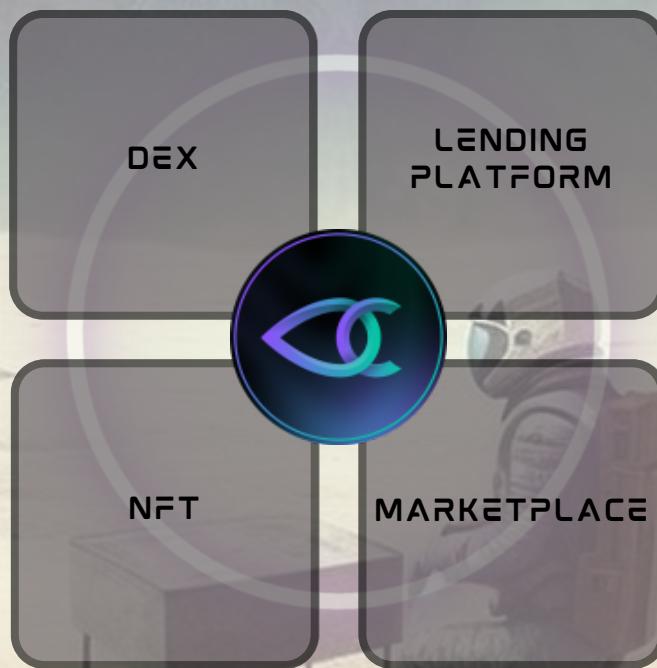


# TYCHE PROTOCOL LIGHTPAPER 2.0



MEET TYCHE PROTOCOL  
&  
ENTER IN A NEW ERA



Zksync



Evmos



## Introduction :

TYCHE protocol is a WEB3 project that is designed to launch All-in-one defi (dApps) on different EVM and Rollups networks.

The project is focused on providing a platform that is both secure and reliable, with a particular emphasis on developing innovative features that can benefit users in multiple ways.

The project will start by launching an automated market maker (AMM), NFT staking dApp on Zksync, and it plans to expand its offerings with other dApps in the future, on different networks.

One of the most innovative features of the Tycche protocol is its NFT lending platform.

This platform is designed to allow users to borrow instantly by using their NFTs as collateral.

This is an entirely new concept that is poised to transform the lending industry, providing new opportunities for individuals to access funding when they need it the most.

The Tycche protocol team has been working tirelessly to ensure that the platform is not only easy to use but also offers a high level of security.

With a user-friendly interface and advanced security features, the Tycche protocol platform aims to provide a safe and secure environment for users to conduct transactions. With its focus on developing innovative features that can benefit users in multiple ways, the project is well-positioned to make a significant impact on the blockchain industry.

## INTRO



## Observation :

Today, the major problem within our ecosystem does not lie in innovation.

We have thousands of projects and hundreds of blockchains at our disposal to utilize.

What makes our ecosystem truly remarkable is its widespread open-source nature, which allows for easy adoption and utilization of code that is a marvel of engineering, transforming it into practical applications.

Although forking is often frowned upon in our ecosystem, it is, in fact, a positive aspect and one of the reasons behind the value of open-source. Why should we always start from scratch when creating something new?

Capitalizing on solid foundations is such an important part of any business model.

Harness the existing foundations at your disposal to craft a visionary framework that empowers you to effectively bring forth your groundbreaking and innovative end product

However, the issue arises from the fact that we prioritize innovation without thoroughly considering if there is an interesting market fit for the project.

We tend to deploy aggressive marketing strategies to achieve immediate mass adoption, neglecting the fundamental aspects of our ecosystem. Presently, our ecosystem suffers from both a lack of adoption and excessive specialization.

No fancy mathematical formulas can solve this, It's all just smoke and mirrors.

## OBSERVATION



## Problem :

Hyper-specialization becomes meaningful only when your sector expands beyond a niche and has the potential to reach a wide audience.

Unfortunately, hyper-specialization often leads to tokenomics problems.

You can develop intricate mathematical formulas, but if your product is not widely used, these formulas hold little significance.

Conversely, you can focus on token valuation and utilization.

Regrettably, tokens frequently serve only one, two, or a maximum of three functions.

The first function is incentive, which inevitably comes with dilution.

The second function is governance, but it doesn't provide much intrinsic utility to your token.

Consequently, investors end up with diluted tokens that offer minimal benefits.

This is where TYCHE aims to bring about change.

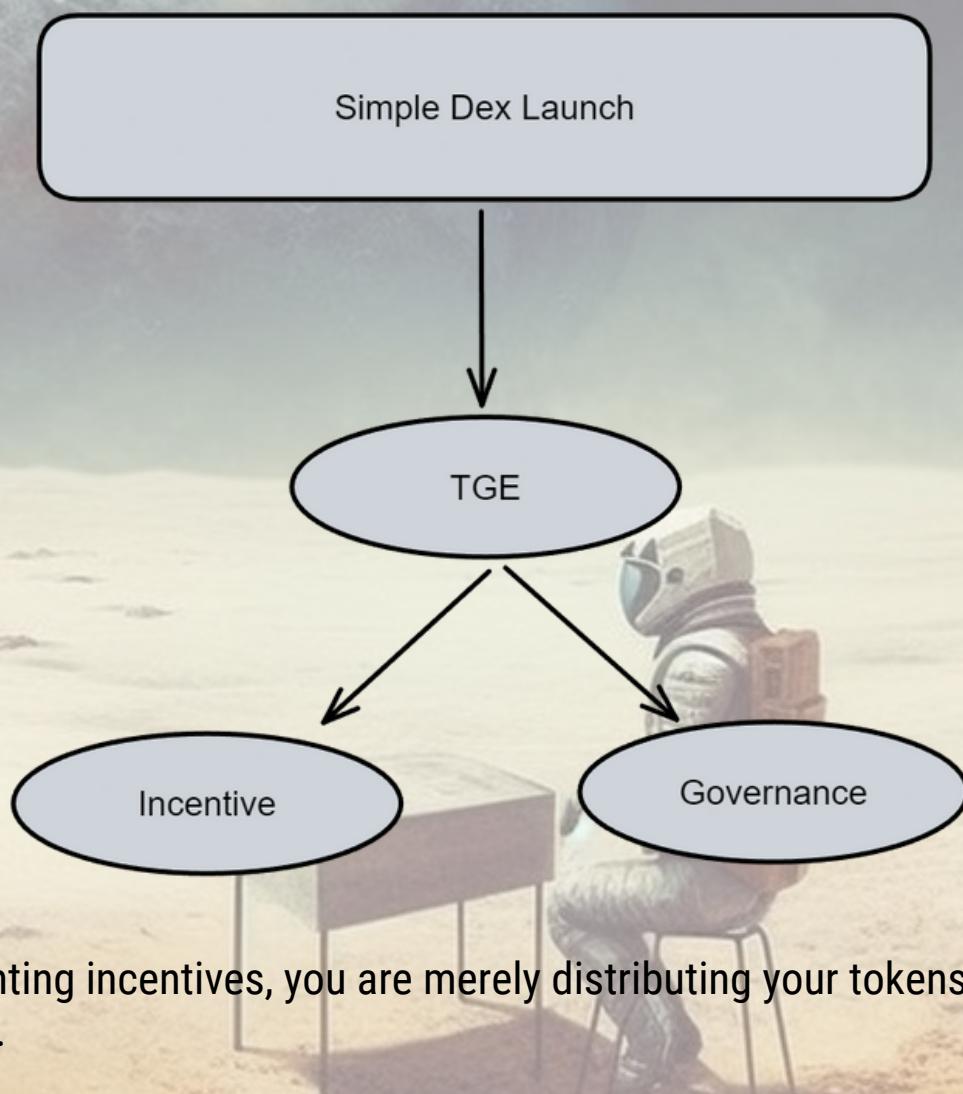
We began with a simple observation that highlights the common trend of tokens diluting over time, resulting in a decline in value, which discourages investor interest. Based on this realization, we understand that a successful token is one that is extensively utilized in multiple ways.

## PROBLEM



## Example :

### A typical Dex launch :



By implementing incentives, you are merely distributing your tokens to investors and farmers.

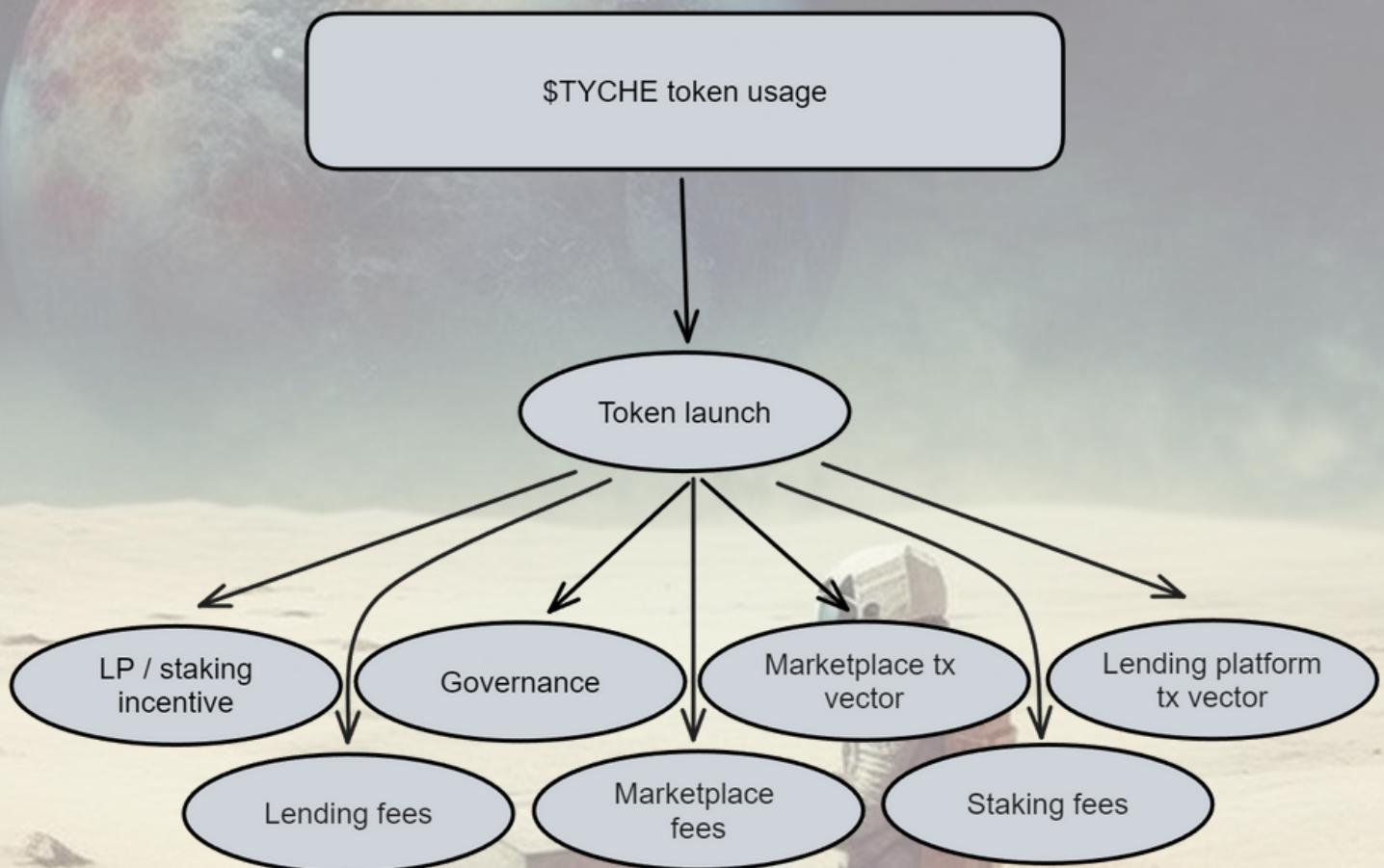
But what purpose does it serve? It cannot be your sustainable revenue stream, as this mechanism lacks the creation of market depth, and its viability will be short-lived.

SIMPLE DEX LAUNCH



## Our solution :

### \$TYCHE token use cases :



Our goal is to create an environment where you can use our token to do various type of transaction to increase our token utilization.

But a token which is simply used as a transaction vector will not serve as much use cases as we wanted to, so we need to add an incentive to the people who hold and use our token as well as governance rights.

By using our token on our platform we will also increases fees generated by each transaction that can be redistributed to NFT holders or Token holders.

## OUR SOLUTION



## Vision :

Blockchain is a dynamic and rapidly developing space that is yet to reach its full potential.

Over the years, we have seen specialized blockchain applications emerge, allowing for the use of a diverse range of digital assets.

Tyche Protocol is a blockchain protocol that brings together the key principles and qualities of decentralized finance (DeFi) and non-fungible tokens (NFTs). Our aim is to create a cohesive ecosystem that streamlines the exchange of NFT and Fungible tokens for users.

While fungible assets can be easily traded, non-fungible tokens, which derive their value from their scarcity, present unique challenges. These assets cannot be traded easily on standard automated market makers (AMMs).

At Tyche, we recognize the need for a comprehensive solution that enables the seamless exchange of NFTs through adapted protocols. Our goal is to create a more inclusive blockchain ecosystem that provides opportunities for everyone.

Through our protocol, users can trade / Lend / Borrow NFTs and Fungible tokens on an open and transparent marketplace, enabling the seamless use of these unique digital assets.

Our approach aims to create a more equitable and accessible blockchain protocol that benefits all NFT and DeFi users.

To ensure our token's success, it is crucial for it to serve as a widely accepted medium of exchange across a multitude of applications.

### VISION



**Frictionless exchange**

USER A

DEX

CONTRACT

**Liquidity as a value**

The purpose of this Liquidity HUB is multi-faceted, but its primary goal is crucial in achieving our overarching vision:

- This HUB will create and maintain the necessary liquidity for trading on the lending and borrowing platform. By creating significant liquidity on our DEX, we aim to provide sufficient liquidity depth to ensure the efficiency of our lending protocol.
- It will also enable a secondary utility for our TYCHE token by making it more liquid, easily exchangeable, and attractive to DeFi users.

It represents the foundation of our project, an essential piece in its construction.

DEX



## Mechanics :

Yield farming on the TYCHE DEX is an excellent way for users to earn additional income on their cryptocurrency holdings.

However, it is essential to understand the risks associated with yield farming, such as price volatility, impermanent loss, and smart contract risk, before participating.

As such, we encourage our users to do their due diligence and make informed decisions when it comes to yield farming on our platform tokens and pools

**At the launch of TYCHE DEX the expected pools on Zksync are :**

- ETH:USDC
- ETH:USDT
- USDC:USDT

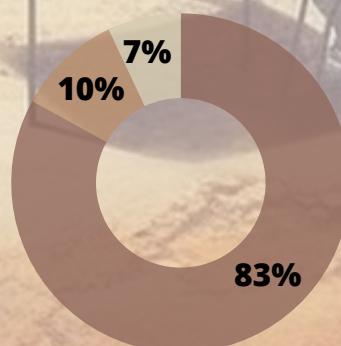
**After TGE :**

- TYCHE:USDC
- TYCHE:ETH
- TYCHE:USDT

**Swap fees**

The swap fees generated through the trade will go to following parties.

- Liquidity providers 83%
- Team 10%
- NFT owners 7%





## Mechanics :

### TYCHE DEX Aggregator:

Tyche Dex aggregator aims to provide its traders with the opportunity to source liquidity from across various DEXs deployed on zkSync.

To solve the issues of low liquidity pools on the standalone AMMs.  
With the existing market conditions, most of the pools in any single dex are unusable due to high price impact.

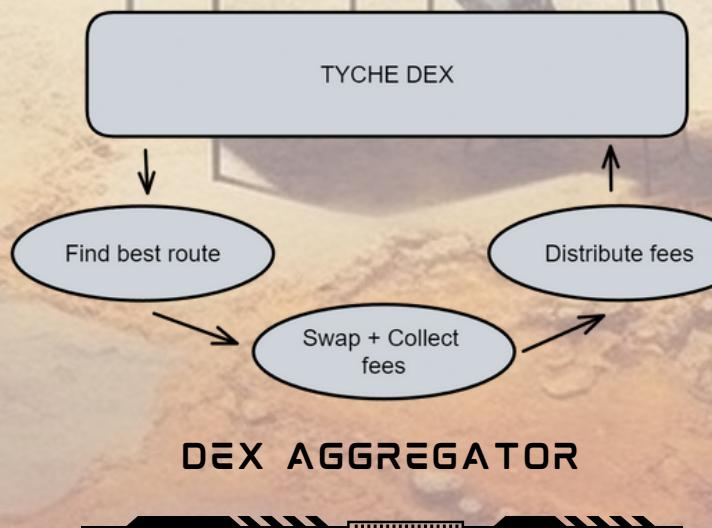
But together these pools will be useful through the TYCHE DEX aggregator.

A DEX aggregator provides the best value possible for a swap, rather than traders having to check manually across each DEX, which can be time-consuming and ineffective.

Tyche DEX aggregator will source liquidity from different DEXs on zkSync and thus offer users better token swap rates than they could get on any single DEX including Tyche Dex.

This will provide a single point of entry for traders and easy access to various trading pools using a single dashboard across the available platforms, allowing to optimize slippage, swap fees, and token prices to benefit Tyche users.

Tyche Aggregator functionality is directly referenced from the 1-inch dex aggregator.





## Mechanics :

**Market lending**

USER A

LENDING PROTOCOL

USER B  
OR  
CONTRACT

**NFT as a value**

The prime feature of the TYCHE protocol is its NFT lending protocol, where users will be able to borrow Crypto Assets from the protocol against their NFT as collateral.

Your NFT, due to its rarity or because you are invested in the project and not ready to sell it, typically becomes an illiquid asset.

At best, you may be offered to stake it for additional returns.

With our Lending protocol, we will offer you the option to lend your NFT and thus benefit from additional revenue through Lending, while also allowing you to borrow \$TYCHE against your NFT and take advantage of DeFi.

Creating again another utility to our \$TYCHE token

NFT LENDING PLATFORM



## Mechanics :

### Protocol lending (Peer-to-pool):

The DeFi lending process is simple.

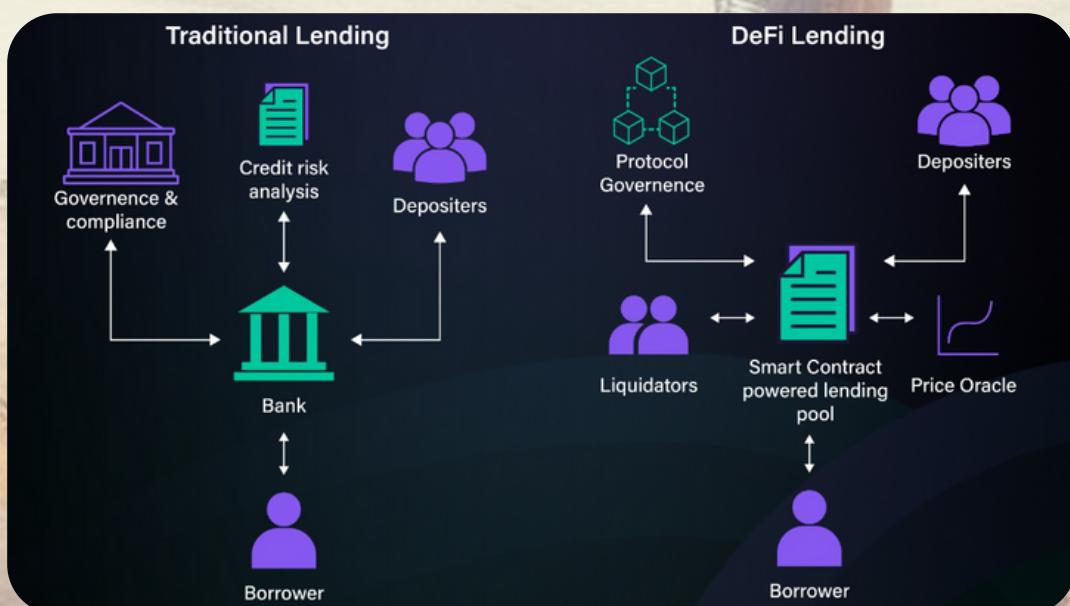
It focuses on offering crypto loans with a trustless approach. This means that the users can easily lock their crypto assets on the DeFi lending platform without worrying about intermediaries.

The borrowers can directly opt for loans from the decentralized platform with the help of P2P lending.

In addition to it, the DeFi lending protocol helps lenders to earn interest on crypto assets.

As compared to the conventional loan processing system of banks, DeFi lending enables individuals to become a lender just like a bank.

An individual can easily lend their assets to others and accrue interest on that loan. Just like the loan offices in traditional banks, DeFi lending mainly relies on lending pools where the users can add their assets to the lending pool and ensure quick distribution among borrowers through smart contracts.



### P2POOL LENDING



The purpose of a marketplace is no longer a question; it enables the exchange of NFTs between traders based on an intrinsic value linked to scarcity or the unique utility of each collection.

This scarcity and unique utility does not allow the use of an AMM to buy and sell NFTs at a fair price based on rarity, thereby allowing experienced traders in the ecosystem to discover, buy, and sell NFTs based on their unique properties.

However, this scarcity-based exchange function is essential in the NFT world, which is why we need a marketplace

Therefore, it is crucial for us to have a similar tool where our TYCHE token once again has a significant role to play in the buying and selling of NFTs.

NFT MARKETPLACE



## Mechanics :

**Staking incentive**

USER A

**STAKING MODULE**

CONTRACT

**NFT as a farming value**

While staking is a well-known product within our ecosystem, NFT staking is not a very used mechanism to provide deeper utility to Holders.

By using your NFT you will be able to earn rewards based on \$TYCHE token but also other tokens from our partner project.

This staking platform has been designed to give you the best opportunities within our ecosystem by farming tokens from different blockchains / Projects with your TYCHE NFT.

This platform has also been designed to allow other NFT projects to bring value to their owners by distributing them Airdrops / Incentive without the need of building complex infrastructure on-chain.

**NFT MARKETPLACE**



## NFT Staking:

### Dual Incentive Mechanism:

To further enhance the value proposition of the TYCHE NFT Staking Platform, we have implemented a unique dual incentive mechanism.

Tyche NFT holders who stake their NFTs not only earn rewards in the form of Tyche tokens but also receive additional tokens from partner projects.

This innovative approach maximizes the earning potential for participants, making staking Tyche NFTs a highly attractive proposition.

### Expansion of Incentives:

Beyond Tyche NFTs, Tyche Protocol aims to incentivize other whitelisted NFT collections.

By providing these collections access to the TYCHE NFT Staking Platform, we create a thriving ecosystem where diverse projects can collaborate, share resources, and mutually benefit from the platform's rewards.

### Synergy with the NFT Lending Platform:

In line with our commitment to continuous innovation, we are developing an NFT lending platform that seamlessly aligns with the TYCHE NFT Staking Platform.

This integration will unlock additional avenues for Tyche NFT holders to leverage their assets and explore new possibilities within the Tyche Protocol ecosystem.

TYCHE NFT STAKING



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NFT AS GOVERNANCE



## Mechanics :

### Dex Liquidity as value

Our DEX will enable us to have sufficient liquidity to ensure the proper functioning of the lending platform.

The \$TYCHE token will serve as an incentive for the DEX, as well as the primary liquidity for trading.

### Marketplace Scarcity as value

Our marketplace will create a trading zone for NFT experts.

\$TYCHE will serve as a payment method for your NFTs, providing payment to creators and acting as an incentive.

### Lending NFT as value

Our lending platform will finally allow you to make your NFTs liquid by taking out a loan.

Once you have obtained your loan in \$TYCHE token, you can use them for DeFi on our Dex or to buy other NFTs.

### Staking NFT as value

Your NFTs will be your staking vector, allowing you to farm \$TYCHE tokens and \$XYZ tokens from partner projects.

### NFT Ownership as value

Your NFTs will be your governance power, allowing you to help evolve the TYCHE project with the TYCHE team and have a direct impact on the \$TYCHE token.

## MECHANICS



## Tyche NFT:

### Tyche NFT:

Tyche NFT is a unique digital asset that represents the goddess of luck and fortune in the world of crypto.

Inspired by Greek mythology, Tyche NFTs are limited edition tokens that are designed to be collected and traded by fans of the classics, art collectors, and crypto enthusiasts alike.

Key benefits of Tyche NFTs are :

- **Staking utility**, which enables holders to earn additional rewards by staking their tokens in a Tyche staking pool (\$TYCHE + \$XYZ from other projects)
- **Lending utility**, which enables holders to earn additional rewards by staking their tokens in Tyche Lending platform and borrow \$TYCHE against their NFT
- **Revenue sharing**, each Dapp will generate fees and our NFT holders will also collect part of the fees from all our Dapps on every chains.
- **Airdrop allocation**, Tyche NFT holders will collect a substancial part of our airdrop.

Overall, Tyche NFTs offers a unique combination of art, mythology, and crypto, making them an attractive investment opportunity for those who value both the aesthetic and financial potential of digital assets.

Whether you are a collector, investor, or simply a fan of Greek mythology, Tyche NFTs are a one-of-a-kind way to engage with the world of crypto and potentially earn rewards along the way

TYCHE NFT



## Tyche NFT:

### The Evmos Collection:

The Tyche Evmos Collection comprises 5,000 unique and meticulously crafted NFTs.

These digital assets embody the essence of Tyche's creative vision and are designed to captivate NFT enthusiasts within the Evmos ecosystem.

We are delighted to announce that the Evmos collection has been successfully sold, demonstrating the high demand for Tyche NFTs and the trust placed in our brand.

### The zkSync Collection:

Parallel to the Evmos collection, Tyche has developed a distinct NFT collection specifically tailored for the zkSync platform.

With 5,000 pieces, these NFTs will offer a whole new range of immersive experiences to zkSync users.

We are currently in the minting process, ensuring that each NFT meets Tyche's unparalleled standards of quality and innovation.



TYCHE NFT



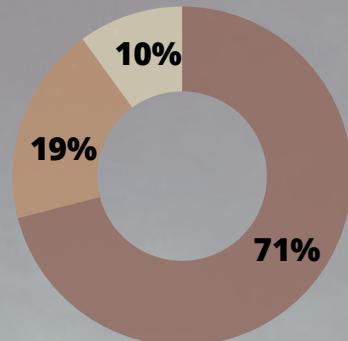


### Tyche Tokenomics :

Detailed tokenomics structure to distribute its tokens and incentivize its community :

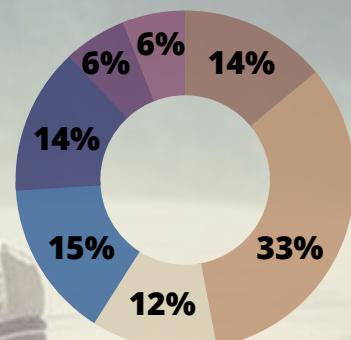
- **Initial supply 50 million \$TYCHE**

- 35.5 million airdropped phase 1 (71%)
- 9.5 million for the community pool (19%)
- 5 million for strategic funds (10%)



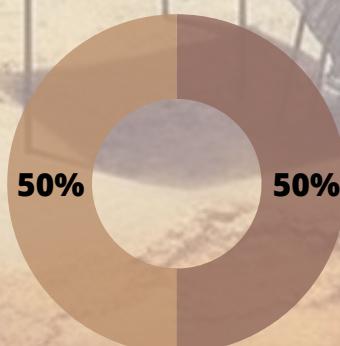
- **Max supply 500 million \$TYCHE**

- 71 million airdropped (Phase 1 & 2) (14%)
- 165 million LP incentive (33%)
- 60 million Staking rewards (12%)
- 75 million NFT lending rewards (15%)
- 70 million Team (14%)
- 30 million Community funds (6%)
- 30 million Strategic funds (6%)



- **Airdrop Distribution 71 million \$TYCHE**

- **Phase 1** : 35.5 million allocated to projects / NFT owners / Testnet participant / Zealy participant
- **Phase 2** : 35.5 million allocated to Staking platform / Dex / Lending platform users.



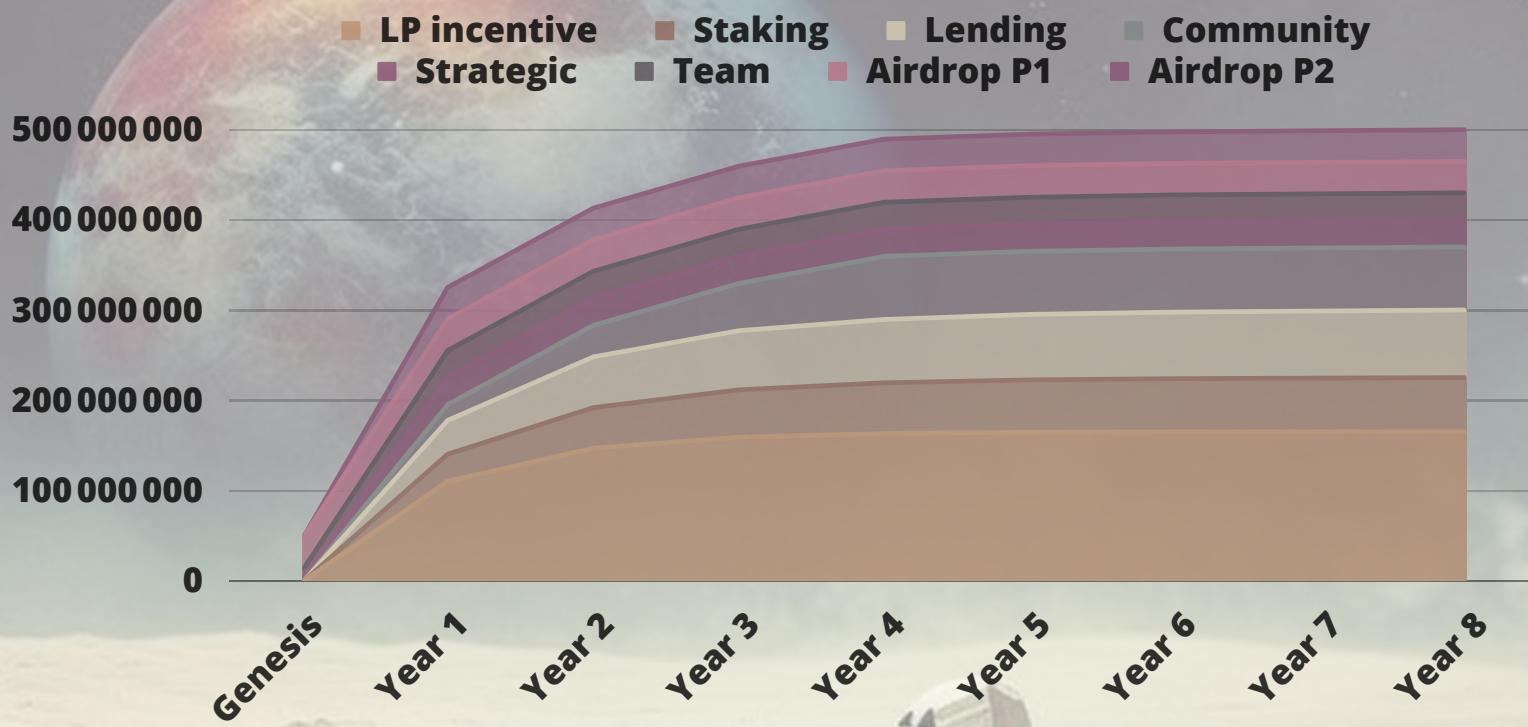
**TOKENOMIC**



## Tokenomic :

### Tyche Tokenomics :

- Supply at the end of each year



■ Total supply



TOKENOMIC



## Roadmap

### STAGE 5

- Launch our NFT lending platform on Testnet
- Launchpad & TGE
- Airdrop distribution Phase 1

Q3  
2023

### STAGE 3

- Launch our staking platform on zksync era mainnet
- launch on-boarding airdrop phase 2

EARLY JULY  
2023

### STAGE 1 :

- Launch Evmos testnet
- Launch Evmos NFT
- launch on-boarding airdrop phase 1

APRIL  
2023

### STAGE 6

- Launch Lending platform and marketplace on mainnet
- start the distribution of airdrop phase 2

Q4  
2023

### STAGE 4

- Launch of our Dex on mainnet
- Loyalty program

AUGUST  
2023

### STAGE 2

- Launch Zksync testnet
- Launch Zksync NFT

MAY  
2023

ROADMAP UPDATED



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