ASTROSHIB

TOKEN

AstroShib is Africa's first passive income decentralized finance project (Defi)
Alias - the passive income cryptocurrency

ASTROSHIB TOKEN
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ASTROSHIB WHITEPAPER V1.4

ASTROSHIB ECOSYSTEM: Africa's first super deflationary mega yield-generating project on the Binance Smart Chain, built for passive income generation by " Oscar Adaka ".

Abstract

The AstroShib Protocol is a community driven, focused and super deflationary ecosystem DeFi token protocol. AstroShib Protocol as closely related to both *Shiba Inu* and *SafeMoon* originally started in 2018 and has since adopted the innovations of both parent projects ***Shiba Inu*** and ***SafeMoon***. The ecosystem aims to become the most utilized platform for diverse Defi projects in the rapidly growing cryptoverse with it's combination of yield farming, decentralized financing and deflationary model.

The AstroShib Protocol aims to solve the problems of prior cryptocurrencies including mining, liquidity provision and passive income generation. Mining equipments are both expensive and harmful to the environment but earning mining rewards is of great interest to all crypto communities.The AstroShib Ecosystem also aims to evolve into a much needed and sort after bridge for interoperability between the real world and the cryptoverse.

Since the inception of smart contracts, developers have been tasked with providing a suitable way for liquidity provision to fuel exchange of coins/tokens on decentralized exchanges which lead to developers creating incentives aimed at users to provide liquidity, but this too poses a greater risk due to the subjectivity of impermanent loss and thus liquidity providers may loss value if this happens and hereby discourage intended liquidity providers. Therefore, as an inter-connected improvement on both yield farming tokens(e.g Shiba inu decentralized platform = ShibaSwap) and innovative deflationary tokens (e.g SafeMoon Protocol), we propose providing users the opportunity to participate in a smart contract token reflection to generate passive income and also benefit from constant deflation of the token supply over time through a burning mechanism implemented in the smart contract and a constant burn model to be implemented on all AstroShib products. This is made possible by utilizing a smart contract function to automatically generate liquidity to be used in decentralized exchanges and this liquidity is held in custody independent from users possession. Additionally, the smart contract is developed to automatically burn a portion of the reflections on each trade by automatically allocating a portion of the token to a burn wallet address where the tokens are destroyed forever and removed from circulation thereby drastically reducing the token total supply.

The AstroShib Ecosystem aims to provide users various benefits that will enhance the further development of the AstroShib Ecosystem into a power house in the cryptoverse and foster trust and cross-chain utility across the cryptoverse.

1. Our Background

The AstroShib Ecosystem is originally the idea of a young African technology educator and enthusiasts " Oscar Adaka " who saw the need to build an ecosystem that is able to integrate various sectors of the modern day economy into decentralized finance(Defi) and enable *passive income generation*(reflection) for Africans through a totally decentralized ecosystem. The AstroShib token and ecosystem has been in planning phase since 2018 but the launch of the project was ignited by the innovations of both ***Shiba Inu*** and ***SafeMoon*** which introduced to the cryptoverse a new concept to decentralization. We are a community driven, focused and super deflationary ecosystem DeFi token protocol with 40% of our initial token supply burnt(destroyed) and this amount will continue to diminish fast on every trade of the AstroShib Token due to our tokenomics deflationary structure. We are an innovative focused community that is solely focused on providing the cryptoverse habitats, the opportunity to better the world through blockchain innovations and decentralization in everyday activities.

2. Why Binance Smart Chain?

We decided to deploy the AstroShib token on the Binance Smart Chain because of it's extremely low transaction fees and relatively faster TPS unlike the Ethereum Blockchain which has way more higher fees and lower TPS. We plan to evolve and deploy AstroShib on various blockchains in the future to enhance cross-chain operability and utilities.

3. How Does The AstroShib Protocol Work?

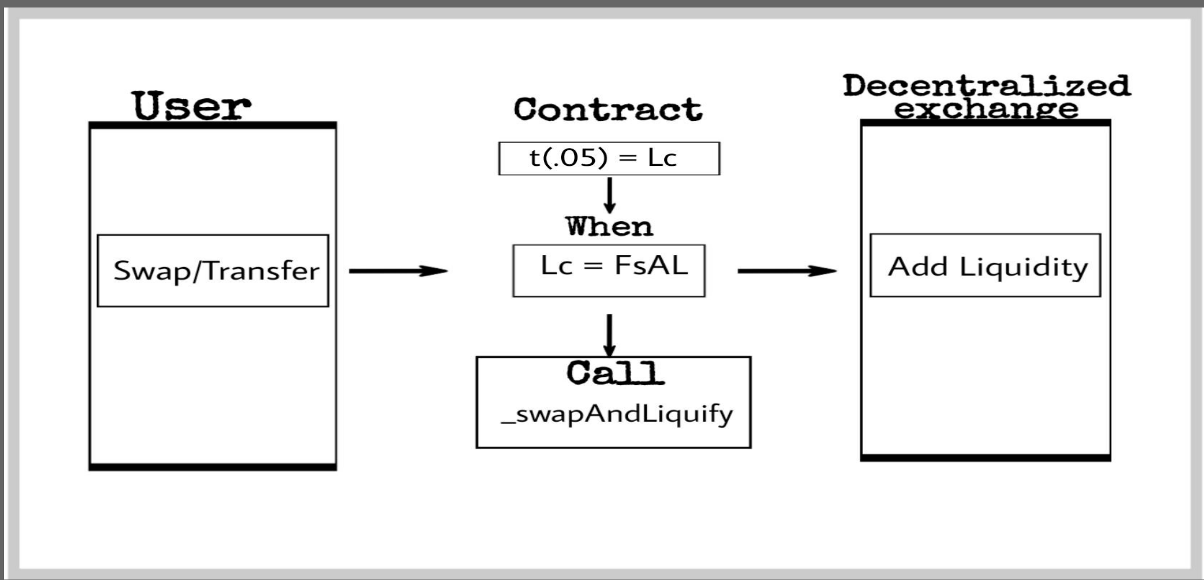
A 10% fee is charged for trading the AstroShib token on dexes whereby existing holders earn 3% in reflections, 2% is burnt automatically and 5% is automatically added to the liquidity pool on decentralized exchanges. The AstroShib token will be the most deflationary token on the Binance Smart Chain with its super deflationary structure.

4. Is AstroShib Token a Utility Token?

Yes, the AstroShib token is the utility token of the AstroShib Ecosystem and Empire NFT collection. Unlike other cryptocurrencies which derive utility from staking to earn rewards, the AstroShib token is already utilizing the AstroShib Protocol to incentivize holders who do not need to pay extra fees to collect rewards or compound their earnings. The AstroShib token automatically compounds holders incentives without extra fees and generates passive income constantly on every trade.
The AstroShib Token is a multipurpose utility token which aims to become a big part of the African cryptocurrency market, paving ways to life changing opportunities in defi.

5. Automated Liquidity Acquisition

We understand that liquidity is essential in any exchange environment. By definition, decentralized liquidity is simply the accessibility of tokens through a self controlled/ executing contract deployed on the blockchain called a *smart contract* which is funded by a liquidity pool and eliminates third party interference during exchange of tokens and this smart contract is hosted by a decentralized exchange. Historically, traditional order books have been used in a trading environment where market makers are needed to provide service by filling buy and sell orders in a but this method of liquidity provision has long been outdated and replaced by liquidity pools in a decentralized way. Just as market makers are rewarded for service provision in the order book environment, proper incentives for adding liquidity are a key factor in any decentralized exchange environment. The liquidity pool provider may encounter some problems when he/she loses the incentive to add tokens into the pool, which occurs after the token pair is subjected to impermanent loss resulting from arbitrage. As a solution, Liquidity can be taken as a function of the smart contract using market activity from all swaps and transfers. A portion of these swaps and transfers will be captured by the smart contract and executed with the function: "_swapAndLiquify". For this to happen, the portion of the 5% fee from swap and transfers can be kept in a standalone pool within the contract itself and automatically converted and added to the liquidity pool after the token count reaches a set threshold at 500 million tokens. Liquidity is then automatically sold and paired accordingly by the smart contract thereby alleviating the users from having to subject themselves to any impermanent loss scenarios. Large liquidity pools act to decrease the volatility of the swap impacts against the total available supply.



6. Token Reflection(passive income generation)

Traditional mining is both inconvenient and costly for the user. Non comparable static reflection rewards accrue by simply holding your AstroShib tokens, and features an innovative *hold-farming* reward structure that stands out from conventional pool-farming rewards. The idea behind this function is to eliminate token dependencies that have created problems in the past, including, but not limited to:

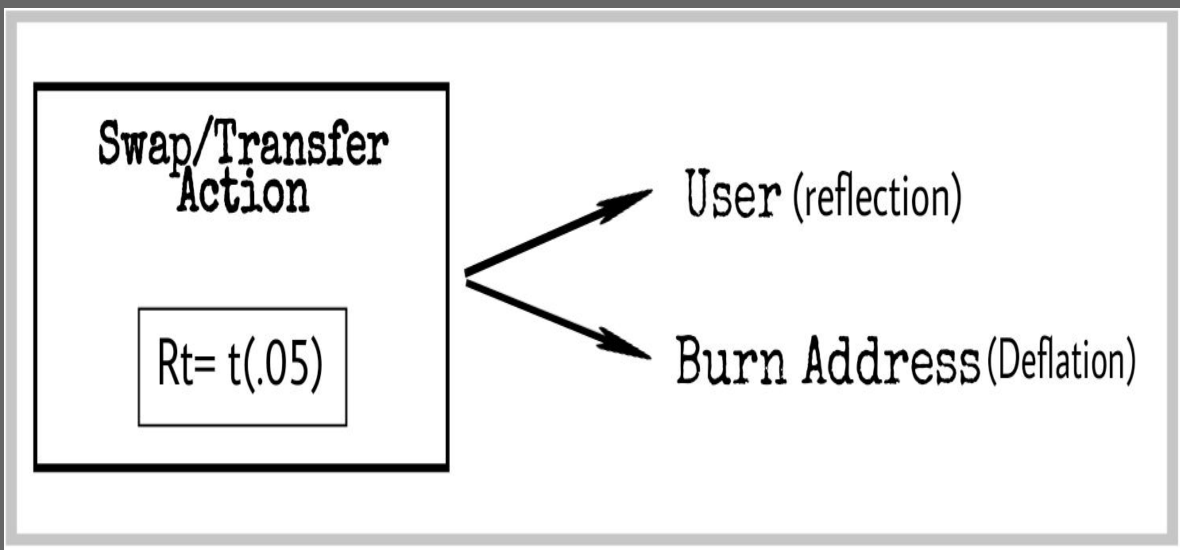
1. Pooling funds in unverified 3rd party smart contracts
2. Use of external website interfaces;
3. Non favorable transaction fees needed to claim rewards.

Earlier models of decentralized finance tokens such as pool farming are expensive and rely solely on user action to manually compound and generate rewards. As a solution, we propose the utilization of a compounding reward structure that requires no extra fees in a smart contract function known as '*token reflections*'. To execute this, reflection must be cost-free or be of less impact to the user. In view of the static rate of reflection set at 5%, the volume of market activity will clearly impact the quantity of token reflection based upon the percentage of tokens held by the user relative to the overall supply. With the "_excludeFromReward" function enabled for individual addresses, accounts such as exchanges, hot wallets, dapps, etc. can be excluded from token reflection, thus granting more rewards to individual holders.

7. Depreciating Supply & Token Burn Address

In a decentralized blockchain environment, contract functions can be utilized to achieve token scarcity. To make this possible, we propose also distributing rewards to the burn address starting at 2% from each transaction, which is publicly verifiable for all participants to see on the blockchain. We can then monitor the depreciating supply in real-time for added transparency.

In our effort to establish a baseline token burn rate, we see also that these values are dependent on three factors: reflection rate, token quantity, and market volume. The rate of reflection rewards is proportional to the total supply in each holder's wallet address. It is important to note that there are two particular variables which will affect our calculations: the increasing scarcity of tokens and the quantity of tokens absorbed by the burn address. It can be reasonably understood that these features will have binding effects that can stabilize the burn rate into the future.



ASTROSHIB ECOSYSTEM

Visit the *ecosystem section* of our official website www.astroshib.net for more details of the astroshib intended product releases and innovations. More details will be included in the next update of our whitepaper