YYFI Protocol

Blockchain of Digital Creation

White Paper

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Version 2.0

Abstract

The expansion of capitalism is deeply changing the global economic model. This hasn't stopped with the major institutions and multinationals that have been created, managed and led through large capitalization; it has exceeded this to become the standard for all startups and medium projects, even individual ones.

The need for capitalization made businesses directly dependent on conventional financing: personal resources, banks, capital sales and business angels. The Internet revolution has enabled project sponsors to implement new ways to raise funds, and a new concept has been born: crowdfunding.

Crowdfunding is a process generally organized through a website and promoted through various social networks. It allows entrepreneurs to raise funds for projects by collecting investments directly from individuals. In return, benefits, discounts or contributions to share capital are offered. With banks no longer the only masters of funds and capital, projects are likely to be conducted more freely. In practice, this happens through platforms or trusted third parties such as Kickstarter, which is responsible for collecting the funds and guaranteeing the obligations of the various parties.

With the arrival of Bitcoin and cryptocurrencies, crowdfunding has taken on a new format: the ICO (Initial Coin Offering). An ICO is a fundraising method that involves the issuance of tokens on a blockchain independently of a trusted third party. In this case the buyer does not hold a stake in the company, but a token that will allow him to use the service once the final product is developed, with the hope that its value will increase due to demand. This collection has several indisputable risks, however; in addition to any technical flaws, the company may be incompetent or fictitious. The project itself is not immune to a future shutdown or bad management.

YYFI is a decentralized launching platform for ICOs that is fair, peer-to-peer and blockchain-based. Blockchain implements smart contracts permitting a phased release of funds collected for the ICO while, at the same time, a collective right of withdrawal. The token is both mineable and environmentally friendly, consuming little energy thanks to dual mining. Miners can sell the tokens on recognized exchanges, and individuals will be able to use them to participate in fundraising, including those affiliated with the ICOSafe program. A range of services is available to facilitate governmental adoption of ICOs. The platform is open source and free.

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1 Introduction

The growth of fundraising through ICO has become very spectacular. In 2017, the total amount raised was estimated to be $5 billion, and has reached 14$ billion since early 2018. However, in the absence of legal and administrative frameworks, ICOs pose many risks for individual users who often lack the technical skills needed to evaluate the potential of a project. They find themselves trapped by investments that never take off. In 2017, 84% of projects funded through ICOs were in the idea stage, 11% were in the prototype stage and only 5% were for already active companies.

Hidden under a crypto- acronym or marketing campaign on social networks, the identity of a promoter may remain unknown or even risky. The creation of a company is not required by the community; it is able to issue a token and launch an ICO without officially disclosing its identity. To date, there is no reliable way to identify a project leader.

ICOs can be achieved through direct sales. This process is mainly based on the confidence participants have in the company that is leading the project. The purchased tokens generally are not within any blockchain; they are simply located in the database of the ICO launcher. This approach is used less and less, thanks to the advent of smart contracts.

The smart contracts are used to define and hard code the agreement between the launcher of an ICO and the participants, without relaying a trusted third party. Unfortunately, these do not meet any quality or coding standards. Indeed, these contracts are performed in a blockchain element far from the control of any person or entity, which makes them very vulnerable to attack. On June 17th, 2017, a hacker was able to divert the equivalent of $50 million by exploiting a flaw in a poorly written Ethereum smart contract. It even happens that these contracts refer to hidden type clauses "Transactions using the token can be disabled by the team at any time," or, "The team can issue new tokens at any time," or even "The team can DESTROY tokens at any time."

Once started, the project is obviously not immune to a loss of confidence due to uselessness or more relevant competition. An unscheduled stop can also occur due to various reasons such as an internal conflict or mismanagement, or even an unexpected political decision.

Contrary to current ICO platforms, YYFI offers a complete and unique technical and legal solution to all the problems and risks to fundraising campaigns.

2 Market Research

2.1 Centralized ICOs

Recently, ICO launch platforms such as Indiegogo have emerged. A centralized ICO is a fundraiser launched by a company without necessarily going through a blockchain. The sale usually happens on the company website using conventional means: BTC (Bitcoin), ETH (Ethereum) or credit card.
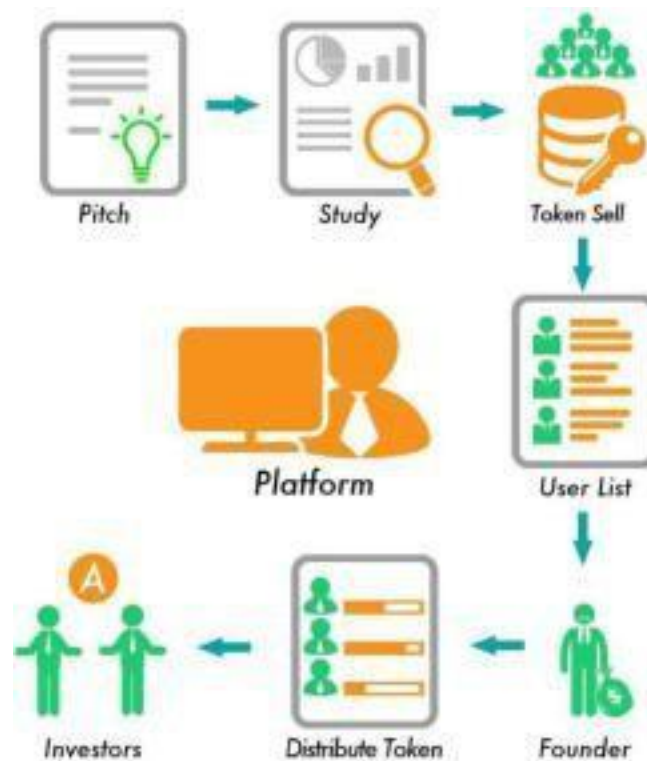
Although these platforms are effective and safe, they unfortunately require participants to use a trusted third party. This can lead to several risks: hacking, manipulation, excessive margins and abuses of power.

These third parties, formed mainly by traditional institutions like banks and financial players that dominate the market, systematically reject any distributed blockchain-based fundraising solutions. This rejection is motivated only by the risks surrounding these fundraisers and scams associated with them.

Several governments have also understood the indisputable issues that arise with ICO fundraisers. France wants to be the first financial center to develop a regulatory framework surrounding ICOs. Bruno Le Maire, French Minister of the Economy, said, *"It is necessary to professionalize ICOs and evaluation of them,*
to promote their adoption by the general public in a secure and sustainable way." (15-05-2018)

2.2 Distributed (Peer-to-Peer) ICOs

To date, there are several Blockchain projects offering the decentralized launch of ICOs. The best known is obviously Ethereum and its twin, Classic, but other promising platforms are in the final stages of development and soon will emerge such as EOS, Cardano and Neo.

Launched in 2015, Ethereum quickly became the reference for automated ICO launching. This is done using a smart contract published on the blockchain. ICO token transactions are performed on the main chain by way of fees paid in Ethers. The costs in question depends mainly on the blockchain's load. Far from being its priority, Ethereum has several drawbacks for ICOs despite its undisputed technical superiority.

Smart Contracts: Total Anarchy

Today, contracts published on the Ethereum blockchain are free to use and do not meet any standard. Their quality and durability depend solely on the responsibility of the author. It is now necessary to organize access to blockchain and improve the security of smart contracts. In practice, access to blockchain must be standardized. Names must be managed by a centralized third party or agency. As for smart contracts, they must first at least be reviewed, tested and validated to identify potentially fraudulent or diverted use.

Network Overload

Ethereum has become a general platform saturated with various technologies. Indeed, seen at its base as a means of transferring value, today more and more distributed applications are based on this blockchain to create and exchange their tokens. Add to that the large number of ICOs launched that constantly occupy an imposing portion of bandwidth. This systematically explodes the network load and thus generated costs. The following figure shows the evolution of Ethereum network traffic and the disproportionate rise in costs.
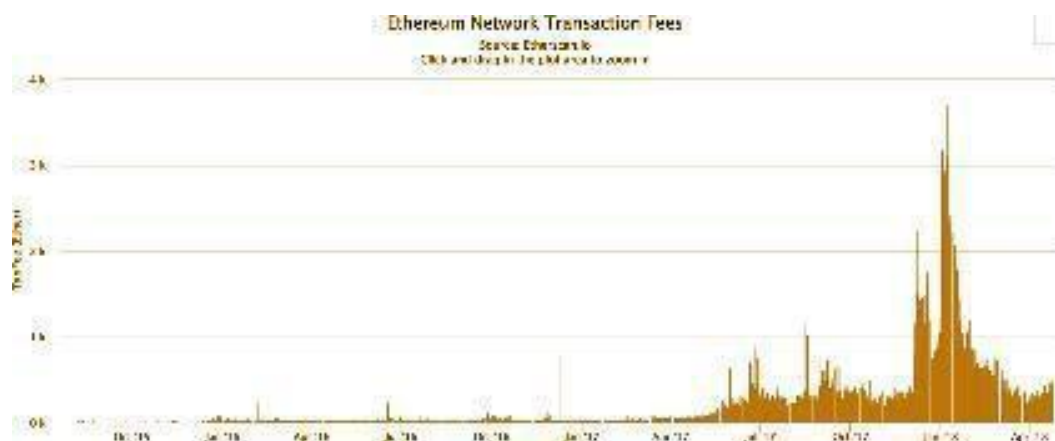
Data Size

In parallel, the number of transactions generated has caused an explosion in the size needed to store the history of validated blocks. The following figure shows the size occupied by Ethereum data over the last six months.

Ethereum ChainData Size (Geth w/FAST Sync)
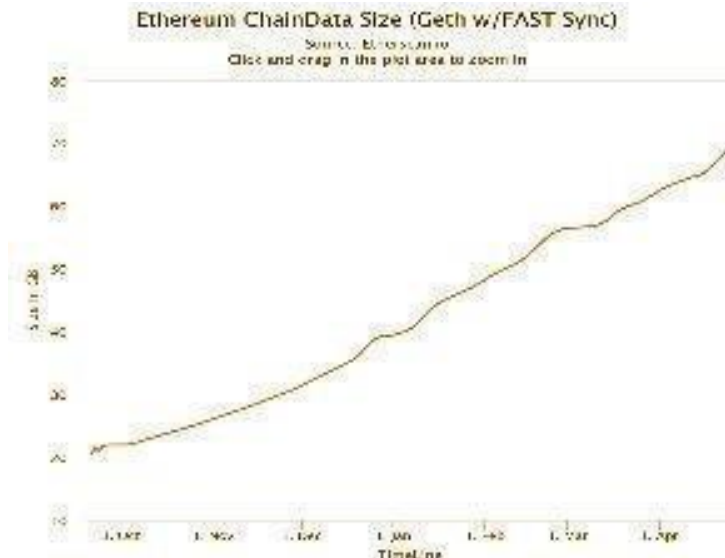
Issuance and inflation

Common to all the ICOs remains the motivation of the investors. They mainly seek to increase their capital by betting on rising prices of currency. It's clear that the value and stability of a currency depend mainly on the maximum amount of emission and therefore the rarity of the token over the long term. This rarity is the only practical way to guarantee the strength of the price when faced with declining demand in the exchange markets.

Since the price spike of cryptocurrencies in late 2017, the Bitcoin price dropped from €16,000 to €6,000 while that of Ethereum plunged from €1,200 to €300.

Ether Historical Prices (USD)

This can be explained by:

- An inflation factor implemented in the Ethereum blockchain.
- The flexibility offered to members of the DAO (Decentralized Autonomous Organization) to control the pace of issuance of Ethers. In fact, since 2017, the crypto community experienced several proposals from Vitalik Buterin ranging from the increase in inflation to redefining the maximum number of tokens. The exact rate of Ethereum inflation remains unknown, and its issuance policy is unstable. The figure below compares the emission rate of Ethers to that of a

  capped emission currency such as ETC, which is the same for BTC.
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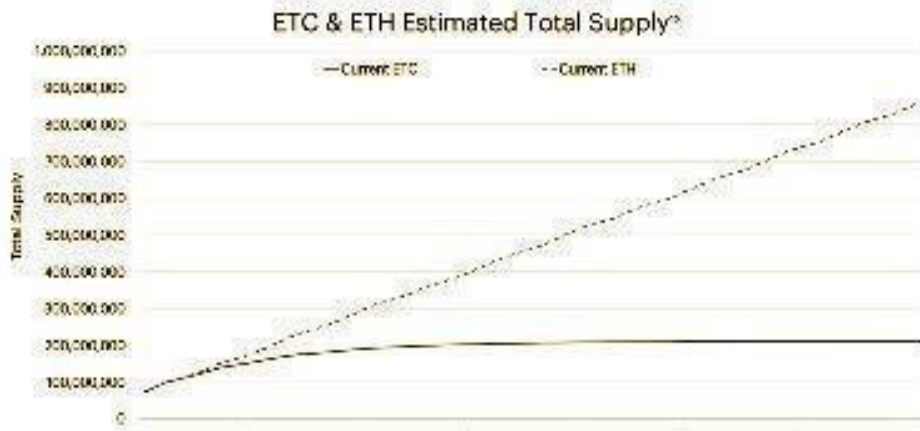
Let's Talk DAO

The DAO is a distributed application that is used to govern and guide policy and the strategy for Ethereum. It is now almost impossible to know which funds or institutions hold more DAO tokens. This group has exceptional governance powers from controlling inflation to restoring the blockchain to a specific date. Although these features are useful and can help overcome certain crises, an excess of power in the hands of the group has allowed it to acquire the majority of DAO tokens.

The 51% Attack

Despite its adoption and the large number of nodes the Ethereum network is composed of, it is vulnerable to a "51% attack." Indeed, to this day, the two large pools, *f2pool* and *ethermine*, hold about 51% of the global hashrate.
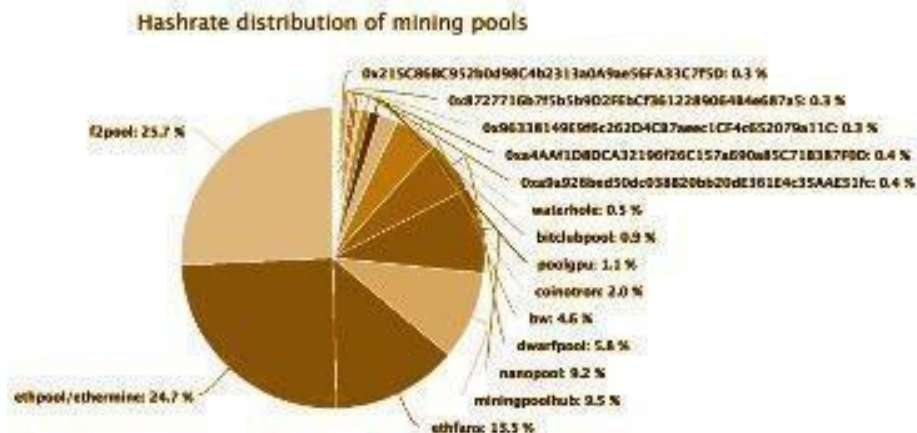
Leaving aside all these issues related to the primary Ethereum token, and even if the ICO demonstrated success with a reliable and solid contract in good network load conditions, risks related to development of the project are inevitable. Indeed, the project may end because of conflict and mismanagement. Worse, the contractor may not be serious, but only in search of raising money, and get away with it. This happens in 90% of all cases.

And DAICO, then?

This problem obviously has not escaped Vitalik Buterin and his team. In January 2018, Buterin himself published a paper describing a solution to ensure the launch of an ICO by way of a contract called DAICO.

Under the proposal, investors sent their money to the same famous DAO, which is responsible for the periodic distribution. Investors then communicated their vote to the DAO, asking it to stop financing and repay the remaining funds. This contradicts the very concept of blockchain decentralization. Meanwhile, investors cannot recover and use the tokens on their Ethereum addresses.

Alas, overwhelmed by the technical constraints and the general side of the blockchain, but especially the great uncertainty surrounding the DAO and its hold on the blockchain, this idea did not have much support, and is on track to be abandoned.

2.3 ERC-20 Platforms

Other hybrid platforms like KICKICO offer to secure ICOs through architectures based on ERC-20 smart contracts. The idea is to collect the contribution by purchasing the token of the platform in Ethers and then participate on the platform site. The participant does not have a token of true cryptocurrency on the blockchain as in the case of Ethereum ICOs. To ensure investors against any proposal to end the project, these platforms often offer insurance options.
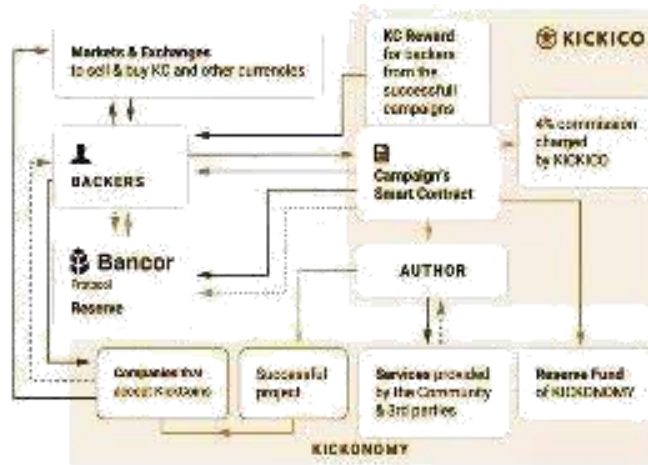
Obviously, such a token is not mineable, and the management of its emission is controlled only by the platform. This mechanism is often hidden behind a not very explicit name as the reserve fund. These establishments often put forward solutions based on blockchain. But in reality, all the work of monitoring and payment transaction management is achieved through conventional centralized information systems that are especially complex. This goes without mentioning the fees charged by these companies, which are often very high and not decreasing.

2.4 Other Platforms

Several promising projects are under development and aim to exceed Ethereum in terms of flexibility and speed.

NEO
A scalable platform that implements smart contracts. It supports multiple programming languages with very high transaction throughput. NEO offers the possibility of launching ICOs through its NEP-5 contract.

Cardano
Considered a futuristic payment platform, Cardano also includes support for multi-tokens. Many experts consider that Cardano is the future of the NEO concept. To date, the token is used only as a trading medium.

EOS
After several months of fundraising, EOS broke all records with a total raise of $4 billion. However developments related to this project have just started. No products or services are available to date.

Although these projects seem to be very good alternatives to the Ethereum network, and most operational blockchains, they are not mature and are still at the startup stage and must prove their ability to support ICOs.

3 YYFI Protocol (YYFI)

YYFI Protocol Token is an ethereum based blockchain network which will be use for its own platform, helping people, create charity fund. YYFI Protocol Token is ERC-20 based token and the system in the form of our utility token.

YYFI Protocol Token is introducing a new way of blockchain with a Growth Spirit and challenging spirit, and the service is also help to build Charity fund.

The goal of YYFI Token is stable position in the Market. This stable position will helps our buyers and sellers to growth their position, help people, decrease poverty line, financial position change etc...

Our mission is to empowering people by enabling opportunity, hope and influence. YYFI Protocol Token main goal is develop the cryptocurrency position and build up the charity fund. YYFI Protocol Token Charity fund will provide many facilities like Education, help people, creating a community, against with poverty and others for Underprivileged People. The 25% of Project success will go to YYFI Protocol Token charityfund. The way of YYFI Protocol Token basically

help to both ease market and a great way of social development.

The YYFI Protocol Token is a Community and united project and the Unity help both social and Market Development.

YYFIis a revolutionary platform that ensures the smooth operation of ICOs through innovative staggered contracts and under the control of the participants. YYFI allows both community and centralized approaches while reaping the most benefits. In practice, it's a cryptocurrency based on a public and open-source blockchain, run by a company that serves as a legal representative.

This formula allows users to:
- Finally Solve the ICO safety problem, known as DAICO.
- Add controls and access constraints to the blockchain
- Require standards in the launch process and the code of contracts
- Streamline the launch process by defining steps and imposing rules
- Establish a fair management model incomparable with the famous DAO
- Ensure optimal performance, thanks to the dedicated ICO network
- Prepare for the formal adoption of ICO by nations

3.1 Features

Several features distinguish YYFI from other tokens and cryptocurrencies on the market:

Mineable

YYFI is a public and open source blockchain that targets a community-wide adoption. The main token is mineable. A minimum value proportional to expended energy is guaranteed.

Store of Value

Unlike "utility tokens," whose emission is controlled by a single line of code, YYFI is a true digital media value storage, just like gold or Bitcoin.

Limited Supply

The number of YYFI tokens is set in advance. No changes are permitted. No hidden inflation is created. The scarcity of tokens over medium and long terms ensures guaranteed returns on investments.

Deflationist

As with Bitcoin, issuance of YYFI decreases with increasing difficulty that adapts to the overall hashrate.

No Extra Premining

Several currencies have used premining. This practice is related to reservation scams and abuse of unsold tokens often kept after the ICO. YYFI is an exception, mining only the quantity of tokens sold during the ICO.
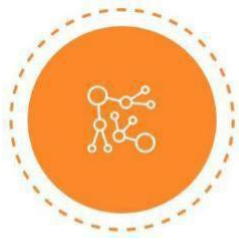
Miner-Oriented

Unlike many famous cryptocurrencies whose mining portion reserved by the founder sometimes reaches 20%, such as Zcash, all compensation from YYFI mining is available exclusively to the miner.

Fair

Through its staggered contract, YYFI is the only way to ensure a fair and balanced relationship between the project launcher and investors.

Decentralized

YYFI is not influenced by any entity or agency. Listed on the public exchange, the price of the token is fixed by the single free trade in this market.

Dedicated Network

Unlike other currencies, the YYFI blockchain is dedicated exclusively to the launch of ICOs.

Security Governance

Despite widespread, common adoption, policies and decisions related to the evolution of more traditional currencies remain unclear. YYFI ends any interpretation and introduces security governance.

Professional Support

Through its parent company, YYFI offers direct professional support to investors. This includes complete support, expertise, auditing, or even code writing.

Next-Generation Tools

Absent quality tools, monitoring and management of blockchain ICOs today remains difficult or impossible. YYFI offers a set of new-generation tools like Smart Explorer, allowing monitoring of an entire portfolio.

The use of YYFI does not necessarily require access to the online platform, indeed the basic package provides access to all the features of the blockchain. This basic formula includes the full node wallet, a mobile access application, and access to the Smart Explorer. To exploit the power of the YYFI solution, an online account is essential. Depending on the subscribed offer, several tools are available:

Smart Wallet

Our main wallet is personal wallet. This is the entry point dedicated to investors. It allows the purchase and storage of YYFI tokens, participation in different ICOs, portfolio monitoring, and especially voting for or against current projects.

ICO Market

ICOs launched with the YYFI platform are immediately listed in the marketplace. This component lists ICOs as well as associated labels, and classifies them by category, official or public rank. The official rank is updated in real time by retrieving the data from the Benchmark component. Purchases on our marketplace are made using smart wallet balances or directly in fiat.

Smart Explorer

YYFI introduced a new generation of blockchain explorers dedicated to ICOs. Conventional explorers like Etherscan provide information related to the transactions and contract in raw form, certainly effective and useful for a transaction tracker. Unfortunately, these tools cannot provide statistics and useful information for investors.

YYFI Smart Explorer provides an efficient, simple and graphical way for investors to follow the evolution of ICOs and projects in detail while keeping a larger, general view of their context and states.

BCC Factory

This internal component, interfaces mainly with the Dashboard. It allows the ICO launcher to edit, check, test and publish its BCC contract on the blockchain.

Benchmark

Although it's the top priority, the security of invested funds is far from the only concern of investors. Quality and good project performance indicators are essential. For this, YYFI provides an ICO evaluation platform composed of both the results of automated analysis and advice from our experts. The analyses include code analysis, unit testing, testing in a simulated environment and load testing. Unlike evaluation services already abundant on the market, our platform continues to analyze the performance and robustness of the ICO and continually updates the score in real time.

Dashboard

Today, launching an ICO requires the establishment of a monitoring site and rather sophisticated token management. While such a website requires mobilization of substantial resources, the features that are present are fairly recurrent. YYFI offers an

online service that pools the classic features of the dashboard and innovates them by enriching them with new use cases.

Indeed, the ICO launcher has the choice between uploading his contract or creating it with our intuitive graphic BCC Factory wizard. The contract must then pass the verification phase and the publication on the testnet. The publication and launch of the campaign is one click away and accessible to everyone.

Once the ICO is finished, the contract and balances may be migrated to Ethereum to take advantage of the wealth of its applications.

Included in paid packages, this service is also offered separately.

Ethereum Relay
The relay is a component allowing the interaction between the two blockchains, YYFI and Ethereum. In other words, it allows a YYFI account to receive payments from Ethereum and vice-versa. In practice, this is achieved through a smart contract that checks the header of each block before it is added to the blockchain.

This solution is very interesting and important for YYFI. It permits a very open architecture and provides the ability to perform several innovative deployments. For example, users can:
- Participate in the YYFI ICO with an Ethereum account. This allows for direct access to an already recognized currency pair that is immediately available and purchasable via fiat (government-backed currency).
- Interacting with services already deployed on Ethereum YYFI from a contract.
- Transfer service having already launched its ICO on YYFI for final deployment Ethereum
- Migrate existing Ethereum accounts to YYFI
- Migrate Ethereum ICO to the final YYFI chain without snapshot effort

YYFI Exchange

This is a private cryptocurrency exchange that consistently supports all ICOs launched via the YYFI platform. It mainly helps ICO token holders sell their reserves before the official listing. Our exchange also allows miners to sell their tokens directly in a marketplace with sufficient demand. In addition to the intuitive mode of exchange, a "pro" mode is available for more advanced users. Its modular architecture permits support for several recognized currencies. Deposits and withdrawals to the Smart Wallet are natively supported.

Initially it was decided to support the following currencies:
- ETH / BTC: These are the two most recognized crypto currencies and accepted worldwide. This ensures maximum interoperability transfer and exchange of currencies.
- LTC (Litecoin): The third most recognized currency and by far the one with the fastest blockchain among the top 5. LTC is supported by almost every exchange and directly buyable with fiat.
- ZCL (Zclassic): For reasons of preservation of anonymity, it was decided to propose a currency offering transaction encryption. Our choice was focused on Zclassic due to available liquidity, the large exchange support and above all, the absence of hidden costs.

4 Specifications

4.1 BCCs (YYFI Protocol Cyclic Contracts)

YYFI introduces an innovative type of contract for the phased release of funds: BCC. In practice, the funds are periodically released under control of a passive participant's vote. An emergency stop is also available when the unexpected arises. If stopped, the remaining funds are fully recoverable.
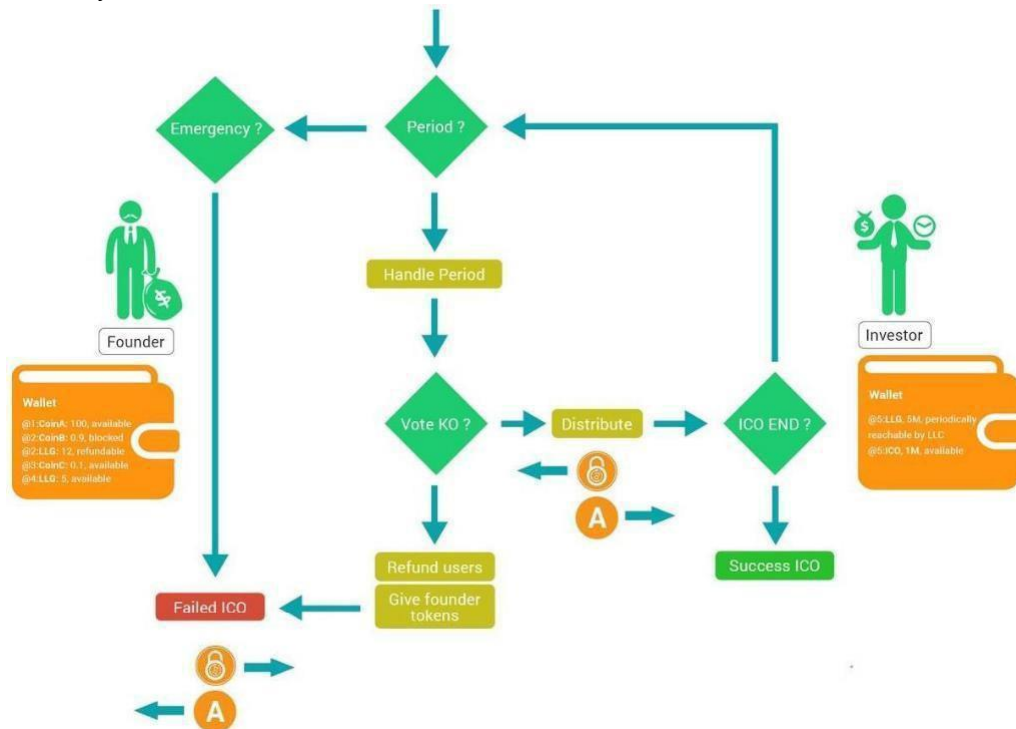
The BCC contract may be adjusted by acting on the configuration parameters: The start date of the project, the duration of its development, the control period and the minimum voting score for further distribution.
These parameters are defined in the creation of the contract and are taken

into account when running the BCC.

4.2 Addresses and Vote

Each primary token address is associated with multiple states and balances of ICO tokens. In practice, for a Tk token, each YYFI address provides the ability to manage a pair (T, t) where "T" represents the sum of tokens available and "t" the amount blocked until the next period. A feature in the official wallet is used to list the addresses and statements and to display the amounts by type and availability.

4.3 Syntax

Initially, the only enforceable contract is officially YYFI BCC. Although an ERC-20 contract can always be accessible and executable, it is by no means supported by the project, and no bug with such a contract will be considered. The syntax for writing the ERC-20 contract remains broadly unchanged. That said, new functions are now mandatory for implementation of the new contract. This example is given as an indication. The official interface will be published before the first deployment of the blockchain.

```
contract BCCInterface {
    /* example of BCC interface */                    /* ERC-20 interface
                                                                           */

    function strategy()
    function succesScore()                    function totalSupply()
    function period()                           function balanceOf()
    function startDate()                        function allowance()
    function emergencyVoted()                   function transfer()
    function failedVoted()                      function approve()
    function successVoted()                     function transferFrom()
    function vote()                             event Transfer();
    function voteOf()                           event Approval();
    function emergenc2y()                   }
    function emergencyOf()

    …
```

4.4 Implementation

Although they are not officially supported, it was decided to continue support for ERC-20 contracts. This will allow the community to enjoy the speed of the YYFI Net for launching ICOs. This is valid also for Ethereum currencies. Starting from a POC showing the concept, several important developments will occur. The changes to the base code bas mainly concern:
- Definition of emission, mining and block creation strategies
- Updating blocks to support new data
- Implementation of BCC contracts and their execution by the EVM
- Gas management for distribution and vote transactions
- Implementation of structures and methods for managing the voting mechanism
- Management and scheduling of vote transactions
- Development of YYFI Wallet for multi-token multi-state support.
- Removal of the "Difficulty Bomb"
- Removal of the inflation factor
- Disabling components / unnecessary checks and adjustments

4.5 Evolutions

In addition to formal changes made by our technical team, YYFI will systematically take all of the changes and security updates introduced in the Ethereum repository. This establishes improvement milestones in the medium to long term.

Mobile Support
Any trader knows the high volatility of crypto currencies, especially those with non-mineable tokens. The value of the latter depends only on the importance given to the future project. In order to control and manage funds in any circumstances, YYFI has added mobile support to its light wallet. This provides the user with more accessibility and responsiveness..

Anonymity
Monetary transactions are among the most sensitive information for people and institutions. Recent conflicts between actors from the world of crypto and official institutions have highlighted the pressing need to introduce anonymity and encryption functionality for transactions.
Currently, a large wave is crossing the world of crypto to preserve the anonymity of exchanges. Several projects have emerged like Monero, Zcash, Zcoin and BitcoinPrivate. YYFI has become involved in this momentum through its use of one of the best encryption protocols: zk-SNARKs (Zero-Knowledge Succinct Non-Interactive Arguments of Knowledge).

Scalability
Scalability is the ability to expand the capacity of the Blockchain to cope with rising load. This can be achieved, among other ways, through delegation of the subsets of validation nodes, which limits the transaction at the sub-blockchain.

Ethereum is currently expanding its processing capacity and aims to exceed even that of the Visa network by setting up "sharding." YYFI takes this concept and offers a lighter, more efficient scalability that is adapted to the ICO context.

5 Project

5.1 Presale Procedure

For the sake of full transparency, it was decided to start the YYFI token presale by way of an Ethereum ERC-20 contract. This type of sale guarantees a public and unfalsifiable database that lists the participants and amounts mobilized. This same sale enables participants to automatically recover their LLG tokens after public blockchain launch without intervention of the technical team.

Upon completion of the presale, participants hold ERC-20 tokens. These tokens are available via an Ethereum wallet, and may therefore be exchanged directly or on a supporting YYFI ERC-20 exchange. Indeed, even though the existence of these tokens is indefinite, their utility is expected to end as soon as associated YYFI tokens are recovered. It is therefore normal that the support of ERC-20 tokens on trading platforms is not considered a priority for the remainder of the project.

However, due to the simplicity of adding this type of tokens in the exchanges and wallet, an envelope will be devoted to referencing the token on a recognized exchange if the average capitalization threshold is reached.

The actual availability of YYFI tokens begins with the first public deployment of Blockchain. Recovery of final tokens is automated. In practice, the rules of consensus will be changed occasionally to insert the necessary transactions to synchronize balances from a snapshot.


5.2 Snapshot and Premining

Knowing that an average ICO sells 60 million tokens with a value approaching $1.00, it's essential to ensure the availability of a minimum of liquidity in the trading market to ensure the smooth operation of collection campaigns. This represents the number of tokens distributed during the presale.

An Ethereum snapshot will be announced just after the end of the presale. This way, anyone wishing to acquire YYFIs should hold the equivalent of ERC-20 tokens at the time of the snapshot. Amounts in ERC-20 tokens will be premined on the official blockchain.


Unlike many altcoins, the use of premining is regulated and justified. This is to guarantee shares to the ICO participants. No additional tokens will be mined. The mining starts at the first block and for reasons of governance and performance, the YYFI blockchain doesn't report any balances from existing cryptocurrencies. In

particular, no Ethereum account will be postponed. There is absolutely no question of a hard fork.

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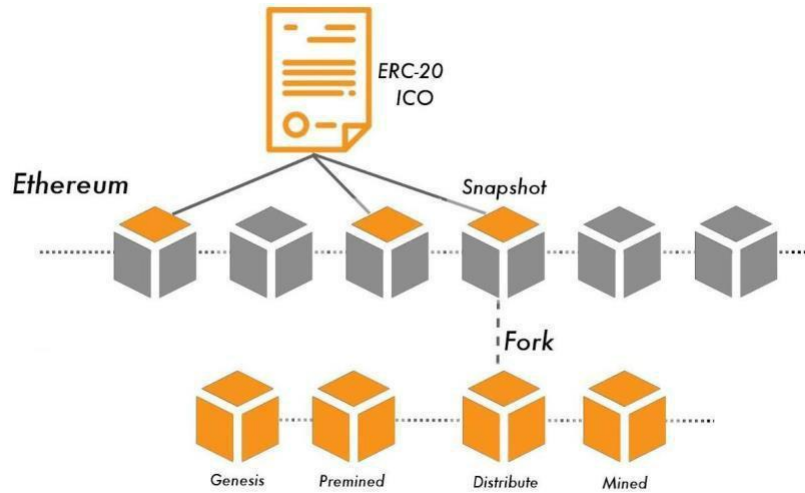
5.3 The Consortium Phase

This is a partially private deployment. It is a hybrid between the private blockchain of the POC (proof of concept) and the final, public blockchain. Transaction validation entities are trusted nodes designated by us. The transactions continue to be public and accessible to anyone.
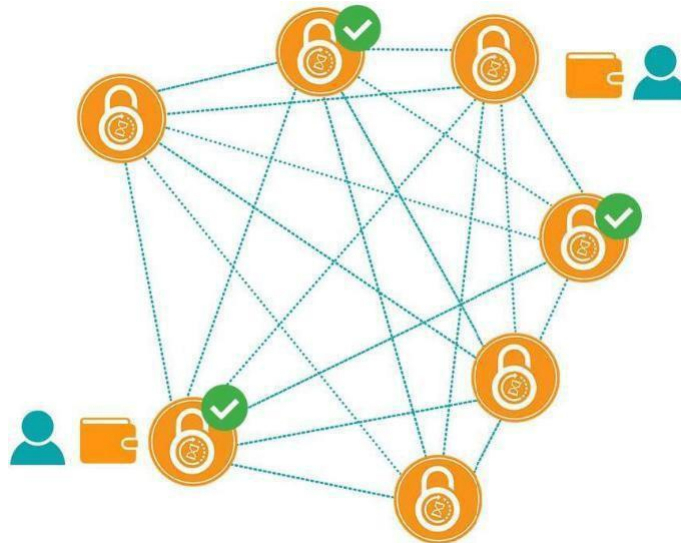

This deployment allows us to:
- List the token on recognized exchanges
- Distribute the final tokens to participants
- Launch ICOs of our first industrial partners
- Prove the operation and robustness of our solution to the public
- Start up commercial services based on the YYFI blockchain.

Tokens mined during this phase will be reserved for the YYFI Fidelity Airdrop program. In practice, addresses that hold YYFIs will receive an airdrop proportional to the content of their balance on announced dates. The team agrees not to keep any sum greater than the amount incurred in the presale.

5.4 The Public Phase

The public launch signifies the start of the community and public -at-large phase for YYFI. The validation of transactions is no longer restricted to just trusted nodes.
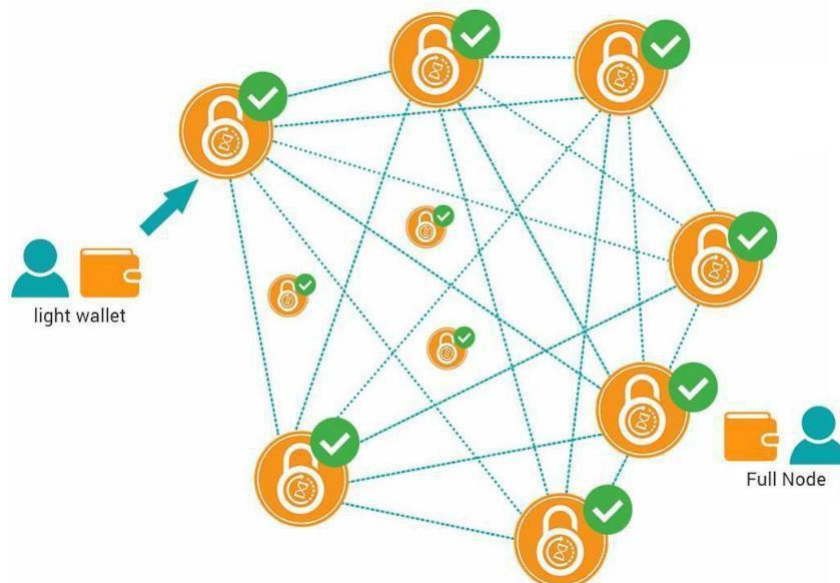
Indeed, the official wallet in its "full-node" version allows anyone to validate transactions and mine YYFIs. To encourage community adoption, a reward of 15 YYFIs was chosen.

Starting from a software fork of Ethereum, YYFI decided to remove the "Difficulty Bomb." Despite its usefulness, this code introduces a centralized governance. Indeed, it forces the nodes to migrate to any new code published to delay the release deadline.

Shared Mining
Merged mining is the ability to mine more than one cryptocurrency without mobilizing additional calculation resources. The idea is to use the POW solution of the parent that is the primary chain to validate the mining of the secondary chain. Merged mining has been adopted by several currencies due to its undisputed advantages. A famous example is Bitcoin/Namecoin. This remains almost without impact on calculation power dedicated to mining the primary token.

YYFI relies heavily on merged mining with Ethereum, which will encourage miners to adopt its blockchain even more.
The dual mining is a simplified form of the shared mining, it consists in mining two cryptocurrencies in parallel with hardware resources designed for this purpose

As a first step, dual mining will be supported, partnership with a manufacturer and

several pools are ongoing and will be announced before public launch.

6 Business Plan

YYFI is an open source project, free of distribution rights, seeking widespread community adoption. However, a business model has been developed to ensure the profitability and sustainability of revenues of the founding company while preserving liberty and transparency of the blockchain. These funds will be mainly used to maintain the code and develop new features to stay at a competitive level in the course of trade.

Supplementary launch models called Premium and Advanced are available to launchers wishing to offer more safety and ergonomics to their investors. Several services are offered, including two levels of certification and guarantees extended without ceiling limits. These packages also include limited or unlimited access to the different services offered by the business entity.

The commercialization and deployment of the platform in private environments is an important part of our business plan. YYFI will build on the success and strength of its public deployment to meet the use cases identified where its added value is indisputable.

6.1 Services

ICO Launch
This is a complete package for launching ICOs. Our teams put their experience serving customers wishing to launch fundraising campaigns. This covers technical expertise, the development of various deliverables, as well as scheduling and promoting the campaign.

Customers opting for this service can also benefit from our financial network and begin their public sale with a comfortable and inviting presale.

Professional Service
The consulting service is the strictly commercial side of YYFI project. Indeed, this is the main service that leverages our open and free code to get the maximum benefit. This happens primarily by private deployment of the platform, providing development service, writing contracts, and designing complex blockchain-based solutions.

GovLink
During the previous year, ICOs have emerged as the most simplified method of fundraising. However, to ensure the sustainability of this process, a formal adoption by states remains necessary today. This inevitable adoption today is far from feasible.

In fact, no technical solution has been to balance the freedom and simplicity of investment in ICOs and regulations requested by the states. Several governments have begun to seek legal frameworks associated with reliable technical means.

YYFI is the first platform to offer this solution that will undoubtedly make ICO history. Indeed, our optional service is activated by country and offers each country a variety of instruments to monitor the financial status of accounts and take necessary measures in case of fraud detection.

This includes among others:
- Declaration of suspicion
- Accounts management and transaction blocking
- Automated payment of taxes on gains
- Anonymous reporting of portfolios above a certain threshold

6.2 Labels

IDSafe
To deal with any inquiry about the founder of an ICO and his/her background, our experts carefully study the following:
- The identity of the project leader and his/her correspondence to the announced project
- The identity and financial data of the establishment
- The skills of team members and their involvement
- The study of the white paper, the usefulness of the project, sources in the case of free projects, and the correspondence to the requested amount.

Once assigned this label, the ICO is guaranteed without technical faults or organization and the project is considered coherent and useful.

ICOSafe
Obviously, the validation of the idea and organization are not enough to ensure a smooth and successful project. This is why the ICOSafe label was introduced. At this level of certification, we:
- Provide technical support and provide interventions independently of the target amount.
- Write the ICO contract and thus ensure its robustness
- Test the ICO in operation with a real load in our Testnets
- Ensure smooth operation of the fund management

6.3 Formulas

All technical features of the project are available under free license. The parent company provides more paid-plan launches. This will provide a set of additional services to investors and participants, and especially to associate a level of labeling to the concerned ICO.

|	Free	Advanced	Premium
Max ICO Value For Support	10000$	1M$	Unlimited
Free BCC Usage	Yes	Yes	Yes
Official Page & Support	Yes	Yes	Yes
ICO Dashboard	No	Yes	Yes
Smart Explorer Listing	No	Yes	Yes
IDSafe Label	No	Yes	Yes
ICOSafe Label	No	No	Yes
Technical Support	No	No	Yes

6.4 Private Use

Using YYFI does not stop its role as a digital currency and ICO launch pad.
Indeed, applications are diverse, and private deployment options are numerous.

Classic Investment Fund
Portfolio management by venture capital firms is today one of the central issues in the investment sector. Finding the balance between involvement and control by the investor and the financial development of target SMEs remains a topic that rarely ends up with a solution.

The absence of a means of control and monitoring of the injected funds requires an institutional investor to require more monitoring. This obviously limits room for maneuvering for the project leader.
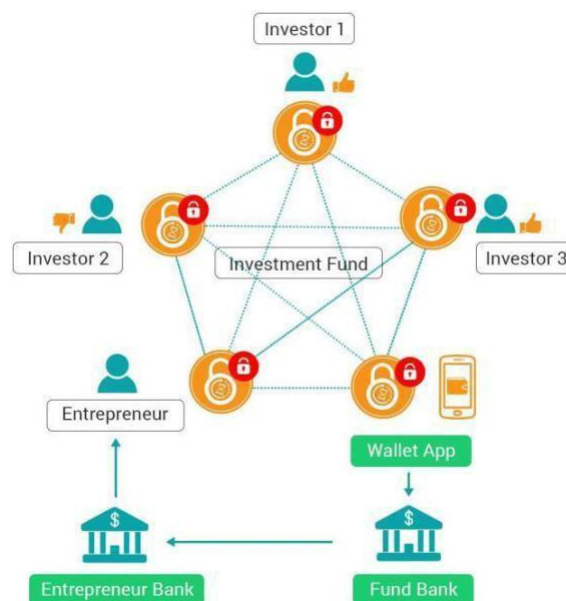
With a custom deployment through a private token, a balanced relationship can be established. To avoid volatility concerns, an equivalent in fiat currency must be defined (1YYFI=$1.00, for example).

An agreement could thus be established between the investment fund, investors, and the bank through a dedicated application. The bank ensures transfer of funds to the bank account of the SME.

Public Project Management
Public procurement is an area where good governance can lead to greater synergy and contribute directly to the development of all countries. One aspect of this governance is the perfect management of payment terms. In fact, this type of market is often characterized by endless disputes between contractors and government agencies (technical controls, financial controls, social controls, paperwork...) which usually involves excessive payment delays.

Once the work is delivered, small businesses do not have the financial capacity to wait for payment from the administration. A prolonged delay can then lead them to the certain financial insolvency.

On the other hand, governments are obliged to respect a certain consensus that is difficult to achieve in acceptable time.
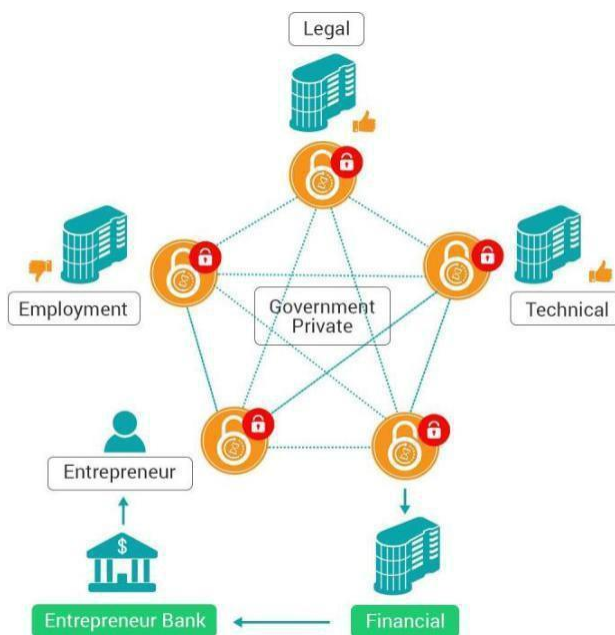
This is where the establishment of a YYFI private network can solve the problem. With its well configured voting system and its installment agreement, each administration can focus on its share of the case by immediately checking without risk of tampering the progress of other institutions' procedures. The work director can be paid without waiting for the end of all procedures.

7 Public Sale

7.1 Scenarios

Like any fundraising campaign, ICO YYFI can lead to several scenarios. If the SoftCap is not reached, all participants will be fully reimbursed and the costs of the operation are the responsibility of the participants. This process will be fully automated through the smart contract managing the ICO.

If the amount collected is greater than the SoftCap, the sum is kept and the project

starts. Three levels have been defined:

- In case the amount collected is less than the average level, collection will be before all else solid proof of the reliability of our business model. However, our business policy will focus on a limited market. Our confirmed position in the market will allow us to attract a maximum of ICO launchers. Once our involvement is present, a second round of funding in the form of a share sale is foreseeable.

- Reaching the intermediate level means the availability of funds for comfortable execution of most key features of our solution. In this case, some secondary features and improvements can be removed from the roadmap.

- Finally, if the HardCap is reached, all features will be undertaken, including support for ERC-20 tokens in the exchanges and merged mining. The use of
  fundraising through the sale of shares is no longer foreseeable.
-

	SoftCap	Middle	HardCap
Cryptocurrency			
Services			
Dashboard			
LLG listing			
SDK & Mobile			
Dual Mining			
Exchange			
Ethereum Relay			
ERC-20 listing			

7.2 Price Prediction

It's still not easy to predict the price of a cryptocurrency. That said, all good followers of the mineable crypto market can see some logic in the evolution of these price ranges.

Resistance Price

Prices of mineable tokens such as YYFI generally have a low price below which they descend occasionally without stabilizing. For example, ZClassic underwent a dramatic change in price due to a Bitcoin Private hard fork. Although the team had announced the abandonment of the project at first, the price of this secured currency resisted at around €15/20 and even saw its value double in a span of a few days.

Growth Potential

Thanks to its design, a useful cryptocurrency retains strong potential for increasing in the event of a favorable market. Indeed, Bitcoin has always been an equivalent to gold in this volatile market. Once the investments were down, the price of Bitcoin increases when faced with useful projects, but when the market returns to normal, these tokens can soar and easily double or triple in value in a few days. YYFI uses the same logic, as do other tokens of the same family (ETC, ETH) or better.

Prediction of prices

Let's start with a low estimate and take as a hypothesis an average of 20 simultaneous ICO projects launched on YYFI with an average supply of 47,000 and a public sale of 60% per project. It is in this example at 6 months after the launch of the public phase of the blockchain fixwd price will be 1 YYFI = 500$ Public Sale:- 60% for the Public Sale, Team:- 10% for the team, Reinvestment:- 20% for the reinvestment, Research:- 5% for the research, Bounty:- 5% for the bounty

7.3 Token distribution

The total number of sold tokens is 16M. Tokens sold during the ICO will be automatically reported on the final blockchain. Since the final currency is not an ERC-20 token. All ERC-20 tokens will be burned as soon as balances are reported on the main blockchain. The information provided regarding the creation, processing and allocation of tokens represents the current plan. This plan is likely to be modified or optimized before the start of the sale and will be the subject of an announcement.

Total ICO supply: 25,000
Technology: ERC-20 then YYFI Blockchain
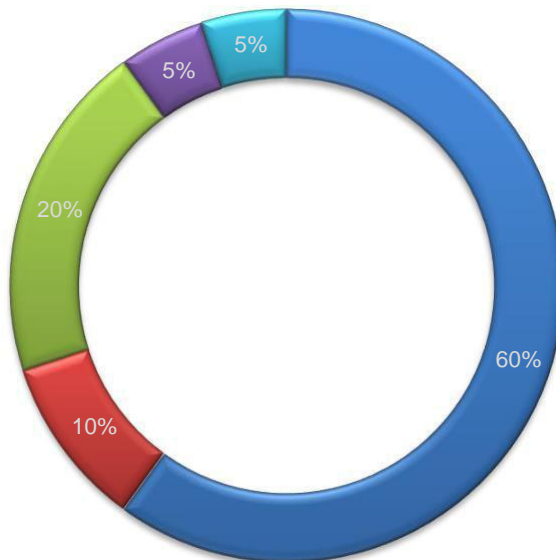Available for purchase: 20,000
Accepted currency: FIAT/ETH during private sale, ETH in public sale
SoftCap / HardCap: 0.95M$ / 12M$
Initial rate: 1 YYFI=500.00$)

Token Allocation

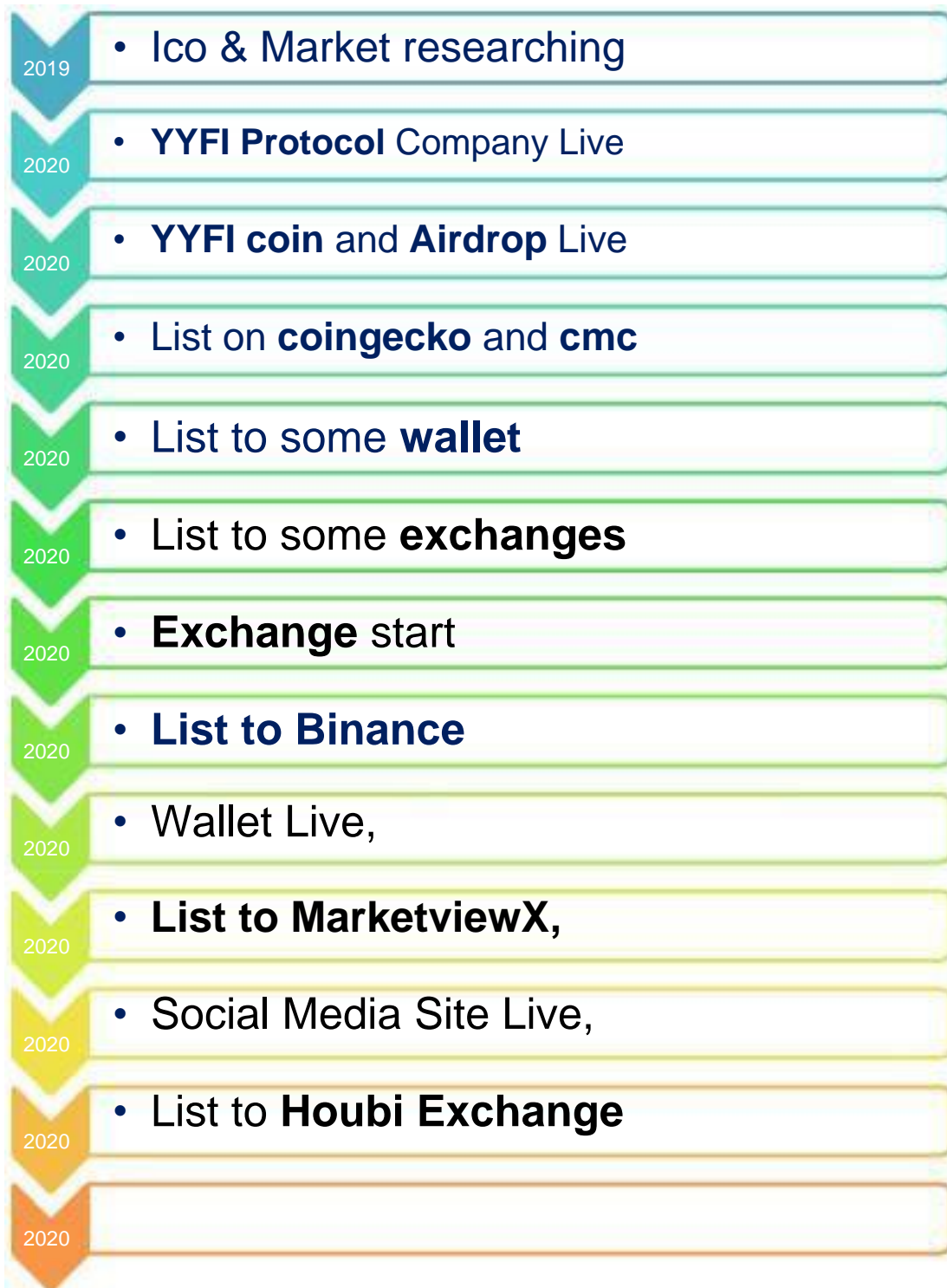■ public Sale ■ Team ■ Reinvestment ■ Research ■ Bounty

Crowdsale Funds Distribution

Public Sale:- 60% for the Public Sale, airdrop & bounty programe,
Team:- 10% for the team,
Reinvestment:- 20% for the reinvestment,
Research:- 5% for the research,
Bounty:- 5% for the bounty

8 Roadmap

- **2019** • Ico & Market researching
- **2020** • **YYFI Protocol** Company Live
- **2020** • **YYFI coin** and **Airdrop** Live
- **2020** • List on **coingecko** and **cmc**
- **2020** • List to some **wallet**
- **2020** • List to some **exchanges**
- **2020** • **Exchange** start
- **2020** • **List to Binance**
- **2020** • Wallet Live,
- **2020** • **List to MarketviewX,**
- **2020** • Social Media Site Live,
- **2020** • List to **Houbi Exchange**
- **2020**

9. Token details

name	YYFI Protocol
symbol	YYFI
decimal	18
price	500$ per token
total suppy	47,000
contact address	0xaF20b44C1C651D1d29cFB916eE2A0630B828Eb7A
issuer address	

10. Contacts

Telegram: https://t.me/yyfiprotocolofficial

Find us……………………………
Website;
www.yyfiprotocol.com

Mail:- 24/7 support
yyfiprotocol@gmail.com

Twitter:- https://twitter.com/ProtocolYyfi?s=09

Telegram: https://t.me/yyfi_protocol

Telegram: https://t.me/yyfiprotocol

Disclaimer

The primary objective of the whitepaper is to present YYFI Protocol (YYFI) and its commercial model to the public and token holders, The whitepaper serves all information about the token, However, the information provided here may not be extensive and does not imply any element of contractual value. The information Provided here aims only to provide relevant and reasonable information to Token holders so that they can determine whether they need to undertake a thorough business analysis with the intention of acquiring YYFI (YYFI Protocol).

YYFI Protocol is for helping people, making a good career, to remove poverty, earn a good profit everyday. We are preparing a platform like a social media for complete our mission, goal and vission. Our team is working to create on it, as soon as possible it will be live, you can check it on roadmap page. there you can earn a lot of money and complete our movement against poverty, crime and everything bad.For these reason our company is allowed in every country in the world, thats mean we have no restriction for any country or state.

This document is not prepared in accordance with the laws or regulations of an jurisdiction that purport to protect investors,and is not subject to such laws or regulations. Certain statements, estimates and financial information contained in this WhitePaper