Tea-Fi Whitepaper

Private Decentralized Finance

Contents

Abstract

Tea-Fi is a comprehensive DeFi hub that prioritizes user privacy and convenience with zero-knowledge technology for secure, anonymous transactions. It offers a wide range of features designed to simplify DeFi and make it accessible to everyone. Tea-Fi aims to drive the largest mass adoption the crypto space has ever seen by providing a seamless, all-in-one platform for all your decentralized finance needs.

Tea-Fi is the first decentralized finance platform to provide full privacy. Tea-Fi provides a privacy-preserving EVM blockchain solution leveraging zero-knowledge proofs. Tea-Fi allows people to have privacy while maintaining the security and trustless nature of the blockchain. Tea-Fi delivers a fully compliant solution for regulatory requirements, without compromising crypto users' right to privacy.

Overview

Tea-Fi is a private decentralized finance app that preserves the privacy of people's transactions using a zero-knowledge protocol. Through Tea-Fi, people can exchange any of the listed token pairs, or wrap coins to swap coins from other supported blockchains. The Tea-Fi wrap holds the wrapped tokens within a smart contract to provide actual, decentrally stored backing of the tokens being exchanged and yields on wrapped tokens.

Tea-Fi provides a complete digital asset management suite of services in a privacy-preserving manner.

The services provided by Tea-Fi include:

- Easy onramp to crypto and purchase of crypto with fiat currency.
- Decentralized exchange (DEX) services.
- Liquidity pools.
- Gas Fee Top-and-Swap (automated swap and payment if a user doesn't have the correct currency for gas fees)
- In-wallet customized names (domains) for easy interactions with others.
- Self-custodial wallet with optional key custodianship (login with password).
- On-chain and cross-chain token swaps.
- Automated decentralized arbitrage pool
- Customizable Dashboard with a "mimic" feature to mimic the look and feel of popular exchanges.
- Staking and Loyalty rewards
- Bridges and Synthetic Assets
- Debit cards for easy offramping to fiat currency.
- Integrated discount shopping experiences with e-commerce partners.
- $TEA Token rewards on shopping with the top e-commerce websites.

Tea-Fi provides multiple income streams on its native asset, the $TEA token, through a variety of services offered.

Tea-Fi emphasizes its innovative tokenomics models for the $TEA token. The founding team members are long-time DeFi and tokenomics experts who prioritize the long-term sustainability of the project through innovation in aligning the token holders' interests with the interests of the ecosystem as a whole. Through multiple mechanisms that combine both inflationary and deflationary token mechanics, Tea-Fi demonstrates exceptional value for all types of participants: token holders, market makers, and platform users.

Background

Privacy: The Cornerstone of Financial Activity

The blockchain industry has evolved with an emphasis on transparency, yet when it comes to financial transactions, people want privacy. Privacy is a basic need in the financial world. The need for privacy ranges from wanting to hide your wealth from thieves to hiding your frivolous memecoin bets from friends who will make fun of you.

In a more practical sense, privacy is necessary for the system to function optimally. Frontrunning and corruption of the MEV system can be caused by too much transparency about how people have set up their future trades. Democratic voting in DAOs is dependent on people feeling assured of their privacy. Finally, people simply do not want all of their transactions exposed, and the general public does not want to onboard a system where every transaction could be known to anyone in the world.

Privacy appeals to two main audiences: current crypto traders who are tired of having their wallets exposed to the world, and people who want to get into crypto but want to maintain their privacy. To address these different markets, applications need to provide a variety of features. First and foremost is the user experience. Experienced traders want self-custody. New users want an easy login. Experienced traders wish to have dashboards that are familiar with the interfaces they already use. People who are new to crypto need an interface with more explicit information and ease of use. The ideal privacy-preserving DeFi app will cater to both audiences.

Defi: Access to Digital Assets for Everyone

The "Crypto Natives" are accustomed to having multiple wallets for different types of blockchains. They are accustomed to using multiple different exchanges, using bridges across layers and blockchains. But none of that makes any sense to the average person.

To "bring DeFi to the next billion users", it's necessary to create a decentralized finance platform that is similar to traditional finance (TradFi) platforms. When users log into the app, they want to see all of the relevant information in one place: assets, interest-bearing accounts, debit cards, trading, and other available financial services. They don't want multiple logins and difficulty finding the best price for a trade. Financial inclusion shouldn't make it difficult for the average user.

Creating one application that brings in the best of DeFi is the goal for any wallet or application targeted at regular users. That's why Google Pay and Apple Pay have become so popular. One application can be used across multiple websites. It's time Web3 applications take a similar approach, making it seamless to move across activities such as trading, swapping, transferring, earning, and purchasing. Anything someone can do from their Web2 trading or banking app should be available inside a Web3 DeFi app.

Decentralized Exchanges: The cornerstone of crypto trading

Decentralized exchanges (DEX) provide liquidity for crypto assets through connectivity to Automated Market Makers (AMMs) who provide liquidity to trading markets through Liquidity Pools (LPs). LPs provide earning potential to the AMMs without being beholden to any centralized company. Centralized exchanges dictate liquidity conditions, which limits the types of Market Makers who can participate in Liquidity Pools, and also restricts some tokens from being listed. Using a DEX allows market makers to determine the conditions by which they will offer liquidity, using a smart contract. It also allows the market to create the optimum price based on the real market demand, the risk market makers are willing to take, and the velocity of the tokens in the pools.

Decentralized Exchanges are an important alternative to Centralized Exchanges (CEX) such as Binance, CoinBase, and other exchanges, because they preserve the fundamental purpose of blockchain: the ability for people to have full agency and control of their funds. Centralized exchanges maintain user accounts and have the private keys of all of the wallets in the exchange. The user doesn't actually hold their own funds, which is why the industry has seen scandals such as that with FTX, where the centralized exchange was using the funds for their investment, unknown to users. While most of the centralized exchanges are managing funds properly, the fact that they are centralized opens them up to other vulnerabilities. If one of them went bankrupt, for example, the funds could be compromised, similar to bank deposits, but without the insurance to back it. Similarly, exchanges might be restricted or illegalized by the jurisdictions where they reside. Finally, they are subject to attacks and hacks. All of these disadvantages have resulted in the development of many decentralized exchanges across the industry. Every blockchain has its decentralized exchanges. Because of the importance of holding your own keys, many DeFI users prefer to use a DEX, which allows them to maintain full control of their funds.

DEXes are the optimal structure for free markets for several reasons. Firstly, they allow direct transactions within the market, eliminating middlemen and rent-seeking by centralized exchanges. They can also reduce arbitrage and other unnatural activities on the network. Secondly, they eliminate corruption such as the industry has seen with FTX and other centralized exchanges. A DEX does not hold the funds of the users but just provides them the ability to swap. This reduces the custodial liability for the DEX and eliminates corrupt practices and opaque transaction fees and exchange rates. Furthermore, decentralized exchanges are more secure because they do not hold user funds. The users hold their own funds, and therefore there is no honey pot for funds, nor is there a honey pot for data, because users connect with their wallets and the exchange holds no user information.

A DEX is an important element for the financial health of any token economics system, therefore any chain with an independent token should have a DEX that can run on that blockchain. Different solutions for AMMs and DEXs distinguish themselves in different ways:

- Flexibility of parameters for the AMMs to control their liquidity pool contracts.
- Configurability of transaction fees.
- Multichain interoperability.
- Governance structures (DAO governance or other governance).
- Different types of Staking structures.

To date, none of the DEX technologies have offered private swaps or other zero-knowledge or selective disclosure capabilities. The only way to get some level of privacy was to use centralized exchanges. Of course, the problem with centralized exchanges is that they require KYC (identification using government-issued documentation) and the exchange itself has full access to the person's transactions. In other words, until now, people have been deprived of the right to privacy when it comes to their investments and crypto transactions.

Furthermore, DEX solutions tend to concentrate on only one ecosystem, meaning that it is difficult to exchange across different blockchains through the existing DEXes available. There is a place for a system that will be truly cross-chain and allow any blockchain coming into the market to immediately leverage a DEX solution.

The Tea-Fi solution

Tea-Fi solves the privacy problem, restoring people's basic rights. By implementing Zero-Knowledge Proofs (ZKP) and other types of Zero-Knowledge (ZK) technologies, it is possible to provide fully private solutions on the blockchain. Tea-Fi DEX will be able to provide privacy capabilities that have eluded other DEXs.

Tea-Fi introduces innovative products into the DeFi space. For instance, our gas fee deduction feature allows users to pay fees using various crypto tokens, ensuring users never run out of gas. Our liquidity pools cater to market makers and yield farmers, offering abundant reward opportunities. With multi-chain support via wrapped tokens, Tea-Fi ensures seamless interoperability across blockchain networks. Diversified trading with synthetic assets is possible with the native token, $TEA, which includes Staking rewards and governance features, empowering users throughout their DeFi journey.

Tea-Fi Wallet

The Tea-Fi Wallet is an easy-to-use app running on a fully privacy-preserving blockchain that is fully aligned with regulatory requirements. The wallet is designed to have features that appeal to existing Degens, crypto natives, and blockchain enthusiasts, as well as easy-to-use features that can be used by the average person

The wallet includes:

- Holdings digital assets in the Tea-Fi wallet.
- Customizable Dashboard with “mimic” preset templates. The Dashboard allows the user to choose between familiar-looking interfaces that mimic those of major exchanges or create and customize their own dashboard to fit their needs and preferences.
- In-Wallet Domains: People can choose their own *.$TEA addresses for just $10 per domain, and use them in their $TEA address. Tea-Fi wallets also support existing blockchain name services such as ENS, while also providing the ability for people to choose their fresh nickname. Wallets can have only one *.$TEA domain address and it is not possible to sell or trade wallet domain addresses.
- Self-Custodianship by Default: The Tea-Fi wallet is self-custodial by default so that users can hold their keys.
- Alternative custodial options: for beginners who do not want to depend on their own ability to safely store a seed phrase and/or risk losing access to their funds due to a loss of said phrase, Tea-Fi will provide ease-of-access options such as Biometrics, Passwords, and OTP for a hassle-free experience.
  **It’s worth noting these ease-of-access options are less secure than using traditional recovery phrases. Further developments in that field may happen in the future.*

Tea-Fi Services

Tea-Fi’s Decentralized Finance Apps and Services are designed to be seamless and easy to use. The services provided will include:

- A Decentralized Exchange (described in the following sections)
- Auto Top-and-Swap: The Top-and-Swap feature pays transaction fees automatically, even when a user does not hold a blockchain’s native token in their wallet.
- Staking Rewards, as provided by any of the protocols in the system.
- Rewards and Loyalty Staking, as described in the Tokenomics section.
- Automated Decentralized Arbitrage Pools: Tea-Fi establishes a Liquidity Pool among the existing Wrapped Tokens within the ecosystem. The Arbitrage Pool is the first stop for all trades, meaning that when liquidity is available, traders receive even better rates than those available on Decentralized Exchanges and Aggregators. Liquidity Suppliers and Market Makers can add liquidity to the Arbitrage Pools and reap rewards.
- In-app purchasing of Market-Sectoral Index Funds and various other crypto-assets..
- A Lending protocol to be integrated.

Tea-Fi will continue to develop and provide additional services in its DeFi suite of tools. Our vision of bringing crypto to the masses means that the suite of financial services should be ever-growing and enhanced to fit the evolving wants and needs of the average retail consumer.

Integrated Shopping and Rewards

Tea-Fi has partnered with e-commerce experts to provide discounted shopping for some of the world's largest retailers in-app. Not only will Tea-Fi users be able to use their digital assets to pay for shopping, but they will also receive cashback rewards ranging from 1%-10% of their spending, to be paid in $TEA tokens.
LG, Lenovo, Champion, Dell, Hotels.com, and Expedia are just a few examples of the major retailers to be included in the discounted shopping section of the Tea-Fi app.

Auto Top-and-wap

Bridging and swapping tokens can be a barrier for regular users who are simply trying to make normal transactions on the system. The Tea-Fi wallet extracts the functionality of transaction fees, making it easy for users to perform any on-chain action without worrying about the transaction fee underlying the token. The Top-and-Swap feature pays transaction fees automatically, even if the wallet does not hold the tokens in which transaction fees are charged in their wallet. When that happens, Tea-Fi automatically swaps $TEA for any token that's needed, so trades are seamless.
In instances where a user doesn't hold $TEA nor the blockchain's native token relevant for fees, Tea-Fi's Top-and-Swap mechanism allows users to choose the "Fee Deduction" option, utilizing tokens from within the relevant transaction and automatically swaps them for $TEA, which is then swapped for the coverage of fees, as described above. Tea-Fi also allows its users to generate a full report of their transaction fees in any currency they want, so they can have a full and easy-to-track record of their blockchain-related expenses.

Mimics and The Customizable Interface

Tea-Fi recognizes that moving across different platforms within crypto and finance applications can be confusing for regular users. Therefore, the DEX includes a unique "Mimic" system that allows users to choose between a selection of major DeFi and CeFi applications and automatically provides a user interface that mimics the application the user is used to. The list of Mimic templates will expand gradually, based on user surveys and demand.

Staking and Rewards

As described in the Tokenomics section, Tea-Fi includes a variety of breakthrough Staking and Rewards Programs for its users. Stakers can earn Loyalty Points, accumulate yields from various DeFi protocols, and earn rewards for the successful completion of missions distributed by the Tea-Fi protocol. All of Tea-Fi's Staking and Reward models are designed to be easy for both crypto-natives and regular users.

Automated Decentralized Arbitrage Pools

Aiming to make it easy for anyone to earn crypto yields, Tea-Fi builds a liquidity pool of Wrapped Tokens existing within the ecosystem. The Arbitrage Pools are the first stop for all trades made on Tea-Fi, meaning when liquidity is available, traders may get even better rates than those available on other decentralized exchanges and aggregators. Liquidity Suppliers and Market Makers can add liquidity to these Arbitrage Pools and reap rewards.

Index Funds and Crypto-Asset Purchases

The Crypto asset class is broad and offers people a variety of opportunities to stake, trade, and invest in different sectors and industries. For example, sectors such as Distributed Computing, Artificial Intelligence, and Gaming are sectors that are represented in the startup ecosystem of Web3. People with an interest in specific sectors may want to purchase Index Funds that include these different verticals. Similarly, different types of NFT collections may represent a particular genre or sector. The Tea-Fi application will make it easy for participants to purchase cross-sector and vertical-oriented index funds that represent a variety of tokens in the areas of interest to the user.

Lending Protocol

Peer-to-peer lending has long been one of the most talked-about practical applications of lending. The ability to cut out middlemen, use cryptocurrencies as collateral, and implement other financial capabilities has been developed by multiple projects within the blockchain space. Tea-Fi will be developing an appropriate protocol that will provide peer-to-peer opportunities for lending and other types of services that reduce overhead and leverage the power of the blockchain. In addition, 2 innovative features that will make Tea-Fi's Lending stand out are TeaClub-based uncollateralized loans and collateralized credit lines, both will be detailed in future versions of this document.

$TEA Club

The $TEA Club will be a tier-based Loyalty rewards system that rewards users based on their participation in a variety of activities within the Tea-Fi ecosystem. From staking to providing Synthetic Asset liquidity or even bring-a-friend campaigns, the $TEA Club will reward long-term participants above those with larger amounts but who join for a limited time. In this way, the Tea-Fi protocol will encourage even those with small amounts of funds to stick with the Tea-Fi dApps for the long run. The purpose of the program is to encourage the alignment of people's long-term interests with the long-term interests of the protocol. Long-term loyalty will provide participants with more merit in the program as well as participation in the profit-sharing pool.

The Tea-Fi DEX

The Tea-Fi DEX is a fully private decentralized exchange developed for the Tea-Fi app. As a DEX, Tea-Fi serves Market Makers, Yield Farmers, Liquidity Pool Users, Token Traders, and $TEA holders. The DEX includes a range of features designed to serve the different types of the ecosystem's participants.
Considering the needs of all users ensures the long-term viability and sustainability of the Tea-Fi system.

The Tea-Fi DEX includes the following features:

- Direct peer-to-peer token swap
- Privacy-enabled trades and liquidity
- Trading discounts for $TEA token holders
- Individual pool creation for market makers and individuals
- Underlying assistance through the native $TEA token
- Native EVM swaps
- The ability for participants to join a Liquidity pool, staking their tokens, and enjoying the yields available
- Advanced liquidity oracles
- Weekly bonus raffle for significant rewards to token holders
- Built-in multi-chain swaps through token-wrapping technology

Technology

DEX Infrastructure

The Tea-Fi DEX is and will continue to be following best technology practices in the industry, using technology based on forking Uniswap v3.0 protocol as a basis for the platform. Tea-Fi ensures the best-in-breed technology based on lessons learned over the past years in DeFi and DEX technology. As technology evolves, new solutions might develop, Tea-Fi remains determined to evolve with them and always remains flexible to ensure the cheapest, safest, and easiest user experience.

$TEA Wrapping for Synthetic Assets

The privacy of assets in the Tea-Fi system is maintained by Tea-Fi's asset wrapping, which includes a fully decentralized wrapping technology. Through a partnership with Kima (Kima.finance), Tea-Fi provides wrapping of all assets with a tentative 0.15% swapping fee, capped at a maximum fee of $100 per transaction.

Compliant Private Security (CPS)

Tea-Fi provides privacy technology in a legally compliant way. The CPS protocol allows all transactions to be completely private whilst honoring the principles of decentralization and allowing for all users to hold their keys and tokens without needing to trust a centralized platform. At the same time, compliance mechanisms are also implemented into the CPS protocol to ensure all user activity complies with the legal requirements of their jurisdictions.

Compounding Fees

Similar to Uniswap v2, Tea-Fi offers compounding transaction fees. With compounding fees, the fees are automatically compounded into the liquidity pool. This means that for every swap, the fee will go back into the pool, increasing the position value and overall pool liquidity. When users are removing their liquidity positions, Fees are collected with the liquidity.
Unlike the current version of the Uniswap protocol, Tea-Fi prioritizes the financial viability of the chain and the financial benefit of token holders and liquidity providers. To that end, compounding fees are considered an important feature that would remain in the protocol.

Governance

Tea-Fi will launch a partners committee with a trusted development and management team in cooperation with blockchain partners. The partner's committee will act as Tea-Fi's initial DAO, with the intent of establishing an actual DAO built by $TEA token holders in the future. The future DAO will integrate standard DAO functionality, as proven to play a major part in the success of decentralized protocols in the DeFi space in the past.

Oracles

As the first DEX with a fully privacy-preserving solution, Tea-Fi relies on both on-chain and off-chain oracles to obtain the best available quotes for token swaps. To provide fair pricing of the coins on the DEX, Tea-Fi will poll all available information on each pair swap, taking into consideration the current price, liquidity, and the number of liquidity pools of that specific pair.

Liquidity Model/Implementation

The Tea-Fi protocol uses a liquidity model similar to that of Uniswap v2, as described in their Whitepaper.

Multi-Chain (Wrapped Tokens)

To create Multi-Chain interoperability, the Tea-Fi Protocol offers built-in wrapping capabilities for Ethereum and ERC20 tokens in its initial release. Future versions will include wrapping for other blockchains such as Bitcoin, Cardano, Tron, etc.
Supported tokens can be deposited in Tea-Fi's bridging protocol and underlying tokens are held by smart contracts that store the tokens safely.

The core tokens are staked in standard liquidity pools for those tokens, providing yield as an income to the Tea-Fi protocol. Over the first 6 months from the launch, the Tea-Fi protocol will add support for token pairs to $TEA from the following blockchains:

- Ethereum
- Solana
- Cardano
- Polkadot
- Avalanche
- Near
- Tron
- Doge
- BSC
- Polygon

When someone chooses to swap tokens from another chain, they are wrapped and then the swap occurs. The Tea-Bridge protocol offers minting capabilities to allow people to perform swaps with tokens that are not native to the same blockchain. This cross-chain capability, with low transaction costs, is a unique feature of the Tea-Fi solution. The wrapped tokens are always held in their original form on the bridge so that they can be unwrapped and redeemed at any time.

Tokenomics

$TEA tokenomics prioritize long-term viability with a balanced inflation/deflation model, including buyback and burn mechanisms through exchange fees and wrapped token yields. Staking rewards incentivize token holding and participation.

Token utility

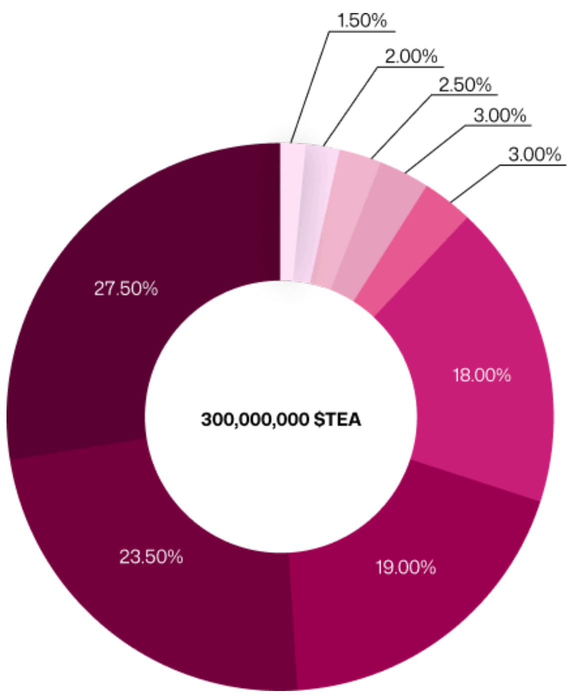
The $TEA token is the underlying asset for the Tea-Fi protocol. $TEA will be released as an ERC20 token.

The $TEA tokens can be used as follows:

- Liquidity pool pairings
- Payments for Fees & Services
- Fee discounts
- Dynamic staking
- Tier-based profit-sharing model
- Governance
- Network incentives

Token issuance

- Total Supply: 300,000,000 tokens
- VCs Sale: 3.00%
- Launchpad Sale: 1.50%
- Community Sale Option: 18%
- Founders: 2.00%
- Extended Team: 2.50%
- Airdrops: 3.00%
- Ecosystem (Grants / Partnerships / Incentives / Bounties): 19.00%
- Treasury (Expansion / Future Development): 23.50%
- Liquidity (Exchanges / Market Maker / Token Performance / Liquidity Pools): 27.50%



Deflationary and inflationary mechanisms

The $TEA tokens will follow an inflationary/deflationary model with steady issuance of tokens and variable burn rates based on usage and network adoption.

- Every week, there is an issuance that will annually add up to a 5% "inflation" based on the total supply.
  In other words, the weekly issuance will be:

144,000 = 2.5% (half of the inflation) is used as staking yields. Note, that this is not precisely 2.5% because of the burning and token issuance mechanisms. The percentage can vary but the number of tokens does not vary for the staking yields. Depending on the percentage of people who are staking. If all tokens are staked, that is a minimum of 2.5% APR (If half are staked, it's 5%, etc.) The $TEA token uses an innovative mechanism that eliminates the need to have a lock-up period for tokens. One of the key attributes of crypto-assets is their liquidity. Therefore, Tea-Fi wanted to provide the maximum liquidity while also providing a staking APR that is appealing for producing returns on the tokens being staked. Therefore, there is no lock-up period required to achieve yield on $TEA, providing the same conditions for all staked tokens and constant liquidity along with a shared APR that allows $TEA holders to accumulate tokens[1]

  - 144,000 = 2.5% is used to benefit network participants in activities, such as the lottery for wrappers. Similar to the above, the 144,000 tokens issued may not

[1] Withdrawal of funds can take up to 14 days

be precisely 2.5% due to the changes in the tokens on the market.

- 50% of the exchange fees are used to buy back and burn $TEA tokens.
- 50% of the wrapped tokens underlying assets' yields are used for $TEA buyback and burn.

Therefore, it is expected that, on average, the token will be deflationary in nature. As people use the tokens for exchange fees and liquidity pools, the amount burned will exceed the amount minted each week.

The inflation rate is set to either 5 million tokens or 5% of total supply, based on whichever number is lower. In other words, if the token supply is more than 300,000,000 tokens, the maximum inflation will be lower than 5% because there is a maximum of 5 Million tokens issued annually. When the token supply is less than 300,000,000, the inflation will be 5%. This mechanism ensures a hard cap on the potential for inflation in the system, providing another level of assurance that the net issuance of the $TEA tokens will be deflationary based on transaction fees and the burning of tokens through the two deflationary mechanisms.
The weekly lottery will be a random raffle of all of the tokens issued to one wallet from those who have wrapped tokens in the Tea-Fi exchange. The chance to win is in proportion to the value of wrapped tokens using the Tea-Fi protocol wrapping capabilities. The lottery odds will be in proportion to the value of the wrapped tokens in their position. The amounts in locked tokens are calculated in $TEA.

Income from blockchain rewards

Tea-Fi will support multiple chains and protocols, focusing on networks that feature different incentive programs for dApps deployed on their blockchain. A number of new blockchains have emerged, providing gas fee sharing to those who build on their protocol, which will provide token issuers a revenue stream from future transaction volume. Tea-Fi will focus on partnering with those blockchains with incentivization models for partners and builders.

Income from partner blockchains will be distributed as follows:

- 60% to VIP stakers (Stake>1m $TEA) issued in the native chain's token and converted to $TEA
- 25% for platform development
- 15% for the buyback and burn of $TEA tokens.

Loyalty tokens yield

For the first two weeks of staking, staking rewards are based on the standard staking model described above. For every week of consecutive staking beyond those two weeks, $TEA stakers will earn an extra 1% on the percentage they are already getting, up to a maximum of 50% of the basic staking yield. To put things simply - after a full year of staking, a loyalty stakers reward will be 50% greater than the basic reward for short-term stakers of 2 weeks or less.

VIP token yields

To earn VIP token rewards, stakers need to have a minimum of 1,000,000 $TEA staked for at least one month.
VIP token holders will be granted:

- A proportionate share of the 60% of blockchain reward income in $TEA tokens.
- Loyalty token yields as described above (from day 1).
- Lower swap fees.

Shared fee model for synthetic assets

The Tea-Fi synthetic assets use a model of revenue sharing with the holders of the assets and the TeaSwap exchanges. Wrapping costs 0.3% with a maximum of $100 equivalent (to be finalized in the next version of the whitepaper). The income is split between the Tea-Fi organization and the asset owner.

Loyalty discounts

Tea-Fi offers lower in-app activity fees to those who hold $TEA tokens, either staked or held in their wallets.

Discounts on transaction fees are as follows:

- >1,000 $TEA: 10% discount
- >8,000 $TEA: 18% discount
- >50,000 $TEA 35% discount
- VIP Holders: 50% discount (the full amount of Tea-Fi's revenue share)

All revenue sharing is paid in $TEA tokens.

Economic sustainability (income) models for Tea-Fi

The Tea-Fi protocol has emphasized the long-term sustainability of the protocol and development team. Unlike blockchain teams that create systems that depend on the token price rising, the Tea-Fi team recognizes that a true business model means that the project will work during any market conditions. The cryptocurrency space is full of projects that have either had to make major staff cuts during bear markets or that have ceased to operate altogether. With that in mind, the Tea-Fi team has created a robust business model with ongoing income that will ensure the long-term sustainability of the project and the ability of the business to provide income for Continuing the development of the $TEA hub and ensure the long-term future of the Tea-Fi ecosystem.

Exchange fees

Tea-Fi exchanges will charge 0.25% of the exchange cost as the transaction fee.
The transaction fee will be utilized as follows:

- 50% Tea-Fi Company expansion and operation.
- 50% buy and burn $TEA Token for the deflationary model.

Wrapped tokens

Interchain interoperability for the Tea-Fi is provided by wrapping tokens within the Tea-Fi protocol. Token wrapping provides full privacy, ability to perform cross-chain swaps, an internal pool that can be used for the preferential arbitrage pool, and low-latency transactions. that people wish to swap within the Tea-Fi protocol. The base tokens are invested into lending protocols and liquidity pools on their associated chains.

Yields from wrapped tokens are utilized as follows:

- 50% team for maintenance of the Tea-Fi protocol
- 50% buyback and burn $TEA tokens.

Documentation and related links

Linktree

Uniswap V3 Whitepaper

Compounding gas

Collateralized vs Uncollateralized loans

Tech sheet- Will be added on a later version