White Paper

JP Company
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INDEX

- # Introduction

The Jointly platform, designed by the JP company, allows people to invest into the ICO system using the group-investing method.

In this way, financers can obtain valuable bonuses and a major amount of tokens just by investing an amount of funds that equal (in terms of value) to a single investment.

This procedure is completely decentralized and is made possible thanks to the Smart-Contract method, which will automatically manage the ICO investment and its result, i.e. the tokens distribution together with its bonuses, ending in the investor's wallet.

- # Brief Introduction on "ICO"

"ICO" stands for <Initial Coin Offering>, it is a public money offer, a funding system that sees companies selling out to the market their future crypto-currency, (known as "coins" or "tokens") to get back an already existing crypto-currency (e.g. Bitcoin, Ethereum.. etc.) to fund the project.

…How does an ICO develop?

Usually, an ICO can be of two types:

1. *Pre-ICO*: the bonuses on the tokens are very high (65%/80%), but in order to take part in it, large amounts of money are required (>$20.000). Normally, this type is mostly exploited by professional investors, who hold large amounts of money.
2. *Public ICO*: the bonuses are very low, most of any investor can take part in this type

ICOs can contain two kinds of bonuses:

- "Temporary Bonus" – a bonus that changes its value with time.

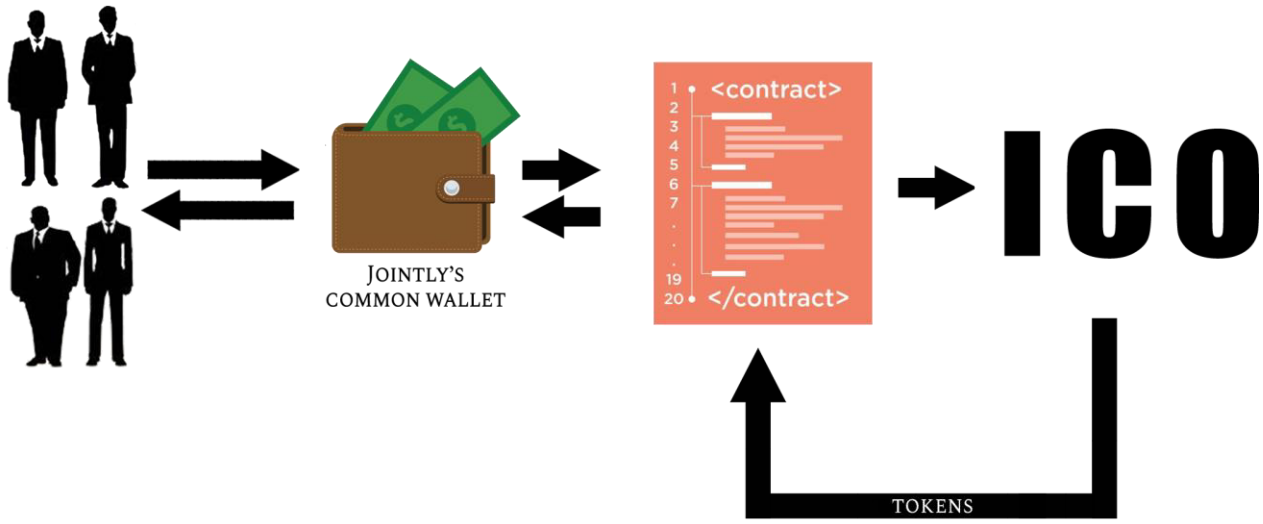
- "Quantity Bonus" – a bonus that gets more valuable as the quantity of invested money is higher

1. How it Works

To start off with, projects will be directly inserted by JP, or by the company that proposes its ICO through a Google form.

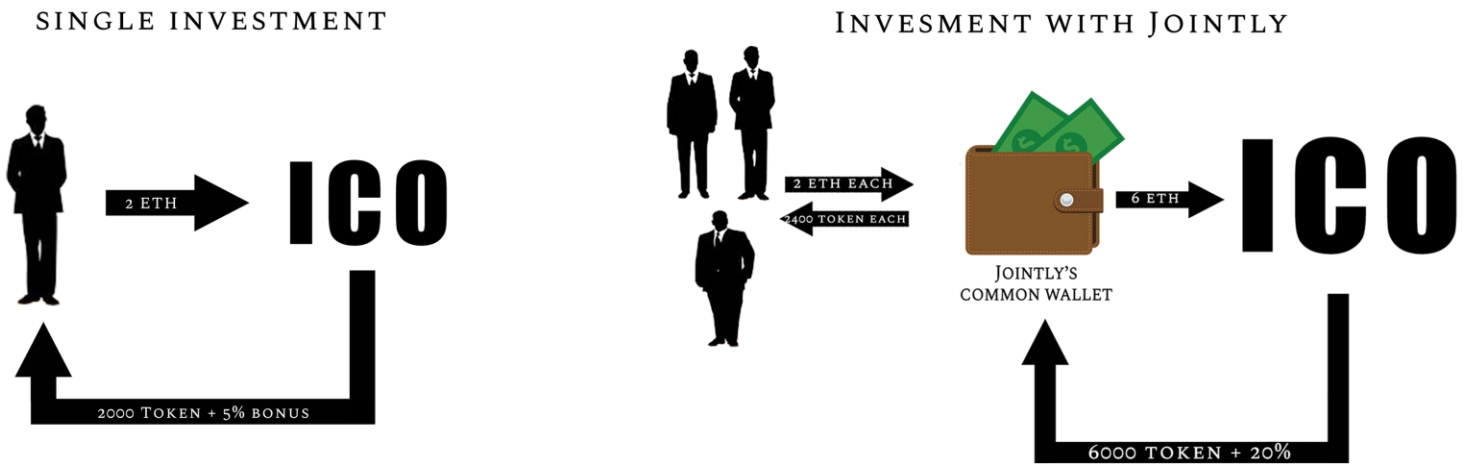
In a future, the platform will permit people to insert their own projects through a voting-selection (before going online, the projects will be carefully exanimated by the team, in order to reduce fraud scenarios).

The projects that have been directly proposed by the JP can have bigger bonuses. To participate to the ICOs, people will have to give some money to a common wallet running with a digital currency (initially we will only accept Ethereum, but we are working to get other currencies accepted, like Bitcoin or Monero…) identified by the platform as soon as the payment is done. In the end, the investors will get on their wallet their rightful part back, with the correct bonuses.

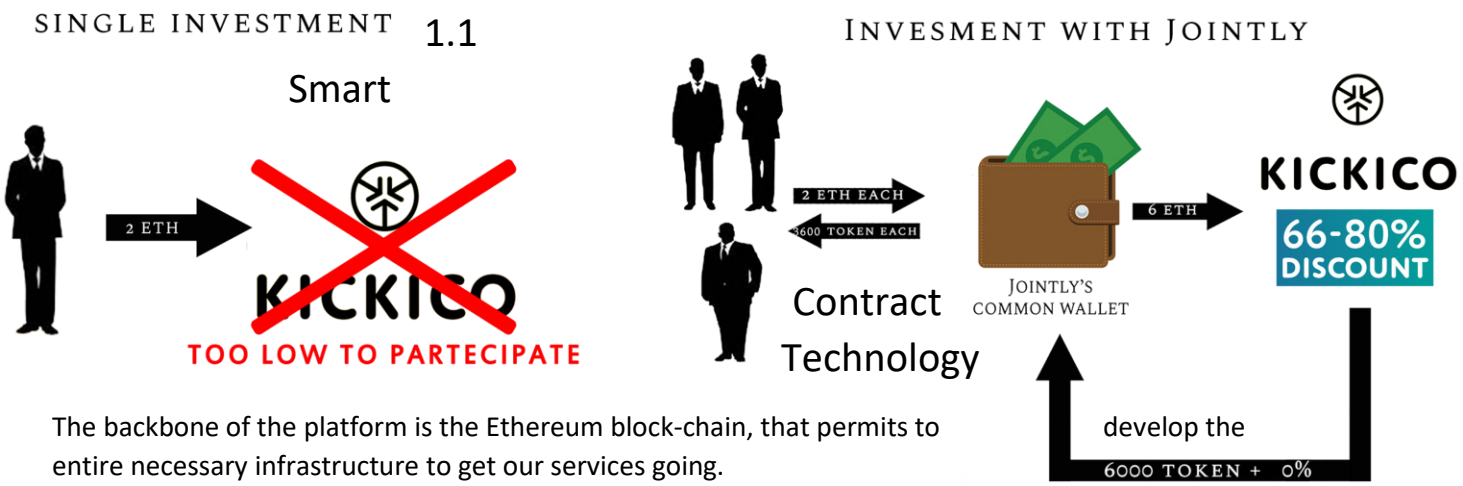


EXAMPLE
ICO INFO
1 ETH = 1000
SUM INVESTED = 2000

ICO



PRE-ICO



The backbone of the platform is the Ethereum block-chain, that permits to entire necessary infrastructure to get our services going.

Here is a technical description of the smart contract technology:

When creating the contract, it will create and store the following data

- icoName – Variable containing the ICO's name
- nCostumers – Variable containing the quantity of people who have invested in that moment (initially set at 0)
- icoAddress – Variable containing the ICO's address
- threshold – variable containing the maximum investment quantity of the ICO
- minInvestment – variable containing the minimum investment of every user (initially set at 0, but variable)
- currentInvestment – variable containing the ETH invested up until that moment
- token – variable containing the type of token used by the actual ICO
- commonWalletAddress – variable containing the common wallet's address.

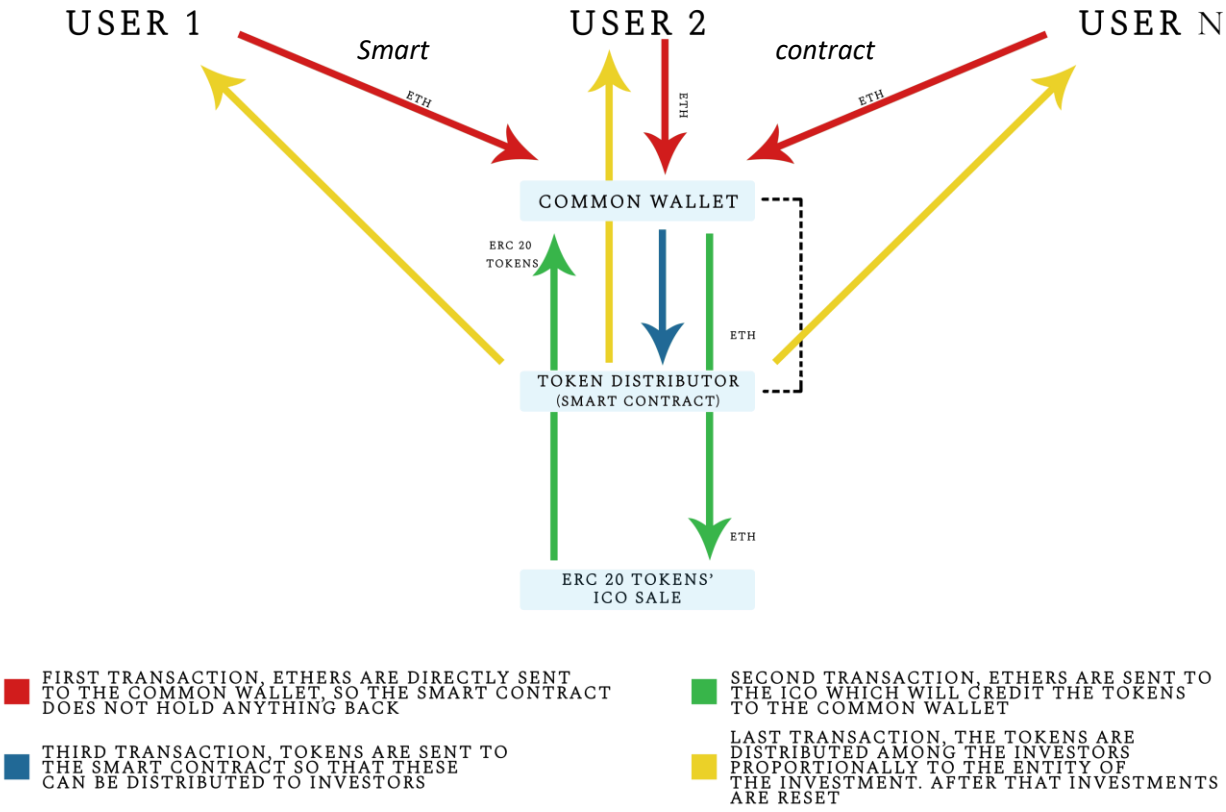
Two very important structures are:

- customers – a vector containing all the addresses of the investors of the actual ICO
- investments – a map that links the addresses of who invested and the invested quantity

When a user sends the ETH at the smart contract address, his/her address is saved into a vector (customers) and added to a map (investments) associating the actual invested ETH quantity. On top of that, the variables concerning the investments and the number of the smart contract users are updated.

At the moment of the actual investment in the ICO, the smart contract will keep the 3,5% over the total amount (platform tax) until all users will get the tokens released by the ICO.

If the investment can't be completed, that 3,5 % will be given back to the users.



- TokenDistributor: Contract constructor – initializes the variables that the contract needs
- Callback function: accepts the payment (Ethereum currency) towards the contract and calls the fund function
- Fund: memorizes the payment in the previous structures, in order to give the right proportion of tokens back

- SendBackTokens: sends the tokens back to the investors, proportional on how much was invested initially, then sends the taxes on ETH (on the set receiving address); and it finally calls the reset function.
- Reset: this function resets the users' investments
- setupNewICO: it sets the parameters of the contract to handle a new ICO

Other functions have only a debug purpose. They will not be included in the final version of the smart contract.

Special cases

1st situation - The ICO has not got enough tokens to satisfy the quantity of ETH contained in the common wallet

- In these situations, the smart contract will send the ICO the maximum quantity of ETHs for the available tokens and the remaining ETHs will remain in the common wallet.

  When the tokens are sent back to the investors the smart contract will also send the remaining ETHs, always considering the paid percentage by the investor.

2nd situation - The common investment gets cancelled

- The investors will get a full refund (3,5 % tax included). Users will get their invested money back, but this not including the block-chain operations withholding taxes.

In order to make the platform safer, the common wallet and the smart contract will be kept in a hardware wallet (we still have to decide whether to use trezor wallet or leger wallet), this will create some advantages:

- the wallet is not installed on a pc (might be compromised)
- the hardware wallet is hard to attack, since it's a separated machine
- Malware-Free
- It is impossible to install any software on the hardware wallet, making it as clean as possible

1.2 The ICO Process Monitoring

The existing preICOs/ICOs on the platform will require a minimum quantity of investment, which, if is not satisfied within a pre stabled deadline, it will be given back to the participants according to the smart contract.

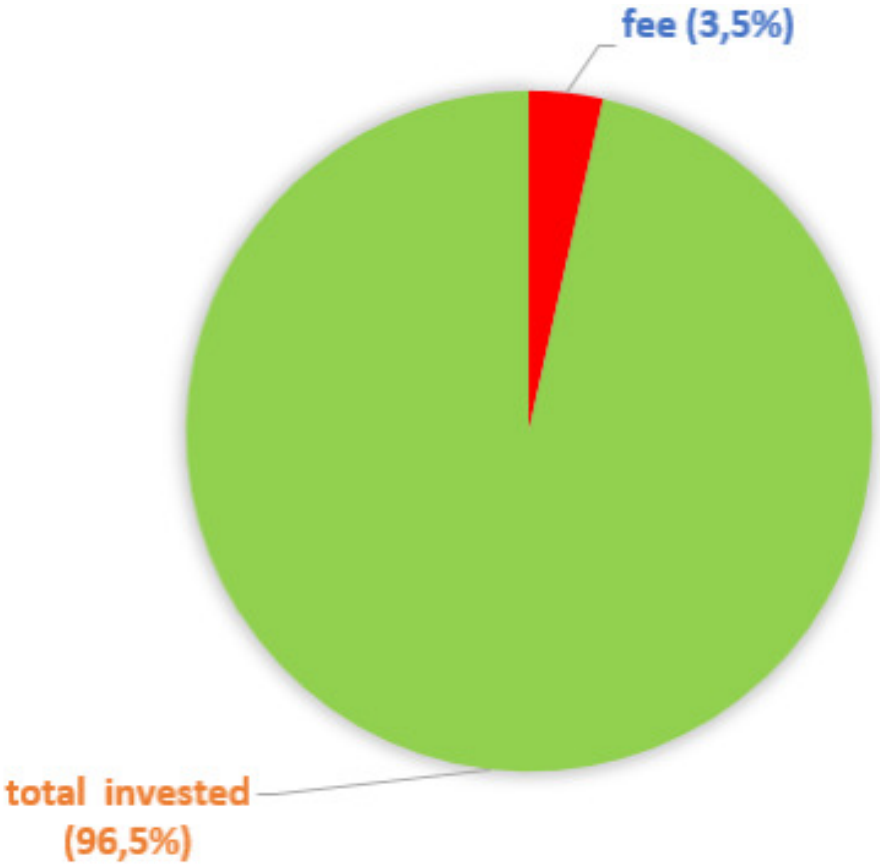
1.3 Perks for Financers

The JP platform offers some special vantages to the investors who seek an easy and safe access to the crypto currencies market:

- A safe cumulative investment among participants ✓
- Low cost interacting ✓
- Full support from JP ✓
- pre-ICO and ICO high bonuses access ✓
- Secure system ✓
- General view of the existing ICOs ✓

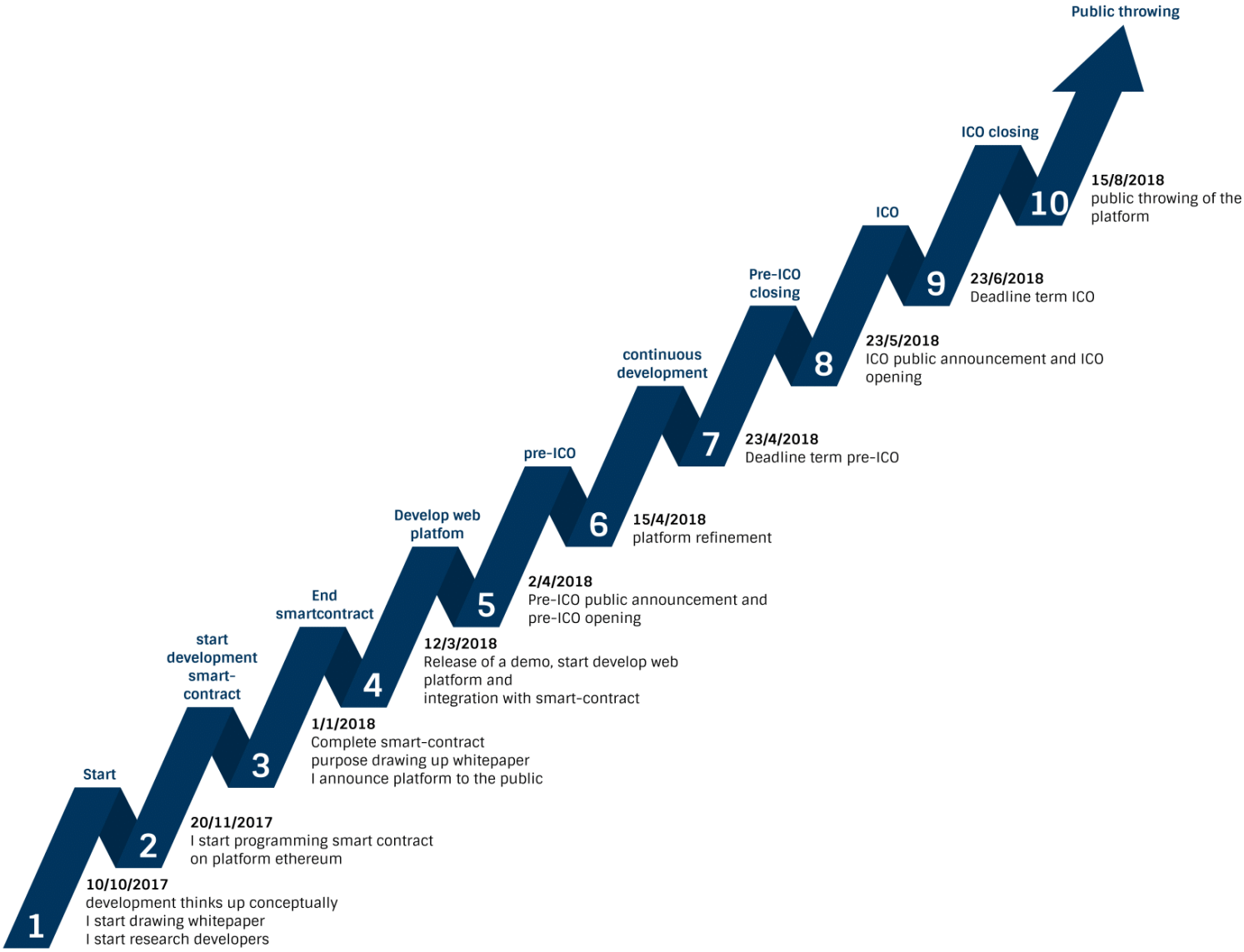
2. Platform Income Models

The platform will hold a success fee, 3,5% from the total investment. This tax is necessary to pay all the block-chain costs and to further the platform's improvement and developing



2.1 JP Roadmap

Start → starting platform development →smart contract complete → pre-ICO →starting public ICO and alpha version → ended public ICO→ final release



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3. JP Tokens

JP itself is already running an ICO-fund-raising activity, selling JP tokens with a base price of 0,4 euros; of course the price can change according to the bonuses that are included in the pre-ICOs and public ICOs.

3.1 Tokens Distribution

Tokens Quantity	*Description*
50.000.000 JPT	Total Tokens

Which are going to be subdivided in:

Tokens Quantity	*Description*
6.000.000 JPT	Available in the pre-ICO (12%)
34.000.000 JPT	Available in the ICO (68%)
500.000 JPT	Bounty Program (1%)
2.000.000 JPT	Al Team (4%)
1.500.000 JPT	Bug Bounty (3%)
2.000.000 JPT	Reserves and future projects (4%)
4.000.000 JPT	Advisors (8%)

- The non-distributed tokens of the pre-ICOs and of the bounty program will be saved for the bug bounty and for the reserves and future projects
- If some non-distributed tokens remain during the public ICO, they shall not be destroyed.

3.2 pre-ICO

As described before, the reserved tokens for the pre-ICOs will be the 12% of the total tokens. So 6.000.000 JP tokens will have a price of 0,4 euros, plus a 60% bonus, will lead to a final price of 0,16 euros per token. The bonus will be applied for any import.

In the pre-ICO there is no soft cap and the hard-cap in the pre-ICO is equal to 960,000 euros.

3.3 pre-ICO Categorizing

Description	*Percentage*
Marketing	35%
Platform development	35%
Administrative Expenses	20%
Developing Team	10%

The described categories will be destined to:

- Marketing: to fund advertisements (online sponsors, newspaper, commercial agreements, radio channels, social networks, exchange… etc.) to make JP more visible.
- Platform development: part to fund all the necessary infra structures to build the final platform
- Administrative expenses: funds for the company itself (necessary tools, legal fees…)
- Security: good part of the funds will have the objective to guarantee a safe platform to the investors, keeping it up to date and monitored.

- Developing team: this part of the funds will be destined for an expansion of personnel. The team will keep the platform running and up to date, and will develop a mobile app (ios)

Note: -- of course, we cannot know the amount of money we will collect, but the remaining funds will be used in marketing and reserves.

3.4 Public ICO

During the 4 weeks of the running ICO, the available bonuses will be two, one for “time”, that will decrease as the weeks pass, and one for “quantity” that will keep its value for all the lifetime of the ICO.

In the ICO the Soft-cap is equal to 100,000 euros and the Hard-cap in the ICO is equal to 10,000,000 euros.

The time bonus is described in the following table:

Time Bonus				
Period	Sent Euros	Purchased Tokens	Tokens Bonuses	Total Tokens
1st Week	1000 €	2500 JP	15%	2875,00 JPT
2nd Week	1000 €	2500 JP	10%	2750,00 JPT
3rd Week	1000 €	2500 JP	5%	2625,00 JPT
4th Week	1000 €	2500 JP	0%	2500,00 JPT

…that will add up to the quantity bonuses:

Bonuses per Quantity	
Invested ETHs	Bonus
0,0218 ≤ ETH < 1	3%
1 ≤ ETH < 3	5%
3 ≤ ETH < 6	7%
6 ≤ ETH < 10	10%
10 ≤ ETH ≤ 20	15%
>20	20%

e.g. in the first week I'm investing 2 ETHs (at the 30th of November the price for 1 ETH is 376,70 €)

2 ETHs = 753,40 €

1883,5 + 20% = 2260.2 JP + 5% quantity bonus = 2373,21

3.5 Public ICO Funds Sharing

The collected funds will be destined to the following elements:

Funds Partitioning	
Marketing	35%
Administrative Expenses	15%
Computer Security	25%
Developing Team	15%
Big Bounty	5%
Reserves	5%

The described categories will be destined to:

- Marketing: to fund advertisements (online sponsors, newspaper, commercial agreements, radio channels, social networks, exchange---) to make JP more visible.
- Administrative expenses: funds for the company itself (necessary tools, legal fees…)
- Computer Security: good part of the funds will have the objective to guarantee a safe platform to the investors, keeping it up to date and monitored.
- Developing team: this part of the funds will be destined for an expansion of personnel. The team will keep the platform running and up to date, and will develop a mobile app (iOS)

- Bug Bounty: in case someone finds some weak points in the JP platform, we believe that it is intellectually correct to give a reward to those who discovered the bug
- Reserves: this part of funds is destined to prevent some non-calculated expenses

Note: -- of course, we cannot know the amount of money we will collect, but the remaining funds will be used in marketing and reserves.

4 Team of the Project

- Pier Filippo Bellucci - He is the founder of the JP Company, with an IT Technician diploma. He is currently serving as an executive in his family company – LEOCOMMERCIAL s.r.l. – in the tourism sector
- Jacopo Venturi – He is the founder of the JP Company, Jacopo graduated at the economical-technical-commercial institute. He is now studying law for the third year at the Florence University. He is also a provincial leader of a youth political movement.
- Alessandro Gasparri awarded in information expert, at present student close to the faculty of informatics of the University of the studies of Florence. It has a wide working experience in the sector and expert planner of smart contract and IOS/Android
- Gabriele Fedi, with an IT Technician diploma, is now studying computer engineering at the Florence University. He has got a huge working-experience in this sector, and is also a very good Smart-Contract and iOS programmer.
- Deniz Koxha, economics and management student at Florence University, scientific high school graduate. Involved in cryptocurrency's world since 2015.