

# LEAF

DeFi MADE SUSTAINABLE

WHITEPAPER v1.0.0

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## INTRODUCTION

Blockchain has rapidly become one of the foundations of the digital financial revolution. The **DeFi space** (Decentralized Finance), has seen its recent boom, becoming a multi-billion dollar industry. The cumulative value of tokens locked in DeFi applications has surpassed a milestone of \$1 billion. The fast-growing DeFi industry has outpaced the blockchain technology development itself, and is facing the same **hurdles** as most projects: ease of use, scalability, interoperability, and transaction costs.

Using and storing the funds is still a complicated task for most people, who feel scared about the responsibilities that the crypto world requires them to take. Furthermore, many potential customers still **don't trust** the exchanges and products out there, centralized and decentralized. Finally, there's still an intransigent minority for which the **environment issue** is a blocking factor, and don't like the idea of promoting products that are disrupting the planet with their use of PoW consensus algorithms.

It is with these values in mind that we created **LEAF, the first advanced asset management protocol**, which combines innovative decentralized functionalities with sustainability and fee minimization. The mission of LEAF is simple and clear: we want to give our customers and the entire crypto community an **easy to use protocol**

**for asset management**, through which their **savings will grow** over time and at the same time they can be sure of the **sustainability** of the network itself.

## **TECHNOLOGY**

The **architecture** of LEAF has been developed to serve as the **first layer** not only for the LEAF custody protocol, but also as a **gateway** for all people and companies interested in DeFi. With its cross-chain integrations, infact, basically any application will be able to join the decentralised finance environment in a **secure, scalable** and **sustainable** way. There will be no need for them to learn the technical specifications related to any native DeFi project.

The protocol includes a **decentralised cross-chain network**, which can be directly linked to the Ethereum blockchain, where the tokens and main contracts will operate. Transactions between the networks will be done in batches, using a **custom algorithm** for fee minimization. Users will be able to choose the preferred speed, at which they'd like their transaction to be processed. For fast transactions, no batching logic will be implemented. However, if the **“minimum-fee mode”** is selected, their transaction will be put in a group with other orders, and the entire batch will be confirmed on the blockchain at the same time, using the gas fee paid by one user at random and splitting the amount between all the participants. In this way, basically **anyone can send their crypto for free**, if we take into

account the automatic staking dividends earned through our DMCP protocol (more on this later).

To achieve and maximize decentralization, our technologic choice was **Tendermint's consensus algorithm**, which is based on byzantine fault tolerance. It allows byzantine fault by some nodes while ensuring a great network performance. It ensures consensus finality while avoiding the problems that can lead to forking, and moreover, it has a low impact, environmentally speaking.

Future implementations of the project will include a decentralized Proof-of-Stake blockchain (**LEAF Chain**) that will ensure the security of the LEAF protocol while minimizing the resource consumption of standard PoW networks. We always keep sustainability as one of our core values, therefore the decision to strive to create a PoS chain is straightforward. Without any doubts, this is the future of blockchain and the only solution that enables an harmonic relationship of this technology with our planet.

The **LEAF token** (ticker: LAF) will be a utility ERC20 token directly used to interact with the protocol and use all its products. The transaction fee is paid in LAF, that will be listed in the most common CEXs & DEXs, as well as earned through the **LEAF staking pool**. The more people will be interested in purchasing and using the asset, the more value will be incorporated into the project itself. LEAF holders can lock their possessions using the staking smart contract, in order to **maximise the earning potential** of their reserves and

leverage the power of compound interest. Stakers will receive up to 100% of the fees paid by users to operate with all the products, creating a circular and sustainable economy. It will be possible to lock the tokens from a minimum of 1 day to a maximum of 3 years, with the staking interest directly proportional to the locking period (50% to 100% of the collected fees). Staking will be available in the first version of the LEAF Application (1.0).

Our network uses the LEAF token as incentives for Nodes to ensure the proper functioning of the network. In the future, individuals or institutions will be able to also stake and vote via our LEAF token, in order to **participate in the network governance** while getting rewards.

## **PRODUCTS**

The LEAF project was born as an entire ecosystem of products and frameworks, all able to **interact** with each other. We have a strong roadmap in mind that will turn the protocol into one of the DeFi gold standards. Below a list of the main products:

The **LEAF framework** is the backbone of all our technology and will empower every product of the ecosystem. Its cross-chain network capabilities and decentralization standards will be guaranteed, as well as the fee minimization algorithm for asset transfers.

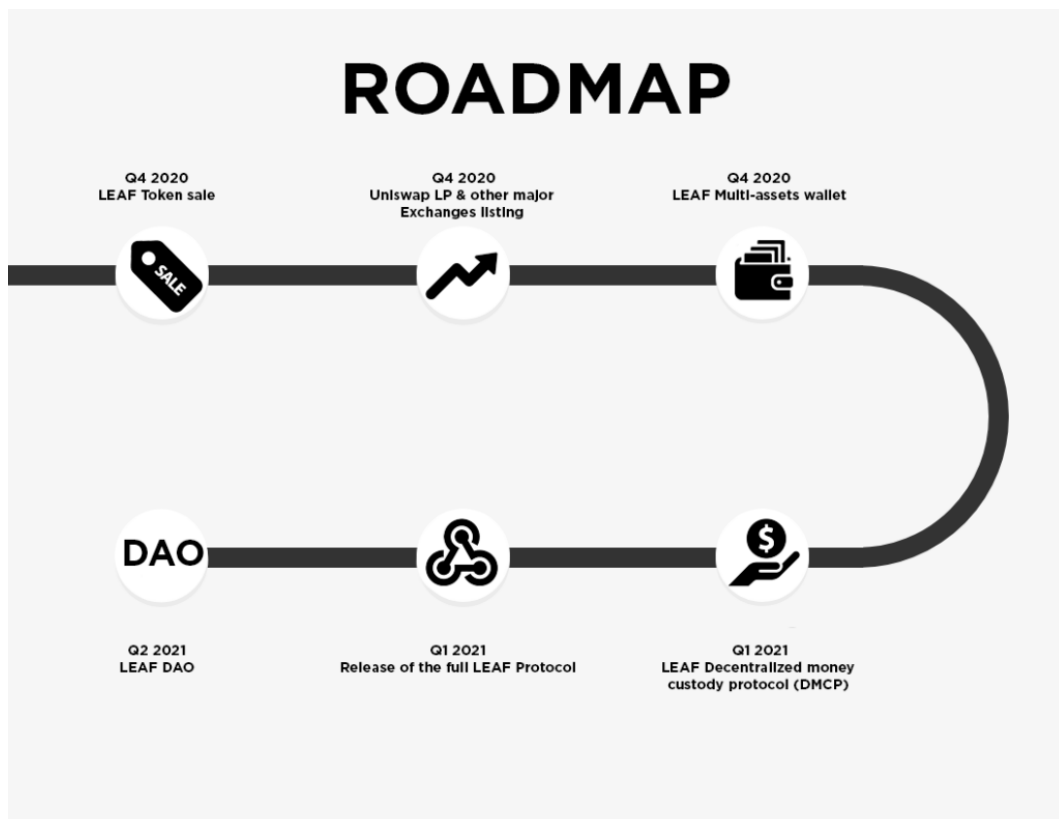
The **LEAF wallet** is based on the same technology that powers the main protocol, and supports all the integrated currencies and digital assets. All the most common transaction types and functionalities will be granted, and a strong **integration** roadmap is in place, which includes all the main lending products and DeFi most common applications in general. We're first launching a **Desktop and browser version**, while the mobile ones will come in a subsequent release. The wallet seed will be protected by a 12-words password like the most common solutions, guaranteeing the non-custodial capabilities and the needed security features.

One of the most disruptive innovation will be our **DMCP framework (Decentralized Money Custody Protocol)** that connects your funds to all the available lending protocols at once and maximises compound interest, thanks to a patented optimization algorithm.

The digital LEAF token is just the first step towards a more general and structured form of blockchain sustainable governance, the **LEAF DAO**. Leveraging an autonomous organization, LEAF holders could invest in different and innovative projects that match their core values, making sure that the revolution doesn't stop with the LEAF protocol itself.

## ROADMAP

We have scheduled an intense roadmap that will unleash the full potential of the LEAF technology. The critical **milestones** are detailed below:



**(Q4 2020) LEAF Token sale:** we'll issue an ICO to give investors the possibility to support the project and be part of our journey, as well as take advantage of the potential value creation of the company.

**(Q4 2020) Uniswap LP & other major Exchanges listing:** right after the token sale, we'll list the tokens on Uniswap (providing the starting liquidity to trade) and all the major exchanges.



**(Q4 2020) LEAF Multi-assets wallet v1:** shortly after the token listing, the first planned product will be released, our disruptive wallet application, together with the staking and lending protocols integration.

**(Q1 2021) LEAF Decentralized money custody protocol (DMCP):** this will be the key step towards LEAF superiority in terms of smart asset management.

**(Q1 2021) release of the full LEAF protocol:** upgrade capabilities to all the existing products, including the LEAF chain and multi-asset wallet.

**(Q2 2021) LEAF DAO:** the final step of the LEAF journey towards a sustainable blockchain framework, starting from here investors and users will be able to **take part** in the active management of the company and decide its future developments.

## TOKEN ECONOMY

The LAF token is the cornerstone of the protocol use and the basis for the entire economy behind LEAF DeFi. It's a **utility token**, meaning its possession is mandatory to use the various services included in the protocol. At the same time, given the potential of the project, tokens can be held if investors think **price will increase** due to a strong adoption curve. Here's how the overall supply (**5'000'000 units**) will be divided, including the pre-sale reserve.

**Protocol Reserve — 2 500 000 LAF (50%):** used for the ecosystem inner mechanisms, like staking, validators, DMCP rewards, and so on.

**Liquidity and Reserve — 1 000 000 LAF (20%):** funds reserved for liquidity needs (eg. on Uniswap) and exchange listings. Unlocked, but the address used for operations will be published so that it's always possible to audit its use.

**Team — 500 000 LAF (10%):** Locked using a smart contract that will allow the withdrawal of 2% of the funds every week, starting from the first protocol release.

**Marketing expenses — 500 000 LAF (10%):** reserve that will be used for marketing promotions like airdrops and social media buying.

**Public sale — 500 000 LAF (10%):** Unlocked and distributed to investors (few days after Uniswap listing) on a first come first serve basis (Google Form).

The sale will be held using a **Google Form first come first serve** basis, in order to prevent useless gas waste and bots. The total amount raised will be **800 ETH**, therefore pricing the tokens at **0,0016 ETH per LAF**. Right after the sale end we'll issue the trading pair on **Uniswap**, providing the necessary liquidity for a price of **0,0040 ETH per LAF**. For this purpose, 20% of the ETH raised and part of the Liquidity Token Reserve will be used, so that the trading price is guaranteed, liquidity will be locked immediately.

The trading pair on Uniswap will be issued right after the end of the sale, the unsold token (if there will be) will be burnt. All sale participants are going to receive their purchased token few days after Uniswap listing to prevent dump.

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## **RISK DISCLOSURES**

The risks described below, and or other additional risks presently regarded to be immaterial actually materialise, the commercial viability of the LEAF Protocol and its features and services may be materially and adversely affected and could result in the destruction of LEAF tokens and/or the termination of the development or operation of the LEAF Protocol and its features and services. LEAF Protocol and its associated ecosystem solutions are under development and may undergo significant changes before they are released or implemented. While the Company intends for LEAF Protocol and its associated ecosystem solutions to function as described in this Whitepaper, the Company may have to make changes to various features or specifications of LEAF Protocol or its associated ecosystem solutions. During the course of development, the Company may also run into difficulties including financial, resourcing or technical difficulties. This may create the risk that LEAF Protocol or its associated ecosystem solutions may not meet the expectations users may have and this may adversely impact LEAF Protocol, its associated ecosystem solutions and the potential utility of LEAF. While LEAF Protocol has a vision of making the LEAF solution fully autonomous with community decision making using transparent and fair governance processes, in order to increase protocol development speed and react faster to environmental challenges, some initial decisions will be made in a centralized manner. This includes decisions about token listings, protocol variable adjustments and industry partnerships. The products and services that are offered by

third parties through LEAF Protocol may be subject to applicable laws and regulation in the relevant jurisdictions and may create the risk of infringing such laws and regulations. This may negatively impact LEAF Protocol, its associated ecosystem solutions and the potential utility of LEAF. The sale and creation of LEAF and the development of its associated ecosystem solutions may fail, be abandoned or be delayed for a number of reasons, including lack of interest from the public, lack of funding, or lack of commercial success or prospects (e.g. caused by competing projects). LEAF Protocol, the sale of LEAF and/or its associated ecosystem solutions are based on blockchain technology which is still in a relatively early development stage. LEAF is intended to represent a new capability on emerging technology that is not fully proven in use. Any malfunction, flaws, breakdown or abandonment of the underlying blockchain technologies used by LEAF may have a material adverse effect on LEAF, the sale of LEAF and/or its associated ecosystem solutions. As the technology matures, new capabilities may dramatically alter the usefulness of LEAF or the ability to use or sell them. The functionality of LEAF is complex, will require enhancements and product support over time, and full functionality may take longer than expected. The full functionality of LEAF is not yet complete and no assurance can be provided of such completion. It is possible that certain jurisdictions will apply existing regulations on, or introduce new regulations addressing, blockchain technology, which may be contrary to LEAF and/or its associated ecosystem solutions and which may, inter alia, result in substantial modifications of the overall ecosystem strategy relating to LEAF and/or its associated ecosystem solutions, including

termination and the loss of LEAF. The tax treatment and accounting of LEAF is uncertain and may vary amongst jurisdictions. You must seek independent tax advice in connection with purchasing LEAF, which has the possibility of resulting in adverse tax consequences. The value of tokens or cryptocurrencies may fluctuate significantly over a short period of time as a result of various factors including market dynamics, regulatory changes, technical advancements, and economic and political factors. Due to such volatility, the Company may not be able to fund development of LEAF Protocol and/or its associated ecosystem solutions, or may not be able to maintain LEAF Protocol in the manner that it intended. It is possible, due to any number of reasons including, but not limited to, an unfavorable fluctuation in the broad cryptographic token market, decrease in LEAF utility, the failure of commercial relationships, or intellectual property ownership challenges, that the LEAF Protocol may no longer be viable to operate and the Company may dissolve or be wound up or face an uncertain or changing regulatory regime. Cryptographic tokens such as LEAF are a new and relatively untested technology. In addition to the risks noted above, there are other risks associated with your purchase, holding and use of the LEAF that the Company cannot anticipate. Such risks may further materialize as unanticipated variations or combinations of the risks set out above.