game creation, including but not limited to: in-game punk design, avatar customization, and homestead construction. On the planet of Mago Hash, you should never miss the MagiMagi Fashion shop, Dancing hall, Weird Bar to relax after a whole day's work. Besides, The tool shop and drugstore can recover or enhance your Magos in some attributes. Anyway, you will always be trendy and vogue in Mago Hash.



Technology

The NFT is one of the cryptographic assets that live on the blockchain with unique identification codes and metadata. It features such attributes as indivisibility, authenticity, and Tradability, empowers players to own their gaming assets with proof, and record flash moments of playing in the blockchain. What's more, Players can explore multiple games with one NFT character. For example, players can immerse themselves in Hogwarts to take magic lessons as a Pikachu in the morning and travel to Stormwind City of World of Warcraft to complete the in-game mission at midnight.

Metaverse has introduced a unique game experience and gameplay by combining the traditional game mechanisms and blockchain technology, leaving an aspiring imagination of the future game landscape. With the coming of Web 3.0, an era when things are fully connected, people perceive the world accurately, and objects can express themselves wisely, the metaverse is accelerating. Ready Player One is one of the great samples of the metaverse that we can envision. It should be noted that we do not encourage a metaverse that is disconnected from the real world. But a semi-metaverse closely links to two spaces, the virtual and the real, by the peer-to-peer ledger network.

Mission

In Mago Hash, The play-to-earn game ecosystem allows every player to earn virtual currency through in-game playing and committed contributions. The players always own their digital assets, which can be transferred into real-world income. In the traditional game experience, players always work as digital labor to complete various online tasks or create user-generated content for gaming platforms in their leisure time. But the outcome belongs to the game owner. Mago Hash is a planet committed to encouraging the monetization of time spent on this planet, which can perfectly harmonize work and play.





Summary of Game Design Concept

Play-to-Earn Ecosystem/Mechanism

The play-to-earn mechanism runs across the entire game, including gameplay and blockchain featured ecosystem. We designed a complete, sustainable, and circular ecosystem that is immersed in the gameplay. In-game, players have to use their strategy and wit to advance through the game level by setting up the Mago teams to earn \$SFK tokens.

Earn-to-Joy Mechanism

The Earn-to-Joy Mechanism is designed to give players maximum fun in Mago Hash. We migrate the real-world's leisure and entertainment activities into our Metaverse so that our players can experience virtual online joy staying at home. Mago Hash is a great venue to provide a ton of fun, where players can watch the Hollywood Bowl, immerse themselves in a fierce Brazilian football match against France, and join a jazz music festival every summer in-game.

Besides the entertainment activities, Mago Hash will hold regular Competitive Sports/Olympic Games for all inhabitants, allowing players to experience thrill-free competitive sports. Mago Hash aims to provide players with a "friendship first, competition second" arena. All sports games are designed happily and absurdly to avoid vicious competition.

Emotion Connection Design

Mago Hash provides the opportunity to create a “leading by emotion” situation for all players as we know the game travel can produce a strong emotional bond between strangers, particularly after the coronavirus broke out, which made people quarantined.



Mago Hash is committed to designing an open world, allowing players to customize their Avatars and various interactive emojis, making players feel the kindness and friendliness from this spirit metaverse. In the Mago Hash world, players can snuggle with peers in the sea of mist, watch giant beasts devour sharks, and watch the sunrise and sunset hand-in-hand in Link City, the highest city in Mago Hash. Take it in one sentence. Players can fully utilize their creativity and initiative to create beautiful things which can be permanently recorded in the blockchain.

GAMEPLAY SETTING

Scavenger Mode(PvE)

Scavenger Mode is a kind of PvE adventure in which players lead their mago team to victory. In the suburb of Mago Hash, all sorts of local animals and plants are aggressive because of unknown radiation-exposed years before. Besides, there are evil forces who are trying to build an anti-justice party to destroy the land. As a justice mago captain, players need to take their responsibility to break through any crises, beat the evil, and gain the SunFlakes to keep their mago team strong.



Only three mago are allowed to participate in each battle (PvE). Before the battle begins, players can arrange the Mago team's lineup, including the match of Mago's race and profession, to kill the enemy more efficiently in the battle. Players can obtain a certain amount of SunFlakes after winning each battle. As the difficulty of the enemy increases, the number of SunFlakes received will also increase.



Carnival mode(PvP mode)



Carnival mode is a PvP mode in Mago Hash to keep all inhabitants locally occupied and entertained. Towns and clubs hold no-risk Carnival regularly, including street fairs/street 3v3 fights, no-difference football matches, and so on.

No-difference Football Match

No-difference Football Match is an annual Mago event. There are no rules, no organization, and no Mago will retreat during the football match. More details will be released in the next version of the whitepaper.



OpenWorld

Openworld, defined as a stylized big world scene, similar to MMORPG, is a combination of open-world RPG and Business simulation game's gameplay.

Mago Hash provides an opportunity for players to purchase NFT lands and materials to build their own houses or workplaces, and players can also earn income from the land business. If the landowners have no time to manage their land, they can post a task in the MISSION CENTER to invite other players to work for them.



Guild Hunting Ground

Players can join one Guild Committee in the game, a love-and-peace Underground organization, where players can team up with peers from the same committee. The committee aims to provide a test battle environment for mago training.

World Guide

Mago Hash's prequel

The story of Mago Hash happened on a planet named #2468PD is located 7 billion light-years away from Earth. One day of 300,000 AD on the planetary calendar, the sun is suddenly shattered, and SunFlakes fall on Mago Hash, triggering an unprecedented catastrophe. A few years later, as the radiation impact of the SunFlakes gradually alleviated, the carbon-based inhabitants step-by-step evolved into a new creature-Mago. They call themselves Mago to distinguish them from the Former inhabitants of Mago Hash world.

Scavengers

In Mago Hash, most magos have to explore the wildland to gain SunFlake (SFK) for living. The wildland is full of dangers that residents have never met before. To better and efficiently explore the wild territory, Magos got united and formed a Mago team with 3 magos. They were called Scavengers.

The second exploration

As the familiar world became a dangerous and unknown place, Magos, who survived from the radiation, spontaneously formed Mago Camps for Mago Hash exploration. Kersma, one of the most famous leaders of the camp, aligned several other camps and launched an exploration



plan with extremely inflammatory words. In this exploration, magos go forward, not afraid of the dead. In the end, after sacrificing a large number of Mago, they only opened up a small continent, just like the first peninsula development with extremely low-cost performance in history. It's called the second exploration.

Mago NFTs

Brief Introduction

The SunFlakes fell on Mago Hash, the human body was dissolved, and the intense radiation unexpectedly caused the human soul to be extracted from their body. Some souls lost part of perception while some parts strengthened. The magos are made of souls, and they can carry all the residual limbs freely, but sometimes they may look weird and ridiculous. All magos feed themselves with SunFlake to survive. That's why Magos have a tireless pursuit of the SunFlakes.

Unique Race

The Magos, with different body structures, pursuits, and hobbies, gradually formed different kinds of races, including Beasts, Mechanic, Bones, etc. And every mago has its own race with no discrimination.

Cool Occupations

Since the body no longer restricts the soul, Magos choose their occupations following their heart entirely, so all kinds of weird professions have emerged on this land.



Mago Market

MagiMagi Fashion Shop

MagiMagi Fashion Shop offers a variety of bodies for your Magos to resemble. As it says in the advertisement that "Do you want the brand-new arms from a former human being on the Solar Tower in 2081? Or are you chasing a retro and vintage bone before the sun breaks? Or would you like to have distinctive animal limbs with unique attributes or powerful arms? We have everything you want here! We are professional body hunters, and MagiMagi Fashion Shop is a professional processing company with excellent after-sales service to give you a professional trending attitude!"



Wish's Blacksmith

In the Mago Hash world, there's a place where it's not just about helping you build weapons applied in fighting mode. It's also about providing robust defenses and even can help you to craft hand-made vehicles. All things you wish will be realized here, and it's also their business code.

Character Introduction

Doctor Squid

Before the cataclysm, Doctor Squid was a knowledgeable geek and tech nerd working in a high-tech company full of mystery. According to unreliable folklore, Doctor Squid's Lab was the scariest place in the company. His intern would unconsciously have their organs and tissues replaced throughout their body, and those organs may not belong to human beings. When the cataclysm happened, he stayed in the lab to protect the blue-ringed squid sample, then the radiation made the doctor's soul and squid's body merge. Now, Doctor Squid feels



better because he is more efficient than before, making him feel comfortable with his squid body.

Stupid/clumsy wrench/spanner

Clumsy Spanner looks strong, and actually, he is a powerful protector having a talking cat. The story of the cat is weird. Someone said his cat was his best brother, and some say that it was a bully who once robbed him of all his money. We took the first version of the story as the Clumsy spanner always protects his cat from harm and never lets him alone. Once the cat is touched, no one knows how destructive a Clumsy Spanner can be.

Lady Lark

Lady Lark was an experienced dancer before the cataclysm, but the radiation turned her into a noisy rapper. But her body did not support her new hobby, leading her voice like a loud gong that made her teammates crazy. To lessen the impact of her voice, teammates speed up their movements which made Lark think that her singing could boost their morale, so she sings harder.

Tiny Fist

Tiny Fist is a little girl with immeasurable power, and she has a hammer made from lollipop-like stones. When she waved her hammer, even strong trees couldn't stop her from advancing. She once heard that the sweetest thing in the old world is lollipops in a new-build theatre, then she made her ambiguous decision that she would find the most adorable lollipops during the expeditions.

More characters are coming soon.



Economics & Tokenization

The foundation system within Mago Hash is built by its inner transparent monetary institution with two currencies involved, Mago badge(\$MGOB) and SunFlake (SFK). The financial institution is driven by the in-game and blockchain mechanism, always providing a balanced and user-friendly experience and avoiding currency inflation in the mago hash world and the real world. The dual token system can theoretically cater to all needs, including the reward system, GameFi, and DAO community governance.

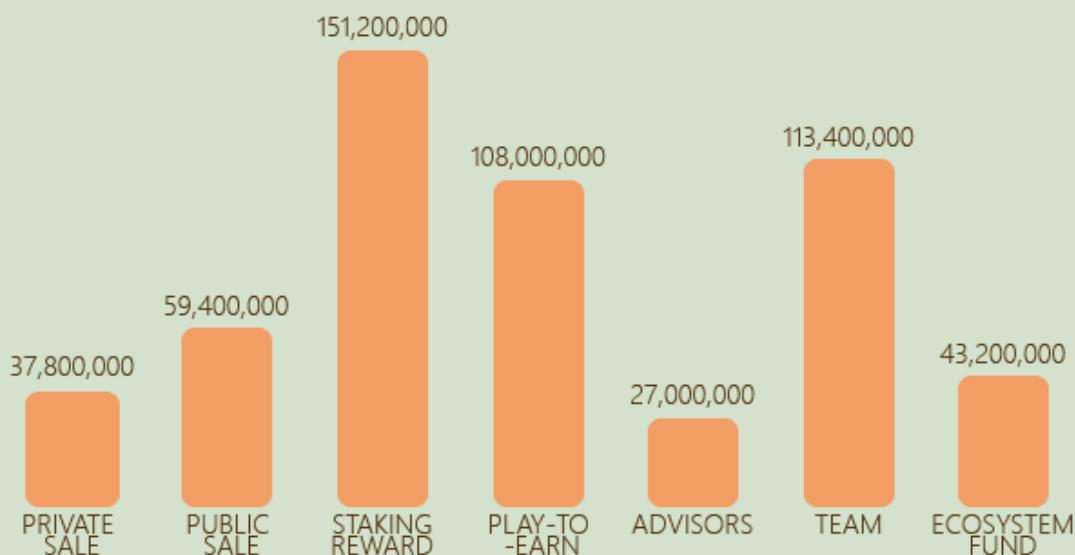


Governance token-Mago Badge/\$MGOB

\$MGOB tokens are a BEP-20/ERC-20 governance token for the Mago Hash development. It's a long-term incentive token that reflects the entity value of Mago Hash. The total supply of \$MGOB is permanently fixed and transparent in the blockchain.

MAGO holders will be rewarded by staking their tokens, voting for governance, playing the game, and constructing the community. Players will also be able to earn MAGO tokens from user-generated content initiatives.

The Distribution of \$MGOB





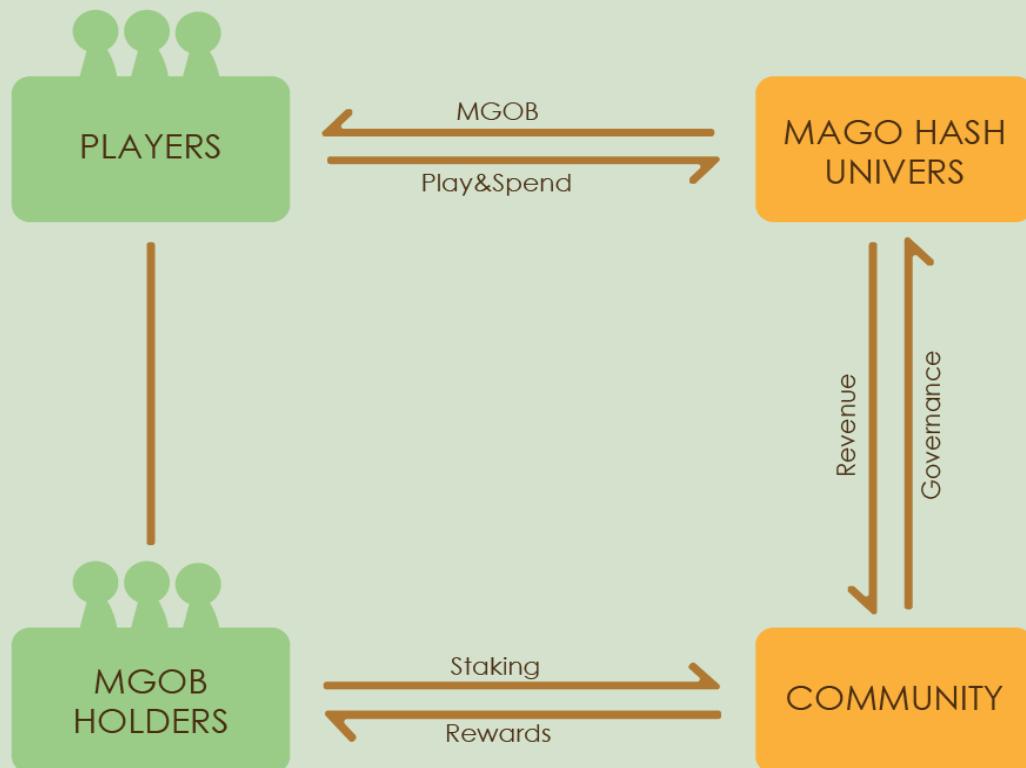
The fund distribution will be issued until the Mago Hash game is ready for a steady growth phase.

\$MGOB Release Schedule



\$MGOB will be unlocked in a pre-determined schedule which will last for 65 months.

\$MGOB Circulation





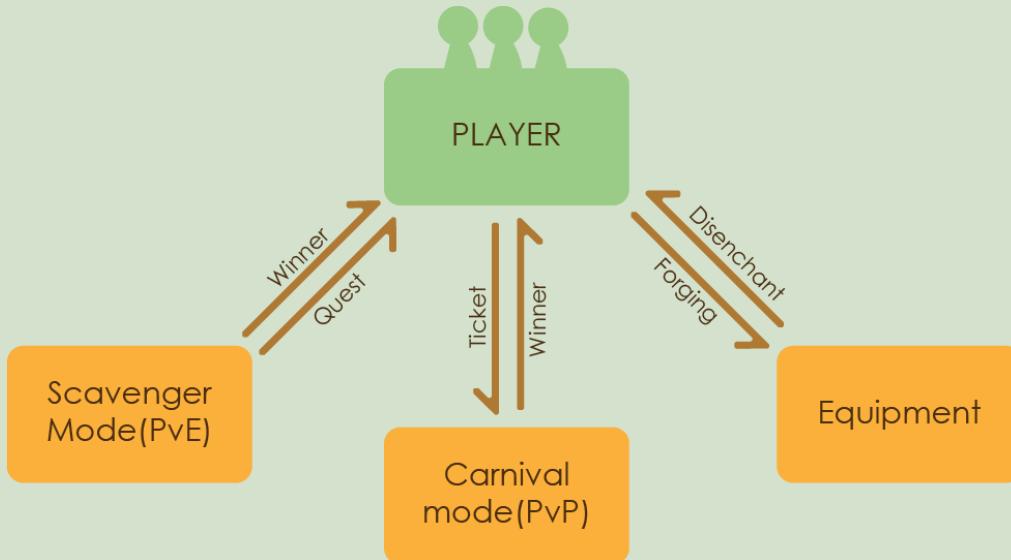
Mago bridge (\$MGOB) is a currency of the Mago Hash universe; players can earn \$MGOB by trading NFT magos and NFT weapons they have cultivated. Breeding mago and forging weapons will improve the power of the mago team overall, and it will consume a lot of their Sun Flakes. The NFTs with excellent attributes and unique appearance will be more competitive because of their scarcity and uniqueness.

In 2022, Mago Hash planet will open up its land business system to players. At that time, players can use MAGO to buy their permanently owned NFT land while being free to build their land and benefit from it.

In-game Currency-SunFlake/\$SFK

SFK token (SunFlake) is one of the forms of currency that players can earn from the game. Players can win SFK tokens by participating in the Mago Hash adventure/expedition, completing the in-game mission, or getting victory from PvP Street Fight or No-difference Football Match. The reward of SFK will be distributed according to players' performance. Furthermore, The players can obtain the SFK token every day with a maximum upper limit designed to protect the ecosystem of Mago Hash from inflation.

SunFlake/\$SFK Circulation



The output and consumption of \$SFK are dynamically adjusted by the inner dynamic economic balance mechanism throughout the Mago Hash universe, keeping the ecosystem healthy and positive, avoiding in-game inflation or deflation.

Play to Earn \$SFK

Scavenger Mode(PvE): Every victorious player will gain a certain number of Sun Flakes as the daily reward from the Scavenger Mode. The number of dividends will be determined by the player's performance in the PvE adventure. The rules of rewarding will be announced after the first game launch. This part of the reward counts parts of the SFK total supply, and it can be obtained every day.

Carnival mode(PvP): Carnival mode is also known as a PvP mode in Mago Hash, of which the aim is to keep all inhabitants locally occupied and amused. The no-risk Carnival festival and match leagues will be held regularly, including street 3v3 fights, no-difference football matches, and so on. The top winners will be rewarded with the majority treasure jackpot at the end of every season according to their outstanding performance. The king of the ranking list will be awarded a unique, glorious badge carved with historic moment honor.

In-Game Mission: Players can earn \$SFK from participating in a series of in-game tasks published by mago world or other users. The income is varied and flexible. The most important is that players are free to join any of them.



NFT Staking: Every player can allow their idle, off-the-team magos to work at the mining pool to earn \$SFK. The \$SFK outcome of the mining pool is fluctuant adjusted according to the dynamic economic balance system. The income of every mago is related to their level, grade, and skills, which can be used in their work. The higher performance magos can share higher benefits. This feature is trying to help players to allocate all their in-game assets properly.

Spend to Breed/Joy

Get Armed: Players can use \$SFK to upgrade their Mago's level and skills or forge the weapons or tools to arm their mago teams.

For Ticket: Every Tournaments and carnival festival requires a small number of \$SFK as the entrance ticket. With certain tickets, players can have fun around.

DAO(Decentralized Autonomy Organization)



Mago Hash DAO is a digital organization that provides a fresh way for investors, game players, and token holders to make relatively fair decisions, making Mago Hash successful. All the voting is transparent and “autonomous” without any approval.

Typically, any players who own governance tokens tied to a DAO can vote on proposals, and their votes are weighted based on the number of tokens they hold. We are delighted to build an Anarchical Society Metaverse for all Mago players.

Tech billionaire Mark Cuban expects DAO to transform how companies are built and run. DAOs are “the ultimate combination of capitalism and progressivism,” Cuban said.



Tools

Unreal Engine 5

Hear from Epic and other industry experts about the tools that are enabling teams of all sizes to create the next generation of games.

Nanite (UE5)

Nanite virtualized micropolygon geometry frees artists to create as much geometric detail as the eye can see.

Lumen (UE5)

Lumen is a fully dynamic global Illumination solution that immediately reacts to scene and light changes, allowing for more interactive and dynamic virtual worlds.

World Building

Build realistic environments with non-destructive landscape creation and editing tools and an accurate atmospheric sky model.

Niagara VFX

Niagara is a node-based programmable VFX system that helps artists to create everything from particle effects to fluid simulations and flocking behaviors. Want to generate the same type of effects used in Fortnite or create more compelling cinematics? Niagara has you covered.



Chaos Physics

Chaos is Unreal Engine's next-generation high-performance physics system. Using Chaos's Destruction feature, you can fracture, shatter, and demolish massive-scale scenes at cinematic quality with unprecedented levels of artistic control. Chaos also supports static mesh dynamics, cloth, hair, vehicles, and rigid-body animation, and is integrated with Niagara for secondary effects such as dust and smoke.

RoadMap

2021

Q4-Development Start

- Story Background writing and concept abstract
- Plan of game development
 - core gameplay setting
 - characters build
 - weapons build

2022

Q1 MAGO released

Q2 Marketplace released

Q3 Weapon Forging released

Q4 Explore Battles PvE mode

- Explore Battles released
- Mago CampV01

2023

Q4 PlayGround (PVP mode) released



- **street battle**
- **No-difference football matches**
- **Interactive Emoji**

TBD Hold in-game events, including music festivals, street fairs, and so on.

2024

Q1 Land business released

Q4 OpenWorld——Mago Hash released