



# Fruits Eco-Blockchain Project



a sustainable eco-blockchain with PoC  
and multi-layered smart contract

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## 1. Foreword

Fruits World Foundation PTE. LTD., (hereinafter, referred to as "FRUITS" and/or "the FRUITS Platform" and/or "Fruits Eco-Blockchain Project") is a company registered in Singapore. We have been searching for the right flow of donations and fundraising to solve various problems that occur around the world. It is no exaggeration to say that donations and fundraising are the key to solving the problems of hunger, poverty, and inequality around the world. We believe that money and information to protect people and children, who have a future, is being used in the wrong way.

However, that thought alone was not enough to provide a clear reason for the project to exist. In the midst of this, as we entered 2021, we refocused on the features of the PoC consensus algorithm, which is technical framework of this project.

As a result, to implement the project's unique features and attractions, we have decided to present the project as an eco-blockchain project that aims for a sustainable ecosystem, rather than just a crypto-asset project, with a significantly updated whitepaper.

## 2. Abstract

A sustainable eco-blockchain, which is the basis of "FRUITS," is built through PoC and multi-layered smart contracts.

With the goal of "Your consumption leads to another's saving", when someone makes a payment with Fruits coin(s) it is also directly connected to charity.

A series of mechanisms are built in as a multi-layered smart contract, such as offering the next donation payment opportunity to someone who has made a consumption payment, and then creating a new token by executing that donation payment.

With this system, a return will be made to the person who has made a consumption payment. In order to get that return, you will need to make a consumption payment with Fruits Coin(s). In other words, the system establishes a series of incentives for someone to make a consumption payment with Fruits coin(s).

The issues that we aim to solve through this system are in line with the common issues around the World which are represented in each of the SDGs, proposed by the United Nations. This project's initiative is an important approach to solving the problems of the SDGs. We believe that this will lead to a cycle of concrete and immediate support and assistance to achieve economic, health, and educational independence with people around the world.

There are also other reasons why we use PoC for our consensus algorithm. It makes it possible for us to create a power-saving ecosystem with concrete policies to deal with global environmental issues, such as, CO2 emissions and increasing power consumption.

### 3. The FRUITS Multi-layered Smart Contract

Please look at Figure 1 for the basic concept of the “FRUITS” unique multi-layered smart contracts.

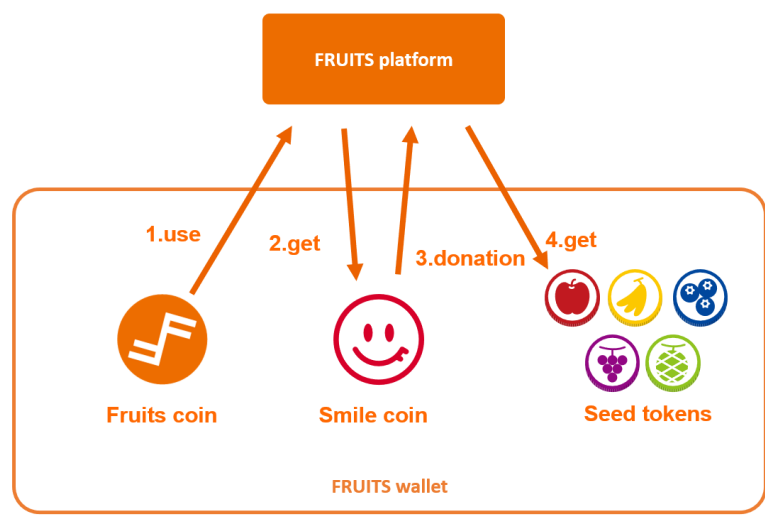


Figure 1: Basic Concept

Make a consumption payment (use or make a donation) with the Fruits coin(s) that are in your Fruits Wallet. Smile coins will then be granted according to the content of your donation. Donate the Smile coin that you are given within the dedicated donation platform. You will then be given Seed Tokens that can be used for different purposes. At first glance, it seems simple. However, this series of mechanisms leads to the realization of the unique functions implemented by the features of a PoC. It is this simple functionality that makes it possible to create a new ecosystem that will change the future.





## 4. The FRUITS Service Configuration Diagram

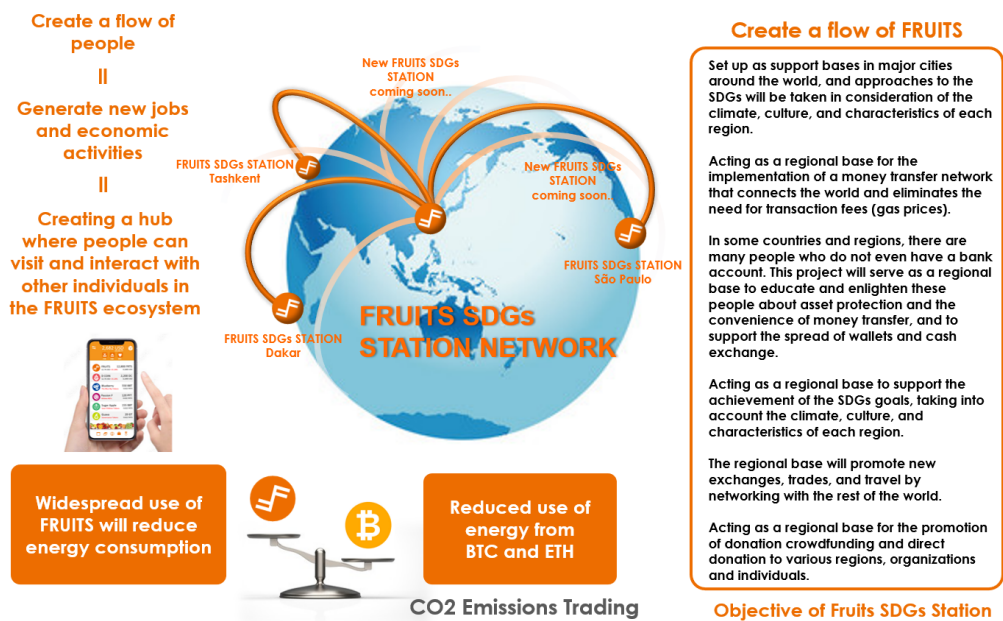


Figure 2: Diagrams of Fruits Wallet, Fruits Station, etc

The main services of FRUITS are as follows:

First, each user installs the Fruits Wallet. Within the Wallet, there is a Fruits SDGs Station Web and App with a Donation function, and a dedicated Web and App for Smile Coins. By using Smile Coins, you can get various TFSTs (Thanks Fruits Seed Tokens: hereinafter, referred to as "Seed Tokens"), which can be used for various services.

## 5. "Fruits SDGs Station" - the mechanism for expanding the FRUITS ecosystem around the world

In this project, the Fruits SDGs Stations shown in Figure 3 will be set up as support bases in major cities around the world, and approaches to the SDGs will be taken in consideration of the climate, culture, and characteristics of each region.

The reason being, even if the SDGs are mentioned in one keyword, the causes of the issues vary from country to country and region to region.

Therefore, it can be said that the mission of this project is to support activities to implement solutions to these issues in a more concrete and rational way.

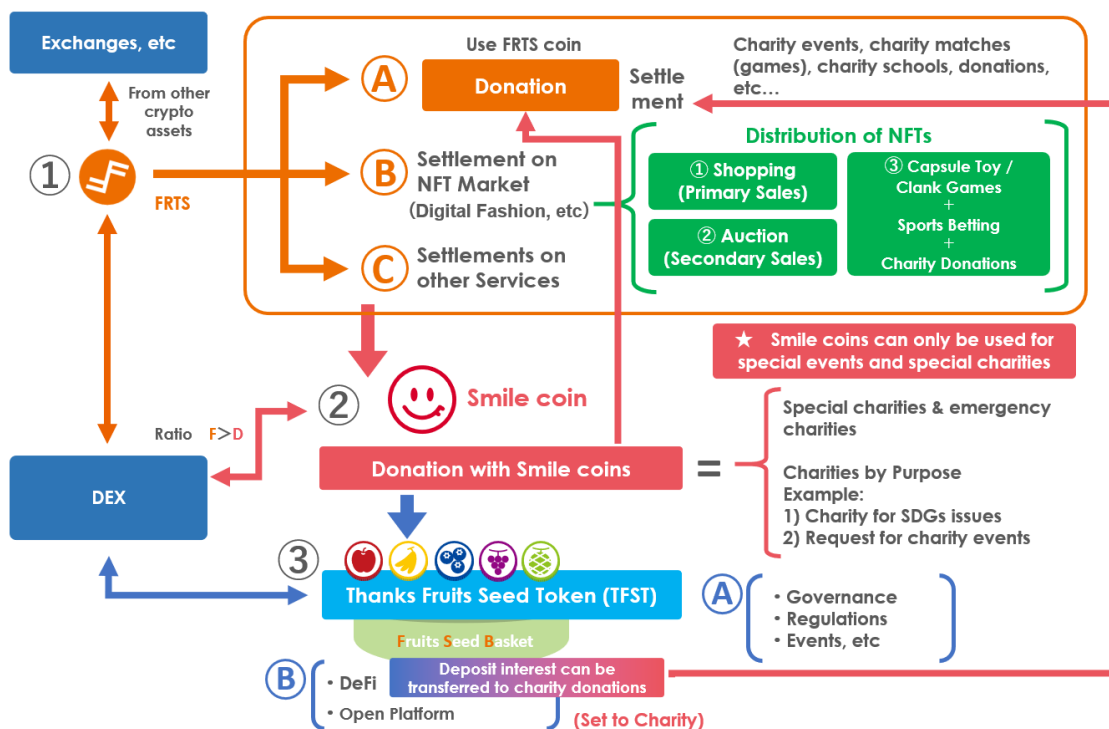


Figure 3: Objective diagram of Fruits SDGs Station

In this project, the Fruits SDGs Stations shown in Figure 3 will be set up as support bases in major cities around the world, and approaches to the SDGs will be taken in consideration of the climate, culture, and characteristics of each region.

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The objectives of this Fruits SDGs Station are as follows:

- Acting as a regional base for the implementation of a money transfer network that connects the world and eliminates the need for transaction fees (gas prices).
- In some countries and regions, there are many people who do not even have a bank account. This project will serve as a regional base to educate and enlighten these people about asset protection and the convenience of money transfer, and to support the spread of wallets and cash exchange.
- Acting as a regional base to support the achievement of the SDGs goals, taking into account the climate, culture, and characteristics of each region.
- The regional base will promote new exchanges, trades, and travel by networking with the rest of the world.
- Acting as a regional base for the promotion of donation crowdfunding and direct donation to various regions, organizations and individuals.

As a regional base for these roles/objectives, FRUITS aims to create a flow of people, generate new jobs and economic activities, spread FRUITS activities around the world, contribute to supporting the independence of the region and individuals through the FRUITS ecosystem, and bring smiles to people around the world.

## 6. Overview of FRUITS PoC Technology and Original Blockchain

This chapter provides a technical description of how FRUITS will be implemented.

### 6.1 Decentralized Network of FRUITS

The following diagram is often used as a commonly accepted image of a blockchain, but there are various physical problems to be solved in order to actually build a decentralized network.

For example, if we try to construct a decentralized network from the conceptual diagram shown in Figure 4(A), it will look like Figure 4(B) due to the infrastructure such as transactions between each node (terminal: node). In Figure 4(B), a small central node exists in the center of each group (node with more than one contact point), which is the starting point when connecting distant nodes when the adjacent nodes are physically configured. As a result, the transaction to this node increases and the node becomes overloaded.

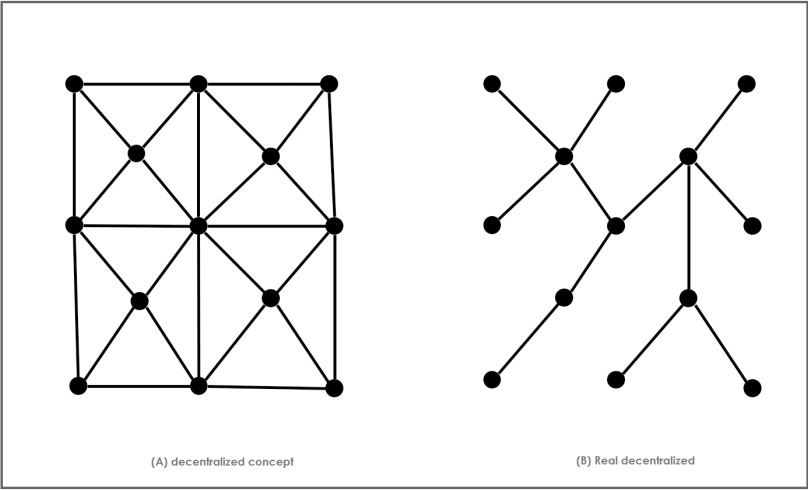


Figure 4: Reticulation and star diagram

In addition, there are transaction congestion problems.

For example, suppose there is an active transaction between the area of node A (Figure 5: a0 to a4) and the area of node B (Figure 5: b0 to b2). In this case, if the mining process is concentrated, the network around the small central node (the starting point) will be overloaded, and if no measures to avoid this overload are taken, the transactions will increase and become congested.

Avoiding these node overloads and transaction congestion is the solution to speeding up distributed networks, and there are many ways to avoid this in Blockchain.

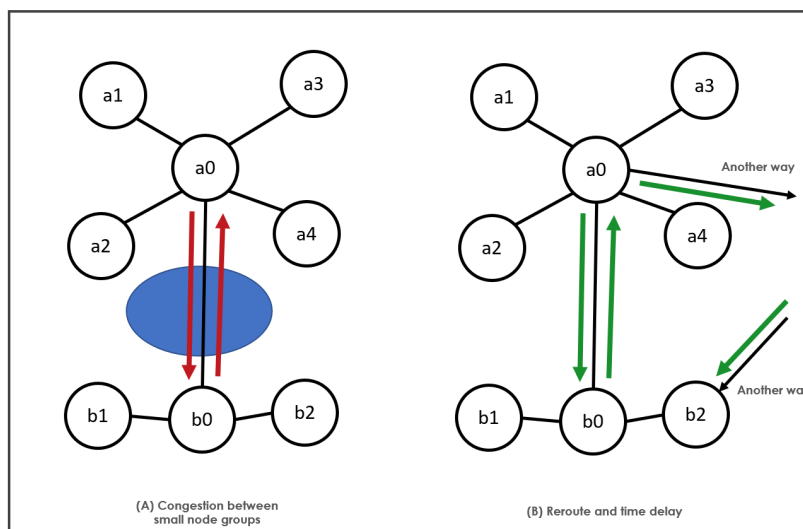


Figure 5: Avoiding transaction congestion by detour and time difference

We are solving this problem by using an AI (Artificial Intelligence) Genetic Algorithm (GA) and Neural Network (NN) (Shown in Figure 5(B)).

In the search for the shortest path, the line connecting each node is regarded as a road, and environmental factors and transaction types are quantified and patterned, and the information is accumulated as knowledge and shared with each node. In order to cope with the next possible load (traffic jam), the optimal pattern is always sent to each small central node ( $a_0, b_0$ ), and the small central node sends the data to each node where the mining work is actively performed.

The small central node sends the data to each node where the mining work is actively performed, thereby improving the efficiency of the mining work.

Basically, the transaction between nodes is one-way as shown in Figure 6. However, as a whole, these transactions form a loop-like structure and are linked together to form a single Blockchain network. The network routes are assigned parameters as shown in Figure 6(B), and the route numbers of all networks are all unique numbers.

This unique number allows all nodes to share and access all data, even if each node does not have all the route information.

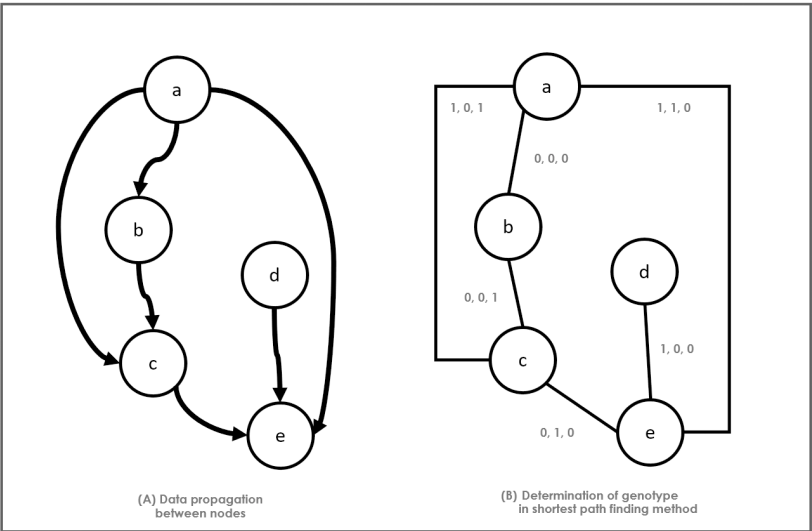


Figure 6: Parameter substitution for shortest path search.

As an even more efficient way to avoid traffic jams, we have adopted a unique method called radar scanning (Figure 7). We send a random token in between certain triggering signals, i.e., the mining process. Periodically, each node communicates with each other, and each node in the data keeps approximate location information (its position in the FRUITS Blockchain network), finds the shortest path to its neighborhood, and sorts the information. This sorting method incorporates random intersections as shown in Figure 7 to have knowledge of node areas and routes that change in real time.

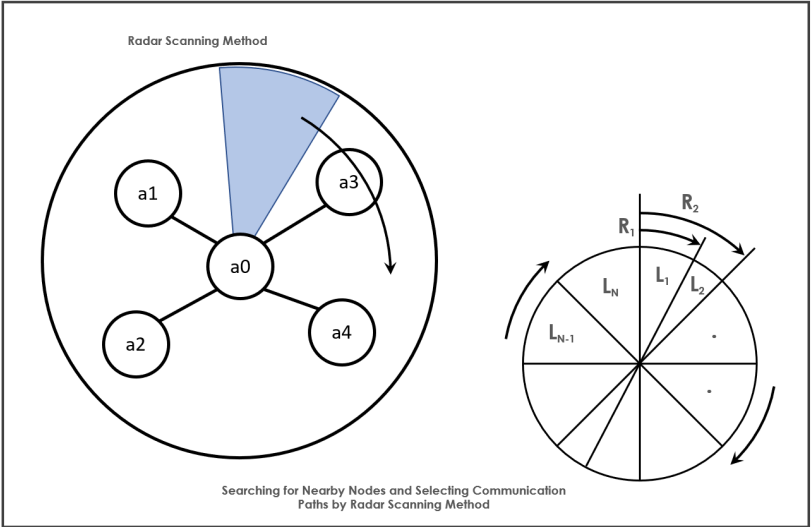


Figure 7: Relationship between radar scanning and GA intersection settings

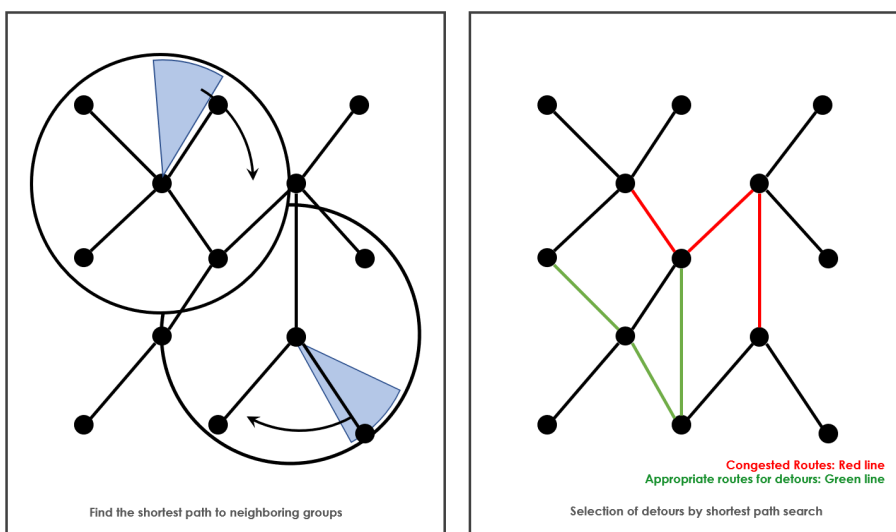


Figure 8: Information sharing and routing among Small Central Nodes

This allows each node to select the optimal transaction while avoiding traffic jams.

## 6.2 High-Speed Transactions

A mechanism to allow different tokens to coexist in the same blockchain

FRUITS allows for the creation of original tokens. However, managing a separate block for each token would increase the data size, complicate the storage method, and slow down the PoC mining process. Thus, FRUITS solves this problem in the following way:

As shown in Figure 9, the maximum number of transactions that can be recorded in each block is 256, and a masking filter is added to the header of the contract (data structure before encryption) of this base transaction.

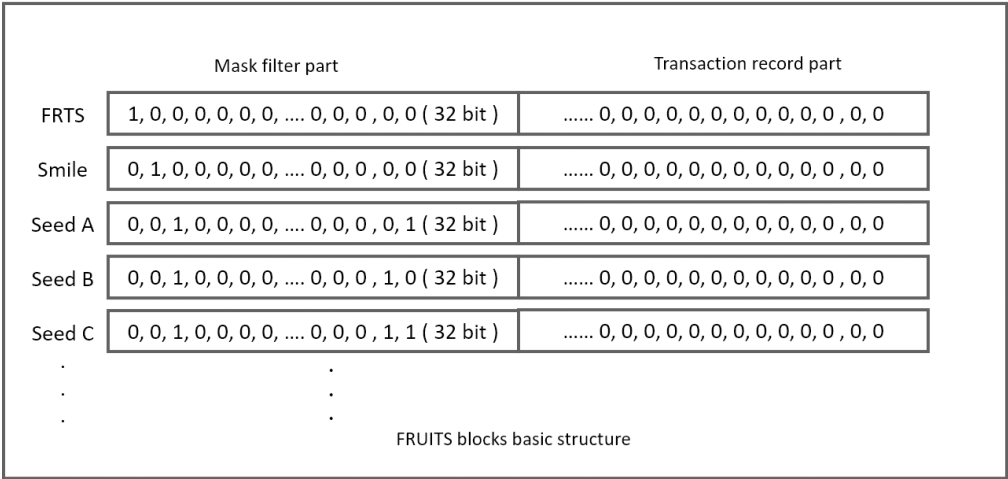


Figure 9: Mechanism to allow different tokens to coexist in the same blockchain

The masking filter is set to 32 bits (= 4 bytes). The number of combinations is  $2^{32} = 4,294,967,296$ , which is about 4.3 billion. By adding this to the head and storing a total of 256 transactions in each block, about 4.3 billion different tokens can be stored with the same hash formula. In other words, the conventional method of recording hash data in PoC can only control one type of token per one type of encryption method, but with this method, a large number of tokens can be handled.

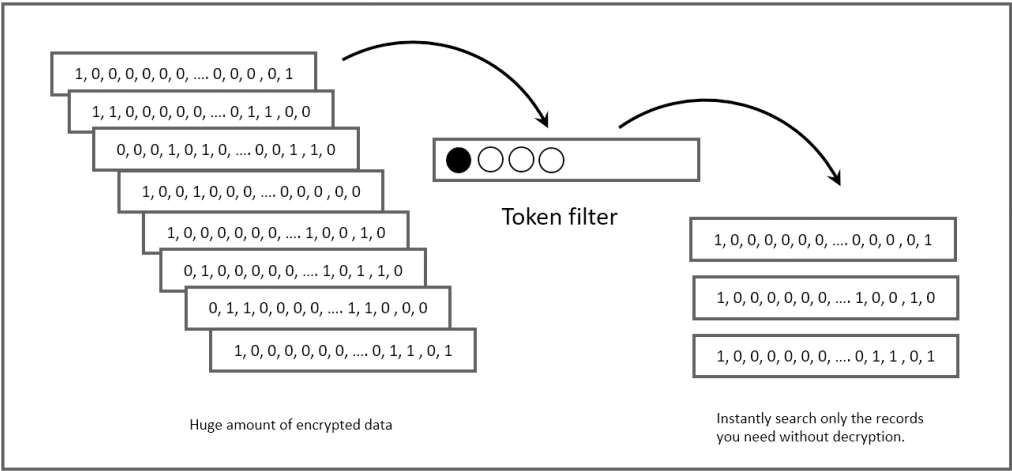


Figure 10: Instantaneous sorting

In addition, this method can also achieve high-speed processing when retrieving information recorded in a block. During actions, such as, allowing services like transaction sites to reference transactions and view recorded information, with this filter, you can instantly search and display only the necessary data from a huge amount of data at high speed.



### 6.3 Low Power Consumption

Please find below a brief explanation of PoC:  
It stands for Proof of Capacity, which is a mining process by capacity. This consensus algorithm requires significantly less power than the others.

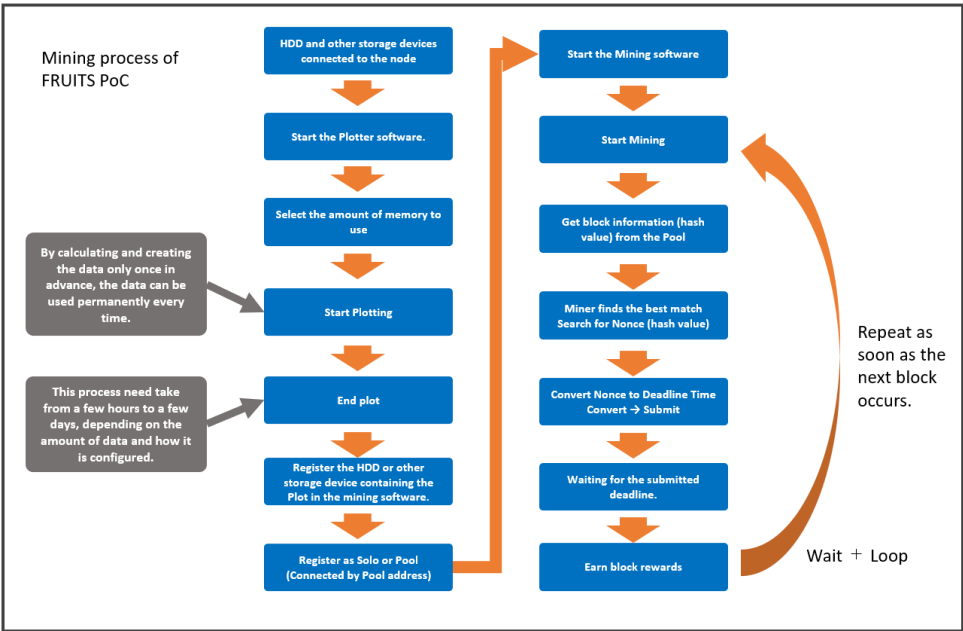


Figure 11: Main mining process procedure

The FRUITS mining system does not use a method that calculates hash values for each block created but instead, it uses a method that searches for hash values from cryptographic data created in advance (e.g., a plot file containing nonce with a scoop consisting of pairs of hash values). Therefore, the system can perform mining with low power, low noise, and low heat, and is an excellent system in terms of energy efficiency. In addition, since a hard disk drive can be used as a storage medium for storing cryptographic data, compared to dedicated hardware such as ASICs, there is no need for expensive investment, many miners can participate, and mining can be conducted relatively equally.

Of each node, the node with plotter function, called a full node, calculates hash values by a certain hash function in the background during free time like software updates. These cryptographic data are stored in the free space on the hard disk or other storage devices. The node in charge of the mining process is selected by a random draw based on the labeling of the hash values. All of the selected nodes will perform the mining process at 100% power because the mining process will be divided among them and will be performed simultaneously. This means that no power is wasted. As a side note, it is generally reported that more than 99% of power is wasted in the mining process. In comparison, PoC minimizes the number of instantaneous calculations and makes effective use of them. In the process of adding cryptographic data, cryptographic data for additional mining is created and stored in a storage medium. Specifically, a plot file is created and stored as the cryptographic data.



A plot file (mentioned above), contains one or more groups of data, called nonce, for example, and one nonce, for example, contains 8192 hashes. Hashes usually consist of pairs, and a pair of hashes is referred to as a scoop. The method of creating cryptographic data for mining is not particularly limited, but for example, a creation method (software, etc.) that can create a plot file containing nonce (nonce including the hashes mentioned above) can be used. The created plot file is tied to a specific account ID. This account ID is different for each miner. Thus, the same nonce number can be found in different miners.

Since cryptographic data is stored on a storage medium, for example, a hard disk drive, increasing the hard disk drive can increase the amount of cryptographic data used for mining. The addition of cryptographic data and mining are separate operations and can be done simultaneously or separately.

### 6.4 High Security

In the FRUITS PoC, the original data used for mining is deleted after the block is generated. In other words, after the mining process is over, the history of which node added which hash value will remain, but once the mining is completed and recorded in the block, it will be impossible to alter the original data.

This method is similar to irreversible audio compression. Once the audio data has been compressed and subtracted, it cannot be reverted to the original data, which is called RAW data. This is because unnecessary audio data has already been removed to a level that is not a problem for listening to music, such as CDs. We have also incorporated the AI GA (Genetic Algorithm) and NN (Neural Network) technology for this deletion and organization process.

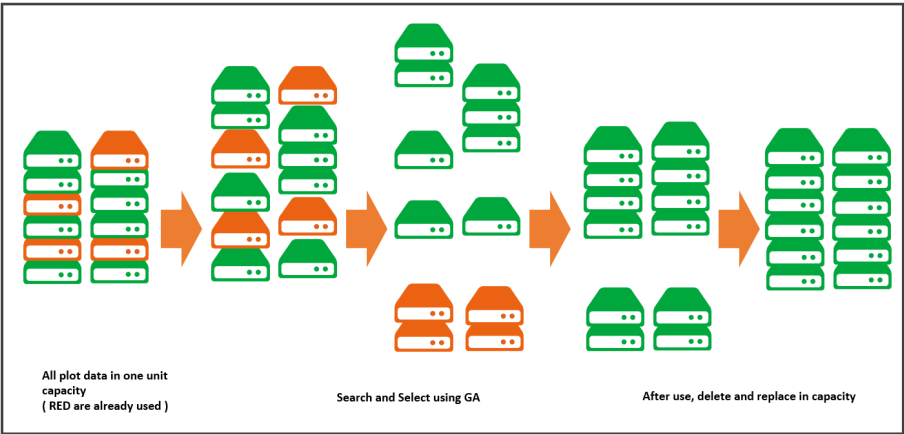


Figure 12: Periodic organization of original data (plot data)

Once the information is recorded, you can refer to it whenever you want. However, it can be referenced but not changed. If the purpose of a Seed Token is to record something like a human family tree, once the information is recorded, it can be supplemented or revised, but it cannot be altered. This is what makes Blockchain so reliable and secure.

## 6.5 FRUITS Token Layout

### 6.5.1 Coexistence in the Token Economy

The token layout of FRUITS is very elaborate. After submitting the application for a new issuance of a token with information, such as, the name of each token, its purpose, the total number of tokens to be issued, the issuance method, and burn rules, the governance token will vote to approve the issuance of the new token. However, the entire process will be managed in a dedicated wallet and will be fully automated.

Example:

Regulation tokens are record the purpose of issuing each TFSTs token, the terms and conditions of the transaction, and basic information about the token; the symbol for Regulation tokens is Raspberry.

The symbol for the Governance tokens is Guava.

Each project that uses TFSTs tokens will focus on compliance with SDGs and ESG strategies, and will allow companies, individuals, and organizations to easily develop their own services on the Fruits Platform.



Figure 13: Example of Seed Tokens

### 6.5.2 Governance Tokens and Regulation Tokens

FRUITS will incorporate basic operations such as governance and event planning for each token as decentralization. At the same time, as an open platform, it provides a FRUITS Platform that includes Defi and payment functions to build various services.

### 6.5.3 Deflation and Inflation Overview

In order to preserve the value and reduce the transaction load, a fixed number of FRTS will be burned (permanently disabled) according to the following timing:

- ① When the number of new Smile coins issued during the current phase reaches 38.2% of the total number of FRTS available (the remainder not burned), FRTS coins will be burned at a ratio of 1000 : 1618 x ratio (14.587%).
- ② The timing of a burn is defined as or about once every four years.

This burning process will be performed when either of these conditions is met and will move to the next phase.

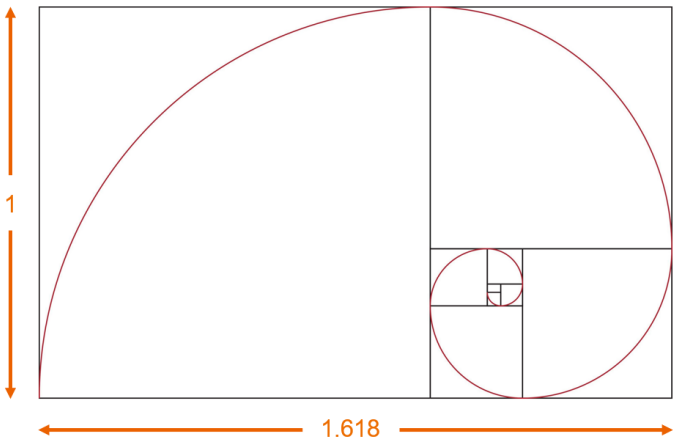
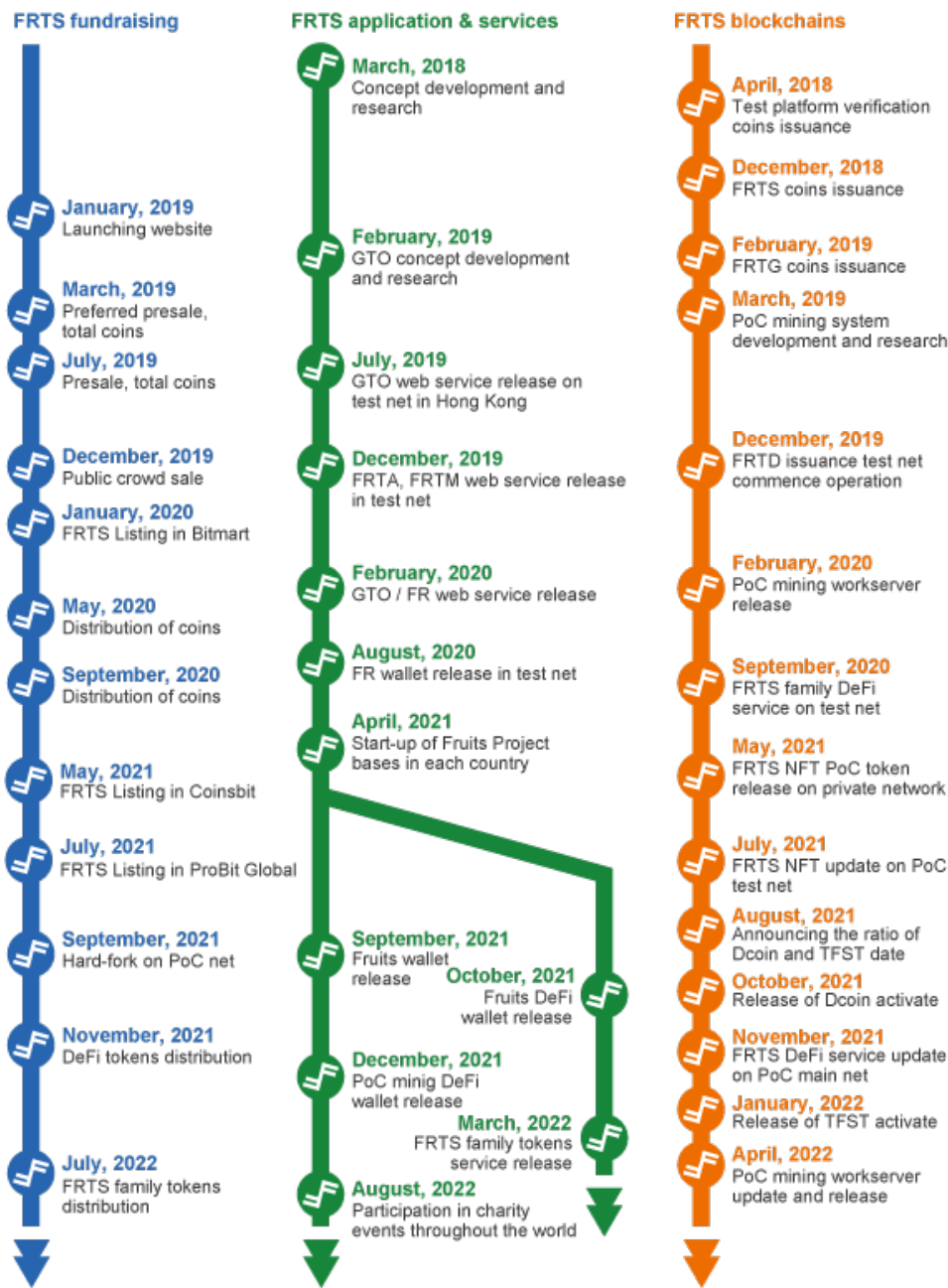


Figure 14: All conditions during deflation and inflation are calculated according to this golden ratio

We are confident that this will increase the value of Eco-Blockchain and contribute to improving the technology of the Blockchain industry by making transaction fees free and spreading Eco-Blockchain technology around the world for everyone to use.

# 7. Roadmap

We are planning to release applications and software's, hard fork FRTS coin to the PoC mainnet, develop Fruits SDGs Station in each country, and support various organizations in the following timeline:



Vertical Time-Axis and release timelines based on the FRUITS economy, service, and technology



## 8. Team Members and Advisors

We, FRUITS, are mainly composed of the following members, experts in other industries, and fans who support us.



**Liu Xin Zheng / CEO**  
**Chief Executive Officer**

Dr. Liu received his master's degree in Economics from Hiroshima University in Japan and his doctoral degree from the Department of Business Administration of Taipei University. He is a member of the Kaohsiung City Council of the Kuomintang. He was the general director of the Kaohsiung Municipal Government's Construction Bureau, Economic Development Bureau, and the director of the Ministry of Economic Affairs' Small and Medium Enterprise Immediate Problem Solving Center.



**Yen Fu-Sung / Legal Advisor**

Director of shanggeng law firm (practicing lawyer). And he is the principal of Wanle Capital Consulting Co., Ltd. And, Director of New Territories Green Energy Co., Ltd. Yen graduated from the law department of National Taipei University. He passed the examination for lawyers and the special examination for magistrates in 1988. He was the legal adviser of CNPC. And His experience are Legal adviser of hongzong Construction Co., Ltd, Manager of Huisheng Industrial Co., Ltd. And, Wulong Construction Co., Ltd. designated by the court. Independent director of Qiao Bensheng Medical Co., Ltd. Supervisor of Changlong Agricultural Products Co., Ltd. He has the first prize of the novel award of the Ministry of education in 1980.



**Kensuke Yano / CTO**  
**Chief Technical Officer**

Specializing in Blockchain, AI programming, data mining, and application development. He has developed a wide range of AI operations and sales analytics products. He has a Masters degree from the Tokushima University Graduate School of Advanced Technology in Artificial Intelligence. He joined the Rotaract Club, a volunteer organization under the auspices of the Rotary Club, and became the Chairman of the Tokushima Chapter which received numerous awards for being an exemplary volunteer and charity organization amongst those in Japan. Since then, he has remained committed to many volunteer activities throughout Southeast Asia.



**Michelle Liu/ CIO**  
**Chief Information Officer**

School of Science and Information Management, Chungwon University (B.S.). Graduated from Fu-Jen University, Faculty of Law (Bachelor). Master of Laws in Fujian University. Assistant to Kaohsiung City Councilor. Secretary of Chinese Small and Medium Enterprises Research and Development Institute. Secretary of a high-tech company.





### Duy To / Technical Development Leader

Duy graduated from FPT University - one of the top 10 IT University in Vietnam. He started off his foundation by joining FPT Corp as an Software Engineer and soon becoming Technical Lead. After leaving FPT, he has joined several companies and play important roles such as founder, advisor, CEO. With over 10 years of experience in providing software development services to multi-nationals enterprises, Duy maintains and keeps enhancing his interests and knowledge in this industry by consistently learning new technology to improve his works. Since the early stage of the career, Duy has engaged himself with blockchain and desired to bring more value to social through FRUITS technology.



### Trung Tran / Technical Blockchain Leader

Trung got his master certificate from the Université Claude Bernard Lyon 1, one of the top Universities in France. He became super interested, deeply excited, highly passionate, and to some extent, dedicated to Blockchain technology after reading about an article about blockchain technology and how is regarded to be the 4th industrial revolution. He spent alot of time in studying an working on many kinds of open source Blockchain technologies from permissionless networks Bitcoin, Ethereum; enterprise-grade permissioned as Hyperledger Fabric network and also the consensus algorithms such as PoW, PoS, PoA or PoC. He has been research and working on FRUITS PoC since he met Mr. Yano, CTO.



### Anh Le / Technical System Leader

Possessing a strong passion for technology, Anh entered his professional developer career as an Software Engineer for FPT Corp - one of the top IT companies in Vietnam and soon became the key member of every projects. After 10 years of working, he is equipped with a diverse and promising skill-set and proficient in various platforms, languages and embedded systems. With rich experience varies from different roles, including Technical Lead, Project Manager and System Manager, Anh is able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. A dedicated developer with a vision to build any tech-enabled solutions from scratch to business. Anh especially pays great interest in blockchain after working in some projects. His vision is to master in FRUITS technology to build better services all over the world.

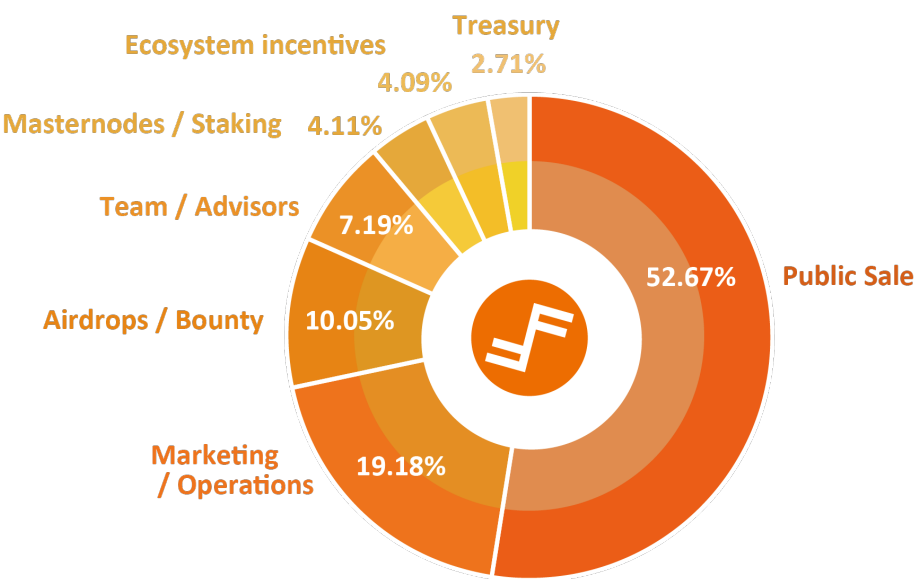


### Tung Ha / Technical Blockchain Expert

ExpertWith a passion for using technology for the good of humanity. Tung realized that blockchain technology is an exciting development, with the potential to revolutionize many industries. But, with so much hype around blockchain, Tung keep trying to seeks bold ideas that that reorient and run business faster, cheaper and safer worldwide until he met Mr. Yano, CTO. With a lot of experience in a security and encryption software before, He can catch up with blockchain technology and soon to be game changer with FRUITS.

# 9. FRTS Specifications

The Coins generation event created and distributed a maximum of 40,000,000,000 FRTS.



52.67%	Public Sale
19.18%	Marketing / Operations
10.05%	Airdrops / Bounty
7.19%	Team / Advisors
4.11%	Masternodes / Staking
4.09%	Ecosystem incentives
2.71%	Treasury

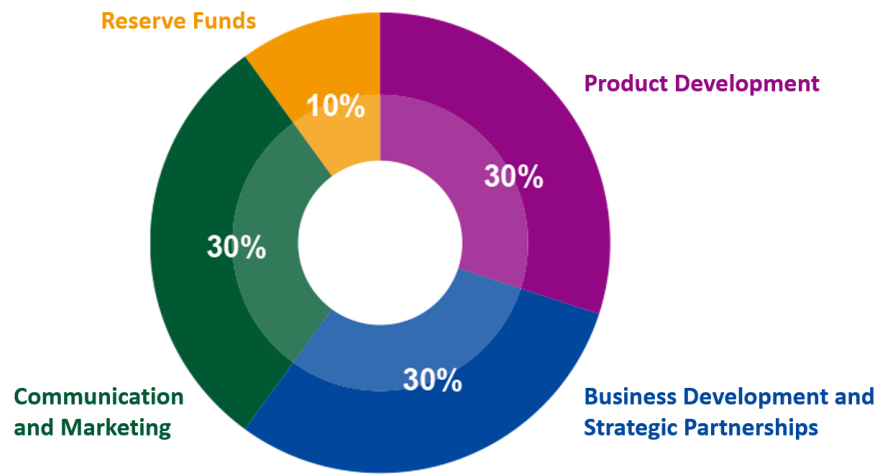
Symbol	FRTS
Total Supply	40,000,000,000 FRTS
Blockchain Core	FRUITS PoC
Official Website	<a href="https://www.fruitsc.org">https://www.fruitsc.org</a>
Developer's Info	<a href="https://www.fruitsc.org/developer/">https://www.fruitsc.org/developer/</a>
Fruits Explorer	<a href="https://fruitscan.io/">https://fruitscan.io/</a>





# 10. Use Of Funds

The funds received in the coin sale will be allocated as follows.  
These percentages may be adjusted according to changing business requirements:



- **30% product development:** development of the FRUITS Platform according to product roadmap,
- **30% business development and strategic partnerships:**
  - Ecosystem incentives
  - Masternodes / Staking
  - Onboarding of charities, foundations and fundraising organizations initial focus in Singapore, Taiwan, Japan, and Vietnam, and so on.
  - Education of charities and other actors on the use of the platform and ongoing support.
  - Establishment of partnerships with other players in the blockchain ecosystem to increase the coin usability.
  - Contracting of specialist law firms to guide regulatory and licensing frameworks for the ICO and law related to the tax deduction on donations
- **30% communication and marketing:**
  - Marketing / Operations
  - Airdrops / Bounty
  - Investment in PR and marketing campaigns to increase awareness and coin adoption among donors.
  - The building of healthy local communities to provide support to charitable activities.
  - International expansion
- **10% reserve funds:** provide liquidity for future monetary policies and functionality.



## 11. Risks and Disclosures

### Currency Regulation Risks

Governments are still grappling with public policy on the regulation of cryptocurrencies as a form of settlement in trade. Governments adverse to the proliferation of the use of cryptocurrencies in local commerce could issue laws and regulations deeming the use of cryptocurrencies a regulated activity. This could result in holders of the Coins being unable to use their Coins in the future without further regulatory compliance by the Company. Project, its affiliates and the FRUITS team, as well as understand the overall framework and vision for FRUITS prior to purchasing FRTS coins.

### Risks Associated with Use of the FRUITS Platform

The use of cryptocurrency exchanges is complex and subject to stringent qualification requirements. There is no guarantee that the developers will be able to successfully create a system that allows payment for services using global cryptocurrencies. The failure to establish a network will result in decreased liquidity of the Coins as a form of settlement currency within the FRUITS Platform.

### Risks Associated with Coins Sale

The Coins are not investment products. Instead, the Coins serve a specific function within the FRUITS Platform, which is the means to access and use the FRUITS Platform. Without the Coins, the general public may not access the FRUITS Platform. There is also no expectation of future profit or gain from the acquisition of the Coins. For these and other reasons, we believe the sale of the Coins does not constitute a public offering of securities subject to prospectus registration requirements. However, public policy towards coins sales is changing, and it is conceivable that regulators may in the future seek to broaden the scope of regulation of coins sales. This could make coin sales subject to registration requirements in different jurisdictions. If the FRUITS Platform coin sale becomes subject to registration requirements, this will delay or potentially postpone the proposed FRUITS Platform coins sale indefinitely.

## Taxations Risks

The use of the Coins as a form of settlement currency may or may not be subject to local income tax, capital gain taxes or other forms of taxes. This uncertainty in tax legislation may expose merchants and customers alike to unforeseen future tax consequences associated with the use of the Coins as a settlement currency, and/or the trading of the Coins for capital gains.

## Capital Control Risks

Many jurisdictions impose strict controls on the cross-border flow of capital. Holders of the Coins may be subject to these regulations and/or arbitrary enforcement of such regulations at any time. This might make the transfer of the Coins out of the local jurisdiction to overseas exchanges an unlawful activity, exposing the user of the Coins to government fines or other regulatory sanction.

## CFT and AML Regulations

Many jurisdictions have enacted regulations to combat terrorist financing and money-laundering activities. The use of cryptocurrencies by bad actors could breach such regulations. Any illicit use of the Coins could severely impact the global reputation of the FRUITS Platform. In such an event, it is not inconceivable that this could trigger scrutiny by CFT and AML regulators and potentially cause significant disruption to the distribution and circulation of the Coins in the FRUITS Platform.

## Blockchain Risks

The Coins may be subject to expropriation and/or theft. Hackers or other malicious groups or organizations may attempt to interfere with the Coins in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing and spoofing.

The FRUITS Platform and all of the matters outlined in the Whitepaper are new and untested. The FRUITS Platform might not be capable of completion, implementation or adoption. It is possible that no blockchain utilizing the FRUITS Platform will ever be launched and there may never be an operational platform. Even if the FRUITS Platform is completed, implemented and adopted, it might not function as intended, and any coins associated with a blockchain adopting the FRUITS Platform may not have functionality that is desirable or valuable. Also, technology is changing rapidly, so the FRUITS Platform and the Coins may become outdated. The regulatory status of cryptographic coins, digital assets, and blockchain technology is unclear or unsettled in many jurisdictions.

It is difficult to predict how or whether governmental authorities will regulate such technologies. It is likewise difficult to predict how or whether any governmental authority may make changes to existing laws, regulations and/or rules that will affect cryptographic coins, digital assets, blockchain technology, and its applications.

Such changes could negatively impact the FRUITS Platform and/or the Coins in various ways, including, for example, through a determination that the Coins are regulated financial instruments that require registration. The company may cease the distribution of the Coins, the development of the FRUITS Platform or cease operations in a jurisdiction if governmental actions make it unlawful or commercially undesirable to continue to do so.

## Business Risks

The Company's principal competitors may have greater financial resources than those available to the Company and thus be in a better position to attract talent and initiate projects. The Company's ability to remain competitive may depend in part upon its ability to develop new and enhanced products or services and to introduce these products or services in a timely and cost-effective manner. In addition, product and service introductions or enhancements by the Company's competitors or the use of other technologies could cause a decline in sales or loss of market acceptance of the Company's existing products and services. There can be no assurances that the Company shall be successful in selecting, developing, and marketing new products and services or in enhancing its existing products or services. Failure to do so successfully may adversely affect the Company's business, financial condition, and results of operations.

The Company's ability to realize its objectives shall be dependent on its ability to attract and retain additional, qualified personnel. Competition for such personnel can be intense, and there can be no assurance that the Company's results shall not be adversely affected by difficulty in attracting and/or retaining qualified personnel. The industry in which the Company operates is new and may be subject to heightened oversight and scrutiny, including investigations or enforcement actions. There can be no assurance that governmental authorities will not examine the operations of the Company and/or pursue enforcement actions against the Company. Such governmental activities may or may not be the result of targeting the Company in particular. All of this may subject the Company to judgments, settlements, fines or penalties, or cause the Company to restructure its operations and activities or to cease offering certain products or services, all of which could harm the Company's reputation or lead to higher operational costs, which may, in turn, have a material adverse effect on the Coins and/or the development of the FRUITS Platform.

## Cautionary Note On Forward-looking Statements

All statements contained in this Whitepaper, statements made in press releases or in any place accessible by the public and oral statements that may be made by the Company or its directors, executive officers or employees acting on behalf of the Company, that are not statements of historical fact constitute “forward-looking statements.”

Given that risks and uncertainties that may cause the actual future results, performance or achievements of the Company and/or its affiliates to be materially different from that expected, expressed or implied by the forward-looking statements in this Whitepaper, undue reliance must not be placed on these statements.

These forward-looking statements are applicable only as of the date of this Whitepaper. Neither the Company and/or its affiliates nor any other person represents, warrants, and/or undertakes that the actual future results, performance or achievements of the Company and/or its affiliates will be as discussed in those forward-looking statements. The actual results, performance or achievements of the Company and/or its affiliates may differ materially from those anticipated in these forward-looking statements.

Nothing contained in this Whitepaper is or may be relied upon as a promise, representation or undertaking as to the future performance or policies of the Company and/or its affiliates. Further, the Company and/or its affiliates disclaim any responsibility to update any of these forward-looking statements or publicly announce any revisions to these forward-looking statements to reflect future developments, events or circumstances, even if new information becomes available or other events occur in the future.

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# Fruits Eco-Blockchain Project

