



TECHNOLOGICAL RESEARCH AND DEVELOPMENT
INSTITUTE SINERGIA BLOCKCHAIN

WHITEPAPER



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INTRODUCTION



The advances in technology that have occurred over the last decades have dramatically transformed the way we live. Many of these advances have made it easier for us to carry out daily activities in different fields, so the way we work, learn and communicate has changed little by little along with the evolution of technological concepts. Just as the emergence of the internet caused an unprecedented transformation on the planet, in recent years the development of Blockchain Technology has been evident, making it possible to identify the enormous potential of its characteristics in a multidimensional field of application, which can contribute to the developing solutions to current problems.

We understand that, currently, the development of nations is directly related in the way in which their activities are related to technology and innovation, that is why as Latin Americans we consider that the study of Blockchain Technology is of vital importance in order to take advantage of the opportunities in our territories and become solution developers at local, regional and global levels. The SINERGIA BLOCKCHAIN Research and Development Technological Institute was born essentially under the premise of promoting the study, research and development of this technology in Latin America, so that in this way we can contribute significantly to what is already being carried out worldwide .



1. LATIN AMERICA AND THE GLOBAL CONTEXT

Latin American countries, like many countries worldwide that are in the process of development, present a number of social problems, among these we have poverty and unemployment.

Most of the initiatives to solve various social problems come from private capital.

However, there is still a need to join efforts on various issues. According to the new ECLAC-ILO report, it indicates that the increase in regional average unemployment (Latin America and the Caribbean) in 2016 was the largest annual increase in two decades. An analysis is also provided on the characteristics of the insertion of immigrants in the world of work.

In summary, the report shows concern about the increase in unemployment, we quote: "The average urban unemployment rate in Latin America and the Caribbean will increase again in 2017 to 9.2%, in a year marked by modest economic growth that It will not be enough to counteract the weak conditions of the labor market, according to a new report released today by ECLAC and the International Labor Organization (ILO).

In the new edition of their joint publication Job Situation in Latin America and the Caribbean, which analyzes the performance of the regional labor market in 2016, the two organizations point out that in that year the urban unemployment rate increased to 8.9% from 7, 3% in 2015, the largest annual increase in more than two decades, which has been attributed to the deepening of the economic crisis expressed in a second year of contraction of gross domestic product (GDP) .

In view of the modest regional economic growth of 1.1% that ECLAC and ILO estimate for the current year, it is very likely that the conditions of weakness in the labor market will continue in 2017, particularly with regard to the creation of new jobs. and to the characteristics of existing and future jobs.

1. URBAN UNEMPLOYMENT RATE



The outlook remains bleak when we review the figures globally, according to the ILO. The study on global job and social prospects indicates that the number of unemployed will increase again this year and will go from 197 million in 2015 to 199 million in 2016. .

It also foresees another increase in 2017 and estimates that 1.1 million people will join the ranks of the unemployed that year.

The study indicates that many women and men are forced to accept low-wage jobs in emerging and developing countries. So it calls for generating more decent employment to avoid the risk of social tensions.

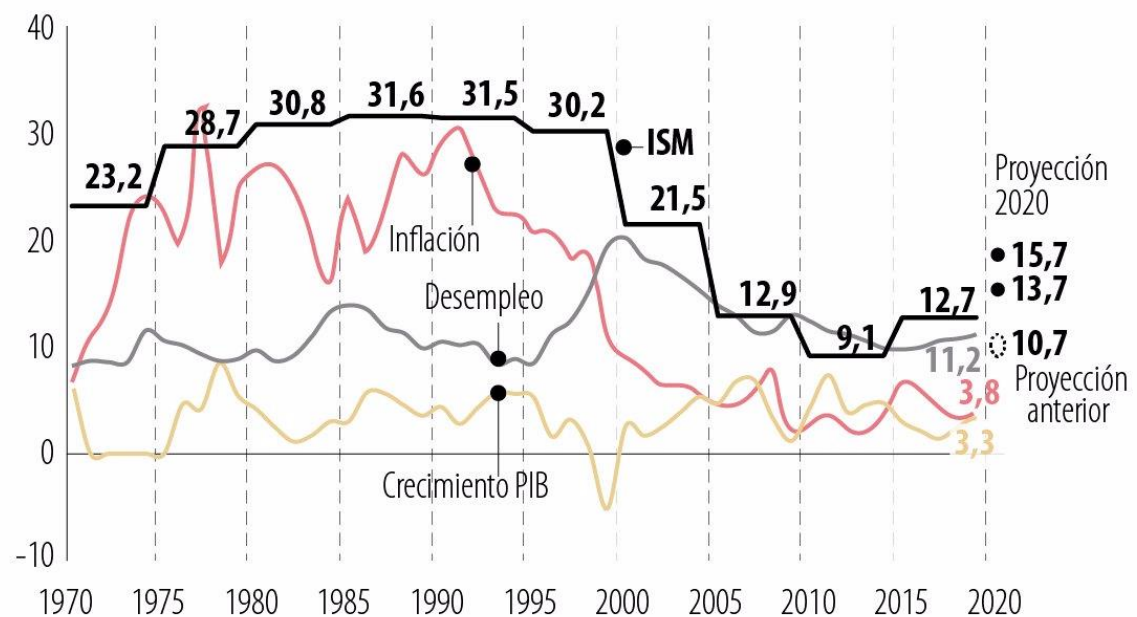
It also highlights that vulnerable employment affects 46% of workers globally, equivalent to 1.5 billion people.

In emerging and developing economies, this trend is even more serious because it impacts three-quarters of those who have a job. The highest peaks occur in Southeast Asia with 74% and 70% in Sub-Saharan Africa.

Informal employment is also 50% higher in less developed nations. A third of these countries have an informal employment figure of 65%.


ÍNDICE DE SUFRIMIENTO MACROECONÓMICO INFLACIÓN + DESEMPLEO - CRECIMIENTO ECONÓMICO

(%, 1970-2020)



Fuente: Cálculos ANIF con base en Dane

Gráfico: LR-GR



The Sinergia Blockchain team determined that these problems continue to increase due to the lack of public policies that can mitigate the root problem, but it is also established that it is the income of families that determines the quality of society that we will have in the future. If income is lacking, greater social problems are generated.

Ultimately, it can be concluded that unemployment is NOT the problem, but rather the lack of family income. It is here where we can apply the phrase that says: "Today you don't have to go out and look for a job, you have to create it."

We understand that the only way to achieve development is by promoting and supporting entrepreneurship, but also by educating and training families in matters of financial administration and in generating new sources of income.

And most importantly, being able to use Blockchain technology as a tool in each of the social fields, in order to fulfill our mission and objectives.

Currently, Blockchain technology is being the focus of study and development in many countries of the world, especially in Europe and Asia, and its conceptualization has been becoming more widespread worldwide, changing paradigms in different areas, especially in the economy; This is why, as Latin Americans, we believe that it is important that we contribute from our territories to the research and development of new solutions that promote the total acceptance of this new technology.

2. WHAT IS SINERGIA BLOCKCHAIN?

The Institute of Research and Development **SINERGIA BLOCKCHAIN** is a non-profit organization legally established in Colombia with the purpose of carrying out activities aimed at the research and development of solutions based on Blockchain Technology, in areas such as health, democracy, economy and education. Thus promoting development and quality of life in nations.





3. SINERGIA BLOCKCHAIN OBJECTIVES

- Promote Blockchain Technology Research to develop applied solutions in fields such as health, education, the financial system, and communications.
- Promote knowledge of Blockchain in the community in general to eliminate the barriers that make it impossible for concepts from this technology, such as cryptocurrencies, to have a better acceptance in the community.
- Boost the demand for crypto assets in the world market, developing activities that give dynamics to the market.
- Support entrepreneurship and innovation activities that generate technological, economic and social value.



4. STRATEGIC PLANNING APPROACHES

The Sinergia Blockchain Research and Development Technological Institute, under a long-term vision, conducts its activities in three essential approaches that guarantee the achievement of the objectives and the viability of Institutional projections.

These approaches are:

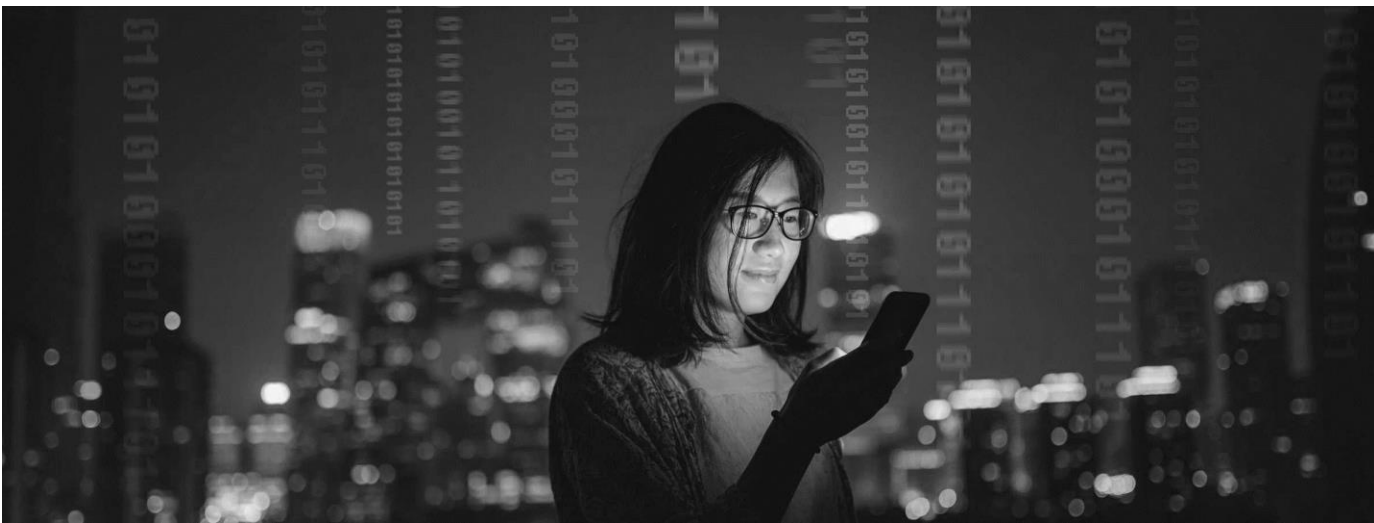
- Research and Development Approach.
- Long-term sustainability approach.
- Focus on usability and market positioning.

4.1 RESEARCH AND DEVELOPMENT APPROACH



Intensive and constant research, as well as the assertive exchange of information on a global scale allow the development of applied solutions to real problems. For this reason, Blockchain Synergy is committed to joint research with the Blockchain Community worldwide with the aim of building knowledge that allows developing solutions in Blockchain technology.

4.2 LONG-TERM SUSTAINABILITY APPROACH



In order to sustain the research processes and achieve effective results, it is necessary to carry out related activities that generate value and contribute to the sustainability of the Institute to guarantee its operation. These activities will be mainly trading and electronic commerce, as well as some others related to entrepreneurship and e-learning.

Entering already consolidated areas such as construction and finance will provide confidence for the acceptance and consolidation of new instruments such as cryptocurrencies.

4.2 **U**SABILITY APPROACH AND POSITIONING IN THE MARKET.



To achieve a market position and achieve significant valuation, it is necessary that a cryptoactive can be used for commercial exchange and thus the relationship between supply and demand will be in charge of establishing a price beyond speculation, that is why the SNG Sinergia Token It has been provided with "usability" almost immediately to its distribution, since it can be used as a means of payment on our e-commerce, e-learning and project management platform.



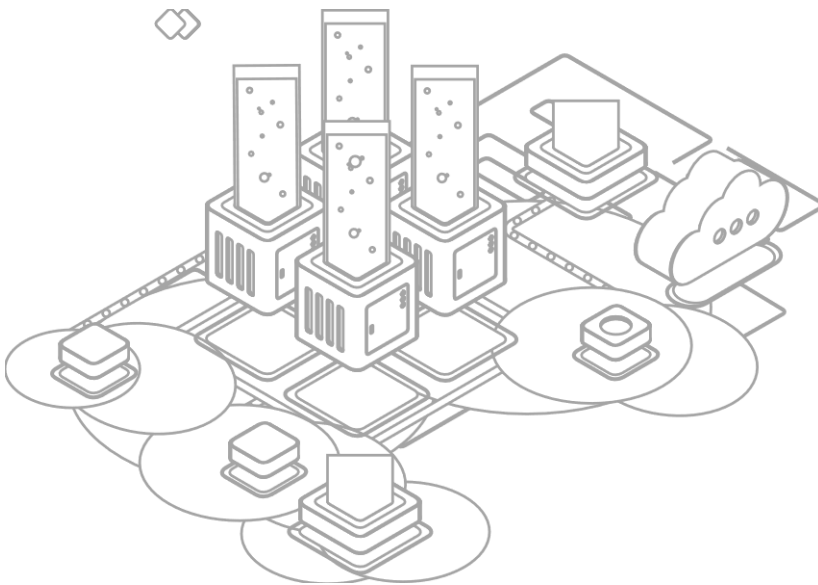
5. DEVELOPMENT AREAS

To fulfill the organizational objectives, we have developed a work system made up of 6 interdependent areas that are structured so that they are not only self-sustainable, but also generate growth for the organization as a whole. These fields of action are:

- Blockchain Research and Development
 - Bank of entrepreneurship and innovation projects
 - Microcredit platform
- Trading services platform
E-learning platform
Electronic commerce platform with cryptocurrencies.



5. RESEARCH AND DEVELOPMENT (Blockchain-Lab)



AREA: 1600M2

PLANTS: 3

-Laboratory Equipped for the development of research and experimental processes. -International Blockchain Auditorium

-Trading room

-Store

-Intelligent building

-Renewable energy sources.

-E-learning classroom

-Administrative office

-Library

The Sinergia Blockchain Research and Development Technological Institute will implement a specialized laboratory that will serve as the main headquarters for Blockchain Technology research, this as a long-term project, from there the concepts and real solutions will be developed, in addition it will fulfill the function of meeting and study center for the community with the aim of bringing ordinary people closer and disseminating the knowledge of this technology, it will also be the place for international forums that promote collaboration between countries to tackle problems through technology common. It will become a meeting point for innovation, training and continuous growth.



5.2 PROJECT BANK AND INNOVATION

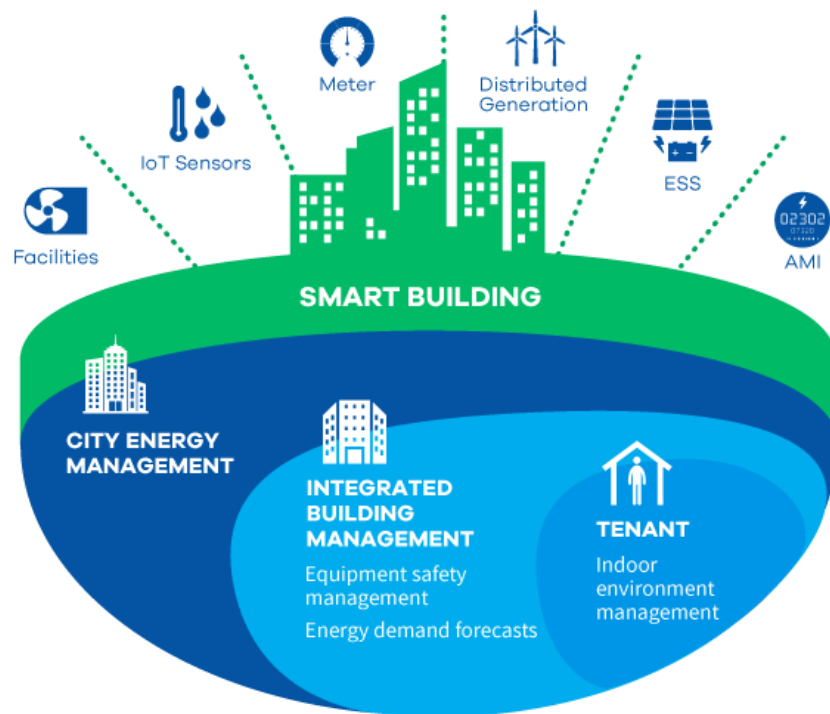
Currently, carrying out an entrepreneurial idea in a satisfactory way is quite complicated since in its achievement different factors converge that complicate the process, making it impossible for new ideas to float and generate benefits. The ignorance of planning tools, strategy formulation and indicator analysis among others, make very good ideas fail and if we add to this lack of training the difficult access to capital, due to the rigidity of the banks and the excess requirements, we are facing the perfect scenario for the stagnation of development, for this reason and with the aim of promoting a more favorable scenario for entrepreneurs, the Technological Institute of Research and Development SINERGIA BLOCKCHAIN will become a strategic ally of entrepreneurs, giving them the opportunity to present your project to a group of experts.

The best ideas that enter the project bank will be selected and the SINERGIA BLOCKCHAIN team will actively participate in its implementation, not only with financial support (in supplies, machinery, and equipment), but also with technical assistance and professional follow-up.

Interested persons may participate in the calls by completing the form on the organization's website, and the selection and evaluation processes will be reported there.



5.2.1 SMART BUILDING

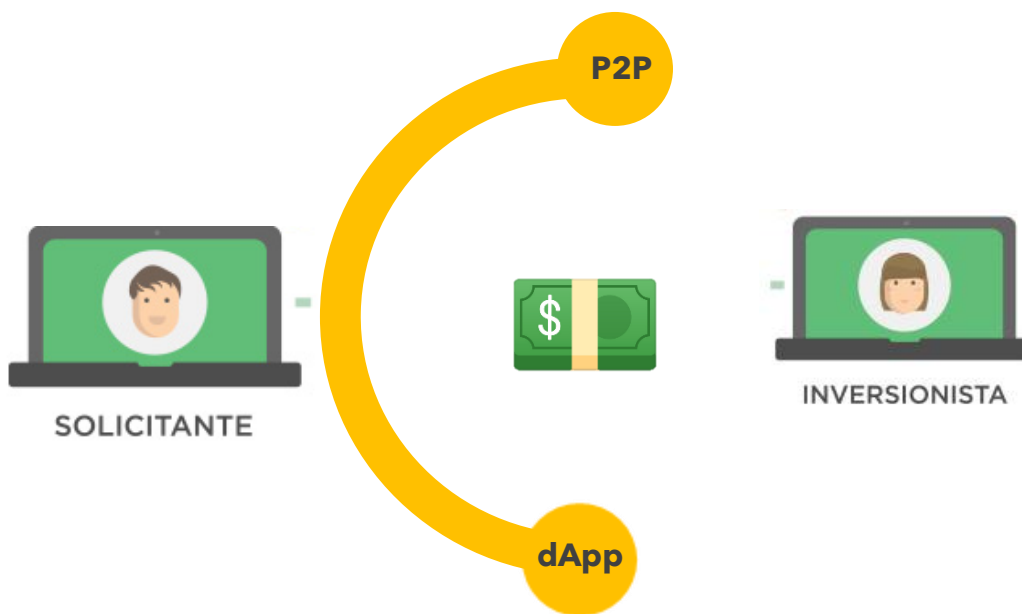


Our concept of smart buildings goes beyond simple process automation. We develop a concept of self-sustainability based on productivity.

Our buildings integrate Blockchain technology, IOT, alternative energy and imotics.

The SNG Token will serve as a means of payment in the sale process of the Real Estate projects of Sinergia Blockchain.

5.2.2 SINERGIA LOANS



Sinergia Loans, will be a platform that will allow access to micro loans, ideal for the unbanked population. It will allow connecting lenders with borrowers, establishing the percentages of interest, forms of deposits, and duration of contracts, all processes will be tokenized using Blockchain.

5.2.3 SINERGIA STAKING

Staking is a process by which funds deposited in a cryptocurrency are maintained, with the aim of supporting the operations of a Blockchain network. In essence, it consists of keeping the cryptocurrencies locked in said deposit in order to receive rewards. In most cases, the process depends on the participation of users in Blockchain activities through a personal cryptocurrency.

SNG Users will be able to receive rewards through a Dynamic Staking system, for the tenure and constant flow of transactions with SNG.

PROOF OF STAKE (PoS)



5.2.4 SINERGIA H2O

SINERGIA H2O, Our token will also be backed by water, water suitable for human consumption, with unique quality, an SNG token will be backed by 10 liters of water for consumption.

For this, the company has more than 200 hectares with water, forest and flora and fauna reserves, located in the department of Putumayo Colombia, and in Cundinamarca, Colombia.

Project that takes place in the second semester of 2021.



5.2.5 **ATM NETWORK**



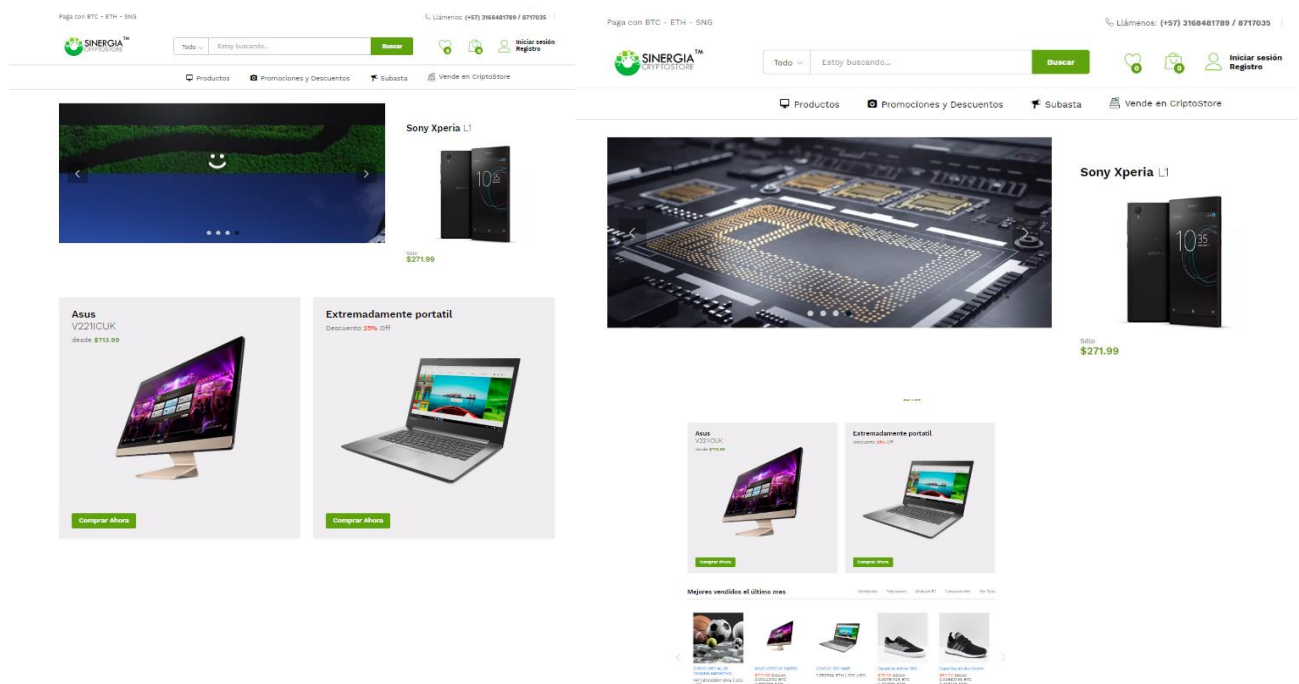
We will consolidate a network of ATM terminals, for the purchase and sale of cryptocurrencies, favoring the recognition of SNG as a reliable and useful Cryptoactive.

We already have the first Bidirectional Terminal at our main headquarters, thus strengthening the SINERGIA ecosystem, favoring the positioning of the Token globally.

5.3 ELECTRONIC COMMERCE PLATFORM WITH CRYPTOCURRENCIES

In order to boost the cryptocurrency market in Latin America and the world in general, an e-commerce platform is operating: Sinergiacryptostore.com, whose payment method will be cryptocurrencies, initially Sinergia Blockchain will put on sale a catalog of technological products, such as computers, smartphones, computer accessories, printers, components, televisions, among others, which may be purchased with BTC, ETH, the Token of Sinergia Blockchain and others that are considered later. Similarly, the platform will expand its services so that the community in general can sell and buy products not only of a technological nature but of another type.

It should be noted that when paying with the Synergy Blockchain Token, you will receive special discounts and redeemable points on future purchases.





6.1 TOKEN SINERGIA *SNG*

Represents a contribution made in the contribution campaign, All token holders are beneficiaries of obtaining said token and have the right to be able to sell and trade it in the different exchanges, exchanges or stores where it is accepted.

Name: SINERGIA

Symbol: SNG

Total quantity:

20,000,000 (Twenty million) Token Sinergia Adjustable:

YES, all tokens will be distributed

Initial ratio of each token SINERGIA:

1 SINERGIA = 0.2 USD

Blockchain: Ethereum

Block Explorer:

<https://etherscan.io/token/0xcfd6ae8bf13f42de14867351eaff7a8a3b9fbbe7>

Exchange: <https://www.coinlim.com/#/dashboard>

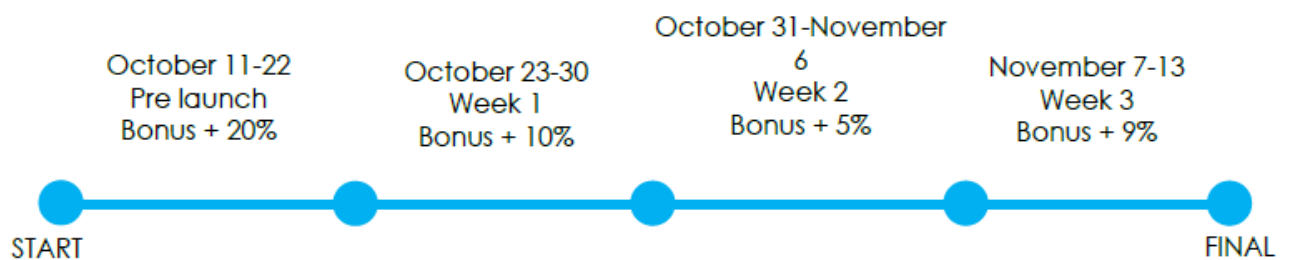
<https://www.etherflyer.com/trade.html?pairs=SNG-ETH&market=03>

Coinmarketcap: <https://coinmarketcap.com/currencies/sinergia/>

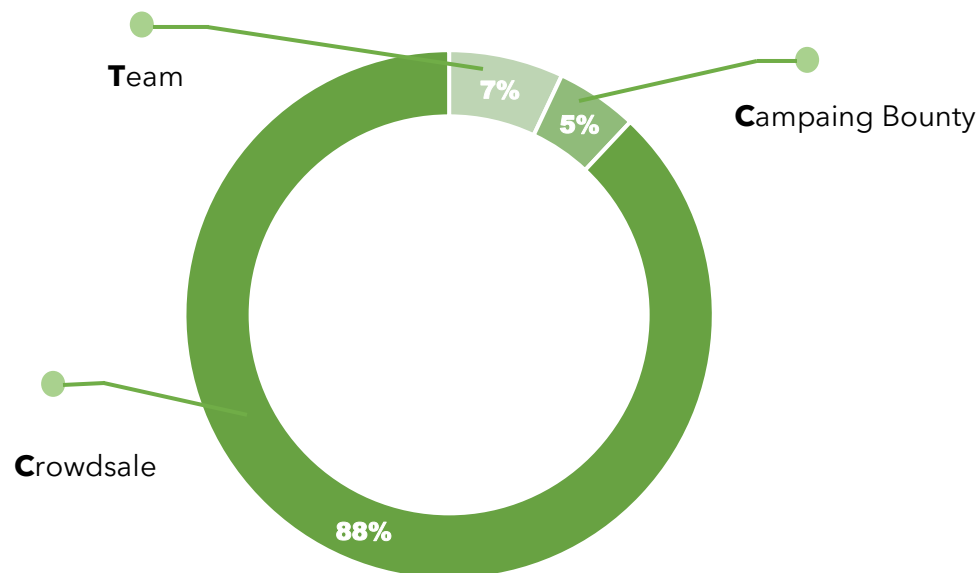
6.2 CONTRIBUTION SCHEME

The contribution process will be carried out through the Institute's website, in the contribution campaign link, people interested in contributing to the project must make a small registration with some personal information in order to receive the addresses of the corresponding wallets. The contribution can be made in Bitcoin (BTC) and Ether (ETH), once the deposit is verified, the transaction information and your balance will be charged to your Personal Back Office. Upon completion of the contribution campaign the Synergy tokens will be transferred to an Ethereum Wallet of your choice.

The contribution campaign will take place between October 11 and November 13, 2017 and will be divided into four phases, each with a bonus percentage as follows:



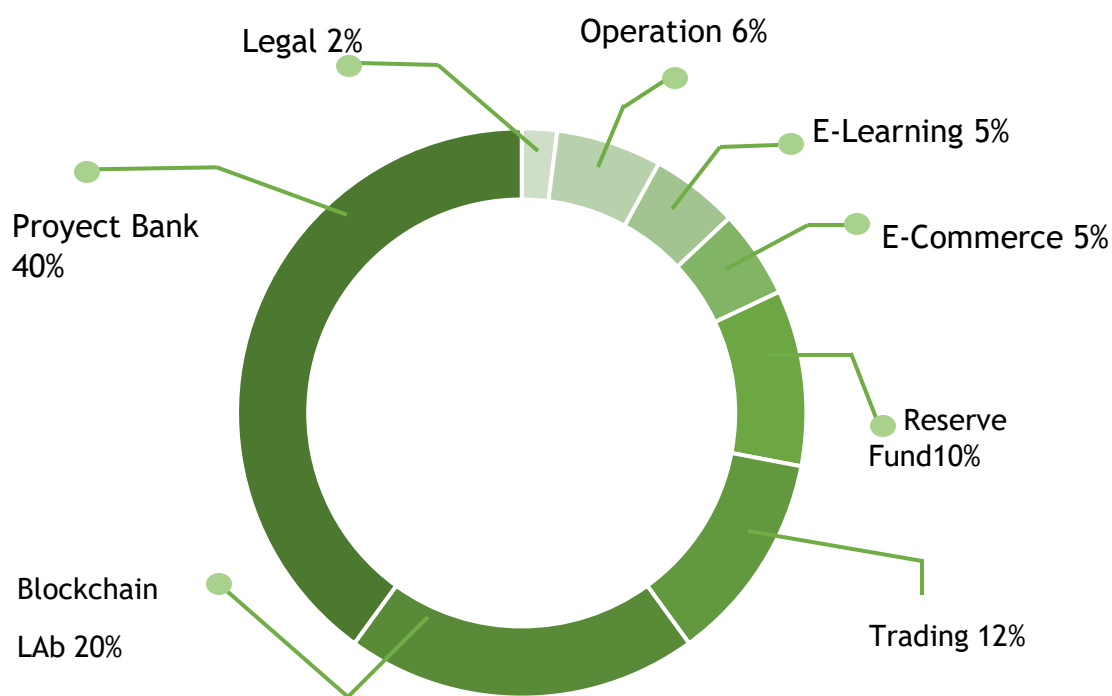
6.3 TOKENS DISTRIBUTION



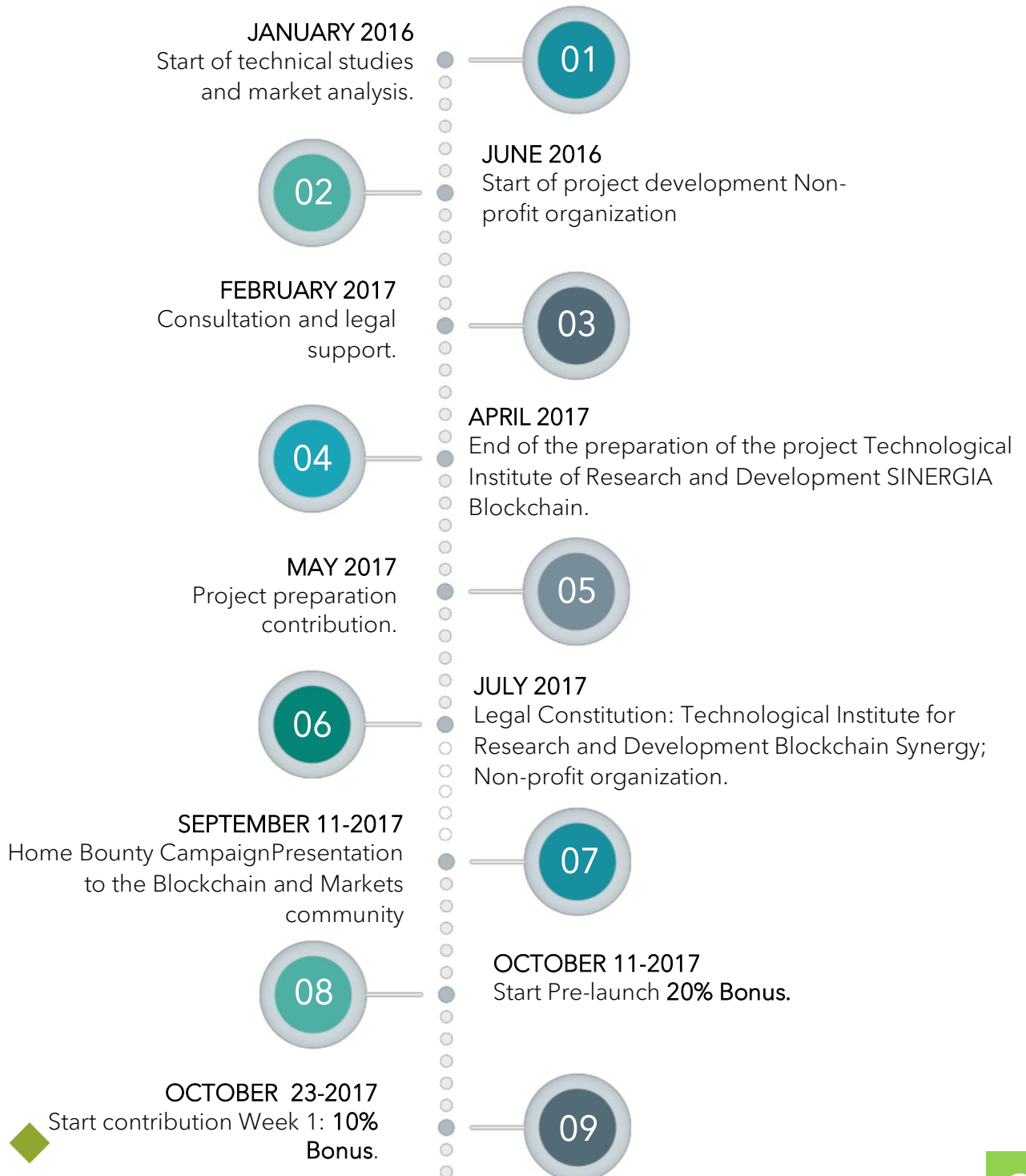
Reserve fund

Sinergis Blockchain will open a reserve fund whose purpose will be to support the Token SINERGIA, for this at the end of each year, 20% of the profits will go to the fund as follows: 50% in cryptocurrencies such as BTC, ETH and DASH, and the other 50% in a precious metal in this case GOLD.

6.4 DISTRIBUTION OF REVENUE



6.5 ROAD MAP



OCTOBER 30-2017

Start contribution Week 2: **5% Bonus**

10

11

NOVEMBER 06-2017

Contribution start Week 3: **0% Bonus**

NOVEMBER 13-2017

Contribution campaigning closes

12

13

NOVEMBER 14 TO 21-2017

Token Distribution - Official Reserve Fund
Opening - Public Report Web Page

NOVEMBER 23 TO DECEMBER 31-2017

Preparation for starting activities.
Studies and land acquisition - Report of the process.
Start of Trading and Cryptotrading Course

14

15

JANUARY 09-2018

Office opening -Start of activities and
formulation of area strategies

MAY -2018

Enabling exclusive **ONLINE STORE** of
cryptocurrencies / Selection of
specialized trading team.

16

17

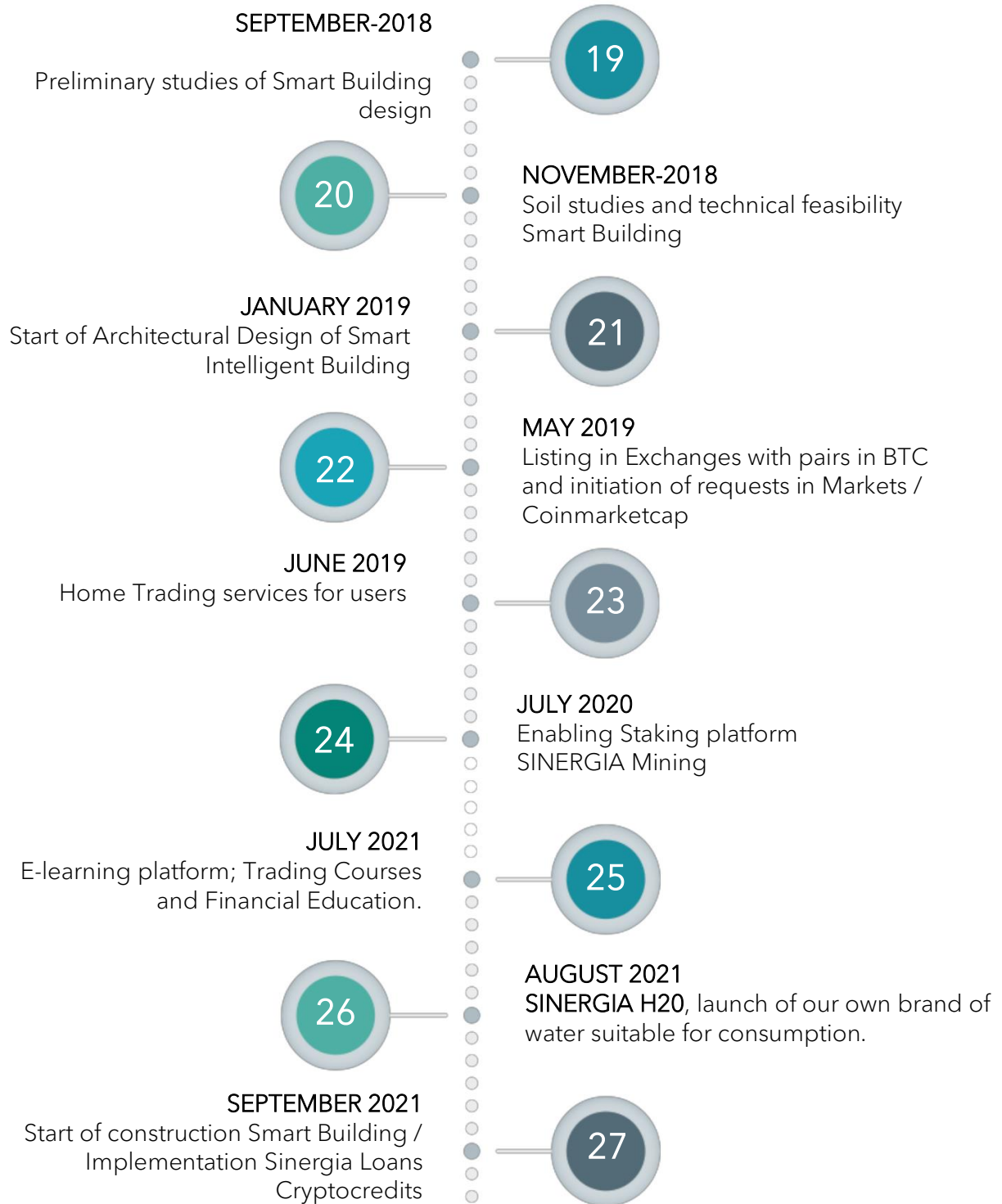
JULY-2018

Start design of the Blockchain Lab
Protocol.

SEPTEMBER-2018

Preliminary studies of Smart Building
design

18



6.5 TEAM



DANILO VILLALBA ORTIZ
EXECUTIVE DIRECTOR



WILLIAM GONZÁLEZ
ADMINISTRATIVE DIRECTOR



VIVIAN MORAN
LABORATORY DIRECTOR



YENIFFER BELTRÁN
PROJECT DIRECTOR



RENSON TORRES
E-COMMERCE DIRECTOR



NUBIA MORAN
CMO



JISELLA GONZÁLEZ
CFO



JAMES RUGELES
E-LEARNING DIRECTOR



JUAN GABRIEL LESCOBAR
TRADING DIRECTOR



7. FINAL PROVISIONS

Freedom of association or right of association is a human right that consists of the faculty to unite and form groups, associations or organizations with legal objectives, as well as to withdraw from them. Freedom or the right of association supposes the free availability of individual members to formally constitute permanent groups or legal entities aimed at achieving specific purposes; under this principle of freedom, Sinergia Blockchain, guides all its efforts and is governed by international and national regulatory principles of Association.

The world of crypto assets is in full revolution and can be the solution to various social problems that exist worldwide, the intangible becomes tangible, generating social, economic and cultural value.

The Sinergia Blockchain project, is more than an ICO or a Crowdfunding, it is the association of efforts to transform the world, help and improve our environment, promoting Blockchain technology and entrepreneurship. We invite you to join this cause, as an Honorary Associate of Sinergia Blockchain.

Thanks for your contribution.

Contact our team



WWW.SINERGIABLOCKCHAIN.ORG

Cra 7 No. 5-32 C.C Santa Cruz Plaza Fusagasugá-Colombia. / Hours of operation:
Monday through Friday 8:00 am-12:00pm and 2:00 pm-6:00pm
Saturdays 9:00 am- 1:00 pm / Phones: 8717035 - 312 4611359 / info@sinergiablockchain.org