



# **BULLDOGSWAP WHITEPAPER**



**V.1.0**

# BULLDOG SWAP



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**BullDogSwap is the first  
Metaverse series of  
ecological products that  
integrate swap+NFT+DeFi.**



## What Is DeFi?

DeFi is a short acronym for Decentralized Finance which is inspired by the blockchain technology of which bitcoin got invented. DeFi is a name given to financial cryptocurrency that operates in a peer-to-peer protocol developed on a decentralized blockchain platform that requires no access rights for easy lending, borrowing, or trading of financial tools.

DeFi was idealized based on the idea of creating an open decentralized financial system for everyone and reducing the need to trust and rely on a centralized body such as the bank and centralized financial institutions.

DeFi being a decentralized protocol for financial operations is referred to as financial applications built on blockchain technologies, typically using smart contracts. Smart contracts are automated enforceable agreements that do not need intermediaries to enforce and can be accessed by anyone with an internet connection. Several DeFi applications today are built using the Ethereum network, but many alternative public networks just as Binance Smart Chain are making waves in this space because of the low cost of transaction fee.



**BULLDOGSWAP**

## Introduction To Bulldog Ecosystem

The term "Swap" refers to an exchange of one thing to another, this might be in the case of an asset, commodity or just information.

The Bulldog swap based platform might not just be a Defi platform for liquidity swapping of cryptocurrency assets, but for several other purposes that adds immense valuation to the platform and its platform assets.

The Bulldog swap goal towards its creation realizations, was never to be a swapping platform for liquidity additions alone, just like other DEFI based platforms.

The Bulldog Swap platform has a huge interest to take DeFi further from being an ordinarily everyday platform into an ecosystem that exists as an ultimate hub for DeFi based functions and features with several transactions on the blockchain, as well as being the number one AMM yield platform on the Binance ecological smart blockchain system as a stand alone platform with different DeFi activities.



## What And Why Bulldog Swap

The reason why there is a need for a multi-purpose swapping system just like the Bulldog Swapping protocol is basically because of the massive exponential growth and developments in this blockchain space.

More and more projects especially DeFi related platforms are sprouting out from nowhere into becoming a grassroots project that is used by majority of cryptocurrency users across the world and as such, these platforms only have a dedicated features for their developed system and lack quality service with low performance rate, this might be due to poor code or lack of team enthusiasm.

And as more of this occur on this space, difficulty to use platforms that offers other several functionalities becomes cumbersome and uneasy because of the sophisticated and advance nature of DeFi platform, hence why there is a need to have a scalable multipurpose Defi platform for diverse features and DeFi functionality for easy navigation as well as mitigation of cost for (transactions) Tx and complexity since it's built on the Binance SmartChain.



Therefore; Bulldog Swap is the first multi-purpose all in one high end yield #AMM DeFi platform, for diverse DeFi functionalities and functions in the Binance SmartChain network.

The Bulldog Swap embraces different features across multiple deFi platforms to become the ultimate functionality DeFi hub for its users. And these features and functionalities such as, Swapping, farming, NFT/collectibles, Lottery, IFO and Voting are carefully put in place to suit the needs of its multiple functions.

The Bulldog Swap, as its name implies, supports all Bulldog features from multiple sources of the DeFi platform on the blockchain space.

This ranges from trading which can also be swapping, liquidity platform provider to liquidity traders, Initial farm offerings, collectibles and an ultimate governance system that helps direct, build and guide the powerful platform to develop.





## In-depth Look On The Bulldog Ecosystem

BullDogSwap is a product of YFIONE.org , All Binance Smart BullDogSwap products based on swapT-as-a-Service infrastructure are used. It will be supported by the YFIone and OneBasis markets, and the three parties will jointly promote more high quality asset transactions.

BullDogSwap empowers the feeding ecology of NFT products, and mints, designs, connects, collects and trades various assets, tokens and NFTs through the subsequent multi-chain operation of the first Binance Chain.

BullDogSwap aims to provide a brand new fan experience, simplify the process of joining the DeFi and swap economy, and at the same time connect the use of the toolbox, so that everyone can participate in the production, purchase, sales and transaction of NFT, DeFi, and swap. Easier operation and more convenient use.

BullDogSwap is building an open and convergent Metaverse infrastructure to allow users to use the exchange module to provide on-chain vouchers through a decentralized exchange.





The agreement allows everyone to trade, create, distribute and gamify based on the data on the chain, while establishing an independent community user growth system, and realize the issuance based on the data on the chain.

In the world of defi, people are accustomed to high speed transactions, instant confirmation, massive storage, concentration and trust bring efficiency, enter the blockchain network, and the distributed system based on code control and game mechanism operation realizes decentralization and Trustless, but multiple types of dex trading venues, and there is not much application nature of NFT redundancy inevitably bring cost improvement and efficiency reduction, the experience of the application on the chain makes users feel that the times are regressing.

To this end, BullDogSwap's improvement plans include adding ecological applications, dex-swap scenarios, expanding block sizes, changing consensus algorithms, sharding, and so on.



## The Bulldog Swap Business Model

The platform of Bulldog Swap will be integrating a rich and exponential business method to grow its brand and financial token stability. The BUDG token tokenomics will be employed as a way to improve and grow the usability of the platform through the token holders initial donations for platform empowerment and development proceeds.

With our rich tokenomics and vigorous approach towards analogical concept to work through a balance pattern from the dedicated team and proper management, this will help improve platform growth with its developmental implementations and rigorous focus to deliver to the Bulldog swap community our best to accrued platform approbations and Token valuations.

### Bulldog Swap Features And Functionalities:



## The BUDG Token

The BUDG token is the platform's Defi governance asset of the Bulldog swap platform, it is used basically to access and navigate across Bulldog Swap services. The BUDG token is created to guideline the growth of the platform through several proposals from the community members using the BUDG proposal system. It is also for platform valuation, and for users to be able to operate seamlessly on the platform and features purchase only if you are a BUDG Token holder.

## BUDG Tokenomics

Total BUDG Supply - 100,000,000 BUDG

Presale- 40%

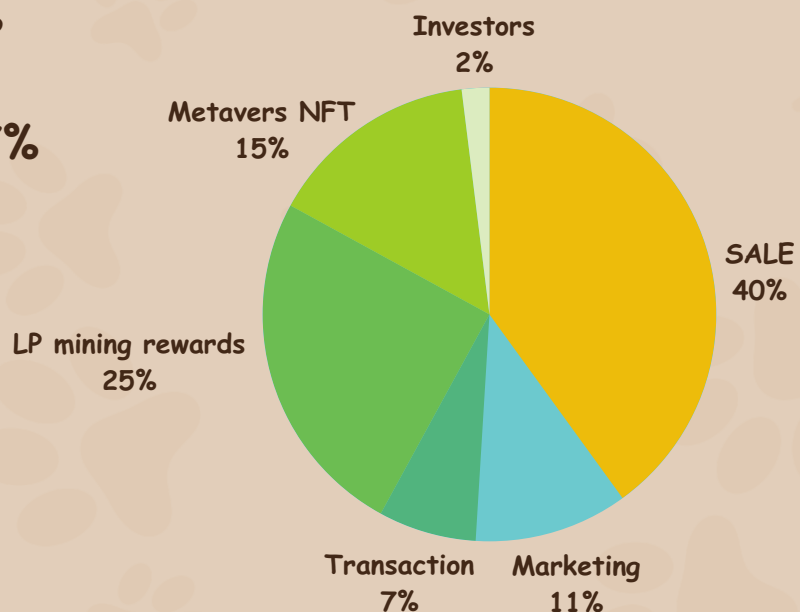
Marketing - 11%

Lp mining rewards - 25%

Metavers- 15%

Investors - 2%

Transaction - 7%



## The Purpose Of Bulldog Swap

The Purpose of the Bulldog Swap platform is designed to be more than just an everyday swap platform unlike the traditional DeFi based swapping system. The purpose is to be the ultimate hub for DeFi Based features and functionalities like.

- BUDG Farming: The Bulldog swap platform offers not just the basic farming features but with the envisions of becoming the number 1 yield farming AMM.

- BUDG Collectibles: With the alarming rate of NFT hypes and recognitions coupled with several NFT projects, one might begin to wonder if collectibles are the next big thing on the blockchain. It is up to everyone to wonder if it will be, but definitely up to us to embrace it by code implementations on the BUDG platform and wait for the storm that hits next on this space.

- BUDG Trading (BUDG Swap): The BUDG swap features is not your everyday traditional swapping system but with an improve smartcontract and cheap transactions built on the Binance SmartChain.

- IFO (Initial Farm Offerings): Just like your favorite IDO platforms, the IFO platform will give early opportunities to investors to support their favorite Farming projects, while safeguarding them from scams or rug pulls.
- Lottery: An advanced DeFi feature for blockchain decentralized betting.
- Vote And Governance: A feature to listen and implement the community's thoughtful ideas that will uplift Bulldog Swap platform.



## The Bulldog SWAP/NFT/MetaVerse Platform Documentations.

### - DEX-SWAP

DEX locks the TOKEN on the blockchain in the fund pool constructed by the smart contract, so that buyers and sellers can directly exchange one kind of TOKEN for another kind of TOKEN from the fund pool. The entire transaction process takes place and is recorded in the blockchain, cannot be tampered with, and does not require a centralized institution to match, so it is called a decentralized exchange—Decentralized Exchange. It is an automatic liquidity protocol supported by a constant product formula and implemented in a non-upgradable smart contract system on the blockchain.

It eliminates the need for trusted intermediaries and prioritizes decentralization, censorship restrictions, and security.

BullDog Swap's smart contract or a pair of smart contracts both manage a liquidity pool consisting of a reserve of two tokens. Anyone can exchange pool tokens by depositing the equivalent value of each base token, thus becoming the liquidity provider of the pool—namely LP (liquidity provider). These tokens track the proportion of LP shares in the total reserve and can redeem related assets at any time.



Simply put, it is a real decentralized trading engine. Different from the CEX (centralized exchange) order book transaction mode (that is, initiating pending orders and matching transactions), under the decentralized transaction mechanism, users do not need to go through CEX as an intermediary (there will be no pinning downtime theft) The currency problem), users can directly use the wallet to conduct transactions on the chain. In the early stage of BullDogSwap, only token currencies supported by the BNB, USDT, ETH, BUDG, YFO, and OBS platforms are available. Other Tokens users can add exchanges, but the platform does not support ama. The core operating mechanism of BullDog Swap's dexswap is to establish a stable and liquid supply pool, and use the fund pool exchange mode to conduct "transactions". The transaction process here can actually be understood as a process of token exchange, that is, the user is in a AB will inject a certain amount of token A into the capital pool to exchange a certain amount of token B. The exchange ratio between A and B requires a pricing/exchange rate, and its realization is based on a constant product mathematical formula:  $x*y=k$ , X and y respectively represent the quantity of the two assets in the liquidity pool, and k is a constant invariant (constant product formula, in traditional financial markets, the exchange rate of national currencies is also the same), then the conversion process makes A increase and B decreases, The constant of k is realized.



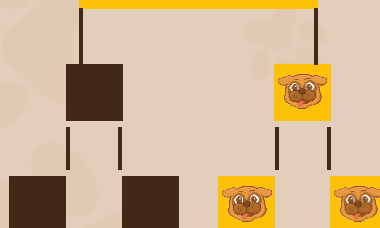
STATE - 0



STATE - 1



STATE - 2



## - BullDog NFT

BullDog NFT, NFT casting agreement and primary market-"Art / Collection /Game/Fan Economy", the innovation of its NFT is that it provides a way to mark the ownership of native digital assets (that is, assets that exist in the digital world or originate in the digital world), and this ownership can exist in centralized services, outer.

The value of NFT lies in its expansion of the types of assets on the chain, making it possible for assets that were previously unrepresentable.

At the same time, the expanded asset class is closely related to the masses and is easier to spread, which makes the logic and business model behind the NFT easier to understand and accept.

We believe that the NFT track still has huge potential, and the NFT territory has just begun to be pieced together.

Therefore, we have sorted out the NFT industry value chain from the casting to the circulation of the NFT. And give users a business map about BullDogNFT.



Non-homogeneous Token (NFT) is a unique digital product with blockchain management ownership. Blockchain-based non-homogeneous tokens, just as we already had digital currencies (such as airline points, game currency) before the advent of encrypted currencies, since the birth of the Internet, we have had non-homogeneous digital assets. Domain names, event tickets, in-game equipment, and even processing on social networks such as Twitter or Facebook are all nonhomogeneous digital assets; they differ only in tradability, liquidity, and interoperability.

Many of these are very valuable: in 2018 alone, Epic Games earned US\$2.4 billion in revenue from the sale of GIs in its free game Fortnite. By 2025, the event ticket market is expected to reach US\$68 billion. The market continues to maintain steady growth. We have a lot of digital assets, but we have never really owned them. Obviously, we already have a large number of digital assets. But to what extent do we "own" these digital products? If digital ownership only means that an item belongs to you and not to someone else, then in a sense, you own them. However, if digital ownership is more like ownership in the physical world (freedom to hold and transfer indefinitely), then digital assets don't seem to always be the case. Rather, you own these assets in a specific context, which may or may not make moving them easy.

Try to sell Fortnite skins on eBay and you will find it difficult to transfer digital assets from one person to another. This is why the blockchain appeared! Blockchain provides a coordination layer for digital assets, giving users ownership and management rights. Blockchain adds some unique attributes to non-homogeneous assets, thereby changing the relationship between users and developers and these assets. The non-homogeneous token standard allows nonhomogeneous tokens to easily move across multiple ecosystems. When developers start a new NFT project, these NFTs can be immediately viewed in dozens of different wallet applications, can be traded in the market, and recently can also be displayed in the virtual world. Because open standards provide clear, consistent, reliable, and permissioned APIs for reading and writing data. The instant tradability of non-homogeneous tokens will lead to higher liquidity. The NFT market can satisfy a wide range of audiences from core traders to more novice participants, so that assets can be more widely oriented to a wider range of buying groups. Based on the status quo, BullDogNFT connects the virtual and reality based on the fan user base. Users can easily obtain NFT through purchase. At this time, the obtained NFT can be used in various social interactions in Metaverse, including financial methods, thereby improving the entire The closed loop allows NFT to complete all the steps from social networking to trading to finance directly.



## - Bulldog Metaverse

There is currently no SWAP at the Metaverse+NFT track BullDogSwap, as the first Dex to be launched, supports users to exchange multiple tokens on the platform, and supports the change index of the first launch and superimposition. If tradition is to rely on technological progress to make people perceive the metaverse, BullDogSwap is more through the perception of openness and production relations to make people enter the metaverse.

The word "Metaverse" is composed of the prefix "meta" (meaning "beyond" and "yuan") and the root "verse" (derived from the universe "universe"), literally translated as "Metaverse".

This concept originated from the science fiction novel Snow Crash published by Neil Stephenson in 1992. It refers to a parallel digital world that is separated from the physical world but always online, in which people can use virtual characters. (avatar) Live freely. Wikipedia's description of Metaverse is: through virtual augmented physical reality, presenting the characteristics of convergence and physical persistence, based on the future Internet, a 3D virtual space with the characteristics of link perception and sharing. From a technical point of view, the blockchain in Metaverse is only a part.

To realize it, other technologies such as AR/VR and the Internet of Things are needed.



However, the role of blockchain in the Metaverse ecosystem is very important. Therefore, it is particularly important for BullDogSwap to start establishing a Metaverse ecosystem at this time.

In the blockchain technology applied to Metaverse, NFT plays a central role, because NFT can express a wide range of things and meanings.

The concept of NFT (non-homogeneous token). In NFT, each token is unique and has different characteristics; tokens have exactly the same nature and value. I found that in life, there are far more usage scenarios and cases of NFT tokens than Tokens. Most items in our lives are not exactly the same, and many are NFTs.

Even the modern industrial products produced by mechanized mass production may not be exactly the same. When we buy things, especially valuable things, we repeatedly pick and look at it to check whether the item we see is flawed. As long as there is a flaw, it is different from the standard product, which is actually NFT.

So Metaverse can be imagined as another parallel living space. Although this space and real space are parallel, there are many similarities and analogies in the ecology, methods and real life in it. In our real life, NFT cases are far larger than Tokens, so in Metaverse, NFT uses and scenarios will also be far more than Tokens.

Therefore, BullDogSwap has established a very strong community gameplay, bringing reality into the NFT. Users can complete various activities in the Metaverse of BullDogSwap, such as working to earn money in real life, and there will be relatives in the Metaverse of BullDogSwap. Your personal identity means that you can do two jobs and make two money. The concept of Metaverse is actually extended from the game, so even now in the industry and many articles discussing Metaverse, the game scene is more talked about.

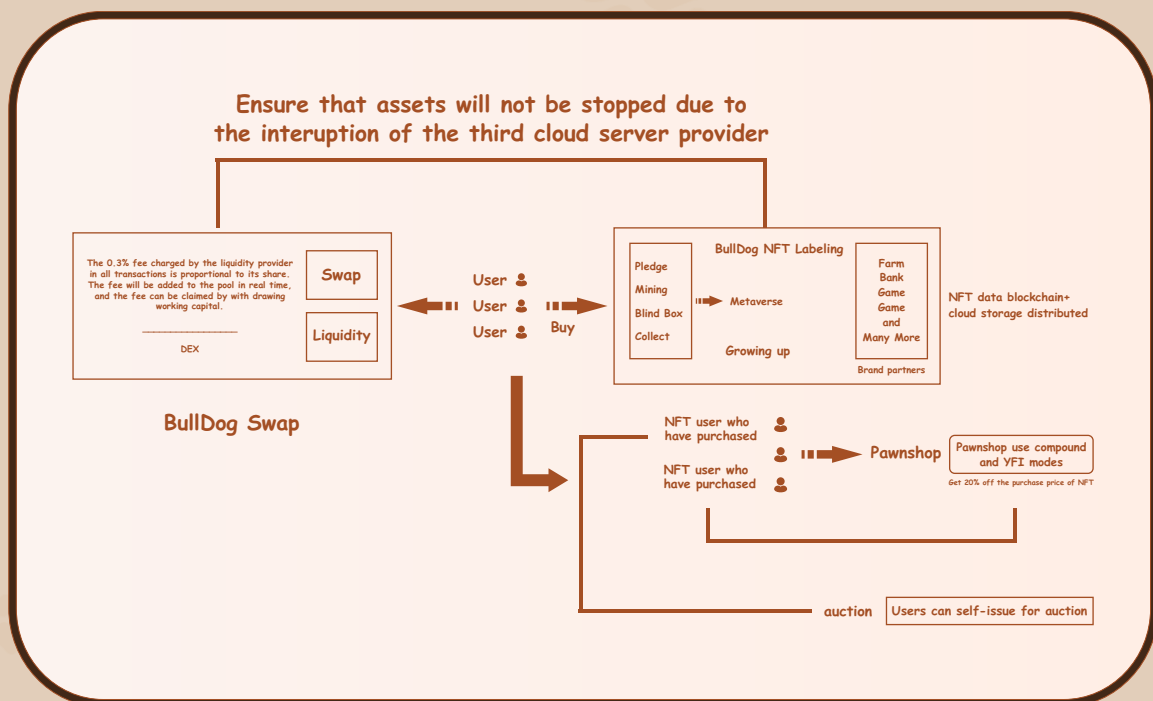
Some friends who don't play games may think they don't play games when they see these, so this has nothing to do with them. But in the future, we believe that games will never be the core of Metaverse. Metaverse will definitely expand from the game scene to the entire entertainment, life, business and other fields, so everyone will definitely be exposed to Metaverse in the future.

This is like in today's society, whether directly or indirectly, almost everyone will be exposed to the Internet. No one can stop the trend of technological development, and no one can avoid the influence of technological development. And blockchain technology plays such an important role in this upcoming scene, so we cannot ignore it even more.

Because NFT involves a very wide range, its ecology is very large. The NFTs that everyone is exposed to may be different, and they are all just a subset or even a point in this big ecosystem. So it's like a blind person touching an elephant. Everyone's touch is different, and the understanding will be different: some people think it's promising, some people think it's meaningless. At this time, you need to take a few steps back, look up at it, take a look at different areas in this ecology, and try to understand the patterns and scenarios in different areas. At this time, there will be another problem, which is what we frequently and repeatedly mentioned: we are very likely to be constrained and restricted by traditional thinking. Jump to conclusions about new things we see, especially new things we don't understand. When exploring the field of NFT, for example, it was like this when we first looked at Bitcoin, it was like this when we looked at Ethereum, and it was like this when we looked at DeFi.

The perception brought about by the iteration of traditional technology, and the perception of social relationship changes brought about by the innovation in the BullDog Swap field, will eventually converge and merge. In addition, reality and virtuality are also merging. With ar games, we can see that the future of the integration of reality and virtual games, the future Metaverse, is bound to be the integration of reality and virtuality, tradition and

In BullDogSwap's Metaverse, everyone has their own character attributes. They can be farmed as farmers in Metaverse to earn crops, and they can be upgraded as bankers to invest in financial management. Of course, BUDG Tokens are currencies circulating in the small town of BullDog Swap Metaverse.



# BullDog Swap Roadmap



## Jan - July (2022)

BUDG V2 announced  
BUDG V2 launched  
Whitepaper Roadmap V2  
New Roadmap updates



## Jan - July (2021)

Bulldog Swap Planning and Platform developments.  
Platform completed - BUDG Partnership  
BUDG Token presales  
BUDG Platform opened for usage.



## August - December (2021)

BUDG token listed on Pancakeswap  
BUDG token listed on major DEX  
BUDG token major listing on CEX  
Launch of double features  
Coordinated Marketed  
Expand network  
Launch Collectibles features  
Launch Vote feature  
Launch Lottery  
Major partnership  
Platform upgrade

