



A TOKEN SPECIFICALLY DESIGNED TO PROTECT MINORS WITHOUT  
DENYING THEM THE FREEDOM TO GROW IN AN EVER MORE  
TECHNOLOGICAL ENVIRONMENT

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# INTRODUCTION

- Junior Coin (JC) is a modular virtual environment composed of a series of applications and services, which focus on combining parents' demands with children's needs.
- The goal of this project is to provide them a safe environment in which they can grow and acquire self-awareness in technology usage.
- JC realizes a token that allows purchasing of activities, services and products suited for minors and suggested by parents, in a context of security, protection and valorization of infancy and adolescence.
- The tokens can be generated even by non-juniors through socio-cultural activities, activities of public interest addressed to children or elderly, assistance in public gardens or outside schools, etc.



# FEATURES

Reward System

Junior Web

Junior Trade

Junior Events

Junior Feed

JC Coin



# REWARD SYSTEM

The reward system is the core to involve and valorize the efforts of minors into educational, social activities and sports for the personal development and for other minors.

In this way a minor by spending his time in educational activities or on development of competences and capabilities, or in sports or other social and cultural activities can gain coins on the platform which can spend in the environment for his/her pleasure, in a similar way when he has a good behavior to obtain pocket money by parents.



# JUNIOR WEB - 1/3

The goal of Junior Web is to create a modular technologic solution, composed by a series of applications, capable of a preemptive and constant analysis between both web sites and conversations or exchanged material over the internet.

The considered macro areas to put under control for safeguarding children and kids are essentially three:

- Pedophiles and pedo-pornographic material
- Pornographic material
- Dangerous contents (for example undesired messages or applications that may cause malfunctions)

Furthermore, on users' devices to be protected, the proposed solution will lead to the installation of a “smart sentinel” capable of filtering potentially dangerous contents.



# JUNIOR WEB - 2/3

From the analysis of images/videos it will be possible to preemptively classify a website, denying access to children and kids if it's dangerous; such web address will be part of a blacklist of websites not to visit.

Another great potential is given by semantic analysis of content, both as static material located on websites and classic types of synchronous or asynchronous communication, such as chats, instant messaging, forums, social networks, etc.

The solution offered by Junior Web is composed of a web server platform with a portal of browsing start (server), a client system for the user constituted by a browser specifically built for kids and a parent area accessible only with a digital key or password, in which to block usage of other browsers or manage filters generally on search engines.



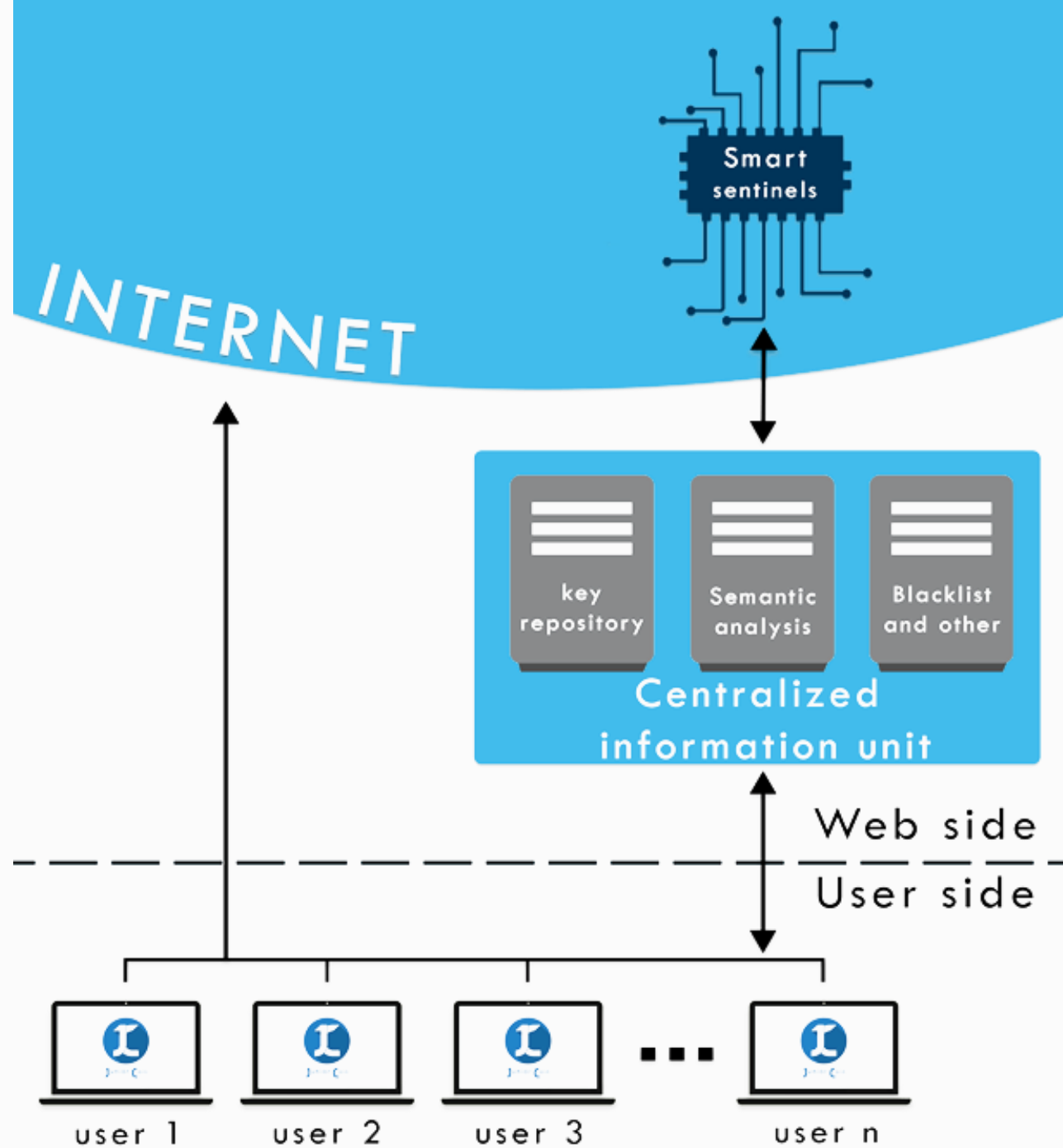
# JUNIOR WEB -3/3

Among the innovative aspects of the project we can therefore synthesize:

- Pornographic websites block;
- Pedo-pornographic websites block;
- Dangerous content block;
- Semantic analysis of static content (forums, for instance);
- Semantic analysis of dynamic content (chats, for instance);
- Image analysis (for example texture types analysis and/or people detection);
- Video analysis;
- Automatic update of the allowed websites list: every and each user who bumps into a non-listed website will perform an analysis in order to classify its goodness; the results of such analysis will automatically be inserted in the allowed websites list both locally and within the central unit;
- Block of non-allowed programs;
- Saving of page viewed history (protected folder);
- Usage of a specific digital key or password to manage and possibly disable protection;
- Usage of a proper technology capable of preemptively classify websites and update the central system







# JUNIOR TRADE

Junior trade is where the advertisements carried out by juniors take place in the platform. Every advertising will be visible to other juniors in the surrounding area. It will be possible to insert advertising related to everything, as long as they are safe. So, we are talking about tutoring, exchanging and/or selling of games, films, books, tickets etc.

Junior Trade exists to offer a safe space in which the junior will be able to buy, sell or exchange goods/services knowing that there will be always another child or kid like him on the other side.

A maximum distance range can be set as well as other filters such as product categories, price range and of course there will be a search bar.

Naturally bartering will also be allowed, as this is a typical activity among children which develops the ability to relate with others and to increase the abilities of children and young people to give value to what they possess or desire.



# JUNIOR EVENTS

Junior Events is a service being part of the wide JC virtual environment, that allows being always updated on the most recent events devoted to juniors.

The events in question always fall within a value-based context with a view of growth and minor protection, in this case such events may be sporting, cultural or social and aimed at mutual understanding and inclusion.

We want juniors to make friends and grow also from a social point of view, thus fighting non-inclusion and solitude which is unfortunately suffered by some children and kids, who make a bad use of ICT.



# JUNIOR COIN

## FOR ADULTS

JC wants to be a mean of value-based growth, capable of educating and stimulating. With this in mind, a series of useful instruments were thought for all those people who want to make and to offer a social and educative contribution.

Each of the following activities may be carried out by a person of full age, that will receive some tokens in return. These are and will remain for use of minors and for this reason the tokens generated through these activities won't be usable directly by those of full age but may be sent to juniors or exchanged in FIAT.

- Activities against vandalism
- Activities against bullying
- Minors-related socio-cultural activities
- Community service and activities of public interest targeted at children and/or elderly
- Assistance in public parks, schools

Organization and management of recreational activities.



# JUNIOR COIN

## FOR MINORS

JC offers a revolutionary reward mechanism for minors, that runs in an automated way thanks to smart contracts technology.

A parent will have at his/her disposal an easy and straightforward way to educate and incentive his/her son in the achieving of both formative and qualitative goals, rewarding him/her with tokens which can be spent on the platform.

For each goal, the parent may set a specific amount of tokens attributed as a reward in case they are achieved.

Once the goals set by the parent are achieved, tokens will be deposited instantly and free of charge on the son's account. It will be possible to realize a multitude of goals, each and every one chosen and realized by the parent according to his needs through a simple graphic interface.





# Junior Coin

## For Investors

# ECONOMICAL FOCAL POINT

Thanks to Junior Coin's peculiarities which make possible to combine the parents' needs with those of their sons, it will impact over different sectors such as e-commerce, parental control, education.

In general, statistics and studies available online confirm the unstoppable rise of online shopping basically in every market.

The only category in which the online sales double the in-store ones is that of entertainment products, namely books, music, films and videogames followed also by toys

Young people prefer online purchases more and more for a multiplicity of reasons:

- Comfort,
- Convenience,
- Safety,
- Variety,
- Confronting prices,
- Better prices.



# COMPETITORS AND COOPERATORS

- Such tools are more and more catching ground and as of today they are present in many apps, programs or even integrated in operative systems, browsers or web platforms. The market leaders are **Qustodio, ContentWatch, Kaspersky and Symantec**.
- As of today, parental control consists mainly in limitation of web contents. Anyway, parental control is just a minor part of JC
- JC framework is a virtual environment regarding the real world where minors can spend their time in a protect virtual world full connected to the real world.
- One of the key features that is offered only by us is an economic tool for minors, safe and controlled using blockchain technology, so that they can learn the value of money and they can manage their economical in a sort of business simulation.
- We offer buying power to children and kids and a portal in which they can purchase products and services especially thought for them.

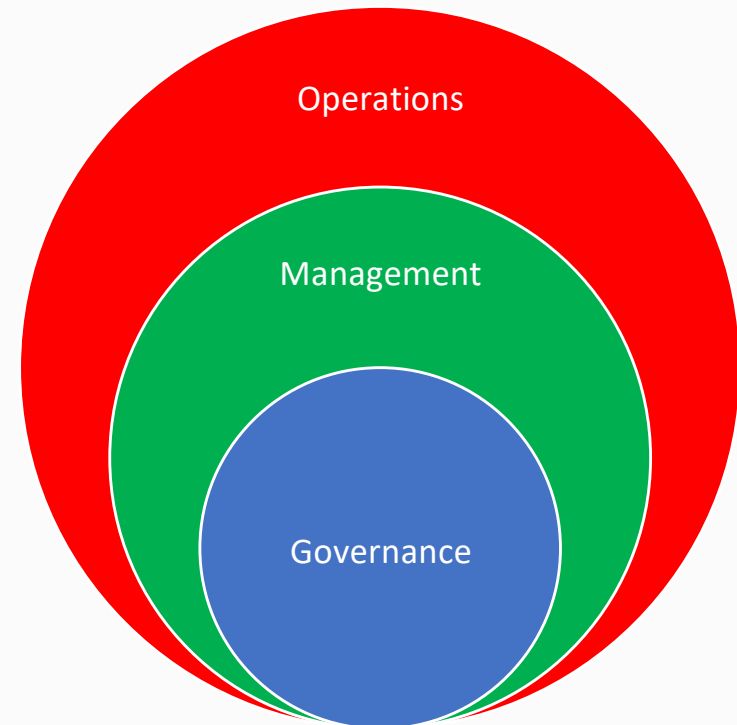




# MINING POOL FOR PRODUCING JC

- The Mining Pool (MP) of JC, from now MP- JC, is the structure that is part of the production of JC in relation to the activities planned and implemented in accordance with the macro-tasks considered above.
- The MP-JC can be deconstructed into three distinct functional areas:
  - Governance,
  - Management,
  - Operations,

in relation to the actual tasks to be carried out for the production of a JC.



# JC DISTRIBUTION RULES – 1/6

Here we describe the fundamental rules of JC Tokens distribution.

1. JCs can be transferred by their owners to whoever they want.
2. JC is not implementing any fee for blockchain transfers, but senders/buyers will have to pay the standard ETH transaction fee as they would do for any other token transfer based on the ETH blockchain. This fee is not related to and controlled by JCs;
3. JCs stored on the board of directors' accounts are locked: i. Each account contains a different number of tokens, as detailed at the moment of subscription; ii. Each account is unlocked after one year from the publication of the smart contract on the blockchain; this rule is enforced by the smart contract; iii. Each account can release alpha tokens according to the following mathematical rule:  
$$\text{alpha} = \text{Token\_Sold\_To\_Public} / (0,75) B * \text{Director\_Assigned\_Tokens}, \text{ with } B=5.000.000.000$$
iv. Board of directors' accounts are communicated immediately at the moment of subscription
4. JC price is fixed at pre-sale-time 1 EUR = 1 JC;
5. JC price will change on future emissions;
6. Minimum purchase by FIAT currencies and altcoins, but ETH, is set at 100 EUR;
7. Conversion rate, applied to calculate the amount of JC s issued, is the one existing at the time JC receives the paid amount.



# JC DISTRIBUTION RULES -2/6

8. Minimum purchase by ETH is set at 10 EUR: i. Sending ETH to the company account will cause the system to check the cross ETH/EUR price and release an equivalent amount of JC; ii. ETH/EUR price is checked every 1 minute, before the exchange phase while later you can follow the market tick; iii. If the amount of ETH sent to the company account is less than the amount needed to buy 2 JCs, the transaction is declined and the amount, deducted of the ETH fees, returned to the user; iv. As usual, the only fee users will incur to buy and transfer JC is that implemented by ETH itself, which is not related to and collected by Junior Coin.
9. Pre-sale terminates when JCs on the company account are sold out or after six months from the starting date of pre-sale or as better detailed on the web portal;
10. Project share quota are divided and shares proportionally with JCs owners in the form of JCs. JCs have shared automatically to JCs owners on the exact date and time of JCs distribution which will be announced from time to time on the website; i. Project share quota are calculated taking into account the income generated by Junior Coin Project; ii. Project share quota might be distributed or not distributed, according to JC appreciation.
11. JCs which are not acquired into pre-sale phase will be destroyed.



# JC DISTRIBUTION RULES – 3/6

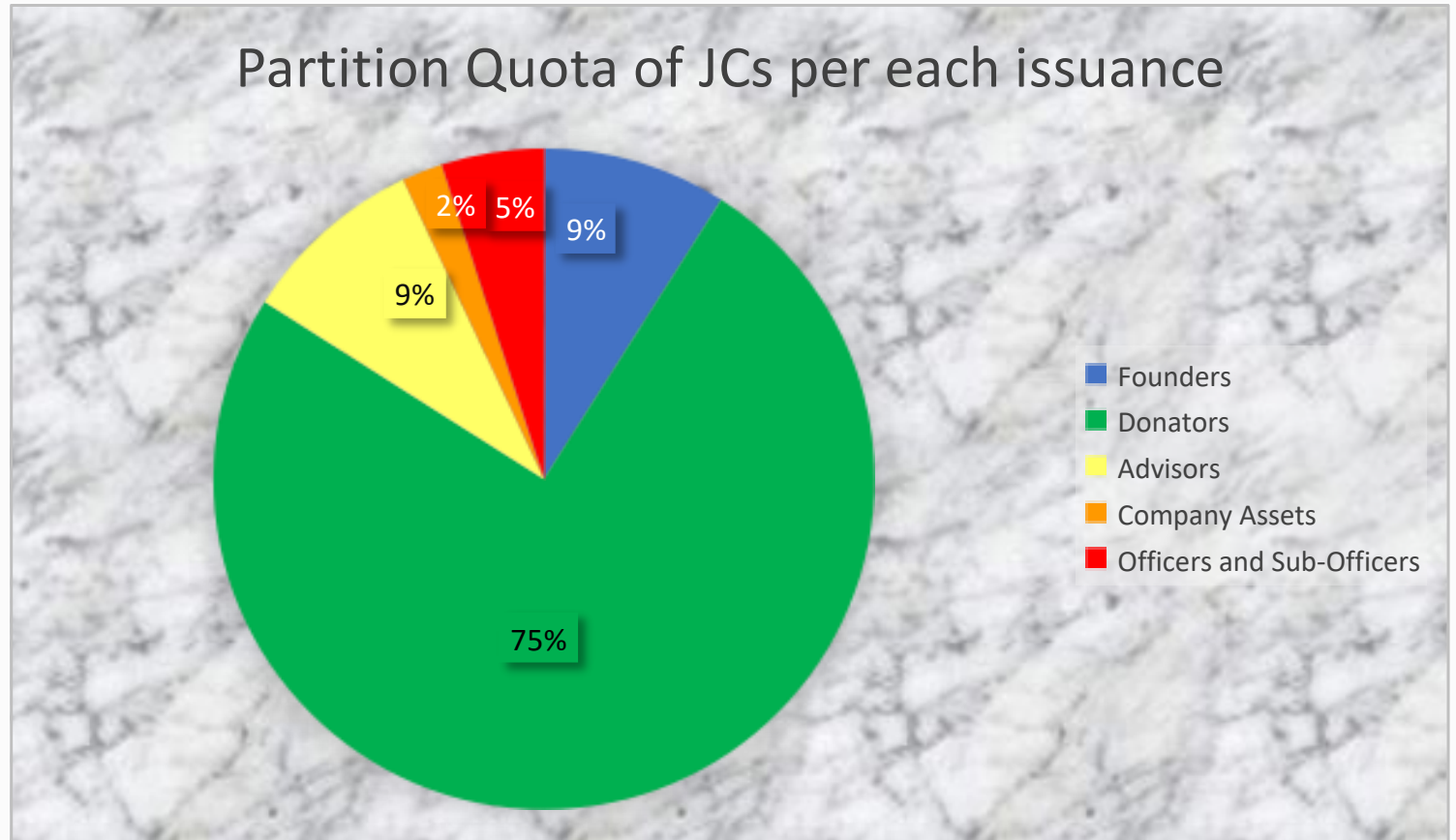
12. JCs held by users can be controlled only by their respective owners. Nobody at Junior Coin project can lock, destroy, transfer, recover passwords, secret keys, or interfere in any way with users' JCs;
13. During the normal activity after pre-sale phase, JCs which are not sold will not be destroyed since they are an asset, while they can be used in any time by the Junior Coin project; in addition, the assets will produce a proportional reduction of next emission or the reacquisition of JCs from the partner or the market so that the equilibrium between JC and collaterals is preserved;
14. JC are not company shares: consequently, do not guarantee to users vote for decisions.



# JC DISTRIBUTION RULES – 4/6

In the different emissions the JCs are divided according to the following algorithm:

- Q1. Founders: 9%
- Q2. Investors/Donators: 75%
- Q3. External Advisors: 9%
- Q4. Company Assets: 2%
- Q5. Company Officers: 5%



# JC DISTRIBUTION RULES – 5/6

Q4 is a portion that has the role of performing a compensation function in the event of anomalous market fluctuations or to provide liquidity to the project at particular times of utility.

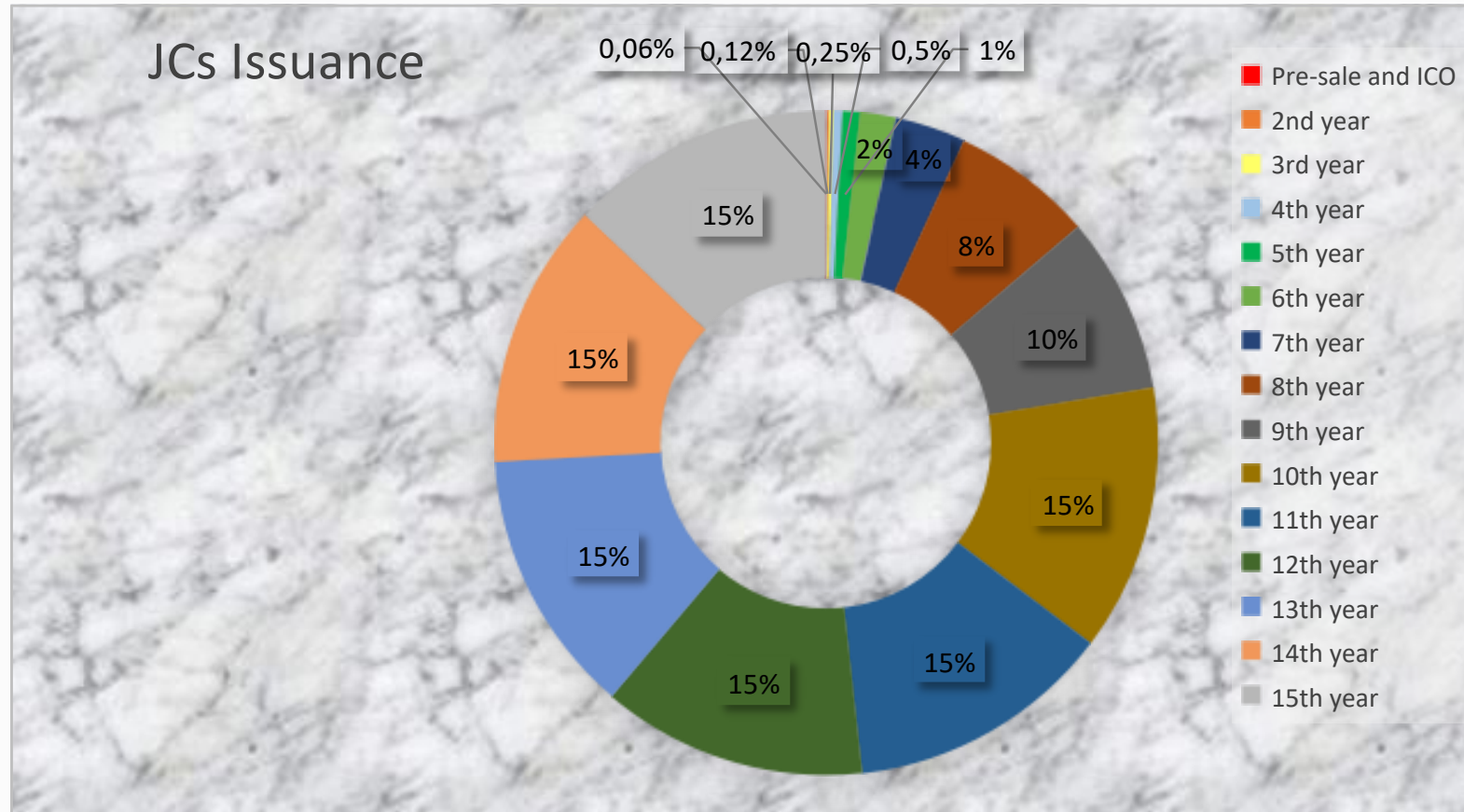
Q5 is divided into three parts with the following percentages between Governance, Management and Operations:

- Governance: 40% of Officers Share;
- Management: 30% of Officers Share;
- Operations: 20% of Officers Share;
- Support Staff: 10% of Quota Officers,

where for Support we mean all the non-managerial staff who performs support, accompaniment and collaboration to the planned and cataloged activities. If this quota is not allocated, it will be divided among the Officers according to the above quota.



# JC DISTRIBUTION RULES – 6/6



- This scheme takes into account the typical time of pervasion for a new technology or methodology in a very prudential way; in fact as you can see from the graph our issuance considers to release coin with a linear incremental method with a multiplication factor of about 2 at the beginning.

# PRE-SALE TIME

- 2.250.000 JCs reserved to Investors/Donators,
- 270.000 JCs reserved to Founders,
- 270.000 JCs reserved to Advisors,
- 60.000 JCs reserved to the Company,
- 150.000 JCs reserved to the Staff.

For a total of 3.000.000 JCs.

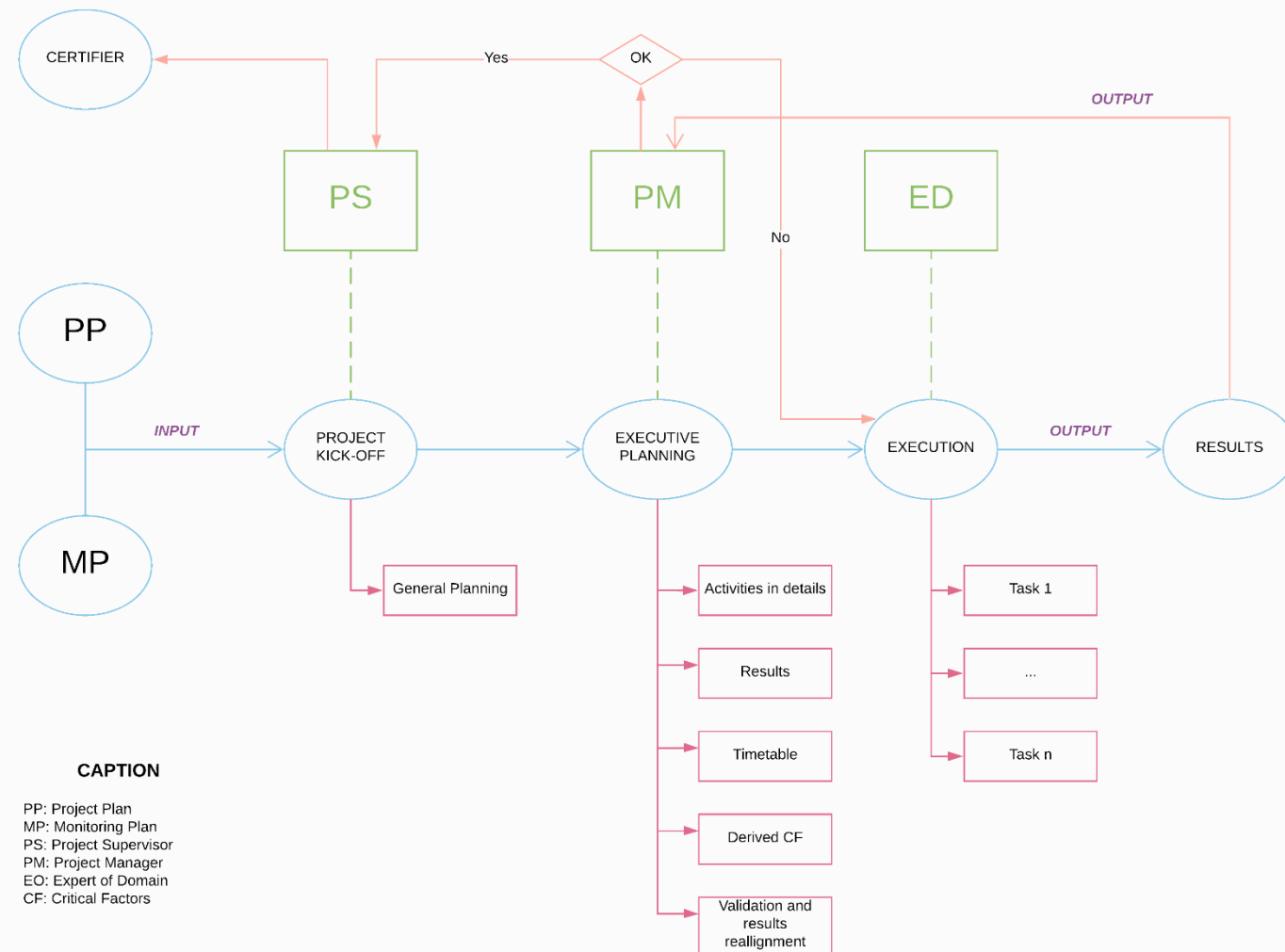
The coins reserved for board members and founders and staff will be locked and released only when issuances are made; a percentage of the reserved coins will be released, which is equal to the total percentage of coins issued. This mechanism is ensured by the smart contract and it makes sure that no member can release its coins causing inflation. To make an example, if at a certain time 10% of the total coins are released to the market, 10% in the hands of the other parties or destined to future emissions will be available for selling, while the remaining 80% will still be locked.

When the price of JCs increases, new JCs will be issued at the current market price. This will increase and consolidate the value of the previously issued coins. In fact, the value of assets will not rise as fast as that of the JCs. We will take advantage of this phenomenon to create value for everybody. This concept is shared in most of financial project and real estate cryptocurrency. In fact, thanks to new issuance the project will have new liquidity to buy assets continuing in this way the value creation.





# EVALUATING FOR VALUE CREATION: THE DETAILED MINING PROCESS



The image features a solid blue background. On the left side, there are three vertical, wavy lines of varying shades of blue and white, creating a decorative border. The text 'OUR TEAM' is centered in the right half of the image.

# OUR TEAM

# RESEARCH AREA



Prof. Gerardo Iovane  
Scientific Coordinator



Prof. Michele Nappi  
Research Coordinator for ICT



Prof. Genoveffa Tortora  
Research Coordinator Database



Prof. Luigia Puccio  
Coordinator Token Valorization  
and Numerical Analysis  
Perspective

# ICT TECHNOLOGIES AREA

ROLE	NAME
Testimonial in needs and desires of youth	Giovanni Iovane
Expert Advisor JC Technology	Dr. Giovanni Danese
Expert Advisor for JC Technology	Dr. Marco Polito
Technological Platforms Manager	Dr. Germano Ingenito
Server Solution Manager	Dr. Riccardo Amatore
Client Solution Manager	Dr. Angelo Passaro
Manager of Technologies for JC computing	Dr. Marco Cipriano
Drone Technology Manager	Eng. Umberto Mariniello
Manager for JC Technology	Dr. Antonio Rapuano
Expert for JC Technology	Dr. Attilio Della Greca
Expert for JC Technology	Dr. Andrea Sessa



# ECONOMIC, FINANCIAL, LEGAL AND COMMUNICATION AREA

ROLE	NAME
Crowdfunding Manager	Prof. Luca Sensini
Crowdfunding Manager 2°	Dr.Marcello Vitale
Coordinator of the Taxes and Financial Management Area	Dr. Fabrizio Cerrato
Manager of Compliance and Risk Management Area	Adv. Marco Cocilovo
Strategy Area Manager	Dr. Fabrizio D'Aloia
Legal Area Manager	Adv. Himmanuel Emilio Rinciari
Communication Area Manager	Dr. Mariella Stivala

