Laika Protocol White Paper

April 19, 2021

Meet Laika

Laika is a first of its kind, Second Generation deflationary token on the Binance Smart Chain that utilizes a new type of Scalable Automatic Liquidity Pools in order to prevent price manipulation while also supporting cross-chain integration, ensuring that you can bring Laika with you, wherever you go!

The Laika Protocol

With the rise of deflationary tokens, there have been a number of problems that have appeared as well. Price manipulation, bots and whales as well the constant evolution of the DEFI world have become major roadblocks for the long term success of many deflationary tokens. The Laika Protocol aims to solve this by introducing several solutions designed around long-term success, being future-proof and deferring price manipulation from bots and whales.

Scalable Automatic Liquidity Pools

Automatic Liquidity Pools are a great way to add stability by adding a tax and increasing the overall liquidity of the token. However, there are several issues with how Automatic Liquidity Pools work. The first one is that everyone is penalized the same, regardless of what amount they are trading. This means that someone who might be trading a small amount has to pay the same percentage of tax as someone that is trading a much larger amount, even though the overall impact of lower transactions is much smaller compared to that of higher transactions. This disbalance causes users with big holdings to easily manipulate the price of a token whilst punishing those with smaller holdings. Another issue is that bots are able to take advantage of higher transactions and quickly manipulate the price of a token before a regular investor is able to buy or sell.

The Laika Protocol solves this by introducing Scalable Automatic Liquidity Pools. This means that rather than there being a single set fee, the fee instead scales based on the amount being sold relative to the total circulating supply. In essence, the larger the amount that is that is being traded, the higher the fee and vice versa, the lower the amount, the cheaper the fee.

Maximum Transaction Limits

Another issue with many deflationary tokens is that those with bigger holdings are still able to manipulate the price, even with higher transaction fees. To solve this, the Laika Protocol is also introducing a limit to the maximum amount of Laika tokens that a holder can trade in a single transaction, which can not exceed more than 0.5% of the total current circulating supply. This means that even if someone with bigger holdings was willing to pay extra to buy or sell Laika,they would have to make several trades for smaller amounts, reducing the overall impact that those trades would have on the price of the token.

Cross-Chain Integration

The world of crypto and DEFI is ever-changing. As new chains, projects, tools and solutions become available, the long term success of a project begins to depend on the ability to quickly adapt. An issue many first generation deflationary tokens experience with this is that they are not properly equipped and prepared for sudden shifts in trends. The Laika Protocol solves this by constantly expanding to various chains as they become available and utilizing bridging tools to ensure that the token is able to remain relevant and available to everyone at all times. To do this, the Laika team will be actively working with various other projects and developers to ensure that cross-chain and bridging solutions are quickly developed and implemented. The Laika contract will also be Time-locked, allowing us to upgrade the protocol when the time is right.

Tokenomics

- **Total Supply:** 1,000,000,000,000,000
- **Burned Dev Tokens:** 380,000,000,000,000 (38%)
- **Fair Launch Supply:** 600,000,000,000,000 (60%)
- **Community Funds:** 20,000,000,000,000 (2%)

Detailed Fee Breakdown

Laika employs several different functions such as Reflection, LP acquisition and Burns as well as automatically scaling tax between 0.5% and 20% based on how much the amount being sold is relative to the total circulating supply.

The scaling of the fee is as follows:

Transaction Fee	Amount Relative to Current Circulating Supply
2%	<= 0.001%
4%	<= 0.0025%
6%	<= 0.005%
8%	<= 0.01%
10%	<= 0.025%
12%	<= 0.05%
16%	<= 0.1%
20%	<= 0.5%

The fee is split as follows:

- 50% of the fee is redistributed to all holders
- 50% is split 50/50 half of which is sold by the contract into BNB, while the other half of the Laika tokens are paired automatically with the previously mentioned BNB and added as a liquidity pair on Pancake Swap

Security

The Laika Protocol will take several steps to ensure that the project remains secure in the long-term.

"Black Hole" Burn - All but 1% of all funds in the developer wallet will be burned prior to our presale, with the remainder being progressively Time-locked over a period of five years.

Fair Launch - Laika will have a small whitelist presale, immediately followed by a fair launch on DxSale with a higher hard cap, preventing bot manipulation and allowing everyone a fair chance to enter.

LP Locked - Liquidity will be locked in DxLocker for five years, ensuring that there are never any concerns with the future of the token.

Continuous LP Auto-Lock - All LP generated from trades will be automatically added and locked on the Pancakeswap exchange.

Contract Timelock - The contract will be Time-locked, ensuring long-term security whilst also allowing for upgrades to be made to the contract as new solutions become available in the future.

Developer Funds Timelock - The Community Funds are Time-Locked with 0.5% Locked for one week,0.75% Locked for one month and 0.75% Locked for six months.

A Next Generation Solution

With these changes, Laika aims to solve many of the issues that are currently negatively affecting the defi space, making it the first of it's kind second generation deflationary token that prevents price manipulation and ensures the long-term longevity of the project.

About The Team

Our team includes veterans from all areas of the crypto world including cyber security, design, marketing and other fields which allow us to combine our skills and deliver a project that can truly withstand the test of time.