YouCoin Metaverse

Whitepaper

v2.0.1

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① Introduction

What actually is YouCoin Metaverse? It's not just parachain on SERO 2.0 blockchain, it is also built on the BSC blockchain. We're building several ecosystems, each with its focus and goal. You can also think of YouCoin Metaverse as an integrated ecology built on SERO 2.0. Thanks to the SERO chain, we're able to offer zero-knowledge-proof privacy protection.

We firmly believe that privacy should be the No. 1 priority, that's why we chose to build on SERO. Additionally, we're able to handle more than 10,000 TPS. We care about the user experience, that's why the cross-chain technology makes it easy for users to interact with many more chains!

You can check our website here: https://youcoinmeta.com/

We focus on the five major fields of Web3.0 i.e., SocialFi, GameFi, DeFi, DAOfi, and NFTfi. We're also issuing a token of our own - $UCON which will serve as the equity governance token of every ecosystem on the YouCoin Metaverse.

Our code is open source and you can find everything on our Github page. We don't keep it private solely because of the reason that we want YouCoin to evolve and become as close to perfect as possible. This will be further explained once we talk about the Super DAO Foundation but more on that in a second. So why don't we start with the list of products that YouCoin is offering?

2 **Ecosystems**
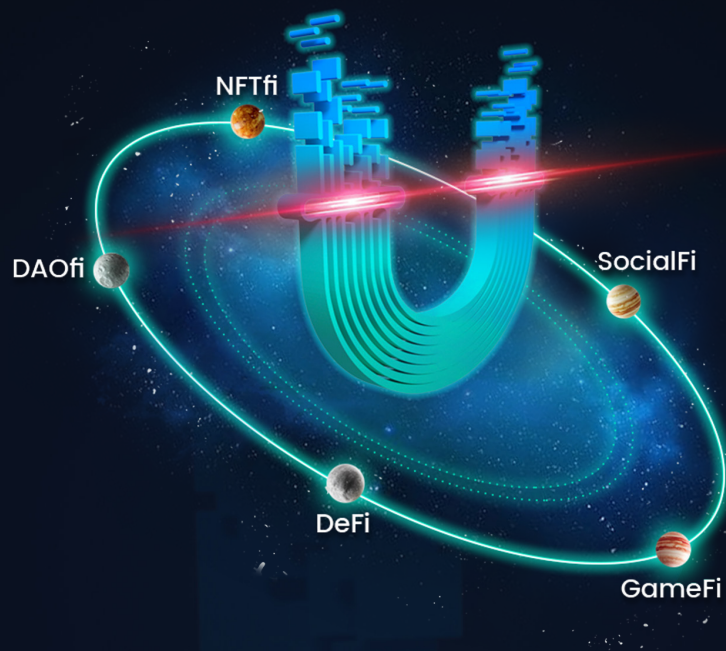
2.1. DeFi

Our main focus is on the Decentralized Finance ecosystem. That's why you will also see most products related to DeFi. We'll offer financial features like Exchange, Bank, Lending & Borrowing, Minting Stablecoins, Mining Pool, Lottery, etc. Thanks to all of these services, YouCoin Metaverse will offer an environment in which both the users and the ecosystem can benefit from each other. All of the above-mentioned products will create a financial closed loop with true decentralization. Transactions between these will be seamless, since they all belong to YouCoin Metaverse, thus making the user experience much more attractive to users.

2.2. GameFi

We mentioned that we'll tackle GameFi as well, after all, what kind of Metaverse would it be without any Decentralised Games whatsoever?

Here's how we'll implement GameFi into the platform. As per our roadmap, we'll start to develop and design the YouCoin games in the third quarter of 2022. Naturally, UCON will be the main in-game token which will be beneficial for the ecosystem as a whole. The details about the types of games remain relatively hush-hush but we can already say that we're planning to release card or battle games.

2.3. SocialFi

We'll also provide a social space for either casual meetings and occasions, or also for professional and formal appointments. Users will be rewarded with points for good social behavior which will motivate them to use the platform how it's intended to be used. Users will then be able to use these points in other parts of our ecosystem as well (DeFi, GameFi, NFTfi, DAOfi) This way, the platform will also have S2E (Socialize to earn) functionality.
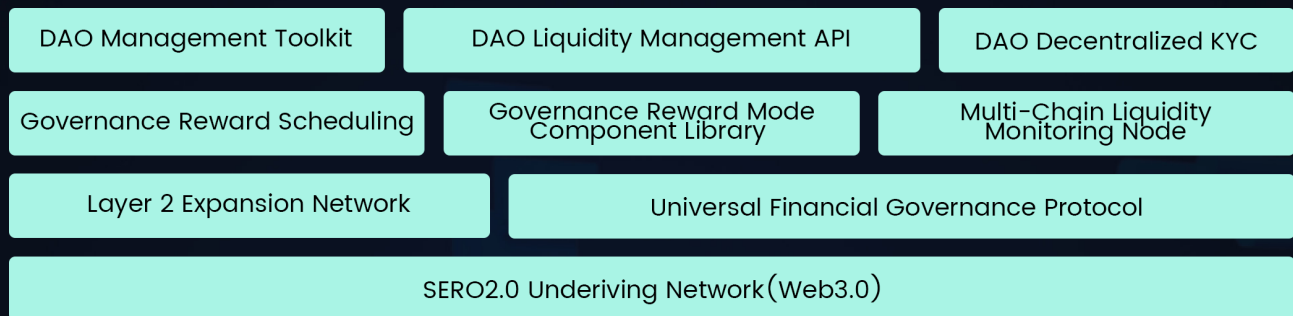
2.4. NFTfi

YouCoin will also issue its own non-fungible tokens. You may consider them art pieces but they will also have their utility in GameFi - Every character, equipment, prop, and land in the YouCoin game will be minted as an NFT. You can put your NFT assets up as collateral for a loan, or offer loans to other users on their NFTs in NFTfi The NFTs aren't limited to the Ethereum chain only. YouCoin Metaverse will support NFTs from various chains such as BSC and more.

2.5. DAOfi

Last but not least of the ecosystems is DAO Finance. We are creating a Super DAO – a scalable DAO-governed platform built on YouCoin Metaverse. Users can submit proposals according to their needs on the YouCoin platform. With $UCON granting the voting power, we'll

create a self-sustaining ecosystem in which the community has great influence over the development of the entire ecosystem.
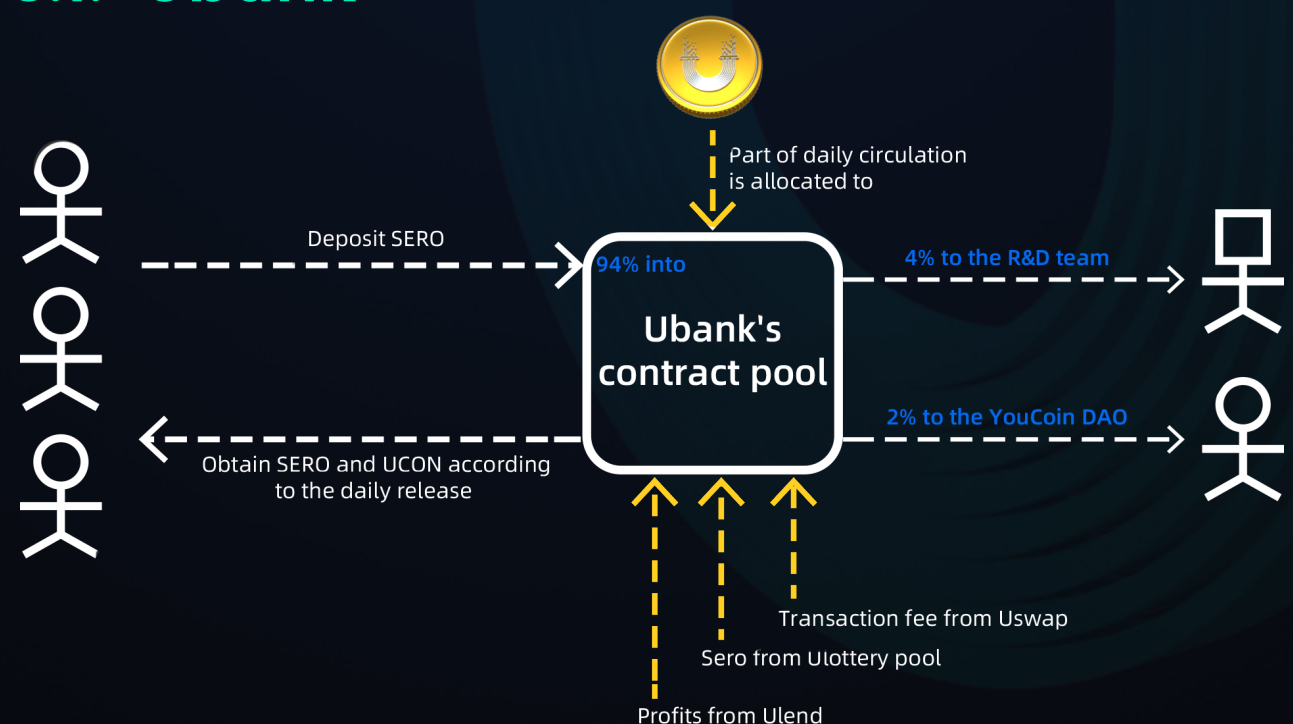
3 Ecosystems

DAO Management Toolkit	DAO Liquidity Management API	DAO Decentralized KYC

Governance Reward Scheduling	Governance Reward Mode Component Library	Multi-Chain Liquidity Monitoring Node

Layer 2 Expansion Network	Universal Financial Governance Protocol

SERO2.0 Underiving Network(Web3.0)

As mentioned in the Introduction section, we're offering a variety of products, which technically are ecosystems on their own. They are, however, all linked to YouCoin so the use of each of the following products is seamless and quite intuitive.

All ecosystems in the YouCoin Metaverse are perfectly looped through eco-finance and $UCON governance token.

3.1. Ubank

Part of daily circulation is allocated to

Deposit SERO

94% into

Ubank's contract pool

4% to the R&D team

Obtain SERO and UCON according to the daily release

2% to the YouCoin DAO

Transaction fee from Uswap

Sero from Ulottery pool

Profits from Ulend

The first (and arguably most important) part of the YouCoin ecosystem is Ubank. Think of it as a decentralized bank available to you at all times – as long as you have access to the Internet. As for the allocation plan, 94% of all funds invested go to Ubank's contract pool. Additionally, 4% is allocated to the technical development team, so it has enough funds to keep developing new features, etc. The remaining 2% is allocated to the Super DAO Foundation as a platform governance fund. The funds themselves are distributed automatically via a smart contract. In line with the UCON issuance rules, a part of the daily issuance of UCON (60%, to be exact) will be allocated to the users that (on the given day) participated in Ubank's "investment and money" rewards. The issuance method works as follows: When users invest/re-invest funds in SERO to Ubank, they'll unlock UCON which will be automatically allocated to people that invested to Ubank – according to the weight ratio of the current investment amount to the total investment amount of the day. There is no minimum balance requirement, as well as no hidden fees. The rewards for staking obviously depend on the token lock-up period. The longer users lock their tokens for, the more rewards (APR) they earn. This will ensure that the selling pressure is low while the buying pressure stays high.

At the time of writing this document, Ubank V2 is in its final testing phase and is set to release very soon. There are many upgrades in the second version of our main ecosystem, some of which include:

• New innovative features such as multi-tokens pool, bonus pools, U medal NFTs

• Last but not least, V1 and V2 form a perfect DeFi ecological closed loop

The max lock-up period in the second version will be 3 years. If users lock their tokens for that long, they will make the most out of their funds with the APR being around the earlier mentioned 600%.

3.1.1. Multi-Tokens Pools

When users stake varying tokens in different pools, they do not possess the same power value. V2 has three mainstream token pools that allow crypto enthusiasts to participate in power mining simultaneously. When you stake different tokens in varying token pools, it will be calculated as your actual power and medal power, which is denominated in dollars.

3.1.2. U Medal NFTs

"What about the U medal NFTs?", that's probably what you're asking. Here's the U Medal Honor Level Program:

- U Medal is divided into three levels: U1 Bronze Medal, U2 Silver Medal, and U3 Gold Medal.

- U Medal is the limited issue: U1 Bronze Medal, U2 Silver Medal, and U3 Gold Medal are limited to 966/366/66 respectively according to the lighting time.

- According to the different periods of each stake power, corresponding to different CR (Conversion Rates), it is calculated as the medal power.

- U Medal lights on/off and changes in real-time according to the adequate total bonus power; it is not fixed.

- When the UNFT market is launched, the U Medallion will be converted into an NFT Medallion asset, which can be cast, traded, and transferred for U Medallion NFT. The same account can hold
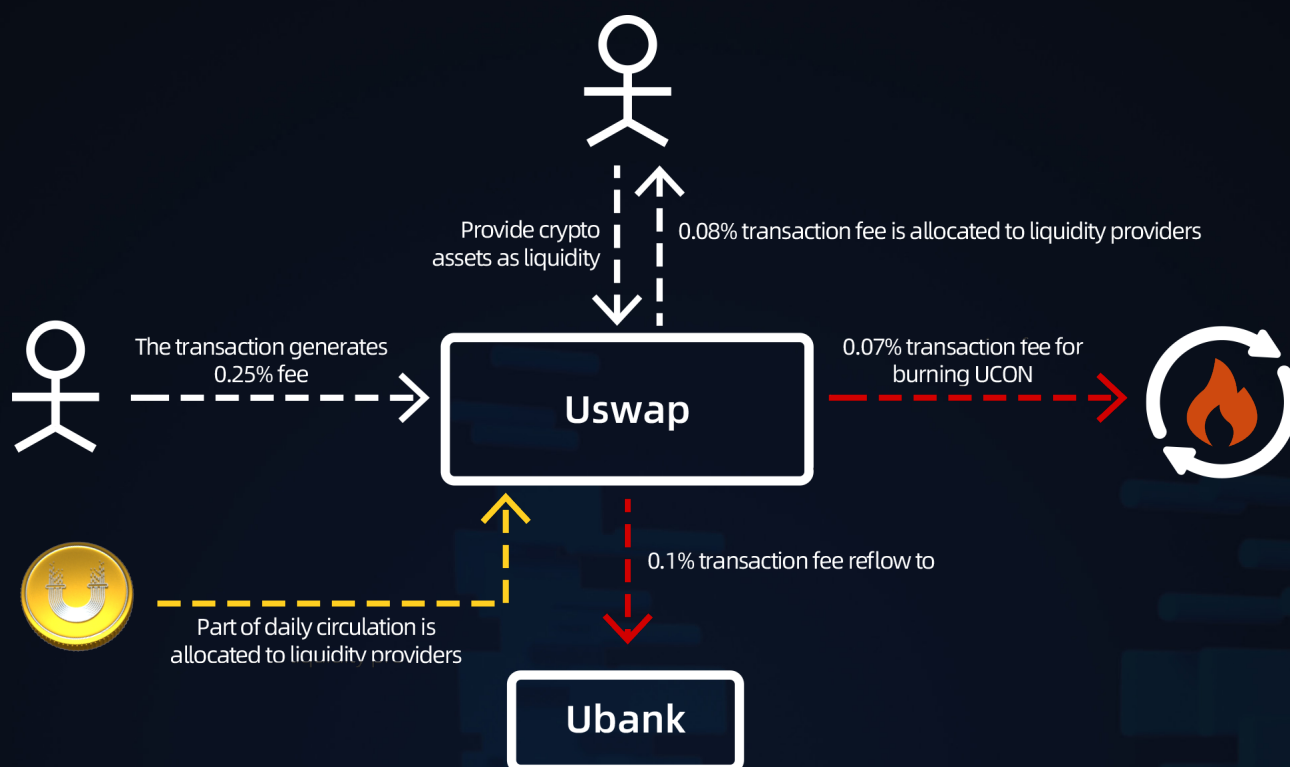
multiple U Medallion NFTS simultaneously through trading and transfer, and can also enjoy the corresponding multiple dividends and various enabling interests superimposed

3.1.3. Bonus Pool

V2 will increase the rewards for U fans, determine the qualifications according to the U medal level of U fans (based on the degree of contribution to YouCoin), and regularly distribute dividends for U fans who hold U medals.
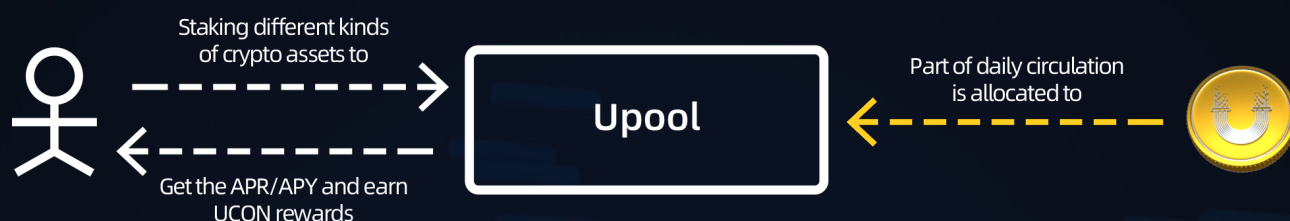
• The bonus of the bonus pool comes from 3% of the staking and 50% of the liquidated damages.

• In each round, holders of U1, U2, and U3 MEDALS will share 80%*22.5%, 80%*32.5%, and 80%*45% of the bonus pool of the current round respectively.

• If there is no corresponding user of U Medal rank in this round, the bonus of this rank will not pay dividends and will automatically flow into the next round.

• 80% of the bonus pool is used for dividends in each round, and 20% automatically flows into the next round.

• U team can timely inject funds into the bonus pool according to the performance of the bonus pool, but it cannot be transferred out.

3.2. Uswap

The transaction generates 0.25% fee

Provide crypto assets as liquidity

0.08% transaction fee is allocated to liquidity providers

Uswap

0.07% transaction fee for burning UCON

0.1% transaction fee reflow to

Part of daily circulation is allocated to liquidity providers

Ubank

Uswap is an automated market maker (AMM) that allows all of its users to swap their tokens without any centralized authority being involved – true decentralization. It's a non-custodial exchange (no KYC required). Users can connect their wallets to the AMM, and swap their tokens without worrying about counterparty risks that are seen in centralized exchanges. The trading fees are also more affordable than what is charged by other crypto exchanges – this is thanks to UCON being on the SERO chain, we'll talk about SERO later in this document. On Uswap, you can obviously swap tokens, but it also has different features. Some of those include LP, farm, and bridge. We have to reward liquidity providers as well. By adding liquidity, liquidity providers earn 0.08% of all trades on the pair, which is proportional to your share of the pool. Returns are accumulated and added to the pool share in real-time. 0.07% is used to buy back and burn UCON, while 0.1% is utilized in recycling. Uswap is compatible with most of the major wallets. Also, thanks to the exchange being decentralized, there's no way for us to ban users for suspicious activities – unlike its centralized counterparts. This way, users don't have to be afraid that they will have their funds locked and will have to wait weeks, if not months to get them back.
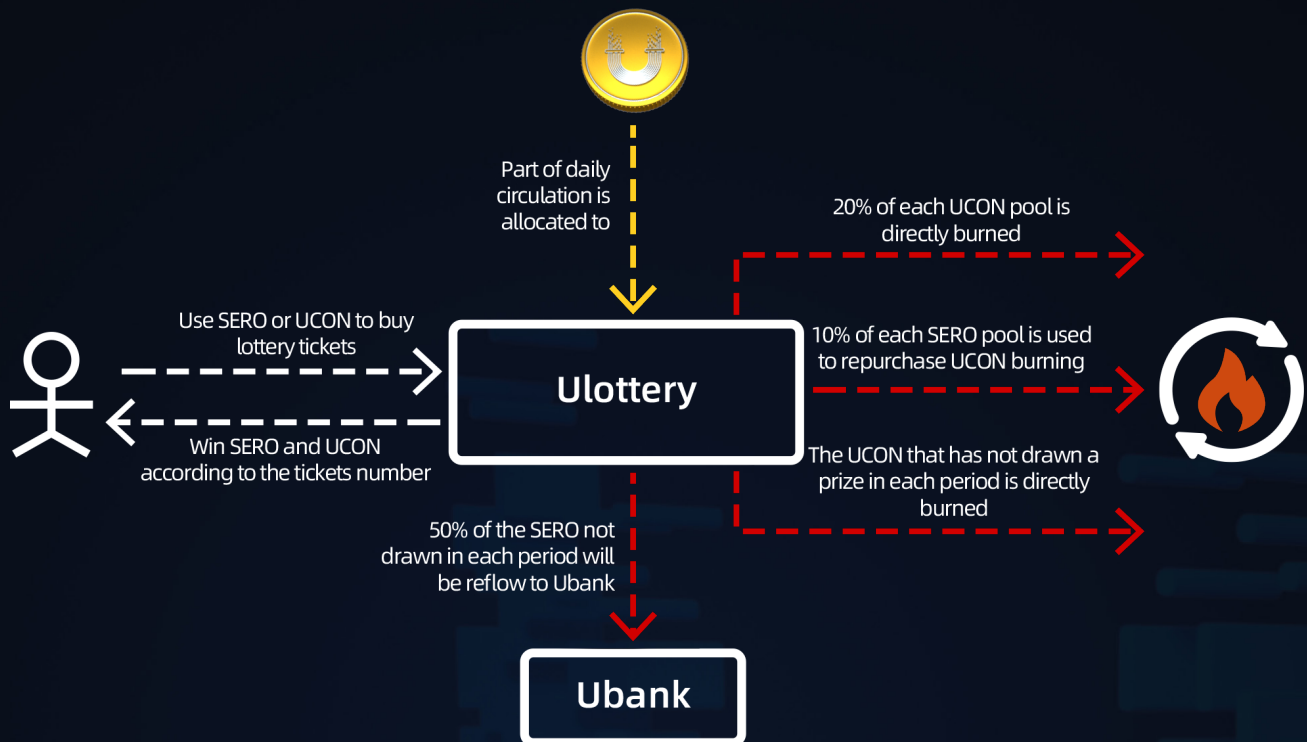
3.3. Upool

Staking different kinds of crypto assets to

Upool

Part of daily circulation is allocated to

Get the APR/APY and earn UCON rewards

Upool is basically a non-destructive single-currency pledge pool. When withdrawing the pledged currency from the Ubank mining pool, if there is an impermanent loss in the currency standard of the pledged currency at that time, the smart contract will pay with UCON according to the currency standard of the pledged currency at that time (read by the oracle machine), realizing a lossless single currency Staking mining.

To make the most out of your pledged funds, you should stake them for the biggest time period. This way you'll ensure that the APY is at its highest, thus you earning the highest possible rewards. There's also a way to make sure your rewards are compounding (this is possible if you pledge in the UCON single-currency mining pool), thanks to our "automatic reinvestment" feature, so there's no need to do it manually. To make sure that there are always enough rewards for the mining pool participants, a part of the daily issuance of UCON will be allocated to the Ubank mining pool. The 1st phase will open three single-coin mining pools, SERO, TUSDT, and UCON, and the mining rewards obtained are all UCON.

3.4. Ulottery

Part of daily circulation is allocated to

Use SERO or UCON to buy lottery tickets

Win SERO and UCON according to the tickets number

Ulottery

20% of each UCON pool is directly burned

10% of each SERO pool is used to repurchase UCON burning

The UCON that has not drawn a prize in each period is directly burned

50% of the SERO not drawn in each period will be reflow to Ubank

Ubank

To further expand the possibilities for users to earn additional rewards, we've decided to create a platform for the ones that are willing to risk a bit. We provide users with a lottery ticket for a reasonable price so that everyone can participate – one ticket costs $1 in either SERO or UCON. Each lottery ticket has its own lottery number – similar to a traditional lottery. Each lottery number contains 4 digits, each number is between 1-14. We are trying to make the lottery as similar to the traditional Web2.0 one as possible to make sure users don't get confused while using it.

On the other hand, we're taking away all the drawbacks that the lotteries we're used to come with. Thanks to Ulottery being on blockchain and everything working through smart contracts, there is no way for us to take advantage of our power by taking huge amounts of the profits generated – unlike the lotteries we see today. We take the perks of decentralization and combine them with the uniqueness of regular Lotteries!

3.5. Ulending
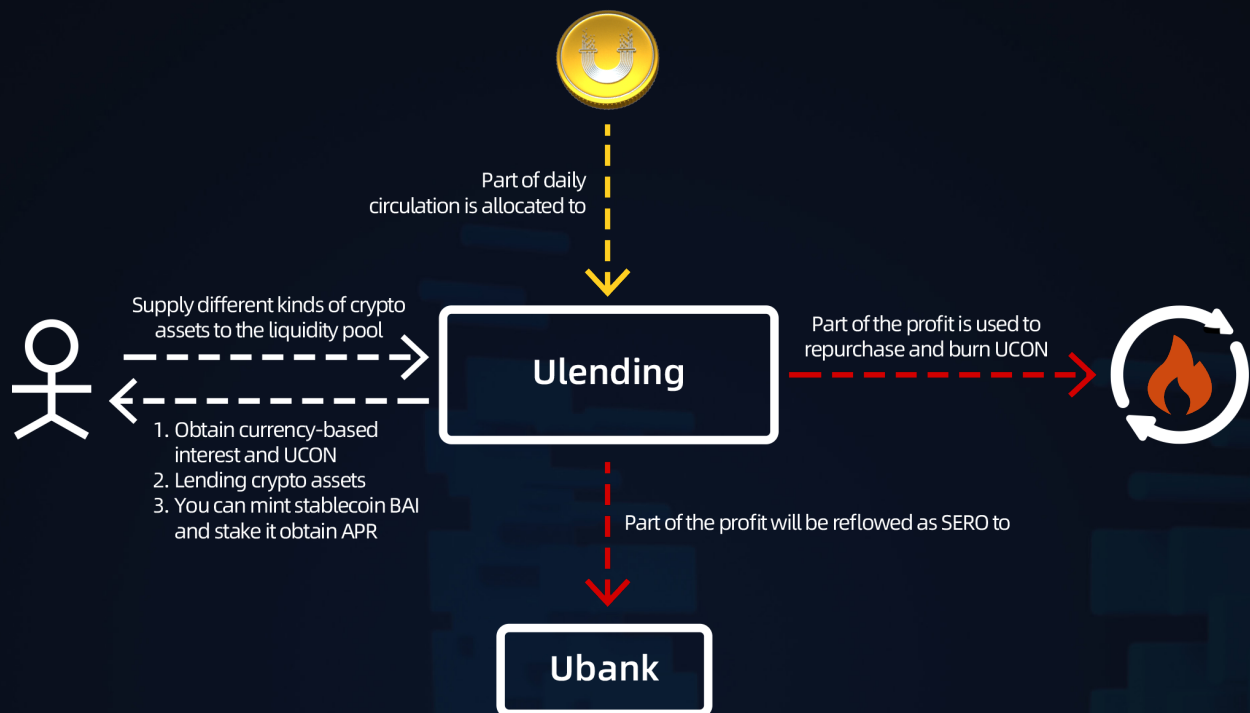
ULending is a complete algorithmic money market protocol designed to provide platform users with a decentralized and secure marketplace to obtain loans, earn interest, and mint synthetic stablecoin BAI. With Ulending and its protocol, we're combining the advantages of two systems – The structure and fork of Ethereum's Compound and MakerDAO.

How do we reward people that use Ulending? A certain percentage of daily UCON issuance will be allocated to borrowers, depositors, and stablecoin minting users. It's worth noting that some percentage of the profit from our lending platform will be returned back to the Ubank contract pool. So how do the decentralized loans work? Borrowers and lenders borrow through liquidity trading pools instead of matching counterparties, and the interest rate for each loan and borrowing is determined by the liquidity of the pool.

Similar to Ulottery, lending on our decentralized Lending platform is very similar to its centralized counterpart, but we use smart contracts to execute the Loans so we cut down on the middleman cost thus

making the service more attractive to users. The smart contracts are immutable which ensures that there are no loopholes and also the interactions with blockchain happen in real time which will make it convenient for both the Lender and the Borrower.

The interest rates are determined by the market. We'll open three liquidity pools (SERO, TUSDT, and UCON) in the first phase. We'll also allow users to mint and issue BAI, which is an on-chain pledged stablecoin pegged to the US dollar in a 1:1 ratio – this way they'll be able to use the digital assets they have provided to the Ubank lending platform. After the lending platform goes online, the "UCON-BAI liquidity pool" will be added to the Uswap.

3.6. Uscan

After the SERO 2.0 upgrade, as one of the application chains of the SERO 2.0 parachain, UCON can be used as the miner fee for the YouCoin series ecology, and it has most of the functions of the SERO block browser, which can realize search queries: TxHash, block number. It can display:

- UCON Planned Circulation

- UCON Current Circulation

- UCON Burned

- UCON Transactions

Users will also be able to track other YouCoin DeFi Ecosystems' stats, which makes the use case of the YouCoin Browser much broader. Some of these include:

- UCON Staking Amount

- UCON Current Price

- UCON Balance

- Amount Awarded

- Amount to be Rewarded

- Amount to be Repurchased

- Total Repurchase Amount

- Mining Market Value

- 24h Transaction Volume

- 24h Transaction Fee

3.7. YouCoin NFT

We mentioned the U medal NFTs as rewards for the loyal people of the YouCoin ecosystem before but let's dive a little deeper into all the options we provide. YouCoin NFT will issue many different NFTs for both SERO and UCON holders which will have collectible value. Each one of these NFTs will be unique and will be worth a certain amount of UCON. People will then be able to trade them for prices that depend on the market situation.

YouCoin NFT will create a series of exclusive NFT collectibles for SERO and UCON enthusiasts, including NFT collectibles with certain commemorative significance on the blockchain.

Each NFT collectible has unique and non-homogeneous characteristics, and is equivalent to a certain number of UCON.
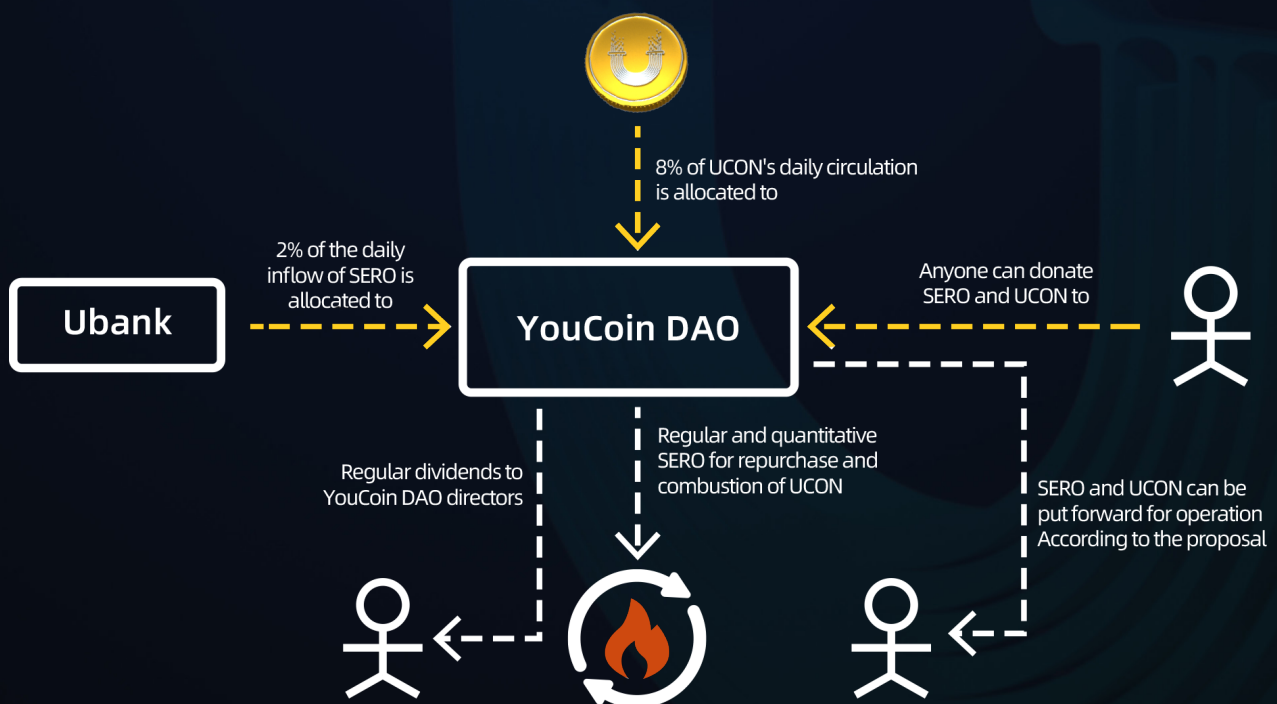
Similar to other assets, collectors can make value investments or speculate on these NFTs based on the price fluctuations of UCON.

3.8. Super DAO (Governance)

Want to evolve or modify the things in the YouCoin Metaverse? You can participate in the Super DAO and governance. Crucial matters that affect the YouCoin Metaverse are determined through the DAO.

8% of UCON's daily issuance will be allocated to the SuperDAO Foundation. Additionally, we'll allocate 2% of the daily inflow of SERO to the same pool. If anyone is feeling generous enough, they can donate any amount in either SERO or UCON to the SuperDAO Foundation.

According to proposals, SERO and UCON will be then distributed where it needs to be. We truly hope that there will be many talents joining the YouCoin governance mechanism and making key decisions in the development of all the ecosystems!

8% of UCON's daily circulation is allocated to

2% of the daily inflow of SERO is allocated to

Ubank

YouCoin DAO

Anyone can donate SERO and UCON to

Regular dividends to YouCoin DAO directors

Regular and quantitative SERO for repurchase and combustion of UCON

SERO and UCON can be put forward for operation According to the proposal

④ Tokenomics

4.1. Overview

As previously mentioned, we're issuing a token of our own - $UCON, which will be the token that powers the entire ecosystem, along with SERO in some scenarios. It's YouCoin's governance token and it's on the SERO chain (it has cross-chain characteristics that allow us to bridge it to other chains, currently the BNB chain). $UCON can be used as a pledged asset to earn interest, users can also use it for mortgage lending, minting stable coins, deducting miners, and of course, it's tradable on exchanges. It will also determine the voting power in the Super DAO Foundation. Thanks to $UCON itself, along with the development of other YouCoin products we'll be able to realize the closed-loop logic of DeFi! The max supply is 1,000,000 tokens. However, what actually makes $UCON different from other tokens? Thanks to it being on the SERO chain, there's a zero-knowledge-proof privacy protection and high TPS (more than 10,000). The privacy should always be the No. 1 priority, even on the blockchain. That's also one of the main reasons why we chose to build on SERO. We are, however, not going to settle with the SERO chain only, as we mentioned earlier. UCON has cross-chain capabilities which make it possible to deploy on any chain, and so we'll take advantage of this option in future development.

	UCON
Decimal	18
Smart contract address	BNB Chain 0x1F88E9956c8f8F64c8D5fEF5eD8A818E2237112c SERO Chain 2twvmc5vA8Fmw2xFwLuwEt3nUN5ovAR1yZgZv7EGincbQJ1M RH7QCLFfsyuYXR8qCQa8ZtKJMuXe2 cR59grkJGdi
Max supply	1,000,000

4.2. Allocation Plan

As for the release mechanism, there's a 20-year linear unlock for all of the above-mentioned allocations. Thus, the production cycle of $UCON is 20 years long. We've done some airdrops before and we'll continue to reward the community for using our platform.
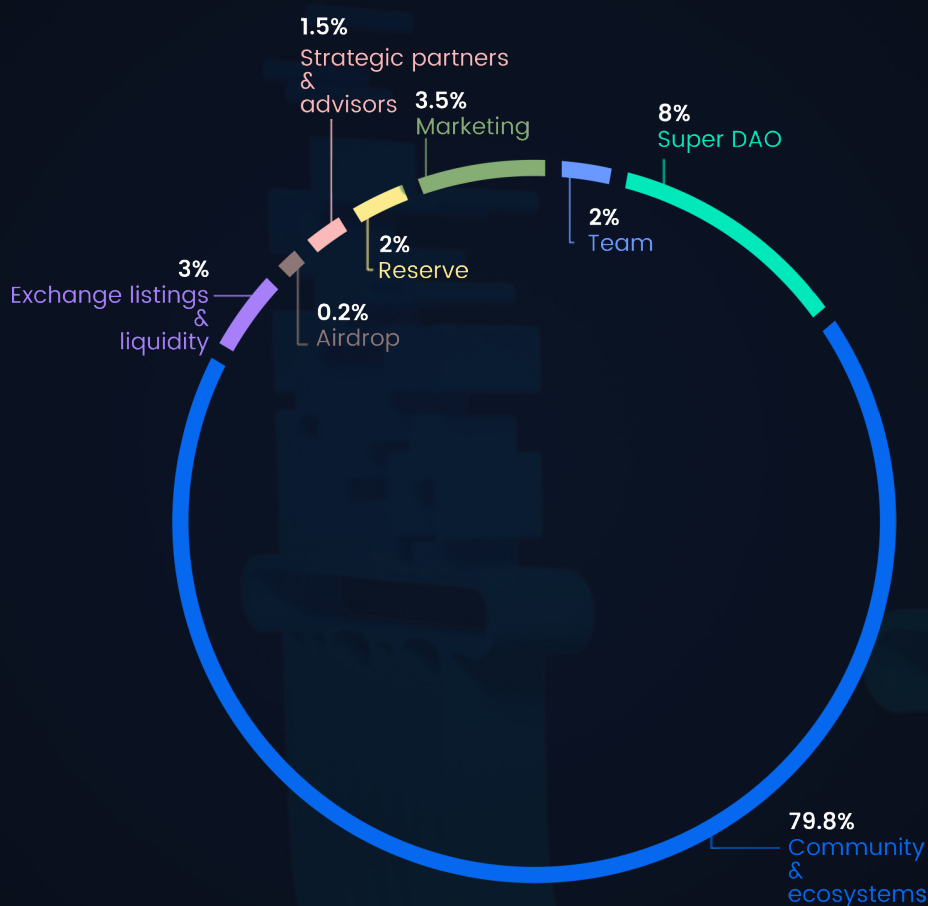
Token Allocation	Supply %	Tokens	Release Period
Team	2%	20,000	240 months
Marketing	3.5%	35,000	240 months
Partners & Advisory	1.5%	15,000	60 months
SuperDAO Foundation	8%	80,000	240 months
Liquidity	3%	30,000	24 months
Ecosystem	79.8%	798,000	240 months
Airdrop	0.2%	2,000	-
Reserve	2%	20,000	-
Total	100%	1,000,000	-

4.3. Supply Model

The tokenomics have a dual mechanism, to ultimately burn and mint UCON, thus ensuring token scarcity is secured alone with fruitful staking rewards for longer term investment strategies. The maximum supply is a fixed 1,000,000.

Burning

All YouCoin ecosystems are born with a token deflation mechanism that burns $UCON. The more users use the ecosystem, the faster $UCON burns.

Minting

Whether participating in Defi staking, or wanting to play-to-earn in GameFi, or Socialize-to-earn. You can earn $UCON.

20-Year Supply Plan

As for the release mechanism, there's a 20-year linear unlock for all of the above-mentioned allocations. Thus, the production cycle of $UCON is 20 years long.

Supply projection

150,000	
120,000	
90,000	
60,000	
30,000	
0	

2022 2024 2026 2028 2030 2032 2034 2036 2038 2041
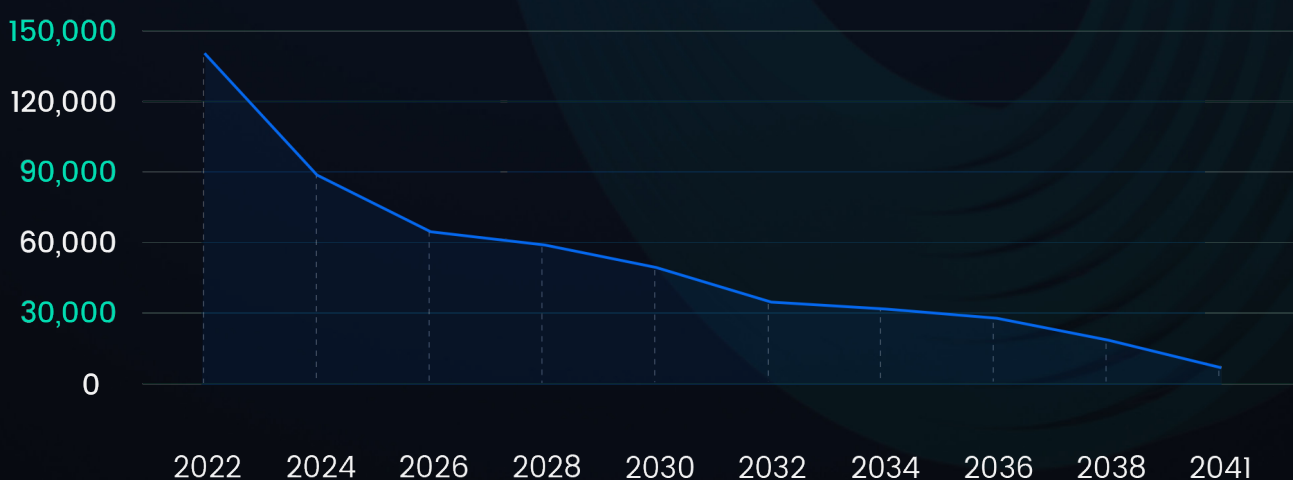
5 Roadmap

What's next for YouCoin?

Q3 2021

- Set up a legal entity
- R&D confirming the feasibility of the project
- Validating the business model
- Creating a marketing strategy
- Stress test smart contracts
- Deploy UCON smart contract on SERO chain
- Establishing 5-year plan & vision

Q4 2021

- Release the whitepaper v1.0
- Website v1
- List UCON token on Coral Swap
- Collaborate with strategic partners & advisors
- Building international YouCoin communities

Q1 2022

- Launch YouCoin's Uswap
- Deploy UCON token smart contract on BSC
- Airdrop for early community backers
- Publish the 2022 roadmap
- Publish a 5-year plan to scale to 1M users

Q2 2022

- Launch token bridge between SERO and BSC mainnet
- Launch YouCoin's Upool

- Website v2
- Expanding R&D team
- Blockchain meetups

Q3 2022

- Listing on the first CEX
- Listing on PancakeSwap v2
- Listing on one of the top Cryptocurrency Data Aggregator platforms
- Launch the Ubank v2
- Launch the Uscan
- YouCoin ecosystem is gradually deployed to BSC if necessary
- Post-launch marketing campaigns
- Be interviewed by various media
- Do AMAs

Q4 2022

- Launch a new version of SuperDAO
- More CEX listings
- Developing GameFi in YouCoin
- Developing NFTfi in YouCoin
- Expanding the team
- Expanding global presence and awareness
- Publish the 2023 roadmap

6 Summary

We're developing a platform that is missing in the market as of now, a platform that is self-sufficient because of how wide the variety of its use cases is. It's possible to create a financial closed-loop with true decentralization entirely on the blockchain. YouCoin Metaverse has lots of utilities and the development of all the ecosystems isn't an easy task. We, however, firmly believe that we're able to accomplish

all the milestones on our roadmap. With the help of Super DAO, the proposals and voting power will be in hands of the most loyal users of the YouCoin platform. As Metaverse becomes more and more mainstream, the demand for a financial services governance facility like YouCoin will only grow.