

CRYPTO HARBOR

SINCE 2018

WHITE PAPER



Index

Chapter 1 Project Overview

- 1-1. From CryptoHarbor Exchange Project to CryptoHarborProject
- 1-2. Mission
- 1-3. Activity Guidelines
- 1-4. Community expansion and maintenance.

Chapter 2 Exchange Establishment

- 2-1. Regarding the exchange.

Chapter 3 Token Specifications

- 3-1. General perception of an exchange tokens.
- 3-2. What is ERC223
- 3-3. CHE (CryptoHarbor Exchange) Token Specification

Chapter 4 Exchange Listing

- 4-1. Information about Listing

Chapter 5 Project structure

- 5-1. Operational structures
- 5-2. Establishment of a corporation

Chapter 6 Roadmap

- 6-1. Steps taken until now
- 6-2. Roadmap



Chapter 1 Project Overview

1-1 From CryptoHarbor Exchange Project to CryptoHarborProject

What we are aiming is to be a harbor of the community. The main goal is to activate the community and create a place to communicate the products born from the community participants (you too would be one of them). We believe the platform would be the special economic zone where you can create service, product, and come together to discuss their ideas.

In short, "CryptoHarbor" is to create a own eco system (community eco system).

"CryptoHarbor" is a special economic zone where the economic activities will take place using CHE tokens that created by us.

CryptoHarbor Exchange is one of the core function as well as central axis of it.

While CryptoHarbor Exchange token is known as an exchange token, its other usage has not been discussed before. However, we are not simply aiming to create an exchange, but to create a community where you can use CHE and would like to see cultures, values would be created.

We have updated WP to simplify the overview of CryptoHarbor project and guide in depth details in other chapters.

1-2 Mission

Our mission is to create our own unique eco system called "CryptoHarbor"

To achieve its main goal, the project will progress based on the roadmap below.

Project's overview roadmap has been divided to three phases.

Project Overview to achieve the mission goal.

Phase 0 - Harbor: Create a community to be the "harbor" of the project.

Phase 1 - Exchange: Create an Exchange

Phase 2 - Lab: Create a R&D Lab and Blockchain School

Phase 3 - Echosystem: various project to start from the community

(*Phase names to be finalised)

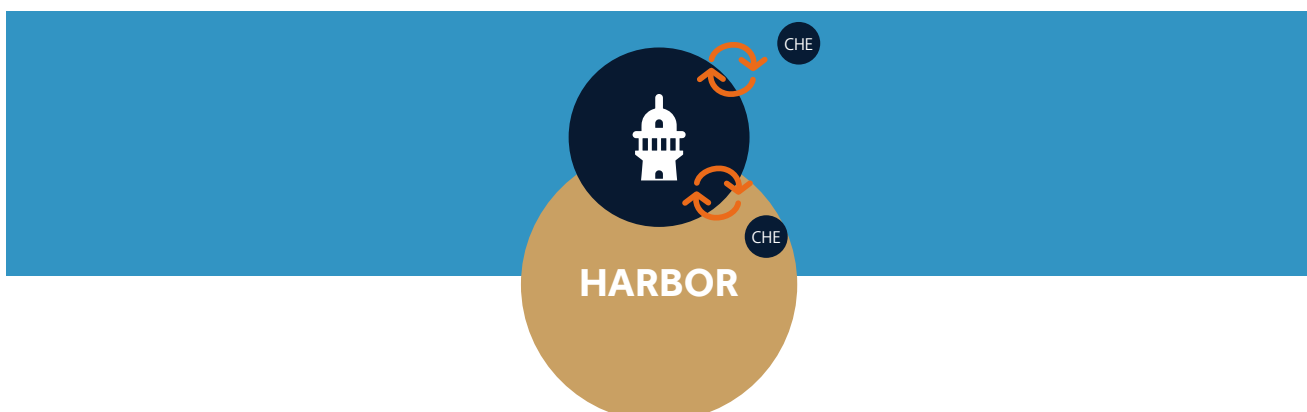
0 This phase is to create a community.

We're trialing the ranking within Discord community, as well as other projects. In the future, we may review other communication method, but not limited to a notice board based system.



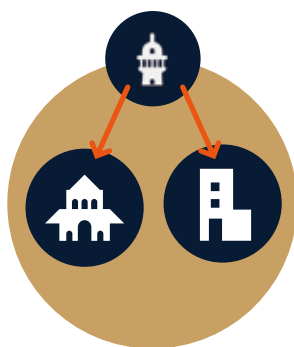
1 Phase to create an Exchange

We are fully aware of the legal and technical challenges ahead of us. It is understandable that the team is still not matured, however, with the help of the community as hiring of the specialist and ideas from the community will help us to reach our goal one step at a time.



2 Blockchain school and R&D lab establishment phase.

As a next step, we will establish a place where people can learn blockchain. By creating a place where community can learn blockchain, we would like to provide an environment to start a new cryptocurrency projects in the future.



3 A Phase where numerous projects would initiate from the community

We believe the real beginning is when the blockchain school and the exchange is established. Community provisioned projects that may grow or reduce its footprint and become active just as a living organism. Possible projects are, Electronic Commerce sites, third-party wallet service, or even virtual idol with a donation system. CHE will be a central currency for these project and CryptoHarbor to be used as a venture capital platform, with that expansion of the community harbor. Also, as more personnel would be on-board the project, it is expected to convert the exchange to distributed exchange at this phase.

Goal is to be a common currency for these economic activities and community ecosystem. Anyone is welcome to join the community, people who wish to cheer for us, provide ideas, support with skills and of course, you're welcome just to enjoy by visiting us.

1-3 Activity Guidelines

As a community member of the harbor, we will follow the guidelines as per below and progress and reach for the goal of the project.

1 Always ready to adapt

Not everything would be better. However, aim and challenge to create the environment to benefit al.

2 Act clean and comfortably

Compliance of other countries' law and regulation, and take ethical action.

3 Be advantageous with accepting diversity

Respect one and other and accept each other. (platform with human relationship)

Use individual strength on the best possible places.

1-4 Community expansion and maintenance.

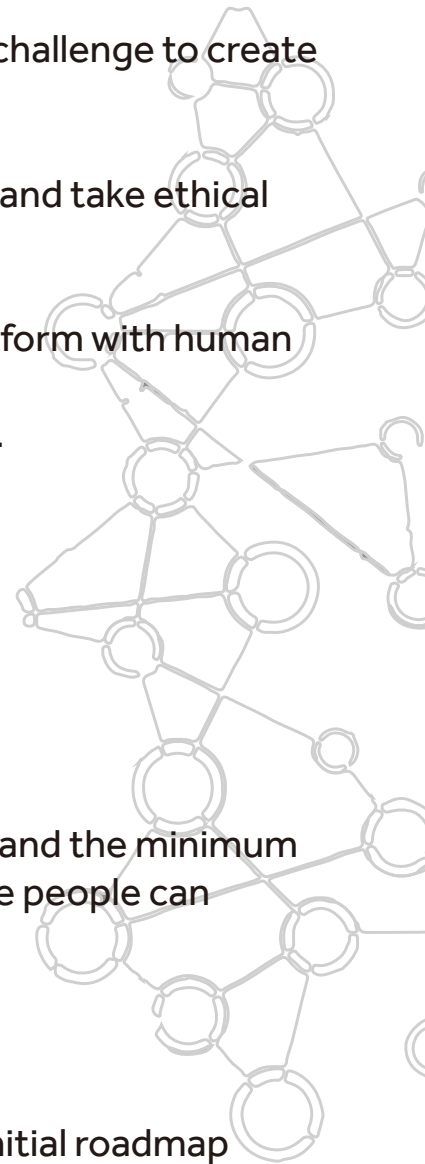
*Aim of the community

Based on the action guidelines of the CryptoHarbor project and the minimum rules, we aim to create a free and forgiving community where people can submit their ideas and utilise their abilities.

*Administration of the community

Discord and Twitter community has begun its life from the initial roadmap and mission goals.

**We're currently planning to move the community to its own independent platform unique to CryptoHarbor.



*Helper Positions

Positions are divided to patrol and planning. Some may take both roles and it would be up to the individual to weight each roles.

Patrol

A position to enforce rules of the community. This role can warn others, keep the order and keep the peace within the community. Also, to provide help and answer questions from the community regarding the past announcement and redirect to an appropriate channels.

Planning

A position to help discussion and design the project activities, such as community event (token distribution), community expansion and maintenance.

*A role of helper work very closely to the administration, however, its role is restricted to the community moderation and full responsibilities are within the administration itself. In short, any moderation, warnings and comments of the helpers does not represent the administration and his/her own comment.

*Community Reward

Community Reward are

Reward to an individual who has attended the activities and meet the minimum requirement to receive reward.

Reward to an individual who has won a prize from the competition.

Other Rewards

For each month until the exchange is established, we're expected to distribute 100 million tokens each month. Once the exchange is established, half of the token that has been used for a voting will be distributed as a reward.

What are the community events?

Community member whom selected by the community administrators may receive a reward by CHE tokens. These are efforts to increase community members and reward member with a mechanism that can participate in various ways in the community.

Implemented in the past

- Create a comic strips.
- Let's write a poem
- Hit jackpot with the lottery.
- Submit your ideas!

Project plan in the pipeline.

- Wasshoi Festibal
- catch copy writing contest
- Let's widen the connection of CHE Harbor town
- T-Shirt design contest
- etc



*Closed Channels

There will be a private/closed channel within the community.

Aim is to provide a place to speak up, for members who agreed to our directions, active community members, and supporters.

*VIP Channel

* as of APR 2018, Black or higher can enter the channel now.

*DVIP Channel

For the people who have donated more than 0.1 BTC.

Also plan to credit these donors on the final product release.

***CHE official Promotional Character**

A character will be created to obtain a world wide recognition, and one that can be loved by the community. Separate to the official character, we're planning to create a character that is based on each countries own cultures.

***A Future community administration guidelines**

Previously, the community has been operating under the guidelines that the community would be self regulated and from the helps of other community members, helpers were also from the community as well. There was only one member of the project within the community as Discort admin as the guideline. Unfortunately, there has been a several comment that the administration are not transparent, therefore from now on, developers and project admins would be joining the community and people will be able to connect directly, as well as the channels for administrators to join as well.



Chapter 2 : Exchange Establishment

2-1 Regarding Exchange

*Concept

Developing with the community

-A community exchange created by everyone

We will first establish a traditional exchange, then to aim to provide a lively activity for the community and exchange.

*A community exchange created by everyone

As per "the exchange run by community" policy, we will adapt a voting system that will allow community to have a say how it operates with the community.

Not only voting system, but other systems may be implemented to allow participation.

A vote may decide:

- What currencies to be listed in the future
- Initial currencies to be listed on the exchange.
- Etc

*Initial Currencies

- Bitcoin (BTC)
- Ethereum (ETH)
- Ripple (XRP)
- Bitcoin Cash (BCH)



*Trading fee

All the trading fee would be payable by CHE token. When CHE has been selected a fee payment, discount of 50% will be applied. Discounted trading fee is 0.05% and normal trading fee is 0.1%

*Exchange that changes with idea

These are the examples that shows what we believe the community driven exchange would be like and provide a unique platform.

- Open Exchange API and allow the User Interface skin to be replaced by a third party.
- Allow trade on the thirdparty wallet.

(may restricted to a currency with certain trading volumes)

*An exchange aimed by CHE

we believe the community driven exchange has an advantage over other traditional exchanges. We are aiming to be within number 40 of global exchange ranking.

*Current development progress of the exchange

Approximately 70% of development has been completed prior to the go live. Frontend design, connection to other wallets, and security are yet to be completed.

*Future of the development

- Once CHE is listed, hire an engineer and continue with development.
- Publish UI/UX demo, and community feedback.
- Complete Beta Version
- Complete the product and release.

*Minimum of 100BTC is required to open the exchange.

(Estimated of 30% of Loading Time)

(Please read Chapter 4 Exchange Listing for more information)

Chapter 3 Token Specification

3-1 About Exchange Tokens

*Advantage of Exchange Tokens

Survey of 1500 people who have applied to the airdrop replied that approximately 85% of trader is already using a cryptocurrency exchange that uses their own tokens.

*Few common characteristics of these exchanges are:

- A trading fee is halved
- Traders with the exchange token may receive extra coins.
- Token owners can vote for new listings by using the token.
- Token with Stake abilities, increasing assets just by owning it.

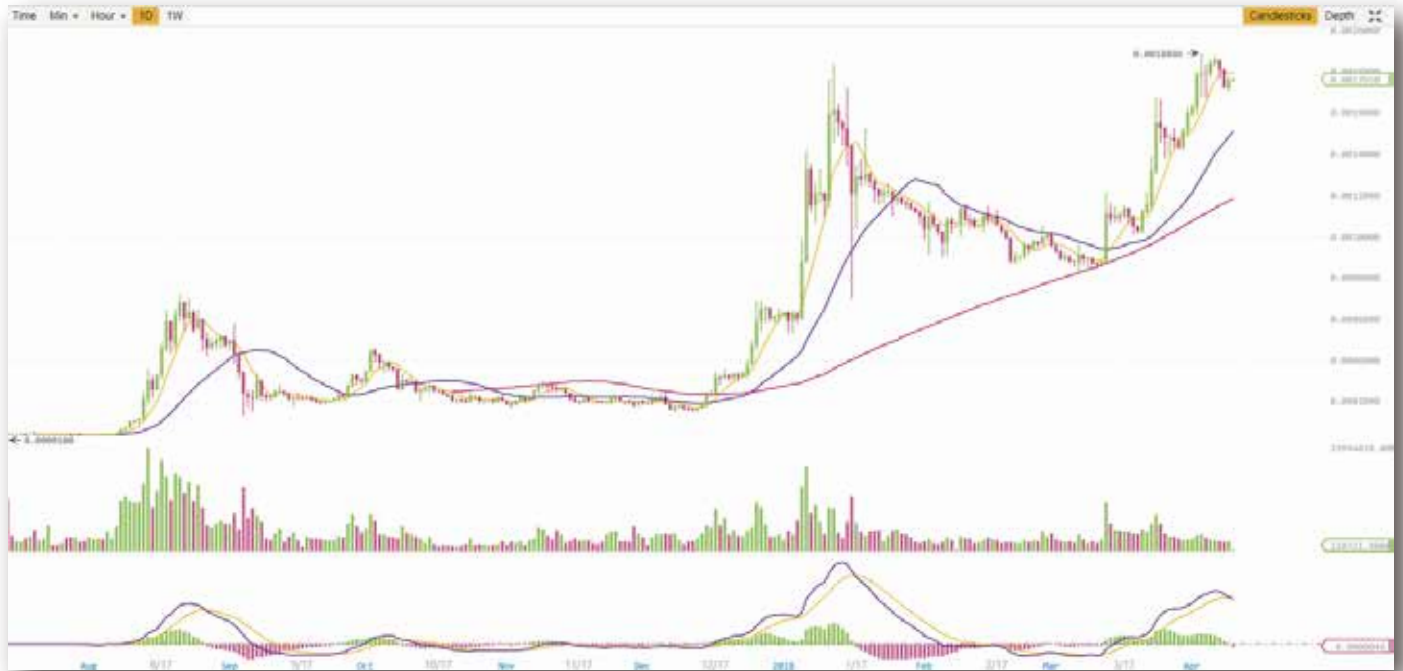
Tokens from the exchange with high volumes of trading also have its values at the high at the moment, and it is resilient to price volatility.

The reason for its resiliency can explain that these tokens can be used in exchange for various other activities such as voting, trade discount and so on.

For example, if someone would like to vote for a crypto currency to be listed, he/she must have the motivation to buy these tokens. Also if the exchange offers the discount for trading fees, it also creates a need to have these tokens. Do not forget that you can sell these exchange tokens within the exchange itself as well.



(Reference : Binance Coin Charts)



*Exchanges with own Token System

- | | | | | |
|----------|---------|----------|---------|---------------|
| •BINANCE | •KuCoin | •QUOINEX | •Bibox | •Huobi.pro |
| •COSS.io | •EXMO | •Zaif | •CoinEx | •CryptoBridge |

3-2 What is ERC223

The CHE token is an ERC 223 compliant Ethereum token.

ERC 223 is a specification that improves the shortcomings of ERC 20 which is currently widely used as Ethereum token.

One of the problems with ERC 20 is that if a token is erroneously transmitted to a contact address and can be lost forever. In fact, hundreds of millions of tokens have disappeared as a result of this common problems.

ERC 223 can be used more safely and securely because the transaction would be sent back to the original address is added when tried to sent to the contact address.

ERC 223 is compatible with ERC 20, you may continue to use Wallet and many other services you have used with ERC 20.

Improvement of Ethereum network, such as Plasma and Raiden Network which to increase the transaction capacity, are expected to improve the value of tokens in the future as well.

The CHE token which adopted ERC 223 has many other advantages.

“Simultaneous Distribution Function”

Air drops can be efficiently carried out while reducing fees.

“Lock up function”

This function can be used to increase the value of CHE.

“Address frozen function”

An orderly market can be maintained.

The unsold part at the time of CHE listing is scheduled to be burnt. As the number of tokens is reduced, you can expect the value per token to be raised. In addition, CHE token will not incorporate minting function which can be used to increase the number of tokens

3-3 CHE (CryptoHarbor Exchange) Token Specs

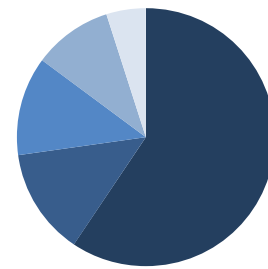
Name : CHE (Crypto Harbor Exchange)

Specification : ERC223

Total : 50 billion tokens

Distribution :

Loading Time	60%	30Billion
Development	13.5%	6.75Billion
Marketing	12.5%	6.25Billion
Administration	10%	5Billion
Angel investors	4%	2Billion



Storage : MyEtherwallet (or any ERC token compatible wallet)

Features : Account lock during voting, lock up, mint/mint stop, airdrop

Use cases : Trading fee discount of 50%,

- New listing voting
(1 CHE = 1 vote, Half the token that has been used will be locked)
- Affiliate Reward
- Community Reward

*Initial locked up amount

Following amount of the tokens will be locked up to prevent following, to control market value by minimising the administration to flood the market, development of the distributed exchange, establishment of the lab and other admin fees. Following amounts will be locked away until the exchange is established.

Development 50%	3.375Billion
Marketing 50%	3.125Billion
Administration 50%	2.5Billion
Total	9Billion

((Estimated to be 90 BTC total))

Locked up addresses will be published to open.

Chapter 4 Exchange Listing

4-1 About Exchange Listing

*Loading Time = List the token on an overseas exchange, and sell each token at 1 satoshi (the smallest amount of Bitcoin)

“Note”

Price will be depends on the buy order of the market. If a buyer decide to place an order at 2 satoshi and other at 1 satoshi, a higher price of the order will be fulfilled prior to the lower price orders are fulfilled. For example, if we place a sell order of 500 tokens at 1 satoshi, and there are two active buy orders of 300 tokens at 2 satoshi, and 200 tokens at 1 satoshi, a sell order or 500 will be divided to two sell orders of 300 at 2 satoshi and 200 at 1 satoshi.

CHE token will be using a 1 satoshi sale method, distributing 30 billion tokens. The reason why we did not use ICO is to provide the token at the lowest possible price to the members of the community and watch the development and contribute to the community.

This initial sale time is called “Loading Time” and hopefully all the tokens will be sold and Loaded on everyone’s ship is how set sail of CHE to the future.



*Target BTC

Number of CHE

Once target goal of 300 BTC is reached, leftovers will be locked up and used for following purposes, Community funds, establishment of lab and school, and community engagement. There will be a public announcement for each unlock.

*Required BTC Amount

- Development of Exchange System 30 BTC
- Operation of the exchange 20 BTC
- Administration 20 BTC
- The minimum of 100 BTC to open the exchange
(Estimated to be 30% of the Loading Time)

*If the required BTC amount is not reached

While specification may change, but using acquired fund, development of the community board will begin. 2-30 BTC is estimated to create a community board and acquisition of the server.

The forum is the harbor of the community and will be used to increase the popularity of the project.

Exchange Development forum, Question to the admins, community expansion and real retail usage will be discussed.

The forum will have a place to start a blockchain business, voting/ranking system, airdrop support, donation and provide an active community for CHE.



Chapter 5 Project structure

5-1 Operational structures

Operational administrators and supporters

- Current
 - Project Owner : 1
 - PR, Business Development: 2 (currently 1)
 - Marketing: 1
 - Community Administration: 1
 - Development Project Manager: 1
 - Coin Development: 1
 - Legal: 1
- Development team (After finance are confirmed)
 - Engineers (currently working in an exchange) : 3
 - Security Engineer: 1
 - UI/UX Designer: 1
 - Web Administration: 1
 - Web Development: 3
 - Translator: 2

5-2 Establishment of a corporation

We're actively working toward establishing following two corporations.

1 Corporation in Japan

2018.05.21 Craxy inc. was established.

This corporation will be used to operate community forums. Once the exchange is established, operating country will be decided.

2 Foreign Corporation

Currently in planning to establish in Africa, Republic of Seychelles

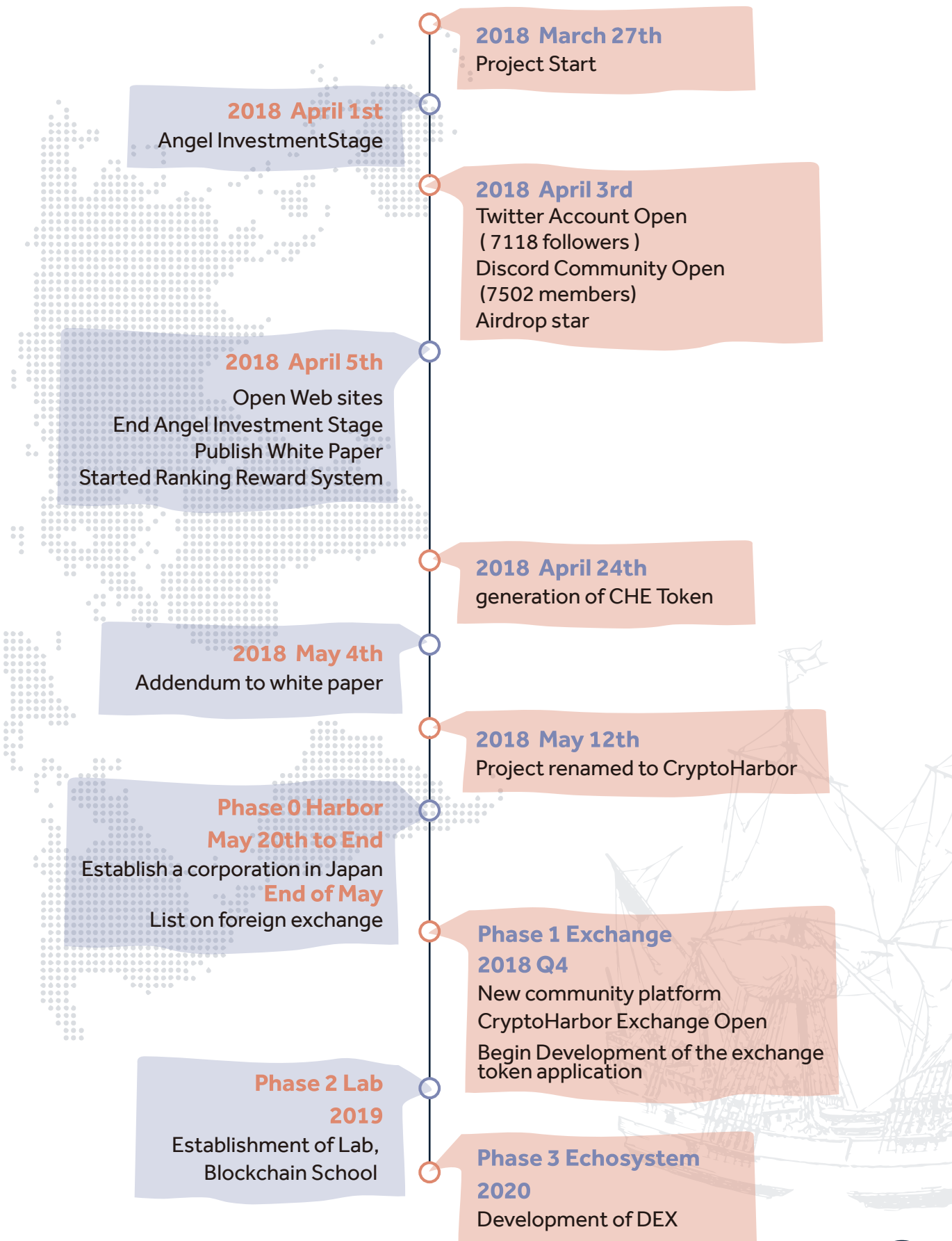
A foreign corporation that will be responsible for the operation of the exchange.

*legal and regulation change will be reviewed and acted accordingly, and plan to open and operate under the country's law and regulation.

Chapter 6 Roadmap

CryptoHarbor Project progress

The project progress is as per below (as of 12th May 2018)



Our Mission Statement

A place like a crowded pub at a harbor town where new information centers and a new conversation flows like to be active and popular. This is where an idea is born, business is started and published towards the world.

We are aiming to create a fully decentralised exchange and supported by its own blockchain technology. It would be the place where trade freely without limitation from people, goods or place and offer a place with freedom. It may be an entertainment, Crowd funding or VR shopping, the place to connect the idea and innovation is where we're aiming to be.

- More than "now" and ideas without "limit"

Our port, CryptoHarbor will be a centre of blockchain technologies and genesis of new cultures.

Lastly, our sail may not be smooth and difficult just as when it hit by a storm, we may have to stop. However, we will continue without giving it up and overcoming each difficulties and aim to provide an active community of "CryptoHarbor" for everyone who joined us.



