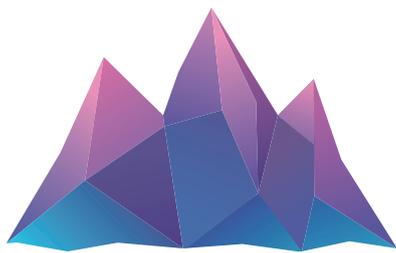


# Mystic

# White Paper

## 2024



# Mystic

"Mystic" is an innovative P2E (Play-to-Earn) game and decentralized application (DApp) ecosystem developed around the MTC, an ERC-20 token based on the Ethereum blockchain. The Mystic project aims to provide users with a comprehensive platform for creating, trading, and staking various digital assets.



# Table of Contents.

## 1. Introduction

- Project Overview
- Purpose

## 2. Business Direction

- Decentralized Gaming Experience and Economic Activation
- Web3 Community Platform
- Independent NFT Marketplace

## 3. Technical Architecture

- Ethereum-based Smart Contracts (ERC-20)
- DApp Development Framework
- Backend and Frontend Infrastructure

## 4. Ecosystem and Circulation Structure

- Circulation of Economic Activities
- Sustainable Economic Model
- Interaction Among Participants

## 5. Token Information

- Token Name and Abbreviation
- Type
- Initial and Maximum Supply
- Smart Contract Address

## 6. Tokenomics

- Token Distribution
- Initial Circulation Structure
- Burn Mechanism

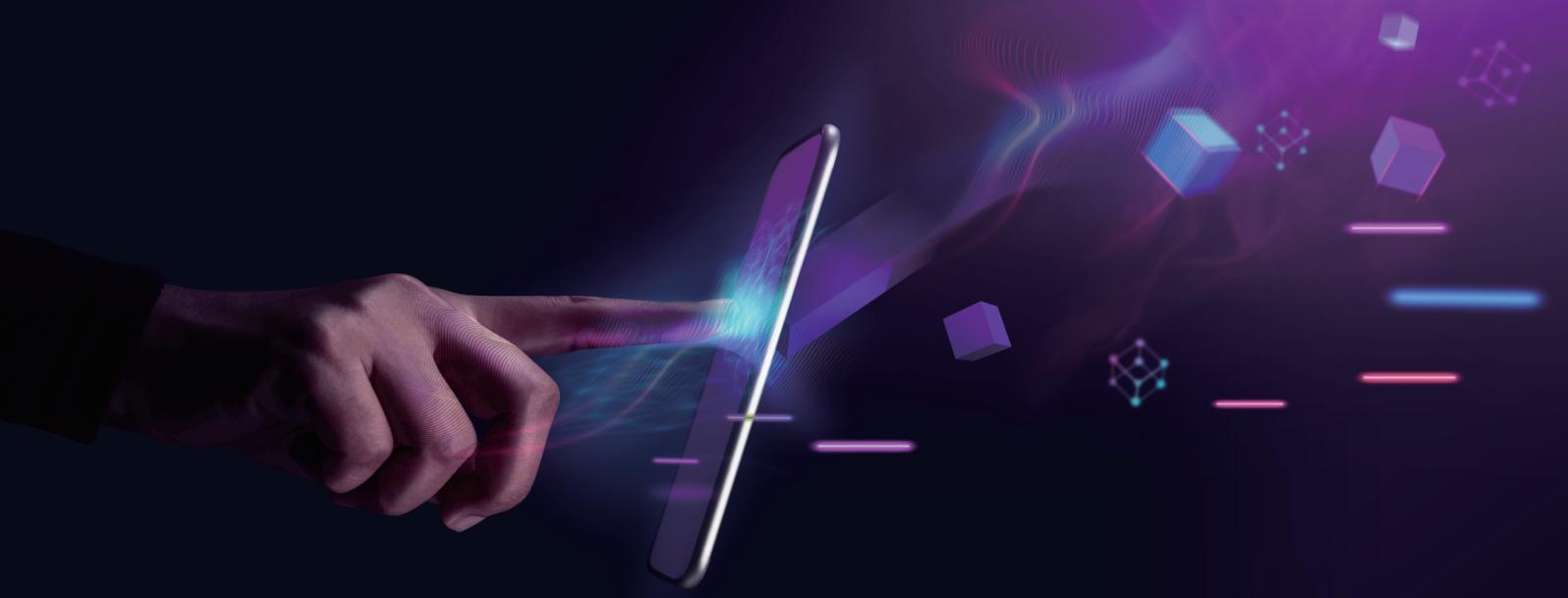
## 7. Advertising Revenue Sharing

- External Advertising Revenue Structure
- Community User Payment Method

## 8. Project Roadmap

## 9. Disclaimer





## 1. Introduction

### Project Overview

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"Mystic" is an innovative P2E (Play-to-Earn) game and decentralized application (DApp) ecosystem developed around the MTC, an ERC-20 token based on the Ethereum blockchain. The Mystic project aims to provide users with a comprehensive platform for creating, trading, and staking various digital assets.

This platform integrates three core components: gaming, community engagement, and an NFT marketplace, to offer users a richer digital experience. Mystic's P2E games enable players to acquire NFT items within the game, which can be traded or staked to generate income. The game evolves beyond mere entertainment into a realm of economic activity, providing players with the opportunity to create real economic value through their time and effort.

Mystic's community platform allows users to participate and communicate in various ways. Community members can use tokens to vote, engage in forum discussions, and participate in events, playing roles not just as consumers but as co-creators in the project's development and growth.

Additionally, Mystic's NFT marketplace provides a space for users to freely trade their NFTs, supporting not only game-acquired NFTs but also various other digital assets. All transactions within the marketplace are transparently conducted using blockchain technology, with all transaction records being publicly accessible.

The Mystic project seeks to overcome the limitations of centralized systems through a decentralized ecosystem. Centralized systems can lead to consumer loss, monopolization by corporations, and unnecessary regulations. Mystic addresses these issues using blockchain technology to create a transparent and fair system that allows users to securely manage and trade their digital assets.

Mystic also strengthens the economic circulation structure within the ecosystem to pursue a sustainable growth model. The interaction between games, the community, and the marketplace allows users to generate revenue in various ways, fostering the entire ecosystem's activation. Mystic's goal extends beyond technological innovation to provide users with tangible economic value.

This project provides an environment where users can fully control their digital assets and enjoy economic autonomy. Mystic leverages the potential of blockchain technology to establish a new paradigm in the digital economy.

## Purpose

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The primary purpose of the Mystic project is to solve various problems that arise in centralized systems, where issues such as consumer loss, corporate monopolization, and unnecessary regulations can occur. **Mystic has set the following objectives to address these issues:**

- 1) Enhancement of Economic Autonomy :** Mystic creates an environment where users can transparently and fairly control their digital assets, enabling them to manage and trade assets without relying on centralized institutions.
- 2) Consumer Protection :** Using blockchain technology to ensure the transparency of transactions and protect consumers from fraud and malpractice. All transactions are recorded on the blockchain and can be verified by anyone.
- 3) Community Activation :** Mystic provides a variety of community activities that allow users to actively participate. Users can engage in voting, forum discussions, and events within the community to participate in decision-making.
- 4) Enhancement of Digital Asset Value :** Through games, community activities, and the NFT marketplace, Mystic enhances the value of the digital assets held by users. Within the ecosystem, the creation, trading, and staking of assets continuously generate income.
- 5) Provision of Innovative Gaming Experience :** Mystic offers an innovative gaming experience through its decentralized P2E game platform. NFT items acquired in the game can be staked or traded for additional revenue.

## 2. . Business Direction

The Mystic project charts a new business direction by exploring various methods to innovate the digital economy. This project aims to transcend the limitations of existing gaming and digital asset markets by maximizing user experience and emphasizing participation and transparency.

To overcome the drawbacks of centralized systems and provide users with greater autonomy and opportunities for participation, Mystic focuses not only on technological innovation but also on innovating its business model. It utilizes various technical tools and frameworks to create structures that allow users to directly participate in economic activities.

Mystic's business direction also emphasizes sustainability. It fosters long-term engagement by providing economic incentives and ensures that activities within the platform are voluntary and sustained. This enables all participants to experience direct benefits as the platform grows, contributing to building a stronger community and ecosystem.

**Mystic is focused on the following four business areas to materialize its business direction:**



### Decentralized Gaming Experience and Economic Activation

Mystic aims to provide users with an innovative and immersive decentralized gaming experience while enabling them to participate in genuine economic activities and generate income. It introduces various mechanisms and incentives to activate the in-game economy and build an ecosystem where users can continuously participate.

## ■ Innovative Gameplay

- **Decentralized In-game Trading Environment**

Using blockchain technology, all assets and transactions within the game are transparently recorded, allowing users to enjoy a trustworthy gaming environment.

- **Player-driven Economy**

The in-game economy is driven by players, with all economic activities recorded on the blockchain. Users can acquire various digital assets while playing, which are provided as NFTs with real value. Players can trade or stake these assets for additional income.

## ■ NFT-based Asset Management and Economic Circulation Structure

- **Economic Circulation Structure**

The in-game economy continuously circulates through the creation, trade, staking, use, and destruction of assets. Users can use NFT items to achieve victory or meet objectives within the game, sometimes obtaining higher-value NFTs or even leading to their destruction. This circulation structure maintains the vitality of the in-game economy and provides an environment for continuous user participation.

## ■ Fair Reward System and Community Participation Incentives

- **Fair Reward System**

The core of the Web3 gaming experience lies in a fair and transparent reward system. Mystic automates in-game rewards through smart contracts, with all reward details recorded on the blockchain. This ensures users receive fair compensation for their efforts and reduces the risk of fraud and manipulation.

## ■ Events and Tournaments

- **Event and Tournament Hosting\***

Mystic regularly hosts a variety of events and tournaments to encourage user participation and activate economic activities. These events offer special rewards and rare NFT items, sparking user interest. Events and tournaments activate the in-game economy and promote competition and cooperation among users.

## ■ Sustainable Gaming Ecosystem

- **Digital Asset Management Portfolio**

Mystic provides various tools and features that help users efficiently manage their digital assets. Users can check their asset status in realtime, track transaction histories, and manage staking statuses. This portfolio assists users in participating more systematically in economic activities.

- **Sustainable Economic Model**

Mystic introduces various mechanisms to ensure the ingame economy remains sustainable. It reinvests revenues generated through economic activities and encourages new user participation to expand the economic ecosystem. Additionally, it manages in-game inflation and maintains asset value stability through smart contracts that operate automatic adjustment mechanisms.

Mystic's activation of the in-game economy focuses on enabling users to create substantial economic value and build a sustainable economic ecosystem. This allows users to enjoy a more immersive gaming experience and convert their efforts into economic outcomes.

- **P2E Game Reward Structure**

- **Quest and Mission Completion Rewards:** When users complete specific quests or missions, MTC tokens and NFT items are automatically awarded through smart contracts. Rewards vary based on difficulty and time required.
- **Random Reward System:** Performing certain actions or using items within the game triggers random rewards, enhancing the game's excitement and enjoyment.
- **Item Enhancement :** Successful enhancement of NFT items allows ownership of more scarce NFTs (burning the original NFT).
- **User Match :** Winners in user matches can destroy or seize NFTs from other players.
- **Leaderboard and Tournament Rewards:** Regularly held tournaments and leaderboard rankings offer rewards to top players, stimulating competition and encouraging game participation.

## Web3 Community Platform

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Another key component of the Mystic project is the Web3 community platform. This platform aims to create an environment where users can actively participate in community activities and contribute to the project's development direction. It utilizes Web3 technology to establish a circulation structure between advertisers and users.

### ■ User-Centered Decision-Making Structure (Governance)

The Web3 community platform provides a voting system that allows users to participate in major project decisions. Token holders can exercise voting rights based on their token holdings, reflecting the community's will in determining the project's development direction. This enables users to go beyond mere participants and act as co-creators.

### ■ Forum and Discussion Features

Mystic's Web3 community platform offers forum features that allow users to discuss various topics and share opinions. Users can share their ideas and suggestions and collaborate with other users to discuss improvements to the project. This continuous development and evolution of the community meet the needs of its users.

### ■ Events and Participation Incentives

The community platform provides various events and participation incentives. Users can participate in community events to receive rewards, primarily in the form of MTC tokens. These events encourage active participation and promote community activation.

### ■ Advertising Revenue Sharing Structure

The community platform generates revenue through external advertising and distributes these earnings to community users. Advertising revenue contributes to the maintenance and development of the platform, and users receive compensation for their participation and activities. This encourages more activity within the community and enhances users' economic autonomy.

## Independent NFT Marketplace

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Another core element of the Mystic project is the NFT marketplace. This marketplace provides an environment where users can freely create, trade, and stake NFTs, maximizing the liquidity of digital assets and offering various income opportunities to users.

### ■ NFT Creation and Issuance

NFTs are issued as unique digital assets using blockchain technology by the Mystic operations team, allowing owners to transparently prove ownership. The NFT marketplace is being technically implemented to potentially interoperate with Mystic's game NFTs in future development phases.

### ■ NFT Trading Platform

Mystic's NFT marketplace offers a safe and transparent trading environment for users to freely trade NFTs. Transactions are automatically processed through blockchain-based smart contracts, with all transaction records stored on the blockchain. This allows users to buy and sell NFTs in a trustworthy environment and enhances market liquidity.

### ■ NFT Staking and Income Generation

The marketplace also provides a feature that allows users to stake their NFTs to generate additional income. NFT staking involves users locking their assets for a certain period to contribute to the platform, receiving MTC tokens as compensation. This provides an incentive for users to hold NFTs long-term and contribute to the platform's growth.



### 3. Technical Architecture

The Mystic project leverages cutting-edge blockchain technology and efficient development frameworks to provide a stable and scalable platform. The technical architecture includes Ethereum-based smart contracts, the ERC-20 token standard, DApp development frameworks, and backend and frontend infrastructure.

#### Ethereum-based Smart Contracts (ERC-20)

Mystic's MTC token complies with the Ethereum blockchain's **ERC-20 standard, offering the following benefits:**

- **호환성** : Complies with all wallets, exchanges, and DApps that support the ERC-20 standard, facilitating the circulation and use of MTC tokens.
- **Basic Functions** : The ERC-20 standard defines essential functions such as token transfers, balance inquiries, approvals, and transfers, ensuring consistent token operations.
- **Reliability** : The ERC-20 standard is widely used within the Ethereum community, providing verified reliability.

## DApp Development Framework

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Mystic utilizes various frameworks and tools **for efficient DApp (Decentralized Application) development:**

- **Truffle** : A development framework that supports smart contract development, testing, and deployment, helping developers efficiently build DApps.
- **Ganache** : Runs a private Ethereum blockchain network locally to facilitate development and testing.
- **Web3.js** : A JavaScript library that interacts with the Ethereum blockchain, connecting DApp frontends with smart contracts

## Backend and Frontend Infrastructure

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Mystic provides a seamless user experience through robust and scalable backend and frontend **infrastructures:**

### ■ Backend Infrastructure

- **Node.js** : A server environment with an asynchronous event-driven architecture, offering high performance and scalability.
- **Express.js** : A fast and flexible web application framework for Node.js, making it easy to build RESTful APIs.
- **MongoDB** : A NoSQL database that uses a document model similar to JSON, supporting rapid data access and flexible schema design.

### ■ Frontend Infrastructure

- **React.js** : A JavaScript library for building user interfaces, enhancing reusability and maintainability through a component-based architecture.
- **Redux** : A JavaScript library for managing application state, ensuring consistent data flow.
- **Web3.js** : Connects the frontend with the Ethereum blockchain, allowing users to interact with DApps

## 4. Ecosystem and Circulation Structure

The ecosystem and circulation structure of the Mystic project are based on the three business directions mentioned earlier, with various components interacting to form a self-sustaining economy. This enables users to create economic value within the platform and promote sustainable growth. The circulation structure of the Mystic ecosystem stimulates economic activities and supports sustainable growth.



### Circulation of Economic Activities

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- **Token Issuance and Initial Distribution** : MTC tokens are initially issued and distributed to various stakeholders, serving as initial operating funds and incentives for the project.
- **In-game Rewards** : Users receive MTC tokens and NFT items as rewards for completing various quests and missions in P2E games
- **Community Activity Rewards** : Active users within the Web3 community platform are rewarded with MTC tokens for activities such as posting, commenting, and participating in votes
- **NFT Trading and Staking** : Users can trade or stake NFTs in the marketplace to receive additional MTC token rewards
- **Advertising Revenue Distribution** : Advertising revenue generated in the community platform is distributed to active users in the form of MTC tokens.

## Sustainable Economic Model

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- **Creation and Utilization of Assets** : Users generate new NFTs and MTC tokens through in-game activities. These assets are distributed and utilized through the marketplace and community.
- **Circulation of Economic Activities** : Users trade or stake assets obtained from games in the marketplace, generating income and reinvesting it in games or community activities. This circulation structure maintains the vitality of the ecosystem and encourages continuous user participation.
- **Inflation Management** : Mystic manages inflation and maintains the stability of asset values using smart contracts that operate automatic adjustment mechanisms, ensuring the economic model remains sustainable long-term.

## Interaction Among Participants

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The Mystic ecosystem becomes more vibrant through the interaction of various participants. Users cooperate and compete through in-game activities, community participation, and NFT trading. The ecosystem and circulation structure of Mystic provide an environment for users to participate in various ways and create economic value, building a sustainable economic ecosystem. This allows Mystic to offer all participants fair and transparent economic activity opportunities and promote the continuous development of the ecosystem.



## 5. Token Information

<b>Token Name</b>	: Mystic
<b>Abbreviation</b>	: MTC
<b>Type</b>	: Ethereum (ERC-20)
<b>Initial Supply</b>	: 100,000,000 MTC
<b>Maximum Supply</b>	: 150,000,000 MTC
<b>Smart Contract Address</b>	: 0xb796834b1D1aC1e0B56b27Fc1fD8d1AADaa97393

The initial supply of Mystic tokens (MTC) is 100,000,000 MTC (100 million), and the maximum supply is capped at 150,000,000 MTC (150 million) to maintain the scarcity of the token and preserve its long-term value. Additional issuance may be carried out as needed to support project growth and ecosystem expansion, and to manage inflation.

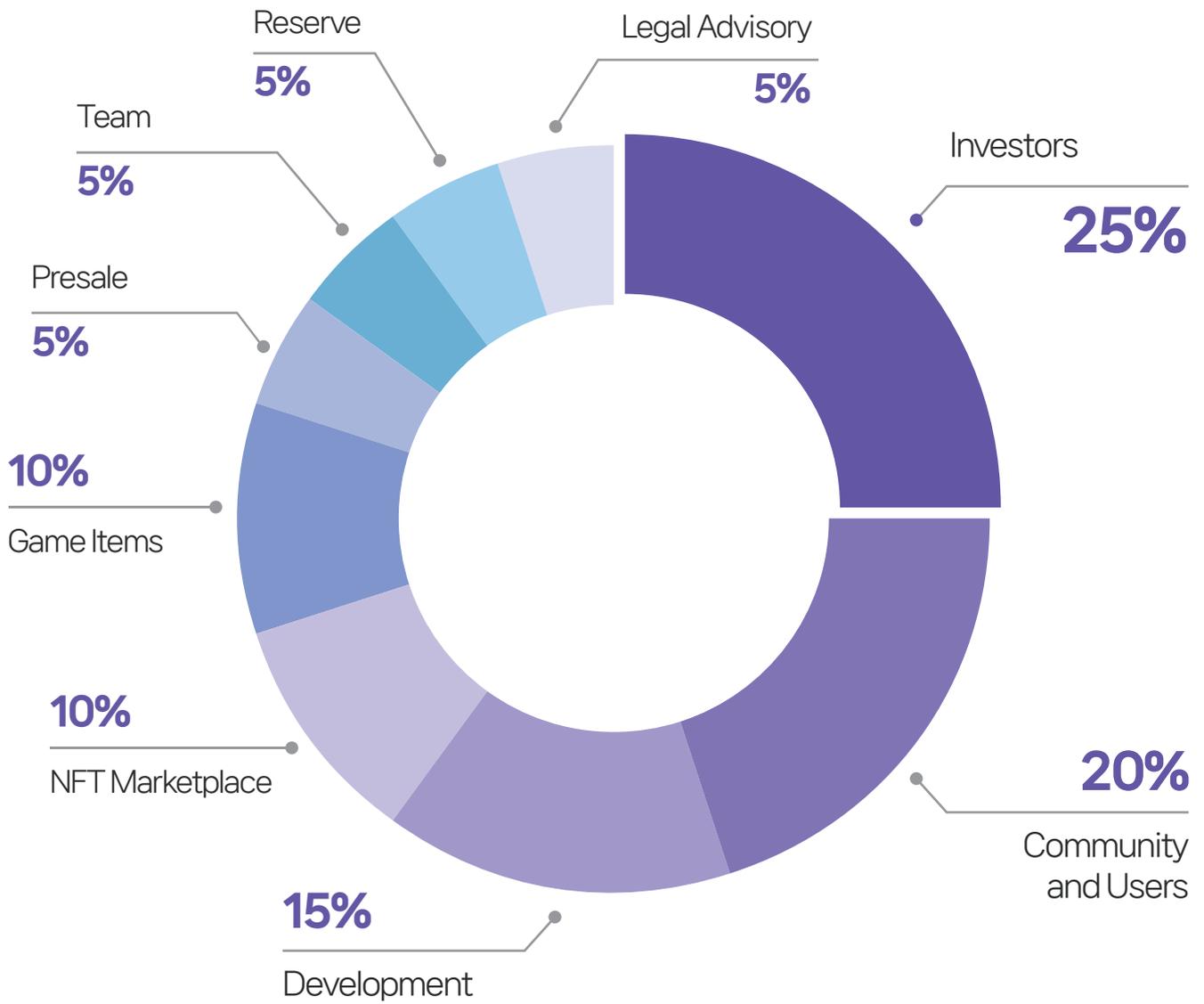


## 6. Tokenomics

The tokenomics of the Mystic project are subject to change during the project's progression, and details about adjustments, market distribution rates, and dates will be announced through the official website and channels.

### Token Distribution

<ul style="list-style-type: none"><li>• <b>Presale</b> : 5%</li></ul>	<b>Management Address :</b> A:0x7C0d8D520afA1fe21c2190d928Ed21b938F4CB79
<ul style="list-style-type: none"><li>• <b>Team</b> : 5%</li></ul>	<b>Management Address :</b> A:0x1a75cdfa4F1B70136FD6e9f534344A7B7aBf3c86
<ul style="list-style-type: none"><li>• <b>Development</b> : 15%</li></ul>	<b>Management Address :</b> A:0x5e53dc5c6D4c31852e3082e4625c3B4678E0FC9f
<ul style="list-style-type: none"><li>• <b>Investors</b> : 25%</li></ul>	<b>Management Address :</b> A:0x771C45498f42d144EC5BF8Cb44E93867b5448178
<ul style="list-style-type: none"><li>• <b>Legal Advisory</b> : 5%</li></ul>	<b>Management Address :</b> A:0x3baA0F7b9Bdff9E59f36e0854C7eeB3E9A9aEeB4
<ul style="list-style-type: none"><li>• <b>Reserve</b> : 5%</li></ul>	<b>Management Address :</b> A:0x6E7c5d2E8351eA33F73C7937Cf5EA7DF58AaddFc
<ul style="list-style-type: none"><li>• <b>Game Items</b> : 10%</li></ul>	<b>Management Address :</b> A:0x279585AD1296a4dC9092cAF627D16e72E6f7a66B
<ul style="list-style-type: none"><li>• <b>NFT Marketplace</b> : 10%</li></ul>	<b>Management Address :</b> A:0x3778776017c7448Ddb2683C04a5777183C578515
<ul style="list-style-type: none"><li>• <b>Community and Users</b> : 20%</li></ul>	<b>Management Address :</b> A:0x20Fd65269144b3d0fEc4209dd6786E48998d4bbA

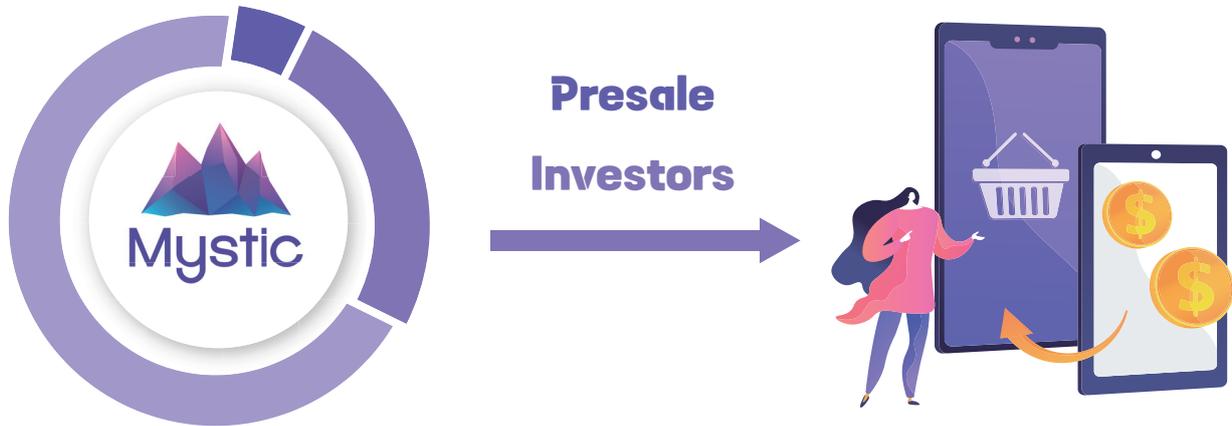


- Investors
  - Community and Users
  - Development
  - NFT Marketplace
  - Game Items
- Presale
  - Team
  - Reserve
  - Legal Advisory

## Initial Circulation Structure

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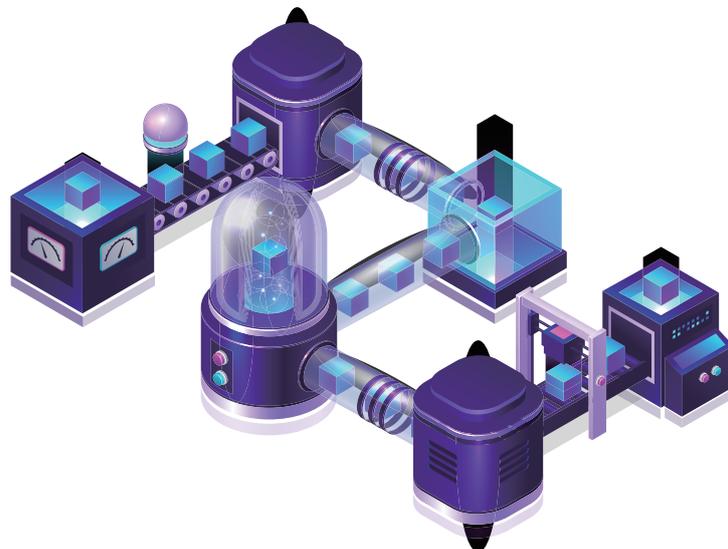
The initial circulation structure involves distributing 5% of the initial supply through the presale and the quantities held by initial investors entering the market. Distribution rates and periods for each item will be announced separately.



## Burn Mechanism

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Mystic has introduced a systematic burn structure to manage inflation and maintain the balance of the game's economy. The project adjusts item drop probabilities, burns items upon enhancement failure, and provides rewards for burning specific items, implementing a systematic burn mechanism and managing inflation through increased costs from external advertisers.





## 7. Advertising Revenue Sharing

The Mystic project introduces a structure to distribute external advertising revenue generated on the community platform to community users, providing additional income opportunities and further activating community participation.

### External Advertising Revenue Structure

Mystic's community platform generates advertising revenue through cooperation with various external advertisers.

- **Ad Placement:** Ads are placed in various locations within the Mystic platform, such as community forums, dashboards, event pages, and the NFT marketplace.
- **Types of Ads :** Revenue is generated through various types of ads, including banner ads, video ads, and sponsored content. Advertisers execute high-value ads targeting Mystic's user base.
- **Ad Contracts :** Advertisers enter into smart contract agreements with Mystic to place ads for a certain period, receiving revenue from the advertisers. For these ad contracts, MTC tokens are required for payment. This revenue is used to support community and platform operations and circulates within the system.

## Community User Payment Method for Advertising Revenue

Advertising revenue is distributed to community users in a fair and transparent manner. **The distribution method for advertising revenue is as follows:**

- **Activity-Based Rewards** : Active users within the community are distributed advertising revenue based on their level of activity, assessed through various indicators such as posting, commenting, and participating in votes.
- **Payment Method** : Rewards are issued based on activity, with points awarded that can be exchanged for MTC tokens once a certain threshold is reached. The rate at which points are issued adjusts according to the proportion of MTC tokens accumulated from advertising revenue.
- **MTC Token Rewards** : Advertising revenue is paid to users in the form of MTC tokens, allowing them to utilize the tokens in various ways within the Mystic ecosystem.
- **Transparent Distribution Process** : The process of distributing advertising revenue is recorded on the blockchain and publicly disclosed. All users can verify how their earnings are calculated and paid.

The advertising revenue sharing structure of Mystic provides additional income opportunities to community users, promoting active participation and continuous growth of the community. This allows users to receive compensation for their activities and contribute to the development of the Mystic ecosystem.



## 8. Project Roadmap

### Initial Phase (Q1 - Q2 2024)

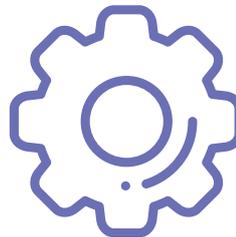


#### Concept Development and Planning

- Development and conceptualization of the project idea
- Initial team formation and role allocation
- Drafting and publication of the whitepaper
- Market research and competitive analysis

#### Technical Development

- Design and development of Ethereum-based smart contracts
- Issuance of MTC tokens according to the ERC-20 standard
- Setup of the initial DApp development framework
- Development of website and community platform prototypes



#### Community Formation

- Establishment of social media and community channels
- Recruitment and engagement of initial community members
- Hosting of community events and AMA (Ask Me Anything) sessions



### Platform Development

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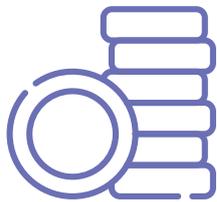
- Development and initial testing of basic features of the P2E game
- Completion of core features of the Web3 community platform
- Development and initial testing of the NFT marketplace
- Construction of backend and frontend infrastructures



### Token Distribution and Initial Sale

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- Recruitment of presale participants and initial investors
- Start of initial distribution and circulation of MTC tokens
- Efforts to list MTC tokens on major cryptocurrency exchanges



### Security and Audit

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- Conducting security audits of smart contracts
- Strengthening platform security and addressing vulnerabilities
- Regular security checks and updates





## Expansion Phase (Q3 2025 and Beyond)

### Feature Expansion and Updates

- Addition of new content and features within the game
- Expansion and improvement of user experience on the Web3 community platform
- Enhancement of features and user interface of the NFT marketplace



### Ongoing Growth

- Continuous improvement of the platform based on user feedback
- Exploration of additional partnership and collaboration opportunities
- Expansion of the global community and user base



### Ecosystem Development

- Implementation and execution of a decentralized governance model
- Operation of community-led project and proposal systems
- Construction and maintenance of a sustainable economic model



### Education and Adoption Promotion

- Expansion of educational programs related to blockchain and NFTs
- Campaigns to promote new user adoption
- Strengthening of cooperation with corporations and institutions



## 9. Disclaimer

This whitepaper is written with the purpose of providing information about the Mystic project. The information contained in this document is based on data and information believed to be reliable by the project team; however, the accuracy or completeness of this information is not guaranteed or verified. Therefore, the Mystic team is not legally responsible for any investment decisions made based on the information in this document.

Additionally, the technical details and economic models described in this document are subject to change during the project's development. Investors and users should verify the latest project-related information before making investment decisions and, if necessary, seek advice from professionals.

The contents of this whitepaper are subject to change without prior notice, and the Mystic team does not have the responsibility to keep the contents up to date. This whitepaper should not be interpreted as legal advice, an investment solicitation, or any similar form of offer.

Users and investors must be aware of and agree to all risks associated with using the information in this document, and they bear all responsibility for any financial, legal, or other negative outcomes related to the project.

Lastly, this whitepaper should not be distributed in countries where there are applicable legal restrictions. Users and investors must comply with the laws of their countries and use this document for reference purposes only.



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