



DOPOT.FI



WHITEPAPER DOPOT.FI

INDEX:

1. INTRODUCTION	02
2. USE OF WEB SYSTEMS 3	04
3. REWARD CROWDFUNDING	07
4. EQUITY	10
5. GOVERNANCE (DopotPower Token)	11
6. TOKENOMICS (DopotShare Token)	12
7. ROADMAP	14



1 – INTRODUCTION (ABSTRACT)

Dopot is an Italian open-source platform of decentralized crypto-crowdfunding, based on the Polygon blockchain. Born in 2020, its main objective is to innovate and improve the way of investing in the world of crowdfunding through cryptocurrencies, to simplify, increase and speed up investment processes for companies and investors. Crypto-crowdfunding is one of the new sectors that is presenting itself in the 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, which turns out to be a limit for traditional platforms, 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. 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.

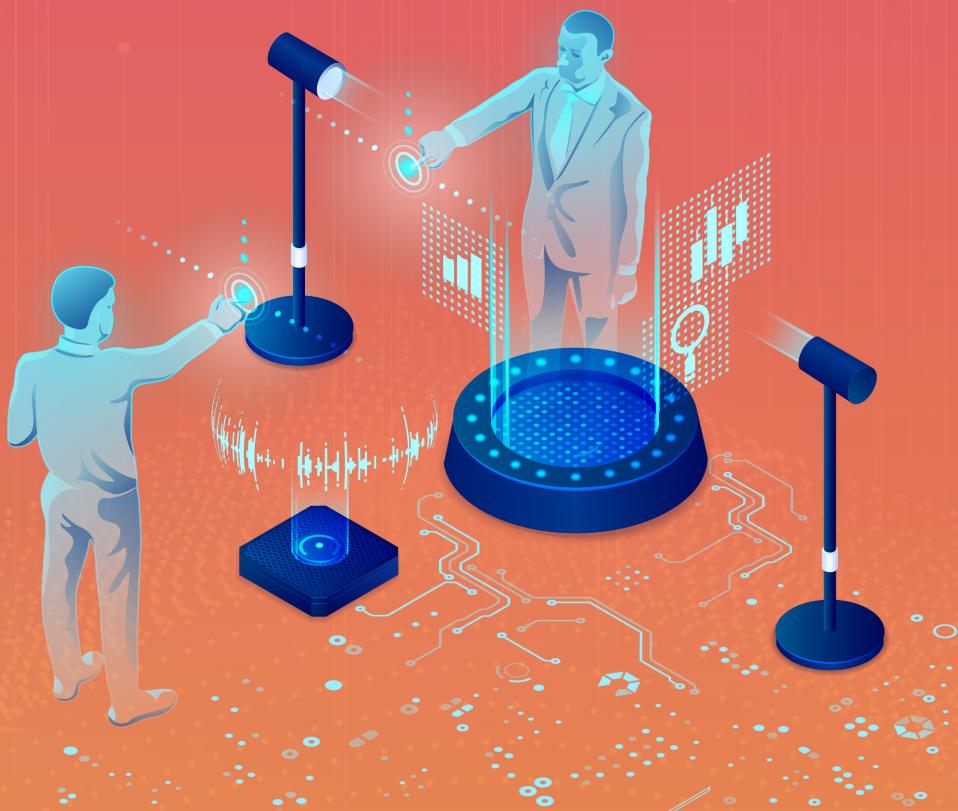


2 – USE OF WEB3 SYSTEMS

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's) we have the possibility to interact on the various sites, exchange information and more, on the 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, such as afterot.fi.

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 user data will be saved on the blockchain, and therefore the team that uses it cannot modify nor manage that data, let alone see it because it is encrypted.



To interact and create a website³ it 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 or "smart contract" of the blockchain it 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 them 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, it 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, the dopot.fi platform uses IPFS and a local caching: IPFS is a computer system that allows you to save and access files such as images, videos and other data in a distributed manner, which means that these files can be made available to the world. , in an autonomous and incensurable way. If two or more computers give access to the same file, there is a significant redundancy advantage availability; these are essential to ensure that the financial data, which are saved forever on the Blockchain, are complemented by an equally long-lasting frontend (user interface).

A local caching, on the other hand, aims to offer a fast and reliable data access experience to the user: through permissionless caching mechanisms it allows to speed up and optimize interactions with the Blockchain.

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, it 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 the community, Dopot relies on xDAO, to create the DAO (Decentralized Autonomus Organization).

xDAO 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 Italian 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.

How does it work:

In exchange for the investment (money sent), the 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 or overfunding) 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 an ad 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. As long as the company does not reach the pre-established goal, therefore until it reaches 100% crowdfunding or higher (overfunding), all participating users will be able to independently collect the fungible token from their profile section, returning from the investment made previously.

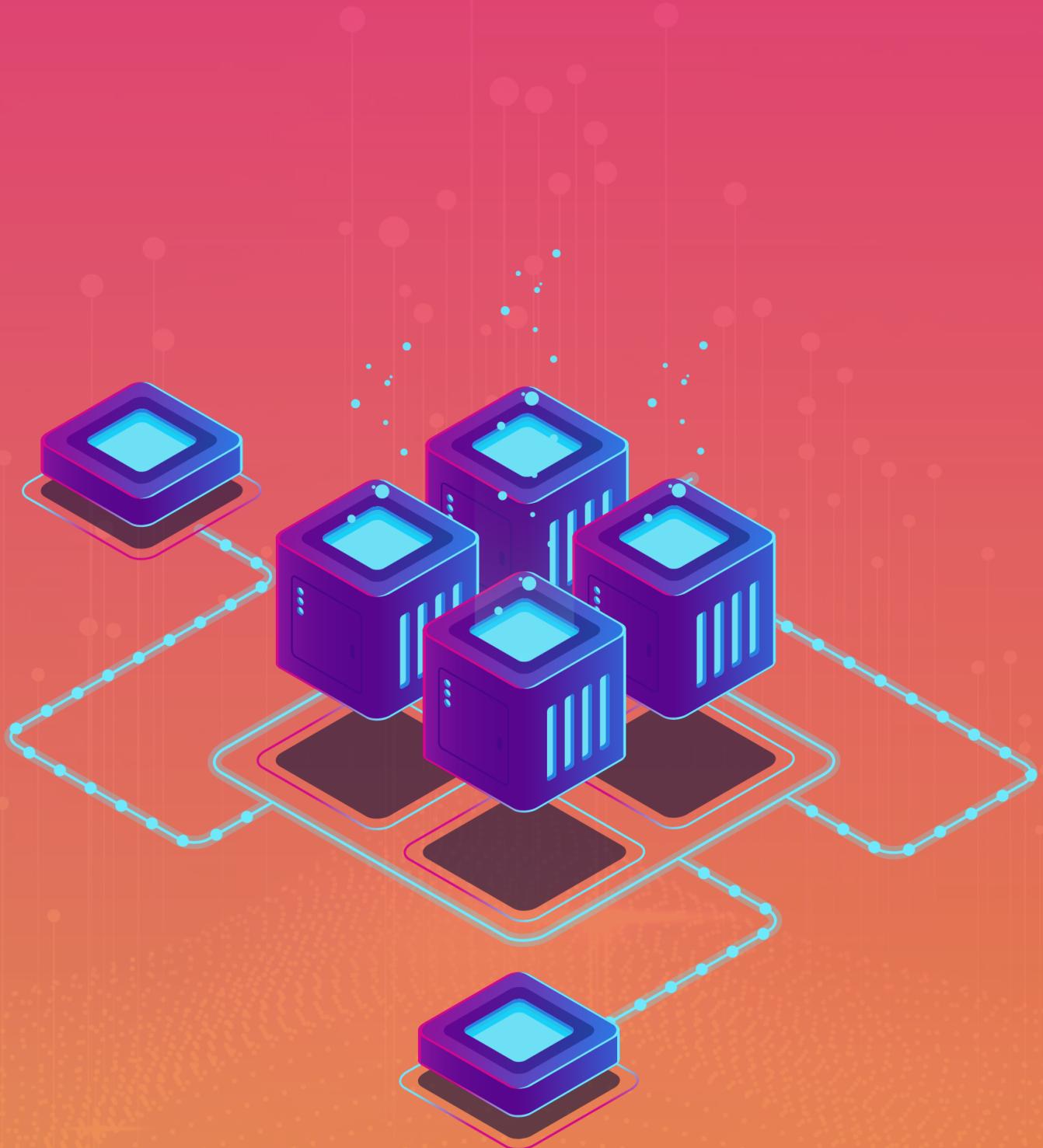
Participants who will have the DAI still deposited on the contract until the goal arrives, will move on to the next phase, i.e. waiting for the receipt of the reward, and consequently for the passage of the token, from fungible to non-fungible;

How does it work:

To make all investments safe, we rely on the multi-sig technology of smart contracts; more simply speaking, in order to pass from fungible to non-fungible it is necessary that the smart contract has both the signature of the investor and of the project itself (company); therefore when a project, a startup or a company is ready to send the reward, only the user's shipping route will be requested, which will then be saved in an encrypted way (therefore represented as an alphanumeric string) on the blockchain; once shipped, the company will sign the contract, and wait for it to arrive at the user; once arrived at the destination the user will in turn sign the contract, and from that moment the token will no longer be liquidated, because it will in effect be an NFT. Obviously, to prevent fraud, this process must be validated by users who are called "miners" in jargon. 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 resulting from these checks will initially be taken by the majority of the team in favor, again through multi-signature technology. It determines a minimum number of votes in favor for the decision to be carried out, preventing one or a few malicious team members from acting against the interests of the platform. Subsequently this power will be transferred to a DAO smart contract, so the multisig process will be effectively active, which through voting functions, will democratize this and other important tasks such as the approval of new projects.

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 will be fixed at 4%, which can then be increased to 3% by choosing the DopotShare Token as a payment method; a commission of 1% will then be added which will be allocated to the "after-sales guarantee fund" which will guarantee fraud against fundraising. The release of the Reward Crowdfunding section is scheduled for 2023



4 – EQUITY

The equity section is still in an experimental phase for Dopot, and therefore not exactly at its best due to the Italian regulations, which still do not make the use of a smart contract legal, but still ready to be used. already usable, but with some differences. The target is March 2024 as the launch date, but this date may undergo variations, given the lack of a decentralized KYC, a very important point on which we must work for equity.

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 its needs. The main possibilities are those for users to invest in the DAO by depositing their investments, thus 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 of Italian 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 (DOPOTPOWER TOKEN)

For the “Governance” of the platform, the most effective solution we found was in DopotPower Token.

Among the many smart widgets that xDAO offers, there is also the possibility of creating a nonexchangeable Governance Token.



DopotPower is a Tokens that can be used to create proposals and vote. It's established the polygon blockchain. This token cannot be purchased, but can only be earned by following 2 basic rules



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 DopotPower. Obviously, Governance Tokens will also be reserved for those who participate in fundraising and those who contribute to the improvement of the codebase (bug bounties).

6 - TOKENOMICS (DOPOTSHARE TOKEN)

DopotShare is a "liquidity provider" token, established on the Polygon blockchain. This LP token is issued to the liquidity providers (investors) of the DAO.

Once a user deposits a value into a DAO, they will receive a corresponding amount of LP tokens. These tokens can be understood as proof that you have put value into the DAO. The first users to deposit on the DAO, and then to participate in the IDO, will be able to receive rewards such as lower commissions, and have various features with which to maximize the profits detected by the token

Who owns the DopotShare Tokens can create a "liquidity pool" on a DEX to make some profits. The overall value of a liquidity pool and the circulating quantity of the total LP tokens are two factors that define the value of an LP token. The overall value of the pool is the sum of the market values of its cryptocurrencies.

New LP tokens are produced when new deposits are made to a pool. LP tokens are removed from circulation when investors withdraw their cash deposits.

Example: If a user puts \$ 1,000 into a cash pool worth \$ 10,000, he will earn 10% of the LP tokens in that pool. If the full value of the previous cash pool rises to \$ 15,000 and Sam has a 10% stake in the pool, the LP tokens she received are now worth \$ 1,500.

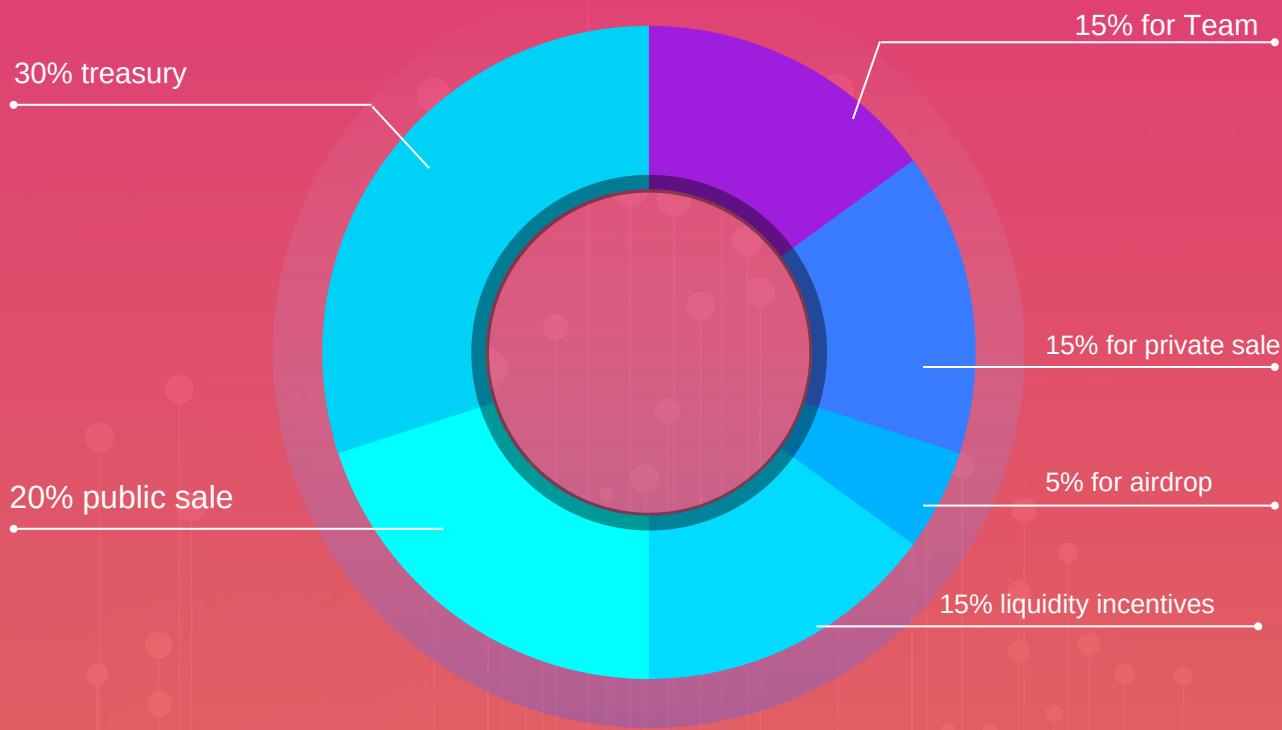
Example: If a user puts \$ 1,000 into a cash pool worth \$ 10,000, they will earn 10% of the LP tokens in that pool. If the entire value of the previous cash pool rises to \$ 15,000 and Sam has a 10% stake in the pool, the LP tokens he received are now worth \$ 1,500.

As liquidity pools rebalance to maintain a 50/50 proportion of cryptocurrency assets by USD value, they can use the formula $A * B = C$, where A and B are the USD value of the cryptocurrencies in the pool and C is the total value of the pool.

Example: if an ETH-USDC liquidity pool owns 79,180 Ethereum tokens and 134,457,994 USDC tokens. The total amount of funds in the pool would be equivalent to \$ 269.084.583.

With this information, Uniswap can derive the current price of each asset. Take 134,457,994 and divide it by 79,140 to determine that Ethereum's price would be \$ 1,698.13 on the exchange of Uniswap.

Maximum supply of DopotShare Token: 120,000,000
Initial replenishment of DopotShare Token: 30,000,000



FUNCTIONALITY: The main functions of the DS Token are 2:

Commissions: for all fundraising commissions are fixed at 4% on any amount requested, payable in DAI. If you decide to pay commissions with DopotShare Token instead of DAI, you will pay 3% of the requested amount.

Example: If a company opens a fundraiser of 50,000 DAI, and pays commissions in DAI, it will go to pay 2,000 DAI.

If, on the other hand, he decides to pay the commissions in DopotShare Token, he will pay the equivalent of 1500 DAI

Extension of fundraising: 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 DopotShare 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, i.e. 49,000 DAI, paying 4% in advance, therefore the equivalent of 1960 DAI

7 – ROADMAP

MERCURY PHASE:

- Dao launch & DopotShare Token (DST) private sale



EARTH PHASE:

Reward Crowdfunding protocol launch, in 2023

PHASE VENUS:

- DST public sale

MOON PHASE:

- Equity protocol launch, in 2024

THANKS YOU!

OUR CONTACTS

