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Singapore
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EN

Profile Report

CARTESI FOUNDATION LTD.

Singapore	**201912139W**
(Country or jurisdiction of incorporation)	(Entity Registration Number)

(Address, including zip code, including area code, of principal executive offices)

This is an unverified project.
An official representative from the project has NOT verified the data for this project. The Xangle Research Team collected project information by prioritizing the data source in the following order: 1) Official website, 2) Official SNS channels, 3) Exchanges announcements publicly endorsed by the Project, 4) News by reputable media channels. We have made every attempt to ensure the accuracy of the information provided but cannot guarantee the completeness or correctness of the collected data. Project disclosures and announcements display either the source or submitter for users to assess data credibility.

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WHERE YOU CAN FIND MORE INFORMATION

Readers and others should note that the company announces material information to the public using the company website, press releases, public conference calls, and webcasts. They may also use the following social media channels as a means of disclosing information about the company, products, planned financial and other announcements and attendance at upcoming investor and industry conferences, and other matters.

Channels	Address
Company Website	https://cartesi.io/
Main communication channel	telegram
Twitter	https://twitter.com/cartesiproject
Company Blog	https://medium.com/cartesi
Facebook	https://www.facebook.com/cartesiproject?source=post_page---------------------------
Linkedin	
Github	https://github.com/cartesi

Reddit	https://www.reddit.com/r/cartesi/?source=post_page---------------------------
Telegram	https://t.me/cartesiproject
WeChat	
KaKaoTalk	
Custom Link	Discord - https://discordapp.com/invite/Pt2NrnS Youtube - https://www.youtube.com/watch?v=tYBfDe-14hE&t=3s&source=post_page---------------------------

The information posted through these social media channels may be deemed valid. Accordingly, the public should monitor these accounts and the blog, in addition to following company press releases, conference calls, and webcasts. This list may be updated from time to time and these channels may be updated without notice.

Company Representative (Report Data Submitter)

Name	Position	Office Phone Number	Telegram ID

PART I. Corporate Profile

ITEM 1. Basic Corporate Profile

Official Company Name	CARTESI FOUNDATION LTD.
Establishment Date	2018
Jurisdiction of Incorporation	Singapore
Principal Office Location	
Address of Official Company Registration	FRASER STREET 189352 Singapore
Company Name for Website Display	Cartesi
Description of Company	Cartesi provides a Linux infrastructure for scalable decentralized applications. Complex and intensive computations run off-chain while preserving the security guarantees of the blockchain. DApps developed with Cartesi are significantly more powerful and easier to build.
Company Website	https://cartesi.io/
Whitepaper Link	https://cartesi.io/cartesi_whitepaper.pdf
Mission and Vision	Cartesi creates a bridge between Linux and blockchain. It gives DApps massive processing power and industrial-grade programmability.

ITEM 2. Team

2.1 Executives & Founders

The following sets forth certain information regarding the company's executive officers and founders, their details and positions as of 2020-08-31

Erick de Moura

Position Title	Chief Executive Officer
Short Bio	
Experience	Arizona Bay / Software Engineer WebRadar / Engineer and Team Lead
Education	Pontifical Catholic University of Rio de Janeiro / Bachelor of Engineering, Electrical and Electronics Engineering
Company e-mail	
Social	in @erickdemoura

Diego Nehab

Position Title	CTO
Short Bio	
Experience	
Education	Princeton University / Ph.D., Computer Graphics Pontifical Catholic University of Rio de Janeiro / M.Sc., Programming Languages Pontifical Catholic University of Rio de Janeiro / Bachelor of Engineering, Computer Science and Engineering
Company e-mail	
Social	in @diegonehab

2.2 Engineering Team Leaders

The following sets forth certain information regarding the company's development and engineering leaders, their details and positions as of 2020-08-31

Diego Nehab

Position Title	Chief Technology Officer
Short Bio	
Experience	IMPA / Associate Professor Microsoft Research Redmond / Post-doctoral researcher Tecgraf / Researcher
Education	Princeton University / Ph.D., Computer Graphics
Social	in @diegonehab/?originalSubdomain=br

2.3 Advisory

The following sets forth certain information regarding the company's advisories, their details and positions as of 2020-08-31

No data available

2.4 Organization Structure

The following sets forth certain information regarding the structure of the company as of 2020-08-31

Name of Department/Group/Office/etc.	Number of Full-Time Staff	Number of Part-Time Staff	Head of Department (Maybe left blank)
No data available			
Total	0	0	

PART II. Business Information

ITEM 1. Industry Classification

Not Applicable

Sector	Technology
Industry	Software and Services
Sub-industry	Infrastructure and Platform
Categories	1. dApp

ITEM 2. Industry Description

2.1 Industry Overview

2.2 Recent Trends

2.3 Target Market Size

2.4 Target Customers

DApp developers and users

2.5 Competitors

2.5.1 Existing Industry Competitors

The following sets forth certain information regarding the company's conventional competitors already established within the industry as of 2020-08-31:

No data available

2.5.2 Token Project Competitors

The following sets forth certain information regarding the company's competitors that have implemented Token economics as of 2020-08-31:

No data available

ITEM 3. Project's Business Model

3.1 Business Description

3.1.1 Revenue Model

3.1.2 Platform or Application Overview

General platform description

Cartesi is the only software-based verifiable off-chain compute system that gives developers a vast array of software that evolved in the last 30 years and that enable the applications we use on the Internet today.

Functions of the solution

Cartesi solves these problems by:
1) Offering developers the software and tools supported by a full Linux OS.
2) Moving off-chain all the heavy computation over large amounts of data, that blockchains cannot do.
3) Offering services and a token economy that allows users to securely rely on the network and remain free from inconveniences of blockchain tech.

User pain points

1. Difficulty in coding: DApp developers face a multitude of problems today, having to reinvent software stacks for blockchain that have already existed and have been matured for decades. Mainstream mobile/desktop/web applications today depend on multiple software dependencies that took decades to mature on operating systems like Linux. Blockchain applications cannot use mainstream software, libraries, and services, unless they sacrifice decentralization in some way.
2. Computational Limits: DApps also suffer tight on-chain processing limits. Therefore, they can hardly offer a compelling alternative to mainstream centralized apps. They are often hard to build, being clunky and limited for developers and DApp users.

3.1.3 Product/Service Line Description

No data available

3.1.4 Competitive Advantage

Cartesi is all about mitigating the adoption barrier for DApp development. It will make it easy for mainstream and veteran developers to onboard decentralization by offering the tools and programming environments they are familiar with.
Another key aspect is that Cartesi as a second-layer system will exist on top of the most important blockchains. Developers that code on top of Cartesi can then easily port their code across the different blockchains.

3.1.5 Intellectual Property

No Input

3.2 Partnerships

▸ GoBlock

Counterparty Website	https://www.goblock.com.br/
Counterparty Description	GoBlock is a Brazilian startup and Genesis portfolio company that specializes in consulting, development, and research of decentralized solutions for high profile enterprises.
Applicable Dates	
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	Cartesi is partnering up with GoBlock on a DeFi project applied to energy markets. The system developed by GoBlock is an Ethereum-based Exchange for Energy Derivatives Contracts. It allows for cascaded energy futures contracts to be traded on the blockchain in a secure and transparent way, with counterpart risk mitigation mechanisms. Cartesi and

	GoBlock will work together to explore how to implement Cartesi's technology to apply it to the computation of open position balances, order matching, and other complex features that would be impractical to run on-chain. This will allow for new financial services on the DeFi platform, such as collateral calculation and new order types, giving more flexibility to traders' strategies.
Expected Benefits to Project Team	
Expected Benefits to Counterparty	

Newfang

Counterparty Website	https://newfang.io/
Counterparty Description	Newfang and Cartesi are engaging together to explore the integration of each other's technology. Newfang will study using Cartesi as a computational layer on top of Newfang's storage system. In addition, Cartesi will look to support Newfang as a decentralized file-sharing system.
Applicable Dates	
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	Newfang is a new Decentralized Cloud Storage Platform for Web 3.0 Applications, powered by the EOS Blockchain. Newfang helps developers offer their users privacy and ownership of their data and remain resilient to data breaches/censorship. Their decentralized access control allows users to share encrypted files with other users, apps, organizations, and revoke them when needed, along with storing the data on the users' platform of choice.
Expected Benefits to Project Team	
Expected Benefits to Counterparty	

Matic Network

Counterparty Website	https://matic.network/
Counterparty Description	Matic Network is a Layer 2 solution for transaction scalability, utilizing an adapted version of Plasma MVP, secured by a network of PoS validators. Very low latency and high transaction throughput can be achieved without compromising the security and decentralization of the system.
Applicable Dates	2020-04-30 ~
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	On April 30th, Cartesi announced a strategic partnership with Matic to enable greater responsiveness, faster transaction processing and lower transaction fees for DApps created on Cartesi. As part of its ongoing plan to have Cartesi DApps provide a seamless user and developer experience, Cartesi also announced that Creepts DApp was successfully tested on Matic's testnet. Matic will also be exploring using Cartesi for their Plasma exits. Key Benefits of the partnership 1. Matic's Plasma-based sidechain provides greater throughput (TPS) compared to the base blockchain. This empowers DApps with a much faster response time and significantly lower transaction fees. 2. The second benefit of such integration is to bring to DApp developers the Linux runtime.

3. Finally, another promising area of research is the use of Cartesi's dispute resolution algorithm on Plasma exits. Under fraudulent scenarios, Plasma users may decide to leave the Plasma chain and recourse to the mainchain in order to defend their interests.

Expected Benefits to Project Team

Expected Benefits to Counterparty

MixMarvel

Counterparty Website	https://www.mixmarvel.com/
Counterparty Description	MixMarvel is a global game publishing platform based on blockchain technology. MixMarvel is eager to build a vast 3D virtual game world created by users and developers worldwide, in some measure, a blockchain version of the virtual world of the motion picture Ready Player One.
Applicable Dates	2020-08-24 ~
Does this partnership has an expiration date?	No
Revenue Generation	No
Expected Revenue (USD)	N/A
Partnership Description	Cartesi and MixMarvel will partner up to explore technical cooperation and integration of Cartesi's infrastructure. With Cartesi's Descartes SDK, games can unleash massive computation while preserving the strong security guarantees of smart contracts. That will allow both companies to advance with new possibilities in fully-decentralized games.
Expected Benefits to Project Team	
Expected Benefits to Counterparty	

3.3 Project Progress

History

No Input

Project Status

No Input

Development of the platform and business operations have been or will be funded through the following sources

Plan or Strategy to expand platform or token

No Input

3.4 Milestones

Title	Target Date	Status	Description
			On February 27th 2020, Cartesi announced a full launch of Cartesi's first DApp: Creepts on Ethereum's Rinkeby testnet. Creepts is the world's first fully decentralized tower defense tournament game. It is built on top of Cartesi's Layer 2 solution for blockchains, which is available as an open-

First DApp 'Creepts' Launch	2020-02-27	Completed	source software stack that is under active development. In this edition of our full launch on the Rinkeby testnet, Cartesi's fully decentralized tournament infrastructure is running. Cartesi calls the first release on the Rinkeby testnet a "read-only" version of Creepts. With that, Users can play Creepts directly from their browser on desktop or mobile, without the need to download any software. But user cannot submit your scores and effectively compete.

3.5 Use Case

No Input

3.6 Legal Concerns

No data available

PART III. Financial Information

ITEM 1. Equity Shareholders

The following sets forth company cap table of equity shareholders of the organization with more than 5% stake as of 2020-08-31
Number of Shares Outstanding:

Shareholder Name	Title or Relations with Company	Percentage of Total Outstanding Shares	Number of Shares
No data available			

ITEM 2. Equity Funding History

2.1 Equity Funding Rounds

Transaction Name	Announced Date	Number of Investors	Money Raised (In USD)	Lead Investors
No data available				

2.2 Extraordinary Relations with Company

The following sets forth companies and organizations with extra-ordinary relations with company as of 2020-08-31

Company Name	Country of Incorporation	Start Date	End Date	Relationship Details
No data available				

ITEM 3. Financial Disclosures

The following are simplified and condensed financial statements submitted by the company for disclosure last updated on 2020-08-31:

3.1 Simplified Income Statement

○ Year ◉ Quarter

3.2 Simplified Balance Sheet

○ Year ◉ Quarter

3.3 Key Ratios

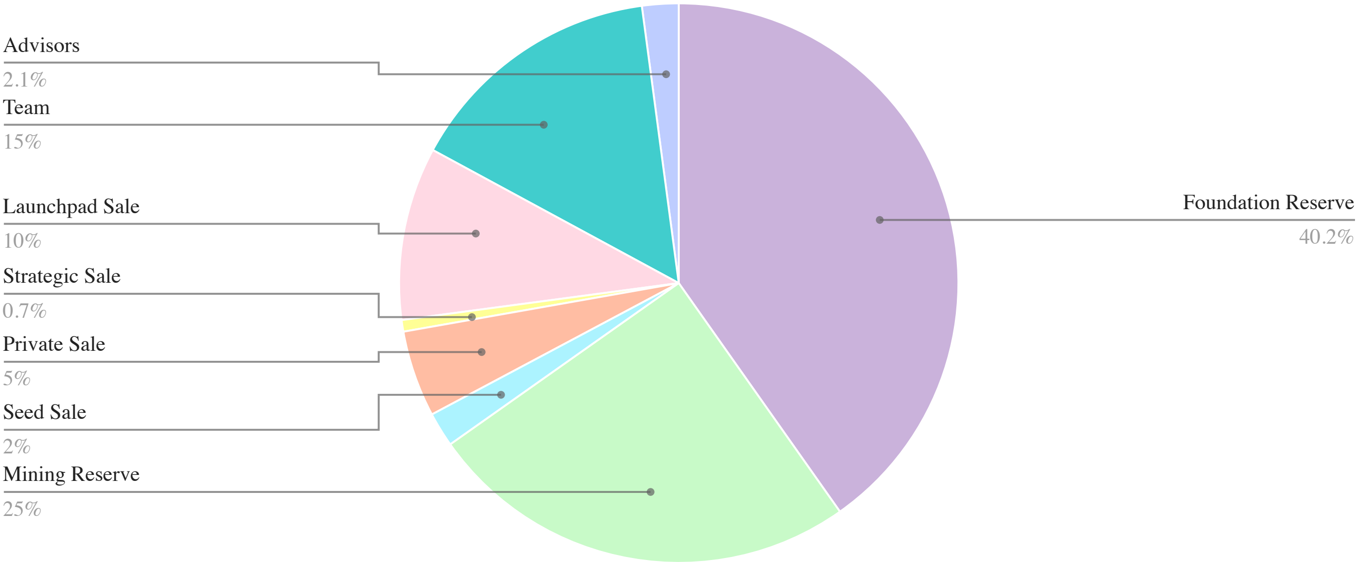
No data available

PART IV. Token Information

ITEM 1. Token Profile

Token Name	Cartesi
Symbol	CTSI
Token Economy	
Token Usage	CTSI has been designed to overcome the basic challenges that blockchains face in terms of usability and scalability. The Cartesi Network will rely on PoS protocols to provide services such as a side-chain optimized for high throughput and temporary data storage for DApps. CTSI is also used in the incentive protocol as specified in the Cartesi Core (whitepaper) and other convenient services that the Cartesi Network will offer (ex: commit-reveal protocols). Finally, CTSI will isolate DApp developers and users from the instabilities of the different underlying blockchains. In the long run, the CTSI is expected to capture most of the value in the DApp ecosystem, with DApps being portable across different blockchains.
Short Token Description	
Token Contract Address	
Base Platform	Ethereum
Mainnet Explorer Url	
Network	Type: Mainnet (Token) Network Type: ETH Network Sub-type: erc20
Project Type	Utility Token
Tokens were initially available and currently obtainable in the following method(s)	1. Private offering 2. Exchange offering
Additional Token issuance or minting conditions, including implemented natural inflation.	
Trading practices after the Token Sale by Company	
Method of allocating tokens during Token Sale	

Token allocation percentage based on Total Supply immediately after Token Generation Event



2.1 Token Sales details

No Input

Percentage of individual investors at initial offering

Terms and conditions for top backers

No Input

2.2 Initial Offering Rounds

No data available

*: Proposed calculation, but not necessarily mandatory, is based on USD equivalent of cryptocurrency received between the start and end date of the Token sale duration calculated by ((High+Low)/2) of market price

ITEM 3. Token Supply History

The following is a manual record Token supply history as of 2020-08-31. Corresponding transactions hashes have not been provided within this report.

Purpose	Date	Amount	Value (USD)	Post Total Supply	Post Circulating Supply
No data available					

ITEM 4. Listed Exchanges

	Exchange	Pair	Price	Volume	Percentage
	Binance	CTSI/BTC	-	$1,532,978	37.20%
	Binance	CTSI/USDT	-	$1,244,753	30.20%
	Bilaxy	CTSI/USDT	-	$422,021	10.20%
	Dcoin	CTSI/USDT	-	$340,627	8.30%
	Binance	CTSI/BUSD	-	$84,015	2.00%

	CoinDCX	CTSI/BTC	-	$76,046	1.80%
	Binance	CTSI/BNB	-	$65,435	1.60%
	Hotbit	CTSI/BTC	-	$62,854	1.50%
	Hotbit	CTSI/USDT	-	$53,805	1.30%
UPbit	Upbit	CTSI/BTC	-	$52,820	1.30%

ITEM 5. Token Ownership

The following is an automatic query result of wallet addresses based on balance holdings with meta data application as of 2020-08-31.

Rank	Address	Balance	Percentage

ITEM 6. Token Price and Market Cap

The following are market data present as of 2020-08-31.

Market Cap Rank **389**

Price Performance

▸ **USD**

Current Price : $0.093641

Change (7d/24h/1h) : 12.6% | 12.9% | 2%

Market Cap : 18,578,701.33

Initial Offering Price : $-

Return since Initial Offering :

▸ **ETH**

Current Price : 0.000220 ETH

Change (7d/24h/1h) : 4.8% | 7.5% | 2.3%

Market Cap : 43,695.50

Initial Offering Price : - ETH

Return since Initial Offering :

▸ **BTC**

Current Price : 0.000008 BTC

Change (7d/24h/1h) : 12.8% | 12.2% | 2.1%

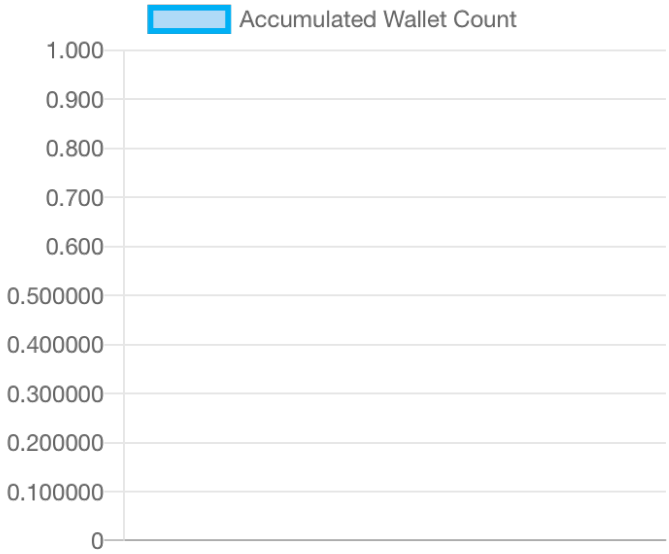
Market Cap : 1,589.70

Initial Offering Price : - BTC

Return since Initial Offering :

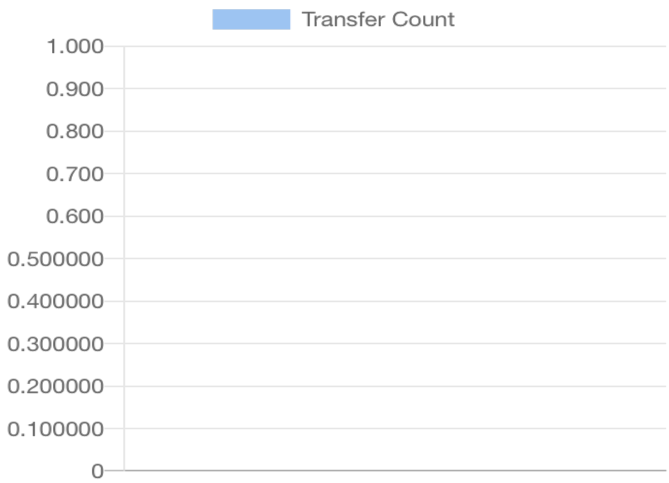
ITEM 7. On-chain Performance

Accumulated Wallet Count



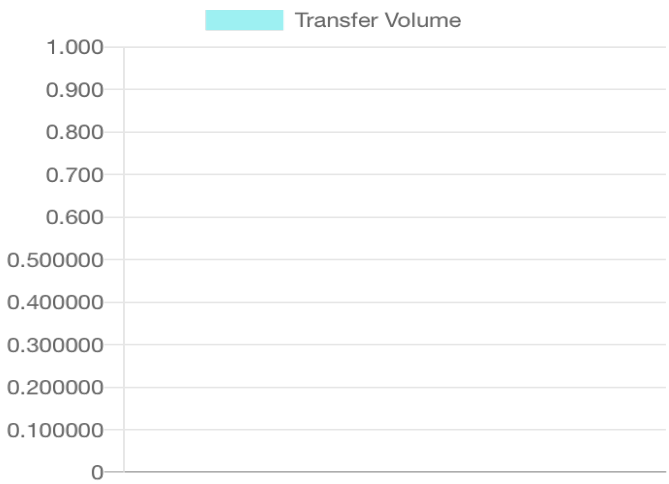
Date	Accumulated Wallet Count	New Wallet Count
	No data available	

Transfer Count



Date	Token Transfer Count
	No data available

Transfer Volume



Date	Token Transfer Volume
	No data available

PART V. Compliance

ITEM 1. Legal

Legal Memorandums and Opinions

Date	Target Jurisdiction	Sender / Written by	File
No data available			

Legal Compliance

Q: Can you ensure that your project is in compliance with all laws in the countries that you conduct business and the jurisdiction of where your company is incorporated? Please use the input field to describe your circumstances in case you cannot ensure compliance.
A:

Q: Can you ensure that there are no elements or features that potentially involve damaging public interests in certain countries due to the activities promoted by the project? (Gambling/drugs, etc.) Please use the input field to describe your circumstances in case you cannot ensure compliance.
A:

Q: Can you ensure that your token/coin project is not categorized as a security under any existing global capital market regulations? Please use the input field to describe your circumstances in case you cannot ensure compliance.
A:

ITEM 2. Technical

Technical audit results and other equivalents

File	Date	Document Title	Audited by / Reported by
No data available			

Technical Compliance

Q: Can you ensure that your company has the technical capability to cooperate with exchanges? (Daemon/Wallet/Mainnet support/etc.) If your answer is yes, please use the input field to describe what necessary steps are required for the exchanges to engage in listing your project.
A: