

# FloraChain

Whitepaper V1.00

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## **Disclaimer**

This document is considered as the “Whitepaper” of the FloraChain project. FloraChain team reserves all the rights to change or update any part of this document or the project anytime.

# Introduction

FloraChain aims to build a game-changing decentralized ecosystem by leveraging blockchain and DeFi technology. FloraChain's decentralized ecosystem consists of Flora Blockchain, Flora Wallet, Flora Web Browser, Flora Yield Protocol, Flora Staking Pool and various official DApps such as Flora Locker, FloraSwap, Flora Farming Pool, Flora Bridge etc.

## Flora Blockchain

Flora Blockchain is a layer-1 blockchain powered by Proof of Work consensus. Proof of Work (PoW) is a consensus mechanism that is designed to make cryptocurrencies trustless and decentralized. Any decision regarding the network and upgrade is carried out by on-chain governance. With governance, miners can propose and vote for changes and network improvements. Flora Blockchain uses the "Ethash" algorithm for mining and verifying transactions.

Flora Blockchain is EVM (Ethereum Virtual Machine) compatible. Any application or smart contract that can run on Ethereum can also run on Flora Blockchain.

The native coin of Flora Blockchain is Flora coin (FLORA).

## Chain Specification

- => **ChainID:** 10500
- => **Block Time:** ~10 seconds
- => **Block Reward:** 5 FLORA
- => **Premine:** 5,000,000 FLORA

## **Flora Wallet**

Flora Wallet is a secure multi-chain wallet that is designed for millions of crypto users. Flora Wallet is a decentralized, non custodial wallet that allows users to own and control the private keys to their cryptocurrencies. Flora Wallet is rich in useful features such as custom network, custom token and NFT support, portfolio tracking, price alerts etc. It can communicate to DApps through Web3 technology - that means it can be used in any kind of DApps such as DEX, farming and staking pools, launchpads etc.

## **Flora Web Browser**

Flora Web Browser is an application for browsing the internet that is specifically designed for the crypto community. It provides support to crypto related tools, websites and has a built-in crypto wallet. Flora Web Browser has a user reward system that works as an incentive for using the browser - users can earn Flora coins for using the browser.

# Flora Yield Protocol

Flora Yield Protocol is a special yield program that lets users earn stablecoin USDT by staking a special token - Flora Yield Token (FYT). The method of generating and sustaining yield of the protocol was invented by FloraChain's founder. He invented the concept of "Positive Yield Loop" and is currently experimenting with it in Flora Yield Protocol. The protocol raises capital by selling FYT in a controlled manner. Yield is generated using the capital, converted to USDT and fairly distributed to FYT holders via staking pool. The APR depends on the total USDT balance of the pool. There are 2 ways to generate yield in the protocol and each of them has 50% weight in the system:

1. Mutual Fund System.
2. Positive Yield Loop.

## Mutual Fund System

Capital is actively traded and invested in various financial markets such as FOREX, Stocks, Metals, Commodities, Cryptocurrencies etc with proper risk management to make profit. Various strategies such as day trading, swing trading, short term and long term investments etc are used in this process. FloraChain also invests in promising new startups and crypto projects. The team releases a report on PnL on a monthly basis. 80% of generated profit is directly deposited into the yield pool as USDT and the remaining 20% profit goes to the treasury as system reserve. Funds in the treasury can be used to cover losses, reinvest or increase capital, buyback FYT and spend by the team if necessary.

## **Positive Yield Loop**

This method helps sustain the yield protocol, raise capital for the mutual fund, generate yield, balance FYT price and increase marketcap. A specific amount of FYT supply is allocated for this method. The system actively monitors market condition, price, and liquidity of FYT and systemically sells specific amounts of FYT in the market. This sale can happen once in every week or once every month or even once in 6 months - it totally depends on market conditions. This also doesn't mean the team is dumping tokens for no reason. Funds received from selling FYT is used to sustain the whole yield protocol and eliminate the risk of collapsing. 50% of the fund goes to the treasury and can be added to the main capital if necessary. And the remaining 50% fund is deposited into the yield pool.

**Stage - 1:** People buy FYT from the market to stake in the pool to earn USDT. This causes FYT price to go up.

**Stage - 2:** System sells FYT and deposits 50% money to the pool. Though the sale causes a decrease in FYT price but adding money in the pool increases the pool APR.

**Stage - 3:** High APR causes people buying more FYT to earn more USDT from the pool, thus repeating stage 1.

So this whole process is making a positive feedback loop and sustaining the protocol.

## **How Yield is Distributed**

Flora Yield Protocol leverages DeFi technology and smart contracts to distribute yield. Any yield generated for the protocol is deposited into the pool contract as USDT. FYT holders can stake their tokens in the pool contract and earn USDT. Each FYT token can be seen as a share of Flora Yield Protocol. This ensures fair distribution of yield.

## **Yield Distribution Ratio**

Since the team works and investors provide money, both parties should have a fair take on the yield. Beside this, the investment capital should also grow else the yield cant cope up with token marketcap. So, instead of directly dividing the yield, we have set up a staking based distribution. Team holds 20% of the tokens that are used to participate in staking. From the mutual fund 20% yield and from the positive yield loop 50% yield goes to the treasury.

## **Exit Policy**

Flora Yield Protocol aims to be the highest paying crypto yield protocol and has no plan to exit unless forced to do so. In case of a black swan event or something like that where the team is forced to shut down the protocol, the team will withdraw their staked tokens from yield contract and burn them. Then they will deposit 50% of total protocol holdings converted to stablecoins in the yield contract from where the investors / token holders can get a portion of their investment money back.



## **FYT Tokenomics**

=> **Token Name:** Flora Yield Token

=> **Ticker:** FYT

=> **Max Supply:** 100,000 FYT

=> **Presale:** 20%

=> **Initial Liquidity:** 10%

=> **Team:** 20%

=> **System Reserve:** 50%

## **Flora Staking Pool**

Flora Staking Pool rewards Flora coins for staking Flora coins. Staking works as an incentive for holding Flora coins in the long term. There are 2 types of staking pools:

1. Regular pool.
2. Tiered pool.

### **Regular Pool**

Any amount of Flora coins can be staked in this pool. This pool has lower APR compared to tiered pools.

### **Tiered Pool**

Tiered pool has specific tiers for staking, for example 10,000 FLORA, 50,000 FLORA, 100,000 FLORA etc. The higher the tier is the more APR it has. The amount of Flora coin is fixed in each tier.

## **Flora Locker**

Flora Locker is a free DApp where people can lock tokens and liquidity for a specific amount of time. The locker doesn't charge any fee for locking.

## **FloraSwap**

FloraSwap is an AMM Protocol on Flora Blockchain where people can trade any FRC20 tokens and provide liquidity.

## **Flora Farming Pool**

Flora Farming Pool rewards Flora coins for providing liquidity in certain pairs in FloraSwap.

## **Flora Bridge**

Flora Bridge connects Flora Blockchain to other blockchains. Users can transact tokens, NFTs between different blockchains using the bridge.