



# Whitepaper.

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# Abstract



**Project Merlin is an innovative platform based on blockchain technology in the world of DAOs and crowdfunding. This platform delivers a democratic ecosystem supported**

**by a 'Vote 2 Earn (V2E)' mechanism and NFT technology, where users directly influence projects through voting.**

As a distinguishing feature, special roles for community members are assigned through NFTs, clarifying each member's duties and rewarding them according to their role in the decision-making processes. A 'V2E' mechanism is also employed to encourage informed decisions that are harmonious with the community. This structure, relying on the power of the community rather than central authorities, ensures transparency and fairness in project selection and financing. It expands access to financial resources with support in Web3 and GameFi fields, allowing projects to be realised. Project Merlin aims for sustainable growth and dynamism by encouraging users and developers to contribute to the ecosystem's growth and development.

The platform facilitates funding for individuals and projects and meets their needs through community-supported projects by prioritising democratic participation and innovative technology use. Users earn rewards for supporting projects, while contributions are recorded in a tangible and permanent form through NFTs. This helps in collecting necessary project funds encouraging community members to influence project success and actively participate in the platform's growth.

In conclusion, Project Merlin offers an ecosystem shaped by the active participation of users and developers, based on democratic participation, transparency, and fairness using blockchain technology. The platform aims to create a more accessible and fair financing and project development environment for everyone, significantly contributing to the future of decentralised finance and governance. The definition of user roles through NFTs and the 'V2E' mechanism are the keystones of this new approach, distinguishing Project Merlin with its innovative features.

*This whitepaper details how Project Merlin aims to mark a turning point in the blockchain and crypto sector. The underlying blockchain technology provides a reliable and transparent infrastructure that brings innovation to decentralised finance and governance areas. With the opportunities this technology offers, Project Merlin aims to set new standards in the DAO and crowdfunding ecosystems.*

# Problem Statement

Project Merlin addresses common issues in DAO and crowdfunding ecosystems with innovative solutions. Today, individuals and teams wishing to realise their dreams or develop innovative projects face various challenges, as follows:

## 01

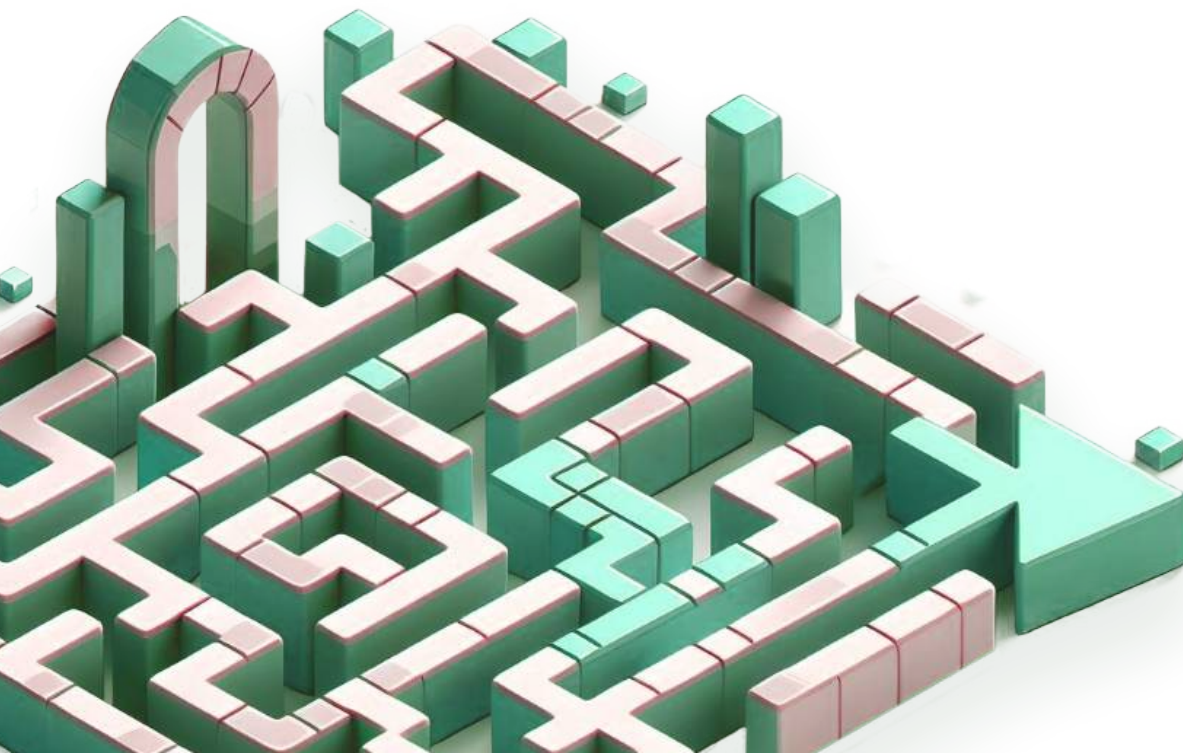
**Sourcing funding is complex, time-consuming, and often costly, especially for projects in innovative areas like Web3 and GameFi.**

These projects can be developed with not only financial support but also broad community support. However, today's financing and project development ecosystems are often controlled by centralised structures, creating significant problems in terms of transparency, fairness, and accessibility.

## 02

**The platform's focus is formed by the critical issues of centralisation in traditional DAO systems, limited access to funds, and unfair resource distribution.**

Proposal creation processes and options are often limited in these systems by central authorities, contradicting the fundamental principles of decentralisation and hindering community participation in decision-making processes. This situation poses significant barriers for projects in innovative sectors like Web3 and GameFi, making it difficult for them to access the necessary funding and limiting the sector's growth potential. Additionally, the unfair distribution of revenues within the DAO negatively affects the community's motivation and progress.



# Solution

**Project Merlin offers a decentralised and sustainable platform that addresses issues in DAO and crowdfunding ecosystems, allowing users to play active roles.**

The platform enables direct participation in proposal creation processes and a fair reward system through the V2E mechanism and NFT technology by leveraging the transparency, security, and efficiency provided by blockchain technology.



Users participate in automated fund distribution processes managed by smart contracts, actively playing a role in project selection and being rewarded accordingly.

The platform supports widespread participation and accessibility, enabling everyone to contribute to projects and support innovative ideas worldwide.

The grant program specifically aims to accelerate development in the Web3 and GameFi fields by supporting innovative projects in these sectors.

## 01

### Grant Program for Web3 and GameFi Projects

The platform provides an environment where users and project owners can interact globally without geographical or financial limitations. The V2E mechanism rewards user participation, allowing everyone to be part of the decision-making process and directly influence the platform's governance. This mechanism facilitates voting on various proposals and projects in a free and fair environment, helping users expand their knowledge and perspectives. NFT technology clearly defines users' roles, rights, and responsibilities, contributing to the fair management of projects and funds.

## 02

### Transparent Fund Management with Smart Contracts

Smart contracts transparently and securely manage the processes of collecting, storing, and distributing funds on the platform. This technology ensures all transactions are traceable and verifiable, increasing both donors' and project owners' confidence. Additionally, the grant program specifically designed for Web3 and GameFi projects supports innovative ideas in these fields, encouraging their development. The program supports original initiatives and projects in the industry, aiding their growth and success.



## In conclusion;

Project Merlin offers innovative and effective solutions to fundamental issues, including centralisation, fund access, and fair resource distribution in DAO and crowdfunding ecosystems by leveraging the advantages provided by blockchain technology. The platform adopts the principles of

decentralisation, transparency, and fairness, creating an accessible and sustainable ecosystem that meets the needs of users and project owners. This approach enables the creation of a fairer and more accessible financing and project development environment for everyone, contributing to the future of DAO and crowdfunding ecosystems in a manner consistent with blockchain and crypto whitepaper standards.

## Technical Details

Project Merlin's technical infrastructure is built on an Ethereum (EVM)-based blockchain and operates on multiple blockchain networks including Polygon, Avax, BNB Smart Chain, Arbitrum, Zksync, Telos, Skale, Nibiru, and Optimism.

These networks were selected considering their reliability, transaction fees, use cases, community support, and industry position, offering universal accessibility and low transaction costs to the project.

**Smart contracts** code the platform's core functionality, allowing participants to engage in various activities within the ecosystem and be rewarded transparently in a decentralised structure.

**Merlin Tokens and NFTs**, compliant with ERC-20 and ERC-721 standards, facilitate interactions, voting, and financing operations on the platform.

**The V2E mechanism** encourages users to fulfil their roles defined by NFTs, and these interactions are monitored through smart contracts.

Security is a top priority, and before the full version is released the project will undergo at least two audits by independent auditing firms. Continuous monitoring and support will ensure 24/7 security audits, protecting the system from external interventions.

NFTs can be purchased using Merlin Tokens, and NFT owners are rewarded with Merlin Tokens for completing tasks or based on the NFT's features. This process provides NFT owners with a continuous earning opportunity, promoting a circular ecosystem. Multi-blockchain support is facilitated through the use of oracles and cross-chain bridges. These integrations, in collaboration with third-party service providers, deliver reliability and global access.

**Project Merlin, as an innovative platform that contributes to the future of decentralised finance and governance, uses the advantages of blockchain technology's transparency, security, and efficiency to address existing problems in DAO and crowdfunding ecosystems.**

The platform creates an accessible and sustainable ecosystem that meets the needs of users and project owners, creating a fairer and more accessible financing and project development environment for everyone.

## — Governance Structure

Project Merlin's governance structure has been redesigned in harmony with the platform's core values of democratic participation, transparency, and fairness. Our goal is to enable every member to actively participate in the governance process. This uses blockchain technology optimally to achieve our platform's long-term objectives.

### Member Participation and Role Structure

Membership is granted through Merlin Token ownership and platform-specific NFTs. These NFTs provide special roles and authorities to community members, senators, and editors, encouraging participation in the platform's interaction and decision-making processes.

### Working Groups and Their Tasks

The platform has various working groups, including community members, senators, and editors, actively contributing to the platform's development from general votes to specific tasks.

### Task Durations and Proposal Process

Roles and task durations are dependent on NFT features. The proposal process involves the creation, evaluation, and voting on preliminary proposals, promoting a dynamic structure and encouraging community participation.

## Security and Transparency

Smart contracts and blockchain technology ensure high security and transparency. Transactions are recorded on immutable records, and security is continuously tested through independent audits.

## Technical Infrastructure and Blockchain Integration

Built on an Ethereum (EVM) based blockchain, and supporting multiple networks, including Polygon, Avax, BNB Smart Chain, Arbitrum, Zksync, Telos, Skale, Nibiru, and Optimism, Project Merlin offers multi-network support and cross-chain interactions.

## Governance Token and NFTs

The platform's governance token is Merlin Token (MRLN). NFTs define roles and in-platform interactions, directly determining users' impact.

## Corporate Sponsorship and Funding

Corporate sponsorships and community-supported funding provide financial sustainability and additional support for projects.

## Grant and Proposal Funding Process

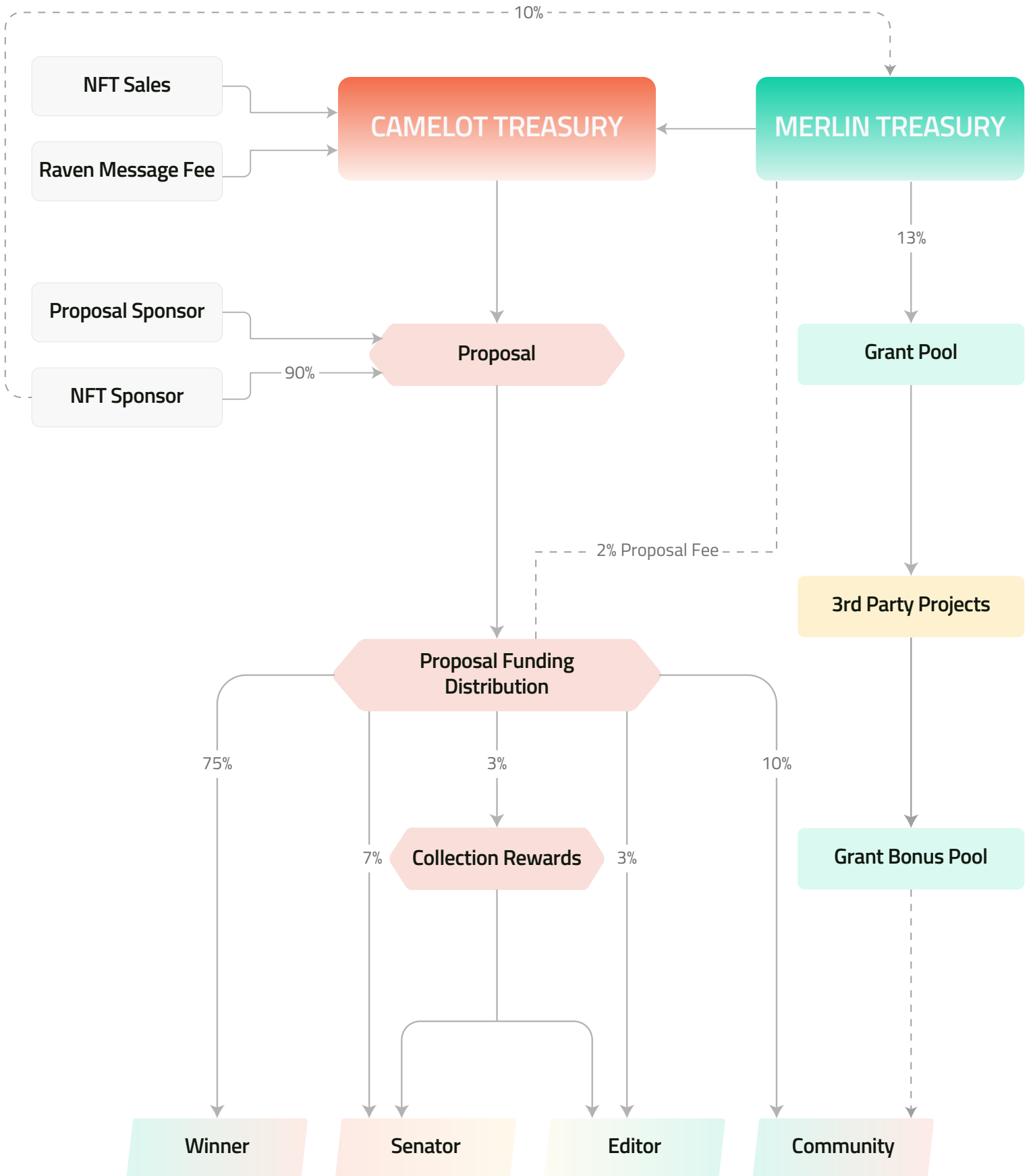
Special grant programs and proposal funding processes support innovative projects and develop projects that meet community needs.

## Community Management and Communication

Effective community management and communication are facilitated through various channels, allowing for the effective management of the platform and a healthy flow of communication.

Project Merlin's governance structure offers a fair and transparent management process, ensures active community participation, and supports reaching the platform's long-term goals. This structure contributes to the development of innovative projects and the overall growth of the blockchain ecosystem.





# How it Works

Our project is a decentralised autonomous organisation (DAO) that enables community members to participate in fundraising for projects. The funding process is based on the evaluation, voting, and funding of projects by community members. The system relies on interactions among editors, senators, and community members.

## A. Community Members and Their Roles

### a. Community Members:

- Community membership is obtained by purchasing a "Community Member NFT" from the NFT marketplace. This membership grants the right to vote in the community evaluation phase among proposals and among candidates in the Camelot proposal.
- Ownership of this NFT is required to become an editor or senator within the community.

### b. Editors:

- Editors are responsible for preparing and evaluating proposals in specific categories.
- To become an editor, the "Editor NFT" of the relevant category must be purchased.
- The term of office for editors is one quarter (three months).

### c. Senators:

- Senators play a significant role in the initial evaluation process of proposals prepared by editors.
- To become a senator, the "Senator NFT" of the relevant category must be purchased.
- The term of office for senators is also one quarter (three months).

## B. Camelot Proposal Process

The Camelot Proposal is a mechanism created for funding projects proposed by our community members. This process is based on the evaluation, voting, and selection of projects by the community. Camelot Proposals are organised in designated categories throughout each quarter.

### a. Proposal Process:

- Each quarter is open for the submission, evaluation, and funding of proposals in designated categories.
- The categories are sports and arts, innovation, social responsibility, and personal goals.

- Two proposals are funded each month in each category. Thus, a total of 24 proposals are funded each quarter.
- A specific amount of Merlin Token is allocated for each proposal per quarter, but the fund amount is not limited to this and can vary for each proposal.

## b. Timeline and Stages:

- 01 ▼ **Raven Message Application:**
- Community membership is obtained by purchasing a "Community Member NFT" from the NFT marketplace. This membership grants the right to vote in the community evaluation phase among proposals and among candidates in the Camelot proposal.
  - Ownership of this NFT is required to become an editor or senator within the community
- 02 ◆ **Editor Evaluation:**
- Editors review submitted projects, select suitable ones, and prepare preliminary proposals.
  - This process continues throughout each quarter.
  - Each editor can create up to five proposals during their term.
- 03 ◆ **Senator Evaluation (Senator Assessment):**
- Begins at the start of each month and lasts for six days.
  - Senators evaluate the preliminary proposals prepared by editors.
  - Each senator can vote on up to six proposals during their term.
- 04 ◆ **Community Evaluation (Community Assessment):**
- Begins on the 7th day of each month and lasts until the 13th day.
  - Community members vote among the proposals that passed the senator evaluation.
  - Each community member can use three votes per category each month during this stage.
- 05 ◆ **Voting on Candidates in the Camelot Proposal:**
- Begins on the 14th or 21st day of each month and lasts until the 20th or 28th day of the month.
  - The option that receives the most votes among the candidates in the Camelot proposal is selected and funded.
- 06 ▲ **Fund Distribution:**
- In each category, on the 20th day at 23:45:00 (UTC+0) and on the 28th day at 23:45:00 (UTC+0) of each month, the winners of the proposals, senators, community members, and editors who created the proposals are funded.

### c. Funding Mechanism:

- Funds are provided through NFT sales, revenues from Raven Message applications, direct donations to proposals, and NFT ad sponsorships for proposals.
- The total fund amount allocated for each quarter covers 240,000 USDT worth of Merlin Token. This means that two proposals in each category are provided with a fund of 10,000 USDT each month. Funds are distributed based on the success of the proposals and the results of community voting.
- The amount of Merlin Token that needs to accumulate in the Camelot treasury each quarter is determined on the 1st day of the quarter considering the MRLN/USDT index price.
- The total revenues from NFT sales and Raven Message applications each quarter can be up to 192,000 USDT (80% of the total). After this amount is collected, all additional revenues are transferred to the Merlin Treasury's advance pool.
- Regardless of the total revenues from NFT sales and Raven Message applications each quarter, the shortfall to reach 240,000 USDT (at least 20%) is covered by the Merlin Treasury.

### d. Fund Distribution:

<b>75%</b> <b>Winning Project Owner</b>	<b>7%</b> <b>Senators</b> <i>who voted in the senator evaluations stage</i>	<b>3%</b> <b>Editors</b> <i>who created the related proposal</i>
<b>10%</b> <b>Community Members</b> <i>who voted in the evaluation stage</i>	<b>3%</b> <b>Collection Rewards</b> <i>distributed to owners of senator and editor NFTs whose usage period has expired and those currently holding active senator or editor NFTs</i>	<b>2%</b> <b>Merlin Treasury</b>

### e. Special Cases and Additional Information:

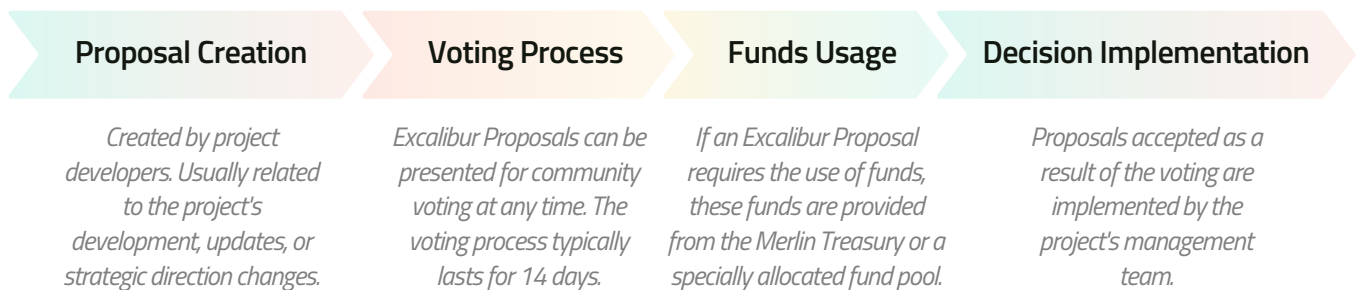
- **Raven Message Fees:** A fee is required for applicants, varying depending on whether they are community members. Non-members pay a higher fee.
- **NFTs and Membership Statuses:** Community membership, editor, and senator statuses are obtained by purchasing the relevant NFTs. These NFTs grant specific tasks and voting rights.

- **Royalty:** A 7.5% royalty is paid to the Merlin Treasury from all sales of NFTs among users based on the sale amount.
- **Timeline Details:** Senator and community evaluations begin and end on specific dates. These processes are designed to ensure fair and timely evaluation of projects.

## C. Camelot Proposal Process

The Excalibur Proposal is a process by which significant decisions regarding the project's management and development are made. These proposals generally cover topics such as the project's internal workings, strategic direction, and technical updates. Community member NFT owners directly vote on these proposals.

### a. Proposal Process:



Our project provides an ecosystem that encourages active participation and inclusion of community members in decision-making processes. The proposal process, funding mechanism, and roles interaction ensure the project progresses transparently, fairly, and dynamically. Each quarter, our project is renewed, and community members are invited to contribute with new proposals, ideas, and projects. This continuous renewal and participation cycle helps maintain the project's vitality and innovative spirit.

## D. Treasures

### a. Camelot Treasury:

The Camelot Treasury is a special fund pool allocated for proposals and various initiatives of the project. This treasury contains funds for projects to be financed through the Camelot Proposal process and is nourished by the following sources:

- **NFT Sales:** Revenues from the sales of community member, editor, and senator NFTs.
- **Raven Message Fees:** Application fees paid by projects to participate in the proposal process.
- **Donations:** Donations from community members or external supporters.



- Funds accumulated in the Camelot Treasury are used to distribute to proposals in designated categories each quarter. This distribution is made to support projects determined by community voting and evaluation processes.

### b. Merlin Treasury:

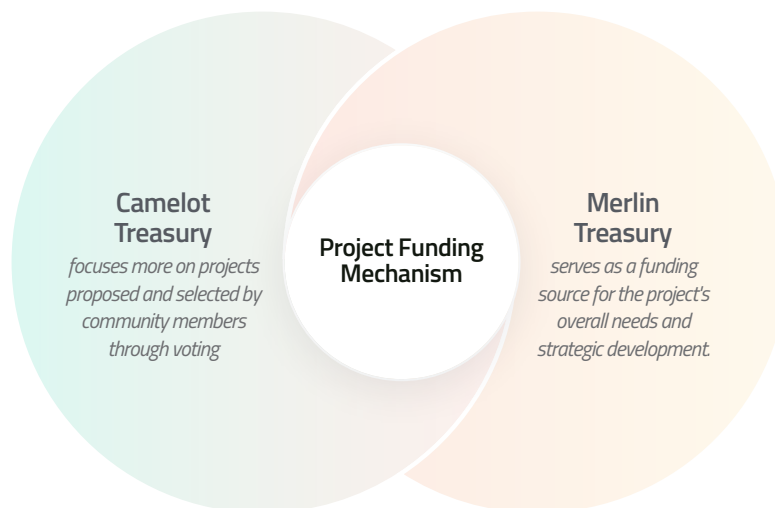
The Merlin Treasury is a broader fund pool used to meet the project's general funding needs. This treasury contains resources supporting the project's long-term sustainability and development. The sources of the Merlin Treasury include the following:

- **Project Revenues:** Revenues generated from various project activities.
- **Partnership and Sponsorship Revenues:** Funds from partnerships and sponsorship deals.
- **Investor Contributions:** Capital provided by investors.

The Merlin Treasury is used to support the project's operational expenses, technological development, and community initiatives. It also provides additional resources when the Camelot Treasury's funds are insufficient, contributing to the financing of Camelot Proposals.

### c. The Relationship Between Camelot and Merlin Treasuries

The relationship between the Camelot and Merlin Treasuries forms two fundamental components of the project's funding mechanism.



When necessary, the Merlin Treasury provides additional resources to the Camelot Treasury, enhancing the project's capacity to support innovative ideas and initiatives through proposals. This creates a synergy that strengthens the project's overall ecosystem, balancing community-centered development with the project's long-term sustainability.

Both treasuries are managed in accordance with the project's principles of transparent management and community participation. This is an essential factor in maintaining the project's financial health and the community's trust in the project.

## E. Grant Process

The grant process is a mechanism designed by our project to provide additional financing to certain proposals or projects. This process aims to support innovative ideas, technological developments, or projects contributing to society, especially in the web3 and GameFi fields. Grants are given using special funds allocated from the project's general budget and are usually directed towards projects aiming to achieve specific criteria and goals.

### a. Stages of the Grant Process:

#### Making a Call

The grant process begins with a call made in line with certain themes or goals. This call clearly specifies which types of projects or ideas will be supported.

#### Collecting Applications

Community members and external participants can apply for grants with projects matching the themes specified in the call.

#### Evaluation & Selection

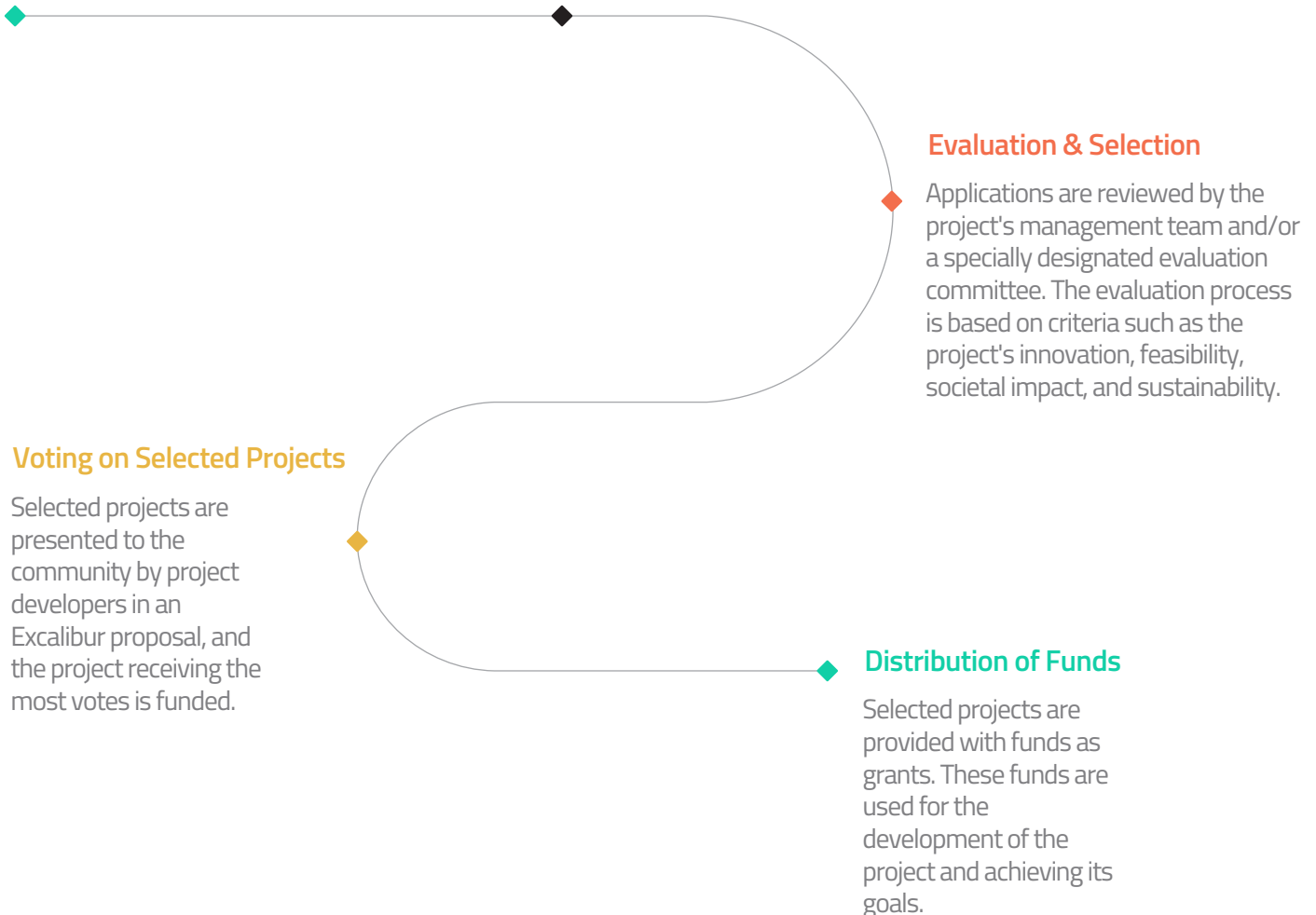
Applications are reviewed by the project's management team and/or a specially designated evaluation committee. The evaluation process is based on criteria such as the project's innovation, feasibility, societal impact, and sustainability.

#### Voting on Selected Projects

Selected projects are presented to the community by project developers in an Excalibur proposal, and the project receiving the most votes is funded.

#### Distribution of Funds

Selected projects are provided with funds as grants. These funds are used for the development of the project and achieving its goals.



## F. Contributions of Grant Bonuses to Proposals

In accordance with the agreement made with web3 and GameFi projects receiving grants, a specified amount of tokens belonging to the project is allocated from the granted project and transferred to the grant bonuses pool. Grant bonuses provide additional financing for proposals during certain periods, enabling these projects to be realised on a larger scale or accelerated while providing extra reward distribution to the Project Merlin community. The following ways establish significant relationships and contributions between the Project Merlin community and projects receiving grants:



### Providing Additional Resources

While grant bonuses offer the Project Merlin community the opportunity to earn additional rewards and raise awareness about developing projects, they also provide financial support.



### Increasing Visibility

Receiving a grant increases the visibility of the granted project both within the community and externally, helping attract more support and interest.



### Sustainability

Project Merlin offers various opportunities to its community through grant funds, maintaining community engagement, and supporting the community's growth.

The grant process and bonuses are designed to add value to the project's overall ecosystem, encourage innovative ideas, and increase the success of community-supported projects. This process is a critical mechanism that ensures the project's continuous development and the emergence of its innovative potential.

## G. Raven Message: Innovative Funding Mechanism

*Raven Message is an innovative platform where users can solicit funding by announcing their projects, dreams, or needs to a broad community.*

This system provides the necessary tools for users to achieve their targeted funding amounts. Each funding application on the platform incurs a specific fee, which is transferred to a central fund pool called the Camelot Treasury. Raven Messages can be highlighted by project editors and nominated for specific proposals. While winning projects receive a portion of the Camelot Treasury, other projects can independently continue to raise funds.

### a. Funding Application Process:

Users submit their projects through the Raven Message form on the platform. This form includes details of the project and the required funding amount. The fee paid for the application is directly transferred to the Camelot Treasury. Each application is publicly disclosed on a customised page created by the platform, where users can support the project using Merlin Tokens.

### b. Funding and Token Usage:

Users interested in supporting can purchase Merlin Tokens using specified crypto assets and use these tokens to fund projects. If the project reaches the targeted amount within the designated 90 days, the collected funds are transferred to the wallet address linked to the applicant. Users can claim these funds by navigating to the 'Hand of Merlin' section on the Project Merlin website.

### c. Refund and Claim Periods:

If the target amount is not reached, supporters can withdraw their contributions as Merlin Tokens at the end of the period via the same website page. Applicants who successfully collect funds have one year to claim the funds. After this period, unclaimed funds are automatically transferred to the Merlin Treasury, and the management rights pass to the Project Merlin administrators. A similar process applies to supporters; if the funding process fails, supporters who do not claim their supported amount within one year will have their assets automatically transferred to the Merlin Treasury, and management rights will pass to Project Merlin administrators.

### d. Communication and Notification:

Email notifications can be used to inform users about important processes and dates, although this is not always guaranteed. Users are advised to regularly check relevant pages on the platform and carefully review the platform's terms of use.

This system aims to democratise fundraising processes while providing a transparent structure that protects the rights of investors and project owners. Project Merlin and Raven Message contribute to the realisation of creative projects and facilitate a transformation of value within the community with their innovative funding solutions.

## H. Vote 2 Earn Mechanism

Project Merlin is an innovative platform aiming to transform DAO and crowdfunding ecosystems. Based on blockchain technology and NFTs, this platform offers a democratic participation and reward system through the Vote To Earn (V2E) mechanism. This document details the operation of Project Merlin's V2E mechanism, participants' roles, earning rates, and the overall benefits obtained from the system.



### a. Operation of the V2E Mechanism

Project Merlin's V2E mechanism rewards users who contribute by voting on projects within the platform. Users actively participate in project selection and financing while earning Merlin Tokens. The system encourages democratic participation and rewarded interaction by defining user-specific roles through NFTs.

### b. Role-Based Participation and Rewards

The platform assigns customised roles to users, including community members, editors, and senators. These roles are defined by NFTs and reward participants according to their duties and interactions on the platform as follows:

- **Winning Project Owner:** 75% of the allocated fund.
- **Senators:** 7% of the fund for voting.
- **Editors:** 3% of the fund for proposal preparation.
- **Community Members:** 10% of the fund for voting.
- **Collection Rewards:** 3% of the fund is distributed to owners of senator and editor NFTs whose usage period has expired and those currently holding active senator or editor NFTs.

### c. Democratic Governance and Transparency

The V2E mechanism reduces centralisation and allows the community to have a greater impact on project decisions. This strengthens the principles of transparency and fairness in project governance and financing.

### d. Fund Distribution and Project Financing

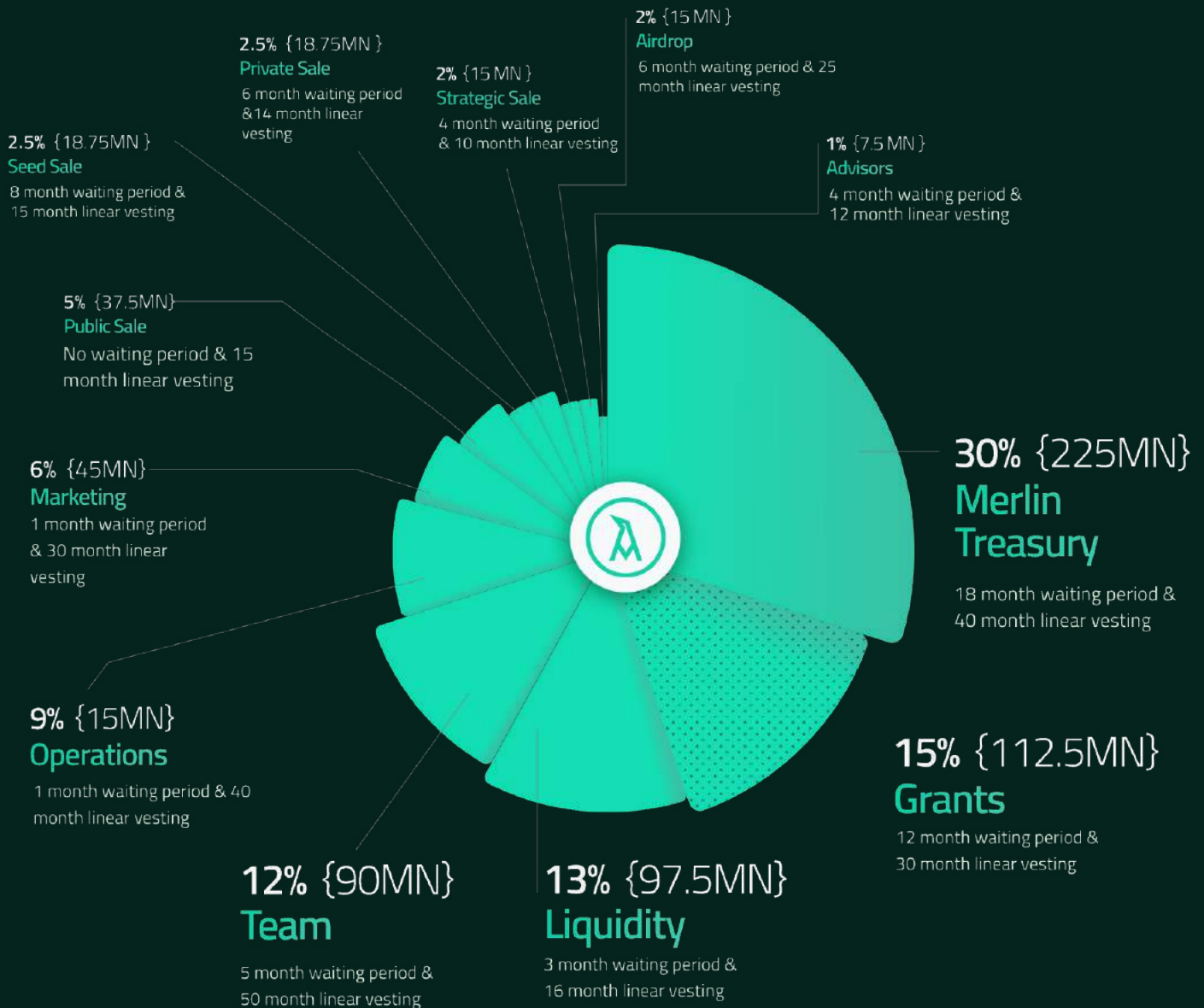
Funds are distributed based on the success of projects and the results of community voting. This facilitates access to necessary funding for projects while enabling community members to play an active role in project success.

Project Merlin's V2E mechanism leverages blockchain and NFT technologies to enable democratic participation and a fair reward system in DAO and crowdfunding ecosystems. This approach significantly contributes to the future of decentralised finance and governance, aiming to create a more accessible and fair financing and project development environment for everyone.



# Token Model

The Merlin (MRLN) token is a digital asset within the platform's ecosystem, designed to facilitate value transfer among users who contribute to the project. The project's tokens serve as the primary tool for investing in projects, purchasing community NFTs, and participating in other activities on the platform. Additionally, the use of tokens within the platform is supported by various incentive mechanisms to motivate participants and support the platform's growth. Tokens are distributed automatically through smart contracts, rewarding user participation and contributing to the ecosystem's growth.



## Tokenomics

### Seed Sale (2.5%):

- Total token amount: 18,750,000
- Token amount released at token generation event (TGE): 2%
- An eight-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 15 months.

### Private Sale (2.5%):

- Total token amount: 18,750,000
- Token amount released at TGE: 2%
- A six-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 14 months.

### Strategic Sale (2%):

- Total token amount: 15,000,000
- Token amount released at TGE: 2.5%
- A four-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over ten months.

### Public Sale (5%):

- Total token amount: 37,500,000
- Token amount released at TGE: 10%
- There is no waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 15 months.

### Airdrop (2%):

- Total token amount: 15,000,000
- Token amount released at TGE: 0%
- A six-month waiting period will be applied before any tokens are released.
- After the waiting period, linear vesting will be applied over 25 months.

Additionally, we have reserved token allocations for various stakeholders, as follows:

### **Operations (9%):**

- Total token amount: 67,500,000
- Token amount released at TGE: 0%
- A one-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 40 months.

### **Marketing (6%):**

- Total token amount: 45,000,000
- Token amount released at TGE: 0%
- A one-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 30 months.

### **Grants (15%):**

- Total token amount: 112,500,000
- Token amount released at TGE: 0%
- A 12-month waiting period will be applied before any tokens are released.
- After the waiting period, linear vesting will be applied over 30 months.

### **Merlin Treasury (30%):**

- Total token amount: 225,000,000
- Token amount released at TGE: 0%
- An 18-month waiting period will be applied before any tokens are released.
- After the waiting period, linear vesting will be applied over 40 months.

### **Team (12%):**

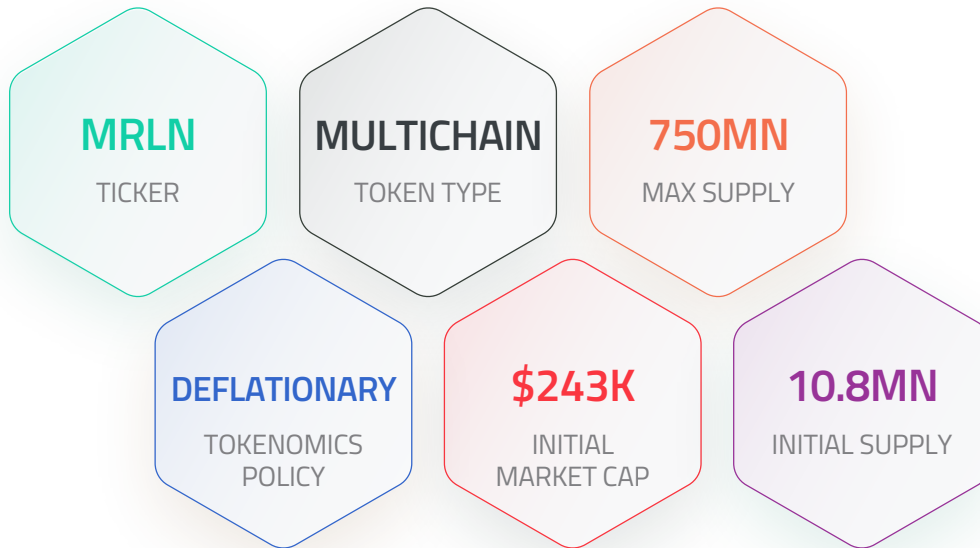
- Total token amount: 90,000,000
- Token amount released at TGE: 0%
- A five-month waiting period will be applied before any tokens are released.
- After the waiting period, linear vesting will be applied over 50 months.

### **Advisors (1%):**

- Total token amount: 7,500,000
- Token amount released at TGE: 0%
- A four-month waiting period will be applied before any tokens are released.
- After the waiting period, linear vesting will be applied over 12 months.

## Liquidity (13%):

- Total token amount: 97,500,000
- Token amount released at TGE: 20%
- A three-month waiting period will be applied after TGE.
- Linear vesting will be applied for the remaining token amount over 16 months.



This allocation plan ensures the appropriate distribution of tokens among various stakeholders while implementing vesting schedules to promote long-term commitment and alignment of interests.

# NFTs (Non-Fungible Tokens)

As an innovative DAO and crowdfunding platform based on blockchain, Project Merlin leverages NFT technology to encourage active user participation and democratic interactions on the platform. The platform offers three main types of NFTs: Project Merlin Community NFTs, Editor NFTs, and Senator NFTs. This document explains the definition, purposes, use cases, and integration of these NFTs on the platform.

## A. NFTs and Community

### a. Project Merlin Community NFTs

#### Definition and Purpose:

Project Merlin Community NFTs represent the basic community membership of the platform. These NFTs enable users to participate in voting, earn rewards, and access fundamental interactions on the platform.

#### Use and Features:

- Community NFT owners are the platform's basic participants and can take part in voting processes. Additionally, these NFTs provide users with access to some basic advantages and opportunities offered on the platform.
- These NFTs are not limited in number and can be minted by users upon purchase, offered in designs of six various characters.



### b. Project Merlin Editor NFTs

#### Definition and Purpose:

Editor NFTs allow users to gain editing and evaluation rights over the content on the platform. These NFTs grant the authority to evaluate and direct specific projects and proposals.

#### Use and Features:

- A limited number of Editor NFTs exist for each category (60 pieces). Editor NFT holders are responsible for directing the quality of content and projects on the platform.
- Editor NFTs are valid for three-month periods and lose their features at the end of the term. They must be renewed and repurchased for a new term.



### c. Project Merlin Senator NFTs

#### Definition and Purpose:

Senator NFTs enable users to have a greater impact on the platform's proposals and projects. These NFTs play a critical role in the initial evaluation stages of projects and significantly influence the platform's strategic direction.

#### Use and Features:

- A limited number of Senator NFTs exist for each category (70 pieces). Senator NFT holders play a significant role in the evaluation process of proposals and projects.
- Senator NFTs are also valid for three-month periods and must be renewed at the end of the term.



## B. Sponsorship NFTs

Project Merlin introduces Sponsorship NFTs as a unique method of providing financial support to the platform's proposals and projects. These NFTs allow users or companies to mint their brands, logos, or visuals as NFTs, appearing as sponsors for specific projects.

#### Minting and Contribution:

- The minting fee for Sponsorship NFTs is set at 1,000 USDT worth of Merlin Token. This provides direct financial contribution to the project while increasing the sponsor's visibility on the platform.
- Minted Sponsorship NFTs can be stamped on a specific proposal once, contributing 90% of the total fund amount to the proposal. This supports greater financial access for proposals while allowing sponsors to interact with projects and gain visibility.

## NFT Marketplace

Project Merlin offers a comprehensive NFT Marketplace for buying, selling, and trading NFTs. The platform provides community members and external participants the opportunity to purchase, sell, and exchange Community, Editor, and Senator NFTs.



## Marketplace Features:



### Transparency and Security

All transactions are recorded using blockchain technology, ensuring the highest level of transparency and security.



### Royalty System

A 7.5% royalty is taken from the sale amount on secondary market NFT sales, contributing to the project's sustainability. This system helps support NFT creators and the project's long-term growth.

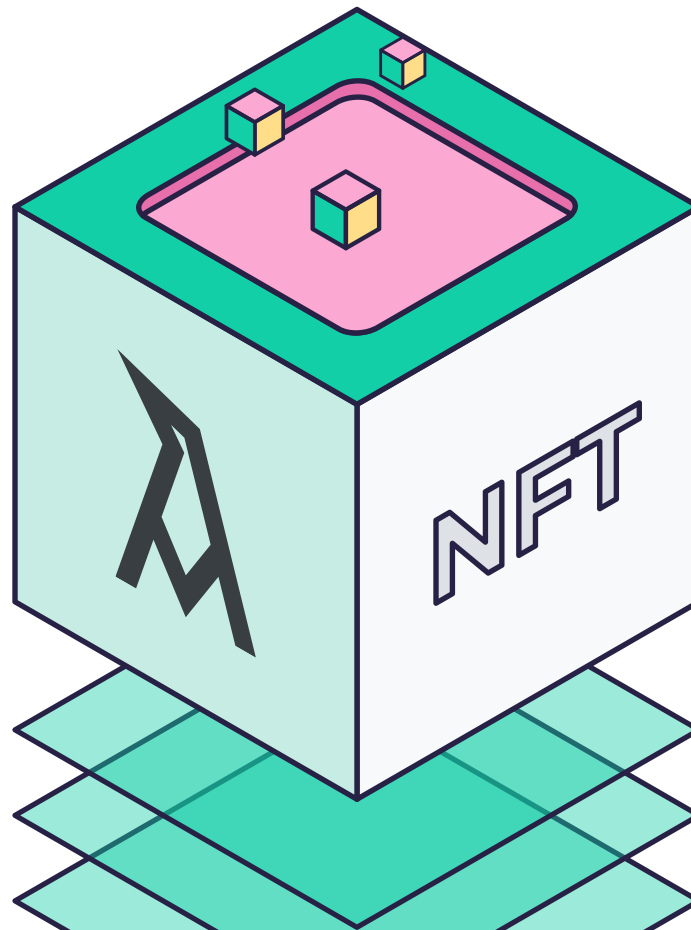


### Easy Access & Broad User Base

The Marketplace features a user-friendly interface, allowing users of various levels to easily access and trade NFTs. Additionally, the platform's broad user base offers a wide market for NFTs.

Project Merlin's NFT ecosystem and Marketplace support the platform's democratic, transparent, and community-focused structure. Community, Editor, and Senator NFTs allow users to play active roles on the platform, direct projects, and contribute to the platform's future. Sponsorship NFTs represent an innovative way to provide financial support and gain visibility on the platform.

The NFT Marketplace provides a secure, fair, and accessible environment for digital asset transactions, contributing to the growth of users and projects. By leveraging NFT technology, Project Merlin maximises the opportunities offered by blockchain, supporting community participation, project financing, and the platform's overall sustainability.



# Security Measures and Technical Integration



## Smart Contract Audits

Project Merlin will undergo comprehensive audits by two independent auditing firms, Hacken and Certik, before the full version of the platform is released. These audits will identify potential risks in the platform's smart contracts, allowing for preventative measures to be taken, and no activation operations will be performed until formal verification processes are completed.



## User Data Security

Project Merlin will require users to use online cryptocurrency wallets to log into the system. The platform will support two-factor authentication (2FA) systems and additional security measures like Yubikey for three-factor authentication (3FA), encouraging users to activate at least one of these security measures to maximise the protection of personal data.



## Security and Performance Monitoring

Project Merlin ensures security by conducting real-time analyses on transactions and smart contracts and continuously detecting abnormal activities in collaboration with our contracted organisations. Additionally, the security of the networks we use and the extra security measures provided by organisations we collaborate with for cross-chain and oracle technologies continuously strengthen our project's security.



## Network Security

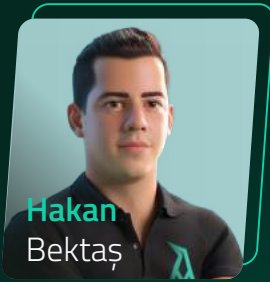
Project Merlin's server infrastructure is supported by leading service providers like GoDaddy and Cloudflare, along with other providers that offer additional protection against attacks like DDOS. This multi-layered approach maximises our project's network security.



## Protection of Project Assets

Project Merlin will store a significant portion of valuable assets like Tokens and NFTs in cold wallets according to usage frequency, such as Ledger, ensuring that most of our assets are kept safe.

# Team



**Hakan**  
Bektaş

CEO - Co-founder



**Çağrı**  
İmal

COO - Co-founder



**Nazım**  
Karaalp

Chief Marketing  
Officer



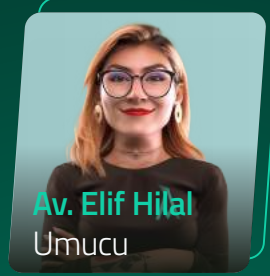
**Iqbal**  
Singh

Chief Technology  
Officer



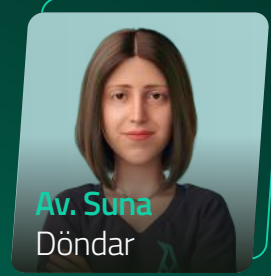
**Mete Ali**  
Başkaya

Advisor



**Av. Elif Hilal**  
Umucu

Legal Counsel



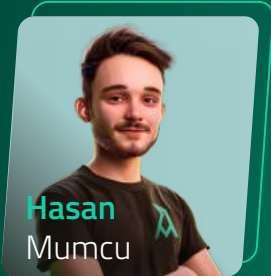
**Av. Suna**  
Döndar

Legal Counsel



**Kubilay**  
Serbest

Growth Marketing  
Manager



**Hasan**  
Mumcu

Community Manager



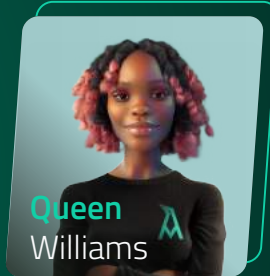
**Onur**  
Yücel

Developer Team Lead



**Muharrem**  
Özel

Art Director



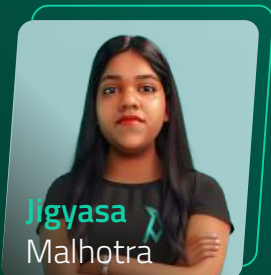
**Queen**  
Williams

Public Relations  
Director



**Malkeet**  
Singh

Blockchain Solution  
Architect



**Jigyasa**  
Malhotra

Project Coordinator



**Munish**  
Sangra

Sr. Content Strategist



**Ashutosh**  
Maurya

Sr. Software  
Developer



**Akshay**  
Garg

Sr. DevOps Engineer



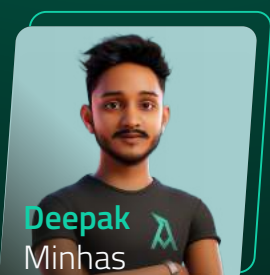
**Manish**  
Jindal

QA Engineer



**Ridhim**  
Raizada

Software Developer



**Deepak**  
Minhas

Software Developer



**Ergin**  
Yanar

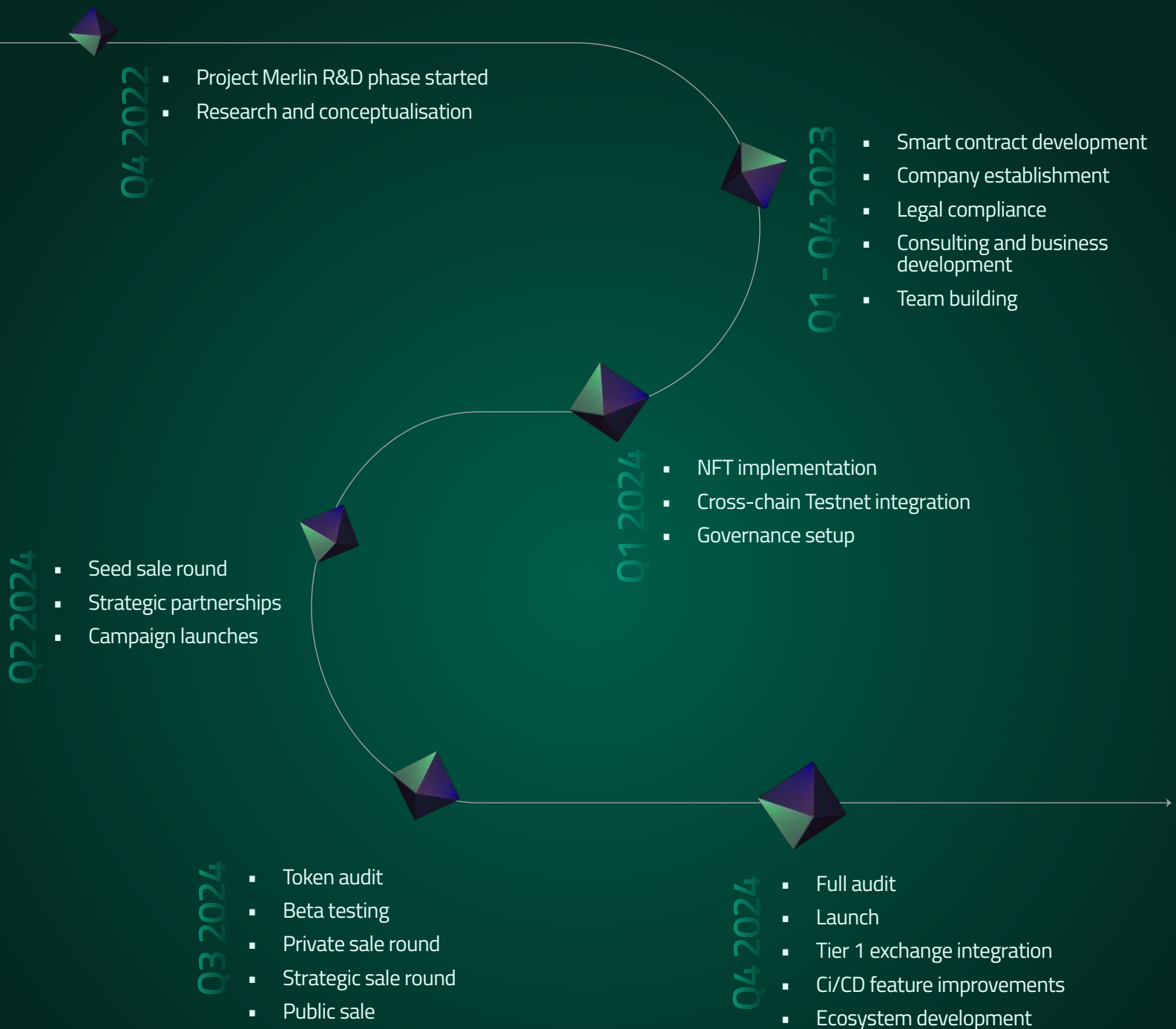
Artist



**Anil**  
Kumar

UX/UI Developer

# Roadmap



Community decisions will guide the next part of the roadmap. Therefore, we will not have a specific roadmap other than marketing and developments. All decisions will be taken together with our DAO.



# SWOT Analysis for Project Merlin

Project Merlin is a Web3 initiative that stands out as a next-generation decentralised autonomous organisation (DAO) and a decentralised crowdfunding ecosystem. Drawing inspiration from the legends of Merlin and King Arthur, it adopts a community-centric paradigm that rewards its community members. It rewards its community through the Vote To Earn (V2E) mechanism while also establishing a robust funding system with a dual treasury model. Project Merlin allows its users to fully manage the DAO mechanism through roles assigned via NFTs, aiming for fair and transparent governance. This SWOT analysis examines the threats, strengths, weaknesses, and opportunities to reveal Merlin's position in the market and its disruptive potential in decentralised technological ecosystems.



## Strengths

- Innovative governance model with NFT-defined roles and V2E strategy.
- Utilises blockchain for broad reach, transparency, and fairness.
- Dual treasury system ensures sustainability and financial security.
- Diverse funding mechanisms ensure financial stability.
- Incentives and rewards enhance community commitment.



## Weaknesses

- Complexity for new users.
- Need for additional guidance on tokenomics, governance, and NFT rules.
- Vulnerability to cryptocurrency market volatility.
- Regulatory uncertainties pose compliance risks.



## Opportunities

- Expansion into governance and cloud surfing.
- Targeting the Web3 market in technology and gaming sectors.
- Partnerships and integrations for growth.
- Success of third-party projects can increase visibility.



## Threats

- Competition from simpler variations of Project Merlin.
- Potential replication of distinctive features by competitors.
- Risk of losing users to market leaders transitioning to Web3.
- Security breaches undermining user trust.

