WHITEPAPER DOPOT.FI

INDEX:

1 – INTRODUCTION (ABSTRACT)

Dopot, acronym of "Decentralized Organization Part Of Technology", is an open-source platform of decentralized reward crowdfunding and equity, with MIT license, based on Arbitrum One.

Born in 2020, its main objective is to innovate and improve the way of investing in the world of reward crowdfunding and equity through cryptocurrencies, to simplify, increase and speed up investment processes for companies and investors. Decentralized reward crowdfunding is one of the new sectors that is presenting itself in defi; born from the union of two sectors in very strong growth in recent years, having noticed problems related to investment risks that could be solved with the help of operations deriving from cryptocurrencies.

the main problem encountered in traditional reward crowdfunding and equity platforms, which turns out to be a limit, is the fact of not being able to raise funds without having money: a lot of bureaucracy, a lot of information, long waiting times, and above all traditional payment methods do not provide security on investments. , therefore, many platforms require collateralisation of the capital that is to be collected as insurance; this takes away the possibility of many projects and people to be able to ask for money and realize their ideas, and by doing so many projects with great ambitions and a lot of innovation are stopped at the start, and many projects in

well-known crowdfunding platforms, after reaching the desired collection, have defrauded their investors, and more worryingly, traditional platforms have no refund system for defrauded investors. Dopot solves this problem by using smart contracts and their advantages; these have different mechanisms that allow a much safer investment than the traditional one.

This security derives from the fact that the money sent (in the case of dopot.fi, sending of DAI, stablecoin), is blocked on the smart contract until the project reaches the set goal; once the goal has been reached, the project can transfer the funds from the smart contract to its wallet, and it is not possible to transfer the funds if the goal is not achieved; Investors will be able to request instant redemption until 100% fundraising has been reached.

This system guarantees both parties the security of the investment. Once we at Dopot understood that this investment process was possible, we started developing and adding other features to make high-risk investments even safer.

Dopot.fi specializes in guaranteeing investments in Reward Crowdfunding and Equity. Obviously when it comes to "Investing Money", the first rule to know is that there is no safe investment, but our goal is to try to find a mediation between entrepreneurs and investors, then try to create a process that allows investors to invest with the greatest possible security on high-risk investments, and at the same time, offer the possibility to projects without liquidity, to request money, all with the lowest possible commissions and with zero bureaucracy.

Below we explain all the creation and the solutions chosen to create the dopot.fi platform.

2 - USE OF DECENTRALIZED SYSTEMS

The concept of Web3 is basically the evolution of the web we use today, which would go from using interactive platforms, such as social networks and other platforms to exchange data and information, to always using these types of sites but built on decentralized systems (Blockchain) .

So if in the web2 (today) we have the possibility to interact on the various sites, exchange information and more, on web3 we will have, in addition to this, a decision-making power and an even more active interaction, which leads to an almost total democratization, with the main benefit of being able to remove all intermediaries as in the case of using a web3 investment platform.

Or in the case of a social network, the web3 system would be able to remove the manipulation of our data by those who manage them, this possible thanks to the blockchain; so if in web2 our data were stored in a centralized server, and therefore managed and modifiable by the team that used it, with web3 the users data will be saved on the blockchain, and therefore the team that uses it cannot modify or manage that data, let alone see it because it is encrypted.

The decentralized systems used by Dopot are:

IPFS: on which the entire infrastructure is based, designed and created from scratch by the Team.

Push Protocol: an external chat protocol to ensure that at the time of investment, it is possible to send one or more messages to the company to write the address to send the reward to.

Aragon: an open source software on which the Dopot DAO is based, and therefore the entire governance part.

Proof of Humanity: a decentralized system that creates a trusted list of humans verified by a community, therefore a decentralized KYC.

Below we will delve into how it works.

To interact and create a web3 website is necessary to connect to the blockchain, and interact with smart contracts: these are software executed within a public environment, "the blockchain"; these programs can be open source giving a greater level of transparency, and have a certain level of security given by the Blockchain itself. By creating a financial platform on the Blockchain, it provides a secure, reliable and fast transaction security system, without intermediaries, and without discriminating against users.

These contracts are automatic and are signed through their own Web3 wallet, and in the case of Dopot they are signed through the Metamask (and others) wallet, a decentralized wallet, then managed and kept directly by those who open it. To interact with a smart contract of the blockchain is necessary to use a software called "RPC Node" which acts as a bridge between the web3 wallet (metamask). An RPC node can be run locally on your device (ensuring the incensurability of transactions), or more simply you can make use of one hosted by third parties; these are divided into public and private: the first, the public, are the most used and freely accessible, which also makes the most subject to slowdowns and inefficiencies there, while the second, the private ones, are dedicated and usually for a fee, or object of free trials with usage limits.

After explaining the innovative method to revolutionize the various traditional systems via the Web3, is time to explain where and how the data and information on the blockchain received by the smart contract are stored. To deal with this, dopot.fi platform uses IPFS, which connects directly to the arbitrum blockchain to save all the data that is entered on the platform, thus proving to be an efficient method to safeguard the privacy of users, even if sensitive data is not requested.

The Dopot team has studied and created from scratch the IPFS infrastructure that will allow the platform to be scalable over time. The code is open source with MIT license.

How it works? Loading data (projects and users):

The user loads data about projects or users into the application.

The application uses Pinata to pin the data to IPFS, obtaining a CID that is the unique hash of the content.

This CID is then stored in the Firestore database for later retrieval.

The data is also stored in the browser's local cache (IndexedDB).

Downloading data (reading):

When the user requests data about projects or users, the application first checks whether the data is available in the local cache (IndexedDB).

If the data is present and valid (less than 5 minutes old), it is returned directly from the cache.

If the data is not present or the cache has expired, the application retrieves the CID from Firestore, uses the CID to download the data from IPFS via Pinata, and updates both the local cache and the response to the user.

Since we are a decentralized platform, we have opted for "Proof of Humanity" as an identity verification method: a decentralized verification system external to Dopot that will guarantee the encryption and security of identities.

Identities of investors and creators who will be visible on each crowdfunding campaign; each creator and investor of a campaign will have their own address displayed in the fundraiser which will link to Proof of Humanity, this to guarantee a more in-depth study of the campaign.

Wanting to create a completely decentralized platform from start to finish, we found a very innovative solution to make the domain decentralized too; "Unstoppabledomains": a decentralized domain trading platform, thanks to it the domain will be present on the blockchain in the form of a real NFT.

After that it will have two domains that will lead to access to the platform: the NFT domain in question, which will be the main one, and a backup domain, the only centralization point (centralization in this case it is understood that the backup domain is located in a hosting traditional) which one could not do without: this is because decentralized domains are not natively supported by the main web browsers such as Chrome and Firefox, so in order not to exclude a part of users who would find it difficult to activate their support, is essential offer such an alternative.

To make it easier to use the platform, and above all to have a lot of security and features for users and community, Dopot relies on Aragon, to create the DAO (Decentralized Autonomus Organization).

Aragon in addition to offering many widgets and features, allows the development team to work in total transparency, so any liquidity movement or other will be under the eyes of the users.

This was one more reason for us to choose this solution, wanting to work in a safe, transparent and faithful way for the community.

3 – REWARD CROWDFUNDING

The blockchain allows, thanks to transparency and reliability, to complete complex financial transactions such as fundraising, so we have decided to exploit it to facilitate and make investments in "Reward Crowdfunding" even safer.

The approval of all reward crowdfunding campaigns will be done in the DAO by all holders of Dopot Tokens

How does it work:

In exchange for the investment (money sent), user will receive a reward represented onchain by a fungible token created directly by a project / startup, which he can then use to redeem the real reward when the startup is ready to provide it.

The procedure involves the conversion of the "fungible" token, which has the value of the investment, into a non "fungible" NFT token; when the reward is delivered, the NFT from that moment will simply represent participation in this event, and can be freely traded in secondary markets or stored in your wallet. If the user changes his mind and the goal has not yet been reached (100% collection), he can exchange the fungible token, and then ask for a refund, for the initial investment; while if 100% has been reached but the reward has not yet been sent, the token can be liquidated in any secondary markets.

Taking a practical example:

A smart glasses company creates a reward crowdfunding campaign, with a reward tier (1x smart glasses) which has a goal to reach, let's take as an example 1 million DAI to close crowdfunding: a user will have the possibility (as long as he does not arrive 100%, and therefore 1 million DAI collected), to deposit their DAI on the smart contract of that company; from that moment the company will provide that investor with a fungible token, of the value of the investment made, and until the fundraising is closed, you can ask for a refund of the token; as soon as the goal of the campaign is reached, the fungible token will be transformed into an NFT to all intents and purposes, and therefore no longer refundable, but sellable in secondary markets, this NFT can be an additional incentive to get people to invest if companies exploit the value, for example providing a benefit for all NFT holders such as a discount on the next product or exclusive participation in an event reserved only for owners of NFTs.
In the "Closed Crowdfunding" section, there will be all the campaigns that have successfully concluded the fundraising, and through these, it will be possible to purchase the NFTs from all the investors who have decided to sell.

Participants who will have the DAI still deposited on the contract until the goal arrives, will reiceve immediatly the NFT, and move on to the next phase, that meaning, waiting for the shipment of the reward.

How does it work:

The exchange of shipping data takes place in an encrypted and decentralized way via push protocol, in case of disputes the dao can collect information from the company and investor via push and decide whether to use the insurance funds to repay and in the future not to accept more projects from that company.
Obviously, to prevent fraud, this transaction between the parties necessarily requires a mediator who validates the work done on the reward by the projects and ensures that everyone receives what is promised and that fraudulent transactions do not take place.

Thanks to the blockchain, the decisions will be taken by the majority of the participants in the DAO, preventing one or a few bad actors from acting against the interests of the platform

Investments will be made in DAI, a stablecoin that keeps the value pegged to the dollar to prevent sudden price swings in fundraising. The fees for all Reward Crowdfunding campaigns is fixed at 4% and companies pay them with Dopot Tokens, divided into:

0,5% to the development team, 1% be added which will be allocated to the "after-sales guarantee fund" which will guarantee fraud against fundraising, 1% to the stakers that will stake tokens in the campaign, and 1,5% is intended to increase the liquidity present in the liquidity pool through the Swap And Liquify mechanism. Initially, this small percentage will not have much impact on the liquidity pool since initially there will not be many crowdfunding rewards. But in the long run this 1.5% fee that goes into liquidity will be fundamental for the stability of the liquidity pool.

For security, we remind you that a metamask wallet is designed to create only one crowdfunding campaign, and only one investment in a campaign, this is because even if it is simple and intuitive to create a new wallet, you can check via arbiscan, the aribtrum explorer, if there are suspicious transactions and token movements to make fraudulent transactions.
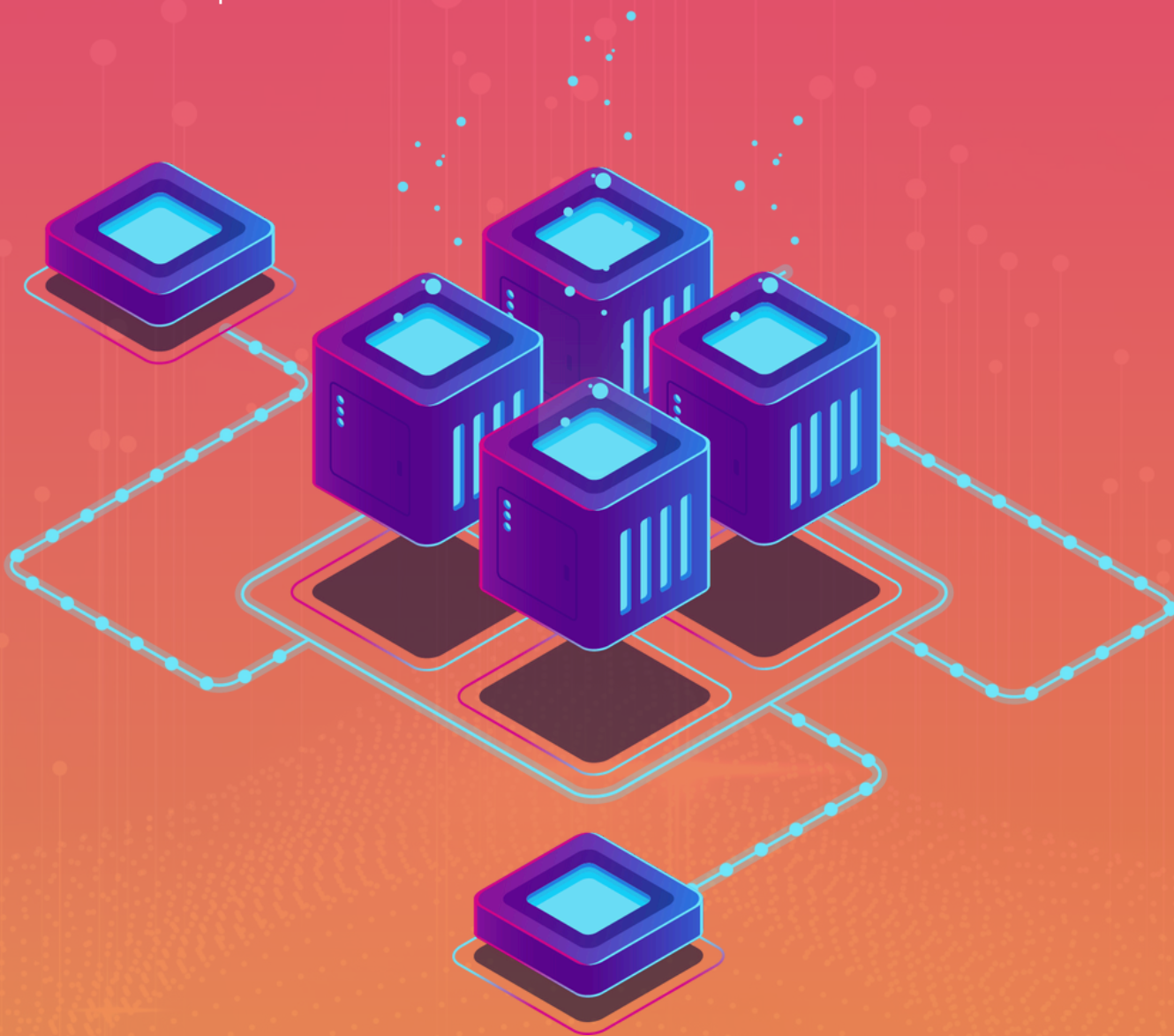
4 – EQUITY

The Equity section is still in the experimental phase for Dopot, and therefore not exactly at its best due to global regulations, which still do not make the use of a smart contract legal, but still ready to be used.
In addition to this, there is also the lack of decentralized KYC, because we need a decentralized KYC that is valid at an institutional level, and this is a very important point on which we must work for the equity section.

Unlike the standard equity, with traditional payments, long waiting times for notaries and receiving wire transfers, we have decided to create this section by exploiting the "DAO", which are essentially smart contracts, which companies will be able to create. Each startup or project has the possibility to create its own decentralized version through a DAO smart contract tailored to is needs. The main possibilities are those for users to invest in the DAO by depositing their investments, this becoming available to the startup / projects, and can be used as in the case of a wallet to acquire assets onchain (tokens, nfts ...) consequently making profits or losses. According to the pre-established rules, users can exit the DAO by withdrawing the deposited tokens or stay and use their voting power to contribute to future investment decisions: through this mechanism, users will have the same rights and duties as a traditional equity investor.

The launch of this DAO sees the startup offer within the platform an entry to it at a discounted price based on various tiers; obviously this procedure is not regulated. Following the evolution and foreign regulations regarding the legal recognition of smart contracts. Should there be any changes, it will then implement everything necessary to recognize to each investor their participation in a company in the State to which they rely; if so, an investor will have the opportunity to become a shareholder of a project / startup in click time, without notary costs and without bureaucracy, all through cryptocurrencies, and a smart contract that certifies everything.

5 – GOVERNANCE

For the "Governance" of the platform, the most effective solution we found was through aragon's multi-sig governance.

All the member that have Dopot Token can take part to the governance of the DAO, make proposal and vote, also vote to approve or reject crowdfunding campaigns

Activity and Loyalty: Activity of a user is very important for the life of a decentralized project, as his participation in good faith or in bad faith can change the fate of the platform, because users will have a very strong decision-making power in the aftermath. therefore a user who will be active for the community will be rewarded with gods.

Fidelity: it is closely connected with the activity, as a user can be very active but can also damage the Dopot services, creating disservices and malfunctions. In this case, all users who will be loyal and who will participate in the reporting of wallets and malicious users will receive advantages. Obviously, Advantages will also be reserved for those who participate in fundraising and those who contribute to the improvement of the codebase (bug bounties).

6 – TOKENOMICS (DOPOT TOKEN)

The Token is designed to function like Bitcoin, without private sales, pre-sales, or public sales. The absence of these sales events allows for a decentralized and transparent distribution, enabling anyone to acquire the token directly through the liquidity pool on Uniswap. This approach eliminates centralization and ensures that the token's value is not influenced by massive sales events or market manipulation.

The token is intended to be secure, inflationary, and scalable in the long term, with the goal of creating a stable economic system. Its growth and distribution are driven by mechanisms based on liquidity and the autonomous growth of the pool, which act as a price stabilization system. Each token purchase contributes to stabilizing the price, avoiding extreme volatility and the risk of value collapse.

This model ensures the sustainability of the token over time, focusing on a robust and autonomous ecosystem that benefits all users fairly, without relying on centralized sales or external manipulations. You can learn more about the strategy with the graphs on page 14.

FUNCTIONALITY: The main functions of the DP Token:

FEES: for all fundraising commissions are fixed at 4% paying in Dopot Tokens.
This 4% is divided into: 0,5% to the development team, 1% to the stakers who have staked the tokens on the campaign, 1% will go to the anti-fraud DAO treasury, and 1,5% for the swap and liquify of the liquidity pool on uniswap

EXTENSION OF FOUNDRAISING: for all companies that create fundraisers and do not reach 100% of goals, but exceed 51%, they have the possibility to extend the fundraising by 30 days, paying 4% of the sum at the beginning remaining in Dopot Token

Example: If a company opens a fundraiser of 100,000 DAI, and manages to raise at least 51,000 DAI, it can extend and reopen the fundraiser by 30 days by requesting the remainder, that meaning 49,000 DAI, paying 4% in advance, therefore the equivalent of 1960 DAI

COMPANIES STAKING: Businesses that have an open crowdfunding campaign can stake Dopot Tokens, and more Dopot Tokens they have in staking, more they go up in the homepage of the platform and have more visibility.
Also the investors can stake in a campaign to push the project in up on the homepage

INVESTORS STAKING: Investors who stake Dopot Tokens in a project they believe, and the project is successful and withdraws, 1% of the fees paid from the completed campaign goes to the stakers as profit

STAKING ON CAMELOT: Investors will have the possibility to stake Dopot Tokens on Camelot Exchange to get incomes

GOVERNANCE: All the member that have Dopot Token can take part to the governance of the DAO, make proposal and vote, also vote to approve or reject crowdfunding campaigns

Fast Liquidity Lock-> 12 000 000 DPT (10%)
This percentage of supply will be locked for a total of 120 days with a vesting that
unlocks 200 000 DPT every 2 days. These 200K DPT will be used to increase the
liquidity in the liquidity pool through the Swap And Liquify mechanism. The vesting period will increase if needed, as the use of these tokens is to stabilize the price, so it is all proportional to the purchases of the token by investors.

Slow Liquidity Lock-> 12 000 000 DPT (10%)
This percentage of supply will be locked for a total of 420 days with a vesting that will last 300 days and unlocks 200 000 DPT every 5 days. Also here the vesting period will increase if needed, as the use of these tokens is to stabilize the price, so it is all proportional to the purchases of the token by investors.

Exchange Lock-> 24 000 000 DPT (20%)
This percentage of supply is reserved to support listing on centralized exchanges. This is a 30-day lock, at the end of which the team will have to decide whether to
use the necessary funds for listing on a centralized exchange (if available) or
re-block the funds for another 30 days, and repeat this process until the funds run out.

Anti-Fraud Fund-> 12 000 000 DPT (10%)
This fund will serve to protect investors' funds from fraudulent campaigns. So that
in the event of fraud by the campaign organizer, Dopot.fi will still be able to
insure investors' funds, thus encouraging the use of the platform. The fund will
continuously be reinforced as 1% of the fees of each campaign will be allocated to this fund.
The fund will have a blocked part and an unlocked part distributed in this way:
● Unlocked Part: Funds necessary to cover the 2 largest campaigns active on the
platform.
● BlockedPart: The rest of the funds will be blocked in a lock that is unlocked every 10 days, at the end of which the team will have to re-block the necessary amount in order to always have in the unlocked part the funds necessary to cover the 2 largest active campaigns.

Treasury-> 36 000 000 DPT (30%)
This percentage of supply will be blocked for a total of 2 years and will be destined for future developments such as the equity section and any other projects. Every 30 days 1 000 000 DPT will be unlocked which will be used in the event of an emergency or an unforeseen expense. Otherwise these funds will be immediately re-blocked.

Team-> 18 000 000 (15%)
This percentage of supply is reserved for team members, it will be blocked for a total of 1 year and every 2 months 1 800 000 DPT will be unlocked. Team vesting has been introduced for emergencies, for example if the pool needs immediate funds to re-stabilize the pool price.
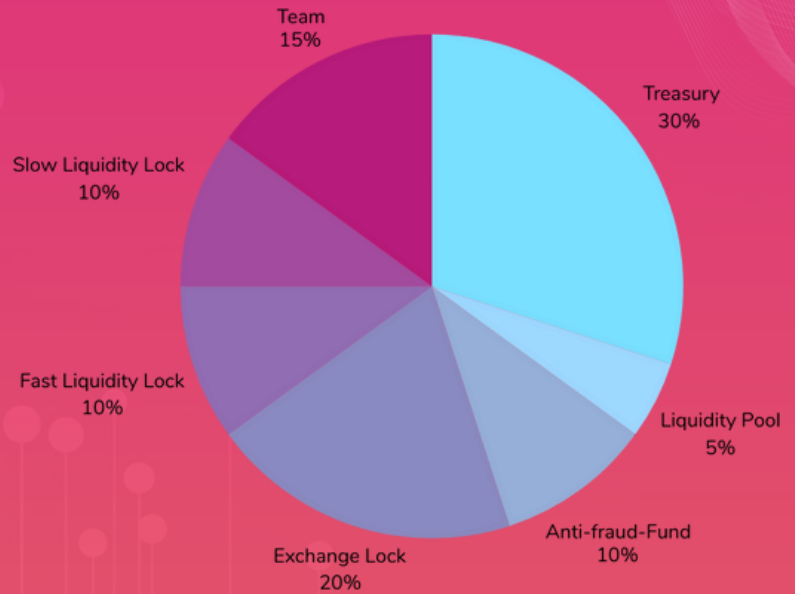If there are no emergencies, the team will re-lock the funds immediately.

Liquidity Pool-> 6 000 000 (5%)
This percentage of supply will be initially placed in the Liquidity Pool together with 500DAI. The
amount of tokens in the Liquidity Pool will then increase through the Fast Liquidity Lock,
Slow Liquidity Lock and the 1.5% Swap And Liquify

Tokenomics Strategy

The tokenomics strategy is divided into two phases and is designed to make the token scalable and the token's price inflationary in the long term, ensuring a price increase over time. The first graph shows the initial tokenomics.

First graph:
- Team 15%
- Treasury 30%
- Liquidity Pool 15%
- Anti-fraud-Fund 10%
- Exchange Lock 20%
- Slow Liquidity Lock 10%

Second graph:
- Team 15%
- Treasury 30%
- Liquidity Pool 5%
- Anti-fraud-Fund 10%
- Exchange Lock 20%
- Fast Liquidity Lock 10%
- Slow Liquidity Lock 10%

As mentioned, there are no private sales, pre-sales, or public sales. We want a secure and inflationary token for everyone, like Bitcoin, and therefore it will all be based on the Uniswap liquidity pool. As you can see from the second graph, the percentage of 'Fast Liquidity Lock' has been absorbed by the liquidity pool. This is because the percentage of 'Fast Liquidity Lock' is used for each acquisition of the token to stabilize the price and avoid extreme volatility and price collapse. Thus, we have studied in detail the procedure to follow, which you can request from the team.
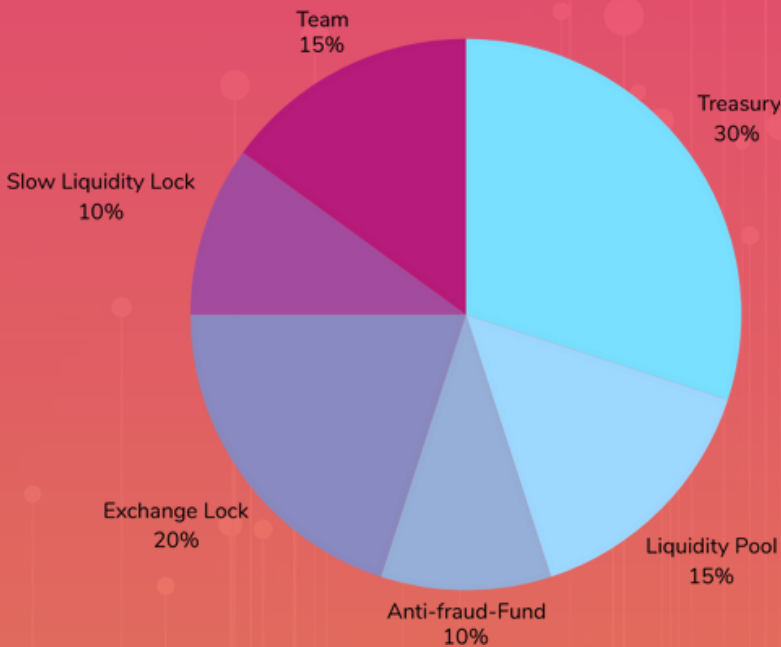
In the third graph, however, the percentage of the 'Slow Liquidity Lock' has also been absorbed by the liquidity pool. This is because this percentage is also used to avoid the collapse of the price with increases in liquidity in the pool, proportionate to the purchases. Once both liquidities have been absorbed, the pool will continue to function in complete autonomy.

Anyone who wants to buy an amount greater than the value of the pool (for example, if the pool has $500 and an investor wants to invest a larger amount, such as $50,000) will need to contact the team and follow a strategy created specifically for these types of investments, based on vesting, to avoid the collapse of the price. This strategy can also be viewed by contacting the team.

Third graph:
- Team 15%
- Treasury 30%
- Liquidity Pool 25%
- Anti-fraud-Fund 10%
- Exchange Lock 20%
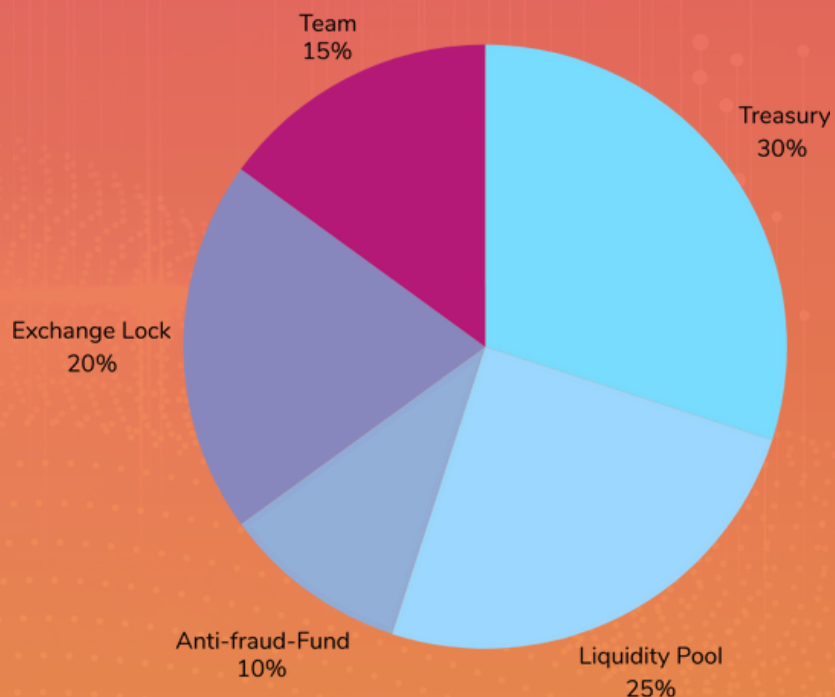
7 – ROADMAP

MERCURY PHASE:

Decentralized reward crowdfunding Launch & Liquidity pool opening

PHASE VENUS:

Listing on CEX

EARTH PHASE:

Decentralized equity launch

MOON PHASE:

Global Expansion and Mass Marketing

8 – TEAM

The decentralized reward crowdfunding platform was conceived and created by Tommaso Monica and Matteo Sferruzza, two professionals with a long experience in the tech industry, blockchain and digital innovation.

Tommaso Monica: the founder of dopot.fi, an innovative decentralized platform that aims to revolutionize the reward crowdfunding sector. With over 5 years of experience in the world of decentralization, Tommaso has acquired a deep knowledge of blockchain technologies, cryptocurrencies and decentralized protocols.
Throughout his career, Tommaso has worked closely with experts and pioneers in the sector, developing a strategic vision to create solutions that meet the needs of an increasingly distributed and secure ecosystem. His passion for blockchain technology, combined with a strong entrepreneurial mindset, led to the creation of Dopot, a project that aims to innovate, optimize, and improve the reward crowdfunding sector by offering a completely decentralized platform.
Before founding Dopot, Tommaso held several senior roles in other decentralization initiatives, accumulating practical know-how in implementing cutting-edge technological solutions. His long-term vision and ability to lead highly qualified teams are the assets that make him a leader in building a fairer and more transparent future for the reward crowdfunding and equity industry.

Matteo Sferruzza: the co-founder, Matteo is an experienced software developer with a solid experience in blockchain architectures, smart contracts and decentralized systems. He has worked with several technology startups and contributed to the development of innovative solutions in the fintech and web3 fields.
The development core of the platform is composed of a qualified network of freelance developers, selected for their experience in key areas such as blockchain, smart contract development, cybersecurity and user interface design. This network of external collaborators allows the team to respond in an agile and scalable way to development needs, accelerating the iteration and innovation process, without compromising the quality of the final product.

This flexible structure allows the team to focus on the long-term vision of the platform and strategic decisions, while the network of developers contributes continuously and specialized to the realization of the features and optimization of the platform.

Advantages of the Team Structure:

Consolidated experience: Tommaso and Matteo bring with them years of experience in technology and blockchain, ensuring a solid strategic vision and a deep understanding of market needs.

Agility and scalability: The network of freelance developers allows the team to quickly adapt to changes in the market and implement innovations with a reduced time-to-market.

Diversified expertise: The approach based on external talents allows the project to access highly specialized skills without the burdens of a fixed structure, while reducing costs and optimizing resources.

THANK YOU!