BLOCKCHAIN FOR CACAO TRACEABILITY

Project Summary for Investors

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The Future of Cacao

• Cacao is grown in Tropical countries. In the Cocoa Belt

• However, Cacao species are under threat of devastation thanks to warmer temperatures and dryer weather conditions.

• Scientists at the University of California Berkeley are teaming up with companies trying to save the crop before it’s too late.

• There is scientific consensus that Cacao species (Theobroma Cacao) originated in Venezuela, making it the most biodiverse in the world.

Source: University of California Berkeley
Fine Cacao is in Short Supply

The global demand for cacao has tripled since 1970 and the demand for cacao has had an average of 3% annual growth over the years. According to the International Cocoa Organization (ICCO) and Bloomberg, the 2017 global sales for chocolates exceeded US$100 Billion. By 2020, it is expected to reach US$160 Billion.

- Japan chocolate market is expected to reach USD 6.29 billion by 2023 (Euromonitor International)
Cacao Shares

It is a project that aims at

Revolutionizing the industry of Fine Cacao
Creating owning and operating Agroforestry Systems traced with Blockchain
Improving market access to Fine Cacao
Via industry adoption
Unique Selling Point of Cacao Shares

Fine Cacao is known worldwide for its exceptional attributes such as aroma and flavor. It is grown mainly in developing countries.

This project aims at making a luxury product, better. Fit for the Asian market, known for its distinct requirements.

Investors in Cacao Shares will be part in the Future of Cacao Supply Chain, Social Responsibility and Sustainability.
Achievements

🌟 Prototype App and Patent applied for
The Tree Manager app has a functioning prototype that can be downloaded for iOS and for Android.
We have created and applied for patent on a special tag sensor suitable for seedlings and grown trees.

🌟 Industry Adoption in The Philippines and Venezuela
We have identified the key industrial players and maintain relationships including signed memorandum of understanding with large scale growers of Fine Cacao in Venezuela and The Philippines, more importantly we have signed an agreement to deploy a demo of the traceability app in Venezuela on 5000 trees before 2019 ends.

🌟 Identified the Demand Pattern and acquainted to Buyers
We have identified the market of Fine Cacao in Japan and have been able to present our project in b2b settings with positive appreciations.
Japan Market

Fine Cacao or Cacao Criollo receives a premium price in World Markets. For example, in Japan, Venezuelan Cacao beans are included in almost all chocolate products to enhance flavor and aroma.

The per capita chocolate consumption rate of 2.4 kilos with an expenditure of about $82 per person is the largest in Asia. Pensioners (retired 55+) are the largest consumers of confectionery products and account for about 28 percent of consumption.

Chocolate products comprise the largest overall sector in the Japanese confectionery market accounting for nearly fifty percent of confectionery sales. The top five Japanese chocolate producers include Lotte, Meiji Seika Kaisha, Morinaga & Co., Ezaki Glico, and Mary Chocolate.

Every year approximately 4000 tons of Cacao beans from Venezuela are exported to Japan*.

It covers 10% of the Japanese total Cacao market

*Data from Tokyo Customs in 2018
Commitment to replant and tag

Market expansion

CCS Managed forest will enjoy a plus in quality and productivity

Industry Adoption

By propagating fine Cacao varieties and make those accessible to the International market we will be making an impact in the Industry. Tamper proof Traceability will be an assurance of quality and food safety

Green Sustainability

Our team’s access to fine Cacao genetics and market will become an innovation powerhouse. Cacao genetics, Information Technology and Market access will work together to expand business and revenues all over the world

Blockchain

Ultra Traceability will empower consumers to request more transparency and reliability as they buy a luxury chocolate made with exotic cacao

Business Model

Cacao Shares adoption and value expansion

Create, Own and Operate agroforestry systems

1,000 Tons of ULTRA traceable Cacao per year

1,000,000 Trees
Revenue streams

- Traceability Platform
- Fine Cacao Exports
- Farm Operation
- Eco Tourism
A Cacao Seedling takes 4 years to grow and become productive, Token price covers the set up and maintenance for the first 4 years.

Value Generation

**The Cacao Forest:**
Has up to 100 years of life and productivity

**Harvest:**
After year 4 can be up to 2 times per year, 1 Kg per tree

**Traceability:**
Our technology adds value to the Cacao

1 Ha = 1000 trees

| 01 | A Cacao Seedling takes 4 years to grow and become productive, Token price covers the set up and maintenance for the first 4 years.
| 02 | Once the trees are yielding, we will allocate the production for export and cover costs and for rewards.
| 03 | Cacao trees yield, on average, 1 Kg per year for 25 years, after that, it can yield for up to 100 years.
| 04 | Supporters buy the right of access to benefits of the CacaoForest.

Revenue Generating
International venture enabled by technology

Linking productivity to conservation
Traceability

Meeting New demands for transparency in the supply Chain.

“Tree Manager, the technology of Cacao Shares. It is a way to add value to the Cacao Beans by boosting productivity, efficiency and sustainability through information and science.”

Example of placement of Radio Tag on a Tree
Tree Manager

Cutting Edge Technology

Trees will be surveyed and tagged with GPS and RFID, monitored online via a Decentralized App in Ethereum

End to End Traceability

Trace Cacao Beans from Upstream to Downstream, complete supply chain transparency

Sustainable with Minimal Impact

Instruments have minimal impact on the environment. Will be used to catalog comprehensively subspecies and microclimates that determine quality

Making Sure the Performance is Excellent
CacaoShares Team

Experience and Talent in 3 Continents – Click on the picture for Bio

Patino Alejandro
Founder and CEO

Furukawa John
Chief Financial Officer

Serrano, Christian
Chief Operating Officer

Fares, Akel
Co Founder, CTO, Blockchain Engineer

Waldstein, Arnold
Senior Advisor
CacaoShares Team
Experience and Talent in 3 Continents

Perez, Jose
Industry Relations Advisor

Zambrano, Alexis
Chief Agronomist

Minaya, Ivan
Marketing Advisor

Pavani, Angelica
Chief of Social Responsibility and Sustainability

Moe, Jarl
Advisor

Devia, Rafael
Strategic Advisor

Haunssen, Rossana
Art Director

Gonzalez U, Carlos
Legal Advisor

Chief of Social Responsibility and Sustainability

Strategic Advisor
The Future of CacaoShares

Enabling Cacao industry participants worldwide to add value to their beans by using our technology

1000 Hectares is just the Model
Agroforestry system, by developing the traceability technology
CacaoShares can be expanded to other plantations worldwide

Cacao is essential to the livelihoods of 40-50 million people worldwide, including over 5 million smallholder cocoa farmers who grow this valuable fruit

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Poverty is often linked to poorly managed farms. With agroforestry, we can cover multiple issues, including social issues, with one approach.
Benefits

- Ecological and Sustainable asset
- Long term productivity, up to 100 years
- Market already established (Fine Cacao worldwide, with a strong case use in Japan)

Advantages

- Trees are Biodiverse- Highly regarded in Japan
- 1000 Ha in Sur del Lago Venezuela. Start with 100 Ha Tier
- Marketing Team is already based in Tokyo, hands on the market
To Buy Cacao Shares:
@cacaoshares.com
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All purchases of CacaoShares tokens (CCS) are non-refundable. Ownership of CCS token does not represent any future governance of the platform. By purchasing the CCS token you acknowledge that you have carefully reviewed the Terms of Purchase and fully understand the risks, and are permitted by law to purchase the token in your current given jurisdiction. You further represent and warrant that you are of legal age to be bound by these terms and will not hold the company, its representatives, founders, affiliates or advisors, now or in the future liable for any losses or damages arising out of the purchase or sale of this CCS token. The purchaser will take sole responsibility for any risks associated with the purchase of CCS token and represents and warrants that the purchase is to support the development of the project, that it is not for the purpose of speculative investment, that the purchaser has done proper research on the company and its scope of work and has an understanding of the usage and complexities of the cryptographic token, the blockchain technology, the Ethereum platform and the smart contract concept and deployment. At the time of purchasing the CCS token on the CacaoShares website, a complete and detailed Terms and Conditions shall be presented to the purchaser, which must be agreed to by the purchaser to proceed with the purchase of the CCS token. The KYC (Know Your Customer) and AML (Anti-Money Laundering) requirements must be adhered to and fulfilled by the purchaser as per the requirements mentioned at the time of purchase. The CacaoShares and Tree Manager™ is intended to be developed as per the scope of work contained herein, on the successful completion of the ICO, however the project scope, budget and deadlines are open to change at any time and should not be deemed as final.

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Some of the elements of the whitepaper shall be governed by international legal terms. The CacaoShares community extensively believes in best practice policies and procedures intended to ensure legal and regulatory compliance. Every registered user shall have to comply with the AML and KYC norms with respect to the global standards. CacaoShares is committed to maintaining compliance with laws, regulation, and licensing with governing bodies to achieve sustainable growth. We believe in random securitization of the profiles of lenders
CacaoShares Disclaimer

and borrowers periodically. We intend to prepare a list of elevated risk profiles and would likely distribute and supply the information to government agencies as per their demand. Although, our platform is in no way responsible for risk management of lenders and borrowers engaged on our platform. Our platform will enforce the rules and regulation related to lending, the Truth-in Lending Act, user protection act, data security and deceptive business practices and other procedure intended as legal and regulatory compliance in the countries where our platform is operational. We desire to act with the highest standards of integrity, honesty, and accountability. CacaoShares currently does not support registration for citizens and tax residents from the following countries:

- United States of America, New Zealand, Canada
- Somalia, Lebanon, Pakistan, Nepal, South Korea
- Central African Republic, Switzerland, China, Bangladesh

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