mine

New cryptocurrency with the potential
to change the world

Whitepaper ver.1.0.1

Introduction

Economic zone comprising only cryptocurrency without a legal monetary system

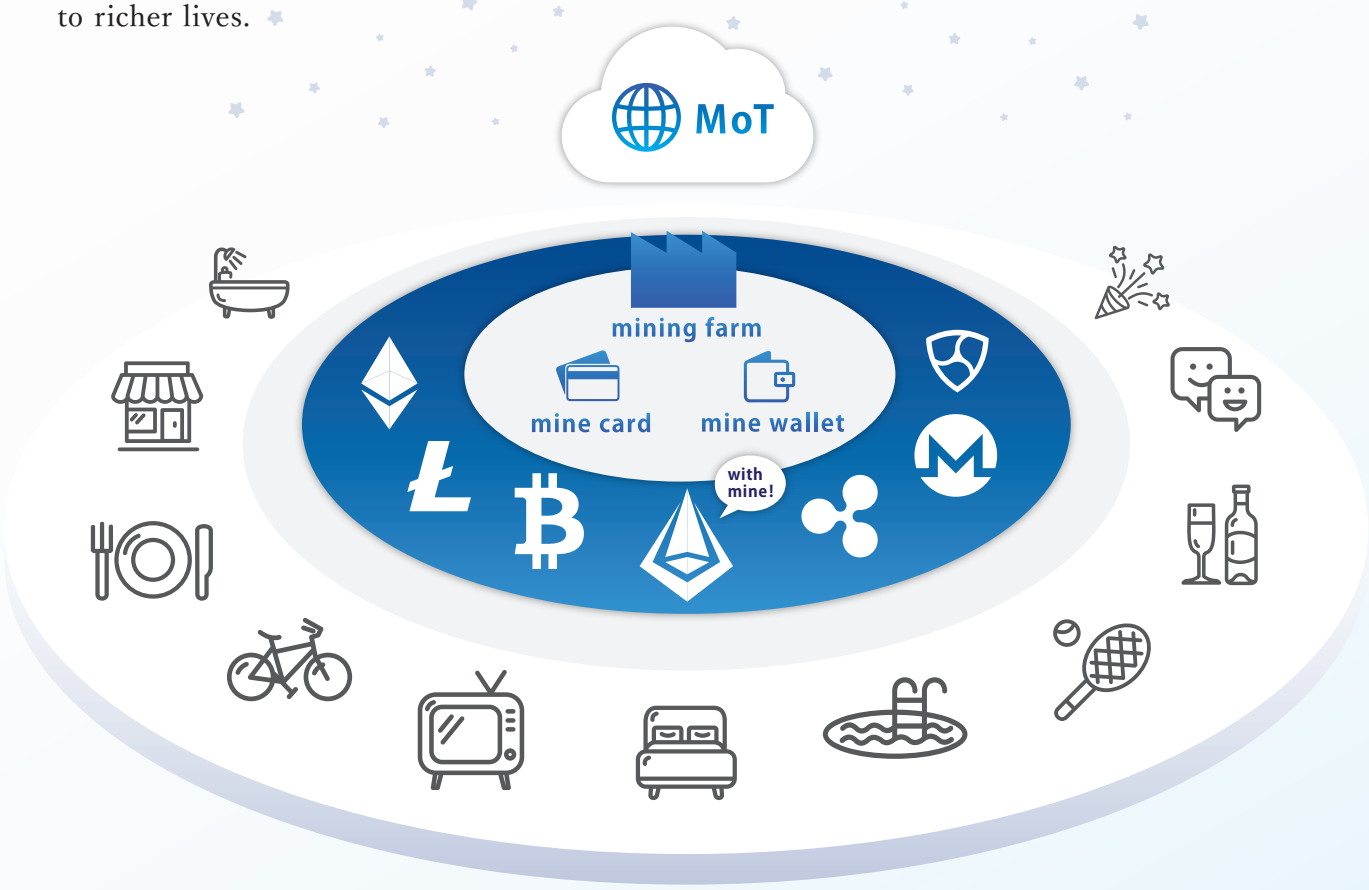
The potential of cryptocurrencies is huge. Because they can be operated at low cost, convenience brought about by cashless use, including inexpensive commissions, and remittance between individuals or between countries, in addition to merchandise marketing, can be enjoyed in various scenes. In addition, by many people sharing the value of a currency that does not have any authority nor does the currency belong to any country, large and small economic zones have been created one after another allowing people to select those economic zones and receive many benefits. In a world where cryptocurrencies are widely used, the economy is further vitalized to enrich the lives of people. Our goal is to materialize such a world.

At present, however, cryptocurrencies are accepted only by some layers. One of the reasons for this is that people are converting a cryptocurrency into a legal monetary system, such as dollars or euros, to evaluate the cryptocurrency when they use the cryptocurrency. It is no exaggeration to say that, because a cryptocurrency has close contact with legal monetary systems, the distortion of the cryptocurrency creates a hotbed for excessive speculative purposes or tax evasion, which then creates a situation where the cryptocurrency cannot be used as a currency in the true sense. Suppose you are staying in a foreign country. Naturally, goods are sold and purchased in the currency of that country. If this action is performed with a cryptocurrency only, an economic zone of only the cryptocurrency where the legal monetary system does not intervene can be created.
In an economic zone where each country controls the value of the legal monetary system, like one apple costs 1 dollar in one country and 0.8 euros or 12 baht in others, the scale of value is measured. It is a matter of course that an imbalance takes place when each economic zone is compared with another. If the cryptocurrency can naturally give value to goods, like 0.0001 BTC, 0.002 ETH, or 150 mine, value can be exchanged in an economic zone in which people all over the world can equally take part.

Payment by cryptocurrency may be difficult for other reasons. Some people do not like cryptocurrency because they do not have opportunities to spend it, even if they have some, because the value of the currency may decline as time passes. In addition, quite a few people have the impression that cryptocurrency is similar to financial assets, such as shares, because the cryptocurrency itself does not circulate. At present, the excellent practicality and convenience inherent to a cryptocurrency are not appreciated despite the fact that the currency increases in value by circulating and being used.

To show the true value of a cryptocurrency, creating a mechanism by which anyone can easily make payments is necessary. If more of a cryptocurrency can be obtained and the value of the cryptocurrency rises when the currency is spent, the number of users will increase and create one large community. If the value of the currency itself semi-permanently rises, the frequency with which people spend the currency will proportionally increase. This loop is the underlying mechanism of creating an economic zone on the axis of a cryptocurrency.

The currency called mine materializes this mechanism, which we call the mine economic zone. We firmly believe that only mine and the mine economic zone can realize the vision of creating a world where cryptocurrencies are widely used, which we seek, and lead people to richer lives.



CONTENT

Chapter 1

Mine economic zone creates a world where cryptocurrencies are widely used

To create a world where cryptocurrencies are widely used, which we are aiming at, there must be opportunities where we can easily obtain a cryptocurrency in the various scenes of daily life.
For example, a mechanism that increases in quantity the cryptocurrency if an exclusive debit card is used more or if one is relaxing at home and watching TV more is necessary. If there is a mechanism where one can use cryptocurrencies in all scenes of daily life like this, the cryptocurrency can attract the attention of many people as a unique currency that has more value than the legal monetary system, leading to the creation of an opportunity where it is widely used.

A cryptocurrency like that is precisely mine. Mine is a token that can trigger the growth of the cryptocurrency, which already has value, or a cryptocurrency that can spread in the future into a currency that has greater value based on a concept of “with mine” by which mine grows together with the more valuable cryptocurrency at the time. Its basic element is to construct a vast mining farm with funds raised through an initial coin offering (ICO) and daily distribute the cryptocurrency that can be obtained through mining according to the number of mines held. In addition, the value of the currency constantly rises because reinvestment in the mining farm is automatically repeated. This is a mechanism that keeps raising the value as the mine is spent, which is a big difference from other cryptocurrencies and is what we call the mine economic zone.

Now let us briefly introduce the basic elements indispensable for creating this mine economic zone. Each element will be explained in detail in the subsequent chapters.

Mining farm

An actual factory to mine cryptocurrency. At the mining firm, the latest GPU is installed to mine Ethereum; but, changing the type of machine used or the introduction of ASIC is considered when following the trend of the day.

mine wallet

A wallet function accompanying mine. In addition to mine, BTC, ETH, XRP, XMR, and ADA are also supported, and supported coins will increase. To receive distribution every day, mine must be stored in the mine wallet. Of course, it can also be transferred to another wallet. In that event, however, daily distribution cannot be received. To receive distribution, mine must be stored in the mine wallet for at least 24 hours.

mine debit card

The Visa debit card can make payments with the cryptocurrency stored in the mine wallet. The priority of which currency is to be used to make the payment can be freely set by the user. The feature of the mine debit card is that several percent of the amount paid can be returned in mine. This is realized by appropriating part of the settlement fee to investment in the mining farm.

Mining of Things (MoT)

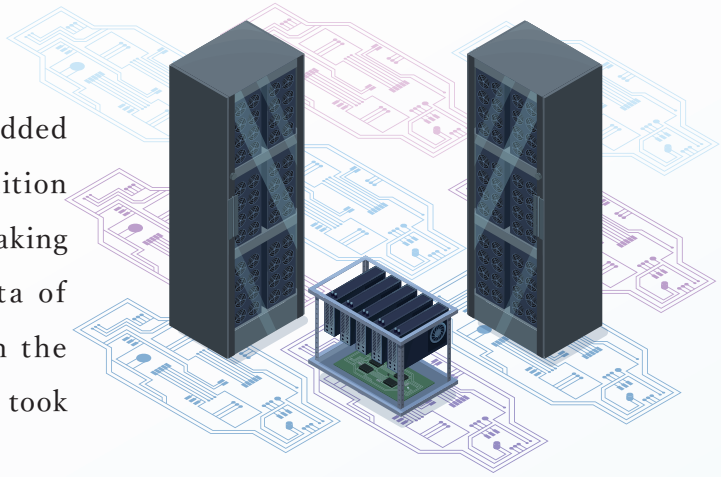
MoT is the idea of putting what is related to mining on things. With mine, mining is carried out every day at the mining farm and the cryptocurrency obtained through mining is distributed to mine holders. Adding such a mechanism of distribution to “things = commodities” was named MoT. This is an important factor in expanding the mine economic zone.

Chapter 2

Basis of mine economic zone – Mining farm and mine

2.1 Mining farm

Before explaining the mining farm, the basics of mining should be explained anew.



All transactions of any cryptocurrency are added and logged in a transaction ledger. This addition processing requires accurate recording while taking consistency into account between the data of transaction ledgers dispersed and saved on the network and the data on all transactions that took place during the period of addition.

This addition processing is carried out by a computer, but a vast number of calculations are needed. Those who help the work while this processing is being carried out will be paid the newly issued cryptocurrency as the price. The issuance of a new currency during this process is called mining. To secure the fairness and reliability of a transaction by a cryptocurrency, work called mining is essential. Many and unspecified miners (who conduct mining) participate freely and voluntarily in this work (proof of work, strictly speaking).

However, mining cannot be done easily. This is because a vast amount of electricity must be consumed for the calculation of the additional work. Consequently, the electricity charge reaches a huge amount and too much of the currency is spent in many cases. To obtain more of the cryptocurrency, however, as many computers as possible must be operated, increases the electricity charge again.

To perform mining, securing a mining machine is an important factor. Generally, two types of mining machines are used for mining. One is a machine called the ASIC, which is exclusively designed for mining. It looks like a iron lump but when it is turned on, it generates a blockchain (mining) through automatic calculation and obtains the cryptocurrency as a price. Another is a high-performance personal computer equipped with a GPU. This computer performs calculations on the graphics board to execute mining. This GPU has increasingly become difficult to get throughout the world on the back of the rapid popularity of cryptocurrencies.

It has become impossible for individuals to clear two problems: the large electricity charge and securing a mining machine and making a profit through mining. As a result, it is now essential to have a mining farm that has a large area where many machines are installed.

In fact, we have pushed forward the mining project for Ethereum and already invested 20 million dollars in the preparatory stage for our mine project. We secured a mining farm that is low in power in the Inner Mongolian Autonomous Region of China, created a situation where mining can be carried out at low cost, and succeeded in establishing a stable supply route by concluding a contract with a major Chinese GPU manufacturer. We are able to continue issuing mine by achieving these.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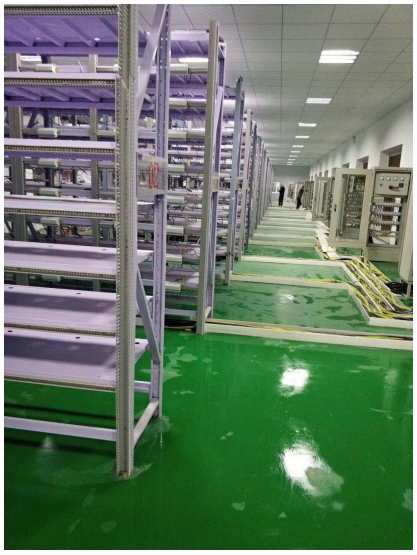
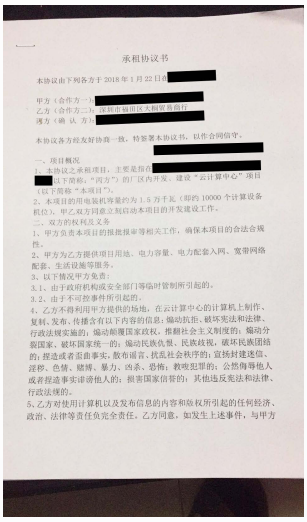
特此证明

[redacted]

TRUE GAMING

Long-term mining may cause the machine to emit heat and to malfunction. Therefore, countermeasures against temperature rises are indispensable. To cope with this problem, the mining farm has a powerful air conditioning facility, which creates an environment where the machine can smoothly run. These photographs show our mining farm in China.




承租协议书

本协议由下列各方于2018年1月22日[redacted]

甲方（合作方一）：[redacted]在福田区大梅沙商行

乙方（合作方二）：[redacted]在福田区大梅沙商行

简称（统一为）：[redacted]

本协议各方经友好协商一致，特签署本协议书，以作合同信守。

一、项目概况

本协议之承租项目，主要是指[redacted]（以下简称：“河为”）的厂区内开发、建设“云计算中心”项目（以下简称“本项目”）。

2、本项目的用电装机容量约为1.5万千瓦（即约10000个计算设备机位）。甲乙双方同意立刻启动本项目的开发建设工作。

二、双方的权利及义务

1、甲方负责本项目的报批报审等相关工作，确保本项目的合法合规性。

2、甲方为乙方提供项目用地、电力容量、电力配套入网、宽带网络配套、生活设施等服务。

3、以下情况甲方免责：

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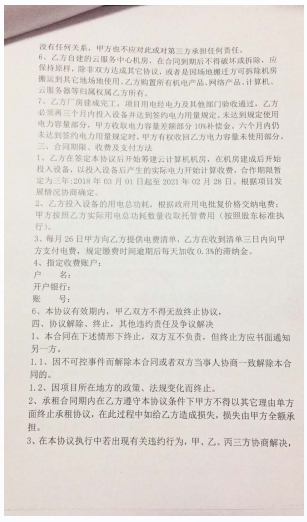
3.2、由于不可控事件所引起的。

4、乙方不得利用甲方提供的场地，在云计算中心的计算机上制作、复制、发布、传播含有以下内容的信息，煽动抗拒、破坏宪法和法律、行政法规实施的；煽动颠覆国家政权，推翻社会主义制度的；煽动分裂国家、破坏国家统一的；煽动民族仇恨、民族歧视，破坏民族团结的；捏造或者歪曲事实，散布谣言，扰乱社会秩序的；宣扬封建迷信、淫秽、色情、赌博、暴力、凶杀、恐怖；教唆犯罪的；公然侮辱他人或者捏造事实诽谤他人的；损害国家信誉的；其他违反宪法和法律、行政法规的。

5、乙方对使用计算机以及发布信息的内容和版权所引起的任何经济、政治、法律等责任负完全责任，乙方同意，如发生上述事件，与甲方


没有任何关系，甲方也不应对此成对第三方承担任何责任。

6、乙方自建的云服务中心机房，在合同到期后不得破坏或拆除，应保持原样，除非双方达成其它协议，或者是因场地搬迁方可拆除机房搬运到其它地场地使用。乙方购置所有机电产品、网络产品、计算机、云服务器等归属权属乙方所有。

7、乙方厂房建成完工，项目用电经电力及其他部门验收通过，乙方必须再三个月内投入设备并达到至少的电力用量规定，未达到规定使用电力容量部分，甲方收取电力容量差额部分10%补偿金，六个月内仍未达到至少的电力用量规定时，甲方有权收回乙方电力容量未使用部分。

三、合同期限、收费及支付方法

1、乙方在签定本协议后开始筹建云计算机机房，在机房建成后开始投入设备，以投入设备后产生的实际电力开始计算收费，合作期限暂定为三年：2018年 03 月 01 日起至 2021年 02 月 28 日。根据项目发展情况协商确定。

2、乙方投入设备的用电总功耗，根据政府用电批复价格交纳电费；甲方按照乙方实际用电总功耗数量收取托管费用（按照股东标准执行）。

3、每月 26 日甲方向乙方提供电费清单，乙方在收到清单三日内向甲方支付电费，规定缴费时间逾期后每天加收0.3%的滞纳金。

4、指定收费账户：

户　名：

开户银行：

账　号：

6、本协议有效期内，甲乙双方不得无故终止协议，

四、协议解除、终止，其他违约责任及争议解决

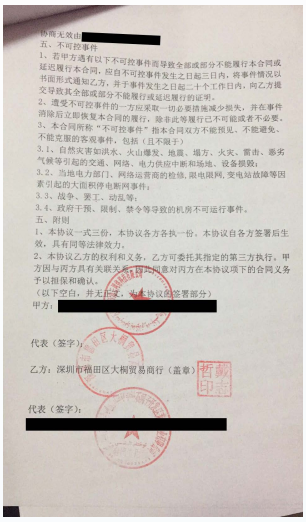
1、本合同在下述情形下终止，双方互不负责，但终止方应书面通知另一方。

1.1、因不可控事件而解除本合同或者双方当事人协商一致解除本合同的。

1.2、因项目所在地方的政策、法规变化而终止。

2、承租合同期内在乙方遵守本协议条件下甲方不得以其它理由单方面终止承租协议，在此过程中如给乙方造成损失，损失由甲方全额承担。

3、在本协议执行中若出现有关违约行为，甲、乙、丙三方协商解决，


协商无效由[redacted]

五、不可控事件

1、若甲方遇有以下不可控事件而导致全部或部分不能履行本合同或延迟履行本合同，应自不可控事件发生之日起三日内，将事件情况以书面形式通知乙方，并于事件发生之日起二十个工作日内，向乙方提交导致其全部或部分不能履行或延迟履行的证明。

2、遇受不可控事件的一方应采取一切必要措施减少损失，并在事件消除后立即恢复本合同的履行，除非此等履行已不可能或者不必要。

3、本合同所称“不可控事件”指本合同双方不能预见、不能避免、不能克服的客观事件，包括（且不限于）

3.1、自然灾害如洪水、火山爆发、地震、塌方、火灾、雷击、恶劣气候等引起的交通、网络、电力供应中断和场地、设备损毁；

3.2、当地电力部门、网络运营商的检修，限电限网，变电站故障等因素引起的大面积停电断网事件；

3.3、战争、罢工、动乱等；

3.4、政府干预、限制、禁令等导致的机房不可运行事件。

五、附则

1、本协议一式三份，本协议各方各执一份，本协议自各方签署后生效，具有同等法律效力。

2、本协议乙方的权利和义务，乙方可委托其指定的第三方执行。甲方因与丙方具有关联关系，甲乙双方同意对丙方在本协议项下的合同义务予以担保和确认。

（以下空白，并无内容，为本协议的签署部分）

甲方：[redacted]

代表（签字）：

乙方：深圳市福田区大梅贸易商行（盖章）

代表（签字）：[redacted]


营业执照

统一社会信用代码 92440300L53329179C

名　称　深圳市福田区大梅贸易商行

体类型　个体工商户（台湾）

营场所　深圳市福田区梅林街道中康南路8号联盟家园2429

营　者　戴志晋

立日期　2012年09月04日

登记机关

2016年11月17日

中华人民共和国国家工商行政管理总局监制

Additional sites have already been secured for this project. The first farm will be 2500m², and currently there is room to build up to 6 farms. Recently, major Japanese companies announced they will conduct mining projects, but our mining farm will be much bigger than the ones of those companies. For reference, the scale of mining farms run by two major Japanese firms is shown below.

〔mine mining farm〕
Total floor space of machine floor：
About 2500m²

〔DMM mining farm〕
Total floor space of machine floor：
About 500m²

〔GMO mining farm〕
Total floor space of machine floor：
About 560m²

At present, we participate in outside mining pool UU Pool. Some are shown below. After the token sale of mine, a pool exclusive for mine will be created.

http://www.uupool.cn/eth/0x4926946121274df9d03511da80144db57f038a62/

http://www.uupool.cn/eth/0x2e3709bb871e524f94b8273f920654602fa6a886/

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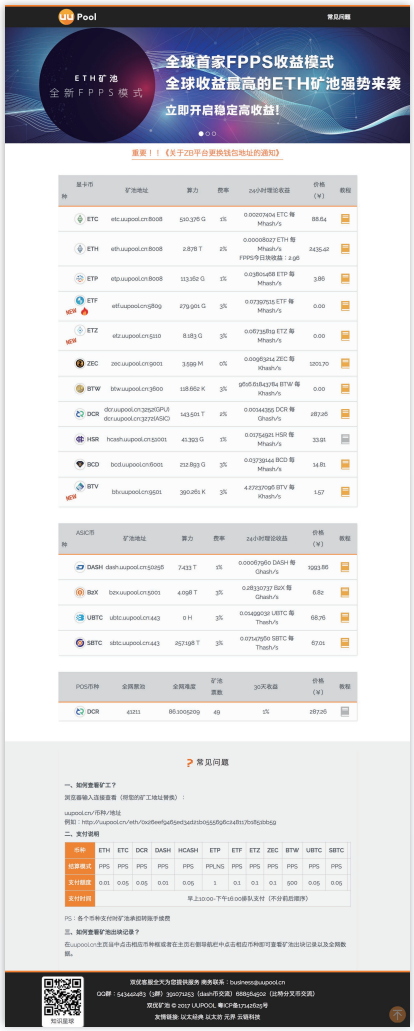
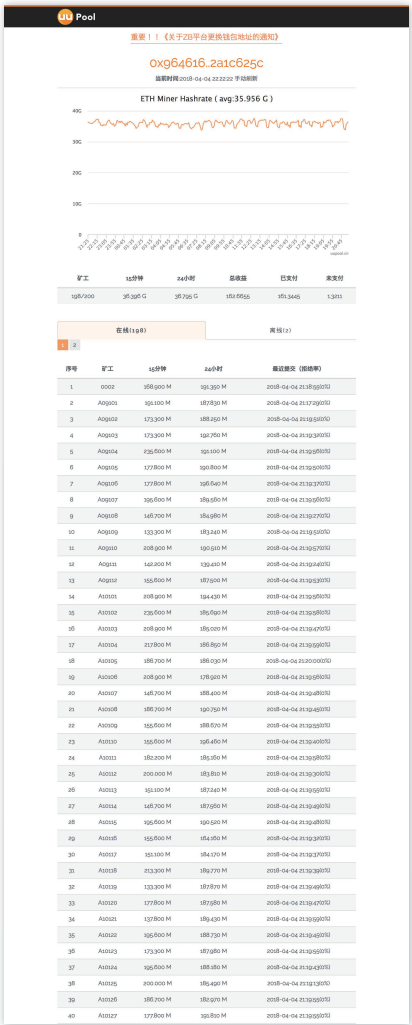
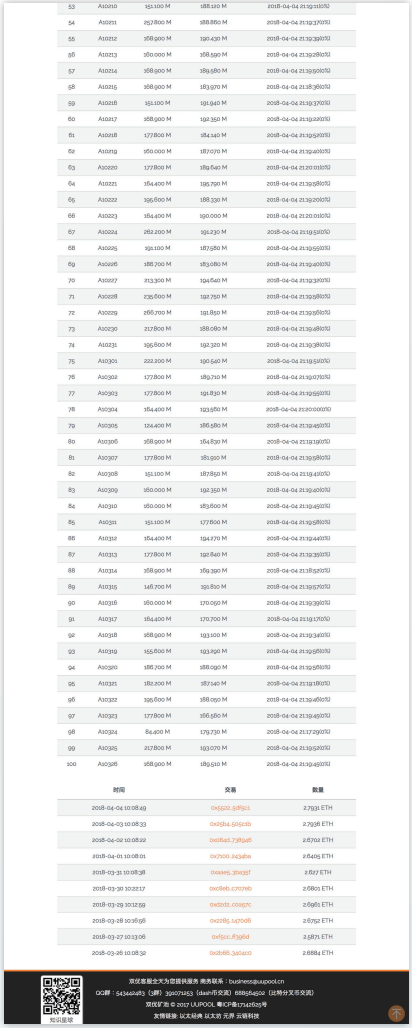






2.2 What was learned from the mining farm project

What we learned from running the mining farm was the fact that a monthly profit of 8% to 25% could be obtained. This result can also be achieved by issuance of mine this time, and a monthly profit of at least 8% to 10% is expected to be achieved.

We also learned one more thing. What we learned from our several years of experience in the mining of Ethereum from mining farms all over the world is that the service life of a mining machine is almost two years. Semiconductors, which are the cores of mining machines, can no longer withstand the stress when the number of write operations reaches a specific value and cannot evade the physical end of the service life. To continue a mining project, therefore, reinvestment should be appropriated to purchase a new mining machine and replace the old machine before the old mining machine reaches its end of life.

As mentioned above, we have already secured a route through which we can procure mining machines at the best times. It can be said that the overwhelming strength of our mine project lies in this point. In this way, old machines can be replaced and efficient mining can be sustained. Mine is designed to enable mining to develop in a sustainable manner based on these firm conditions.

2.3 Token design of mine

Mine is a token whose asset value is proved by mining. When mine is initially launched, dividends will be paid by mining mainly Ethereum. A token is currency originally issued with Ethereum as a platform, and mine will start as one of the tokens of Ethereum. Ethereum pursues the application possibilities of blockchain technology, and Smart Contract stands out among them. This is a technique not implemented by Bitcoin but newly added by Ethereum for the first time.

ERC-20 is important for implementing an automated world that will be realized by using the Smart Contract of Ethereum. ERC stands for Ethereum Request for Comments and is like a meeting that decides on the standard specifications of Ethereum. Token Standard #20 decided at that meeting is ERC20. This specification not only enhances the certainty of fulfillment of various contracts but also realizes compatibility with other currencies. An economic zone that is created by spread of this compatibility, or mutual use is also called a token economy. The creation of a mine economic zone that mine aims at is also based on a token economy.

To deepen your understanding of mine, a case where 100 million dollars is procured through a token sale is simulated below. Of the 100 million dollars procured, 30 million dollars, or 30%, will be appropriated for the marketing of mine, wallet development, improvement of mining software, listing on the stock exchange, and legal and office expenses. The remaining 70%, or 70 million dollars, will be invested in the mining farm and appropriated for mining.

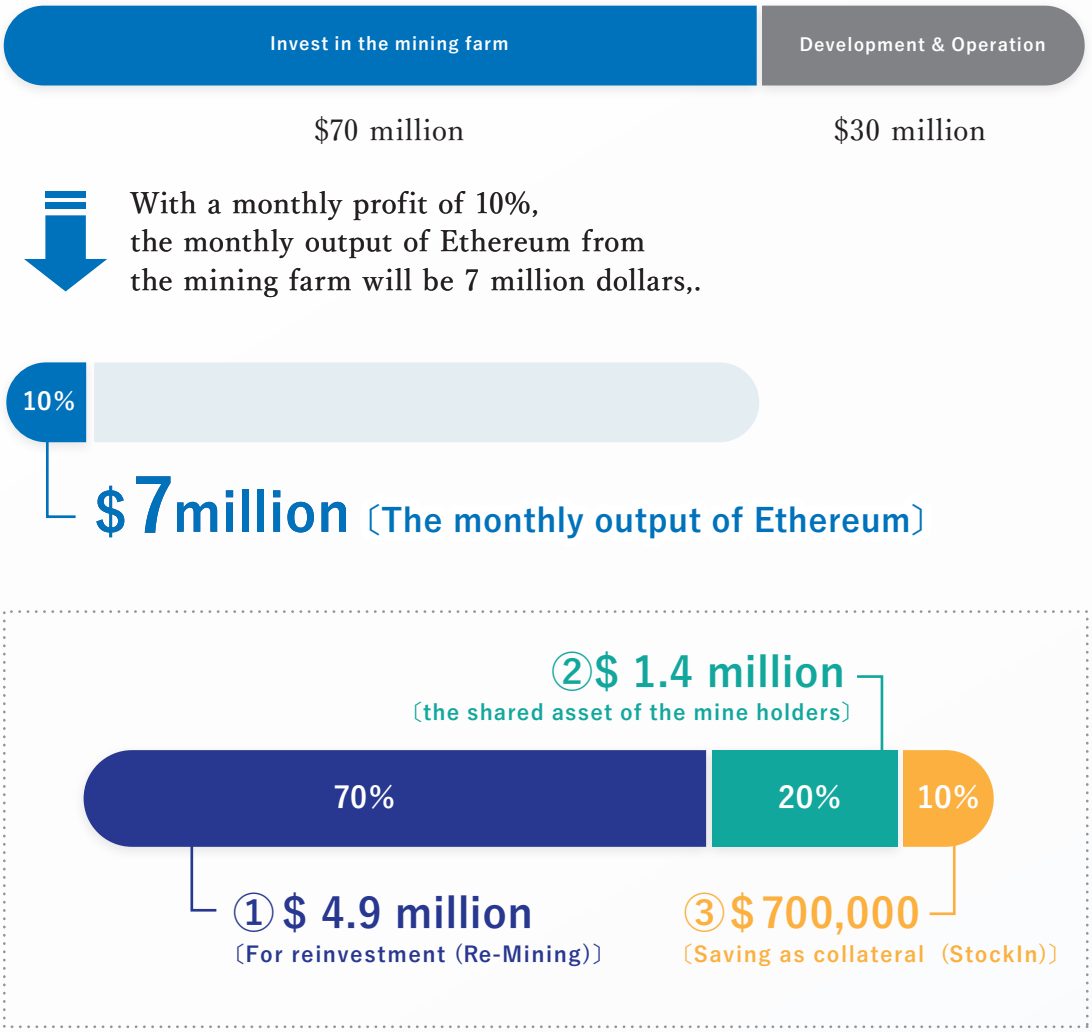
$70 million　　$30 million

Let' s assume a monthly profit of 10% to make the following explanation easy. With a monthly profit of 10%, the monthly output of Ethereum from the mining farm will be 7 million dollars, 10% of 70 million dollars. Twenty percent of this, or 1.4 million dollars of Ethereum, will be distributed to investors according to their holdings.

Next, 10% of the monthly output of 7 million dollars, or 700,000 dollars of Ethereum will be preserved as the shared asset of the mine holders. (Fig.1)

Because Ethereum of 700,000 dollars is saved as security every month, the value of mine will gradually rise.
By putting aside 10% of Ethereum every month, the risk of a large quantity of mine dumped at once can be prevented, and at the same time, the role as security of maintaining the value is also played. This mechanism is called StockIn, which is managed by a third party to maintain fairness.

A form is considered in which mine that is stocked up by StockIn is entrusted to a major financial institution and a monthly receipt is issued. The remaining 70% will be appropriated for reinvestment in the mining farm (Re-Mining). This reinvestment is one of the cores of our mine project and makes it possible to sustain development of the mine economic zone. As the investment destination, cooperation with not only our mining farm in China but also mining farms all over the world is considered. This reinvestment will bolster an autonomous eco-system of mine. Should the mining farm project be terminated for any reason, StockIn accumulated thus far and the amount usually appropriated for Re-Mining will be distributed to mine holders, creating a mechanism where safety is high even in an emergency, and the mine holders will not incur losses by preventing an extreme fall in price and by other means.



(Fig.1) Allocation in the monthly output of Ethereum

	1	2	3	4	5	6
Investment	7000	7490	8014.3	8575.3	9175.5	9817.8
Output	700	749	801.4	857.5	917.5	981.8
①Reinvestment (Re-Mining)	490	524.3	561	600.2	642.3	642.3
②Reservation	140	149.8	160.3	171.5	183.5	196.3
③StockIn	70	74.9	80.1	85.7	91.7	98.2
Distribution ETH yield (simple interest)	1.4%	1.5%	1.6%	1.7%	1.8%	2.0%
Distribution ETH yield (total)	1.4%	2.9%	4.5%	6.2%	8.1%	10.0%

*1 Yield is calculated based on the price of mine for token sales.
*2 The yield may fluctuate as it is a theoretical value calculated from operation performance.

unit price ($m)

(Fig.2) Distribution ETH yield in monthly profit 10%

2.4 Support of future changes

It is said that Ethereum is mainly used as a currency for mining. As Ethereum is expected to shift to PoS in the future, the subject to mining will be changed to other GPU-based PoW currency if that happens. As mine is designed to produce PoS proceeds from Ethereum that is stocked in, profit can be earned from Ethereum even after the change.

2.5 Comparison with other mining-based ICO projects

We surveyed ICO projects aimed at mining, which are similar to mine. In each project, only the vision and plan are discussed and concrete execution is not mentioned at all. In addition, too high a distribution ratio is set, which is questionable whether it is a feasible value. We have already been running a mining farm and understand well the difficulty of the stable supply of GPU and the profit level. We believe that only we, who have an actual record, can push forward the project transparently while making all information public. It can be said that this is the strength of mine.

	Hashgain	Envion	REGAIN	mine
Mining record	WP says experienced but no proof	None	None	✔ Present mining status being made public in real-time
Farm location	Unknown	Unknown	Unknown	✔ Made public
Electricity	Unknown	Unknown	Unknown	✔ Secured
Distribution	Unknown	Unknown	Unknown	✔ Mining quantity made public every day and distribution every day
Securing of GPU and ASIC	Unknown	Unknown	Unknown	✔ Contract concluded with major GPU agency

(Fig.3) Comparison with other mining-based ICO projects

Chapter 3

mine wallet

To receive dividends in mined currency, mine must be stored in the mine wallet that we supply. By depositing mine in the mine wallet, dividends are paid every day. Of course, it is possible to transfer mine to another wallet. In that case, however, dividends cannot be received every day. To receive the dividends, mine must be stored in the mine wallet for at least 24 hours.

The feature of the mine wallet is that it can store major currencies, such as BTC, ETH, XRP, XMR, and ADA, as well as mine. The mine card, which is explained in the next section, can also be used as a settlement account. It can be considered that it serves as a bank in the mine economic zone.

The currencies that the mine wallet supports will gradually increase, and an app that can easily check the balance is planned for development.

Chapter 4

Mine Debit Card

4.1 Overview of mine debit card

What is nice about mine is that it not only allows for mining with the funds collected during the token sale, but it also provides various investment schemes for mining farms. One of the schemes is the transactions with a mine debit card. Those who hold mine tokens are entitled to have a mine debit card with Visa debit card functionality, which allows for payments with cryptocurrencies. Currently, it is estimated that there are about 38.5 million stores accepting Visa payments worldwide.

The mine wallet supports all the currencies that are valid for payment, including mine, BTC, ETH, and more. The card is synchronized with the mine wallet, and additional transaction fees of 5% are automatically debited for each transaction. The transaction fees will be used as follows. Of the 5% fees, we will receive 30% as transaction fees. On the other hand, the remaining 70% will be used to newly issue the equivalent amount of mine and will go to the user's mine wallet.

Let' s look at this process with an example. Suppose we make a purchase of $100 with this debit card. In this case, cryptocurrencies totaling $105 will be withdrawn from the user' s mine wallet account. Of the $5, $1.5 will go to the mine team as the transaction fees. At the same time, the remaining $3.5 will be allocated for the issuance of new mine tokens, which then will be returned to the user' s account. Thus, the newly issued amount will not be controlled by the team, but rather by the amount of funds spent on the debit card. We call this PoU (Proof of Use). Also, the newly issued amount will be determined based on the mining profits generated by the reinvestments to make sure that the value of mine token is not reduced by these issuances.

Toke sale participants will have a prior access to this debit card. We plan to release the following three types of card.

	mine debit card	mine gold debit card	mine black debit card
Requirement	Hold more than $1,000 worth of mine tokens	Hold more than $30,000 worth of mine tokens	Hold more than $100,000 worth of mine tokens
Annual fees	$30 worth of mine tokens	$100 worth of mine tokens	$300 worth of mine tokens
Usage limit (1day)	$500	$20,000	$50,000
Withdrawal limit (1day)	$500	$1,000	$3,000
Mine return rate	2% of the transaction value	3% of the transaction value	5% of the transaction value

4.2 Acquiring the banking license

Another aspect that makes us unique among the competitors is that we have already acquired the bank that will issue the mine debit cards. Specifically, we have acquired East Ocean Bank Limited based in the Comoro Islands, which will start issuing mine debit cards after the mine wallet is deployed. Rather than applying for a banking license, where we cannot be sure when we will be granted one, the fact that we have an actual bank under our controls sets us apart from other ICO projects.

AUTONOMOUS ISLAND OF MWALI (MOHÉLI)
COMOROS UNION
THE INTERNATIONAL BUSINESS COMPANIES ACT 2014

Share Certificate

Certificate No	No of Shares
12,01	1000

East Ocean Bank Limited
Incorporated in Mwali(Mohéli), Comoros as Banking Company number ***B2017027***

The undersigned, Registrar of International Business Companies, HEREBY CERTIFIES that, having satisfied all the requirements in respect of incorporation under International Business Act, 2014 that all the requirements of said Act in respect of incorporation have been complied with. In accordance with the mandate granted to the Office of Mwali International Services Authority by the International Act 2014 of the Autonomous Island of Mwali (Mohéli)

THIS IS TO CERTIFY that
Coriolis Holdings Limited (registered number HY00091706) is the registered holder of 500 shares of £15.000 each in the above named company.
East Ocean Holdings Limited (registered number HY01111728) is the registered holder of 500 shares of £15.000 each in the above named company.

This certificate was authorised by:

Secretary

Date 08/09/2018

AUTONOMOUS ISLAND OF MWALI (MOHÉLI)
COMOROS UNION
MWALI INTERNATIONAL SERVICES AUTHORITY

INTERNATIONAL BANKING ACT 2013
GENERAL BANKING LICENCE

Company Name:	East Ocean Bank Limited
Company Registered No.:	B2017027
Date of incorporation:	01/12/2017
Place of incorporation:	Fomboni – Island of Mohéli – Comoros Union
Authorized Capital:	15.000.000 GBP
Registered Office in:	Bonovo Road – Fomboni Island of Mohéli – Comoros Union

The undersigned, Registrar of International Business Companies, HEREBY CERTIFIES that, having satisfied all the requirements in respect of incorporation under International Banking Act, 2013 that all the requirements of said Act in respect of incorporation have been complied with. In accordance with the mandate granted to the Office of Mwali International Services Authority by the International Act 2014 of the Autonomous Island of Mwali (Mohéli)

Given under the Official Seal of International Services Authority this 1st day of December 2017

For the Registrar

4.3 Comparison with other ICO projects using cryptocurrency debit cards

The table below compares our project with other ICO projects leveraging their cryptocurrency debit cards. First, a big issue with other projects is that they have not yet issued physical debit cards available for use at this moment. While most of them are in the process of acquiring a banking license, the fact that we have already acquired a banking license sets us apart from these projects. We also believe that our effort to increase the number of currencies available within our platform in a timely manner and our feature to allow the users to acquire tokens based on the transaction value are advantageous factors as well.

	TenX	Monaco	Bankera	mine
Card issuance	×	×	△ ※1	○
Annual fees	$10	free	$12	$30 ~ $300
Listed currencies	BTC,ETH,DASH, and Others	BTC,ETH	BTC,ETH,DASH, XEM and Others	BTC,ETH,XRP, XME,ADA and Others
Transaction fees	0%	0%	1.99%	5% ※2
Return rate	None	0～2%	None	2～5%
Banking License	×	×	×	○
Market Cap	95 ($110 million)	133 ($76 million)	-	-

※1 virtual card ※2 0% to 3%, with the return rate taken into account

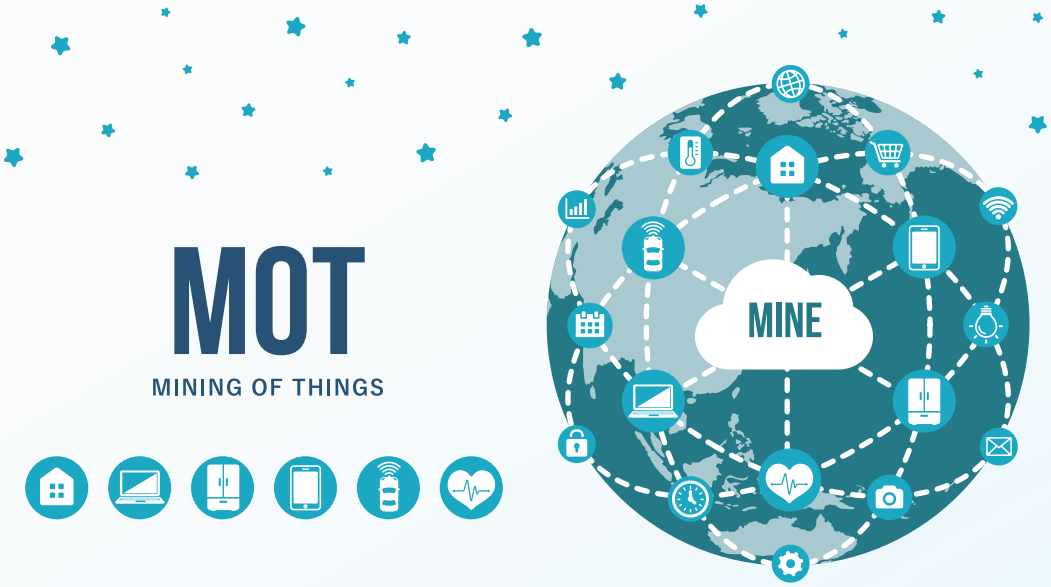
4.4 Expanding into the huge credit card markets

It is estimated that the current global market capitalization for credit card transactions is about $14.79 trillion. When we look back at the transaction value for credit cards over the past several years, we see an 8% to 10% increase in value for each year compared to the previous year, and the same trend can be observed for the number of newly registered accounts. If we can acquire a share of this enormous existing market by introducing the mine debit card, we will have a huge influx of funds into reinvestment for mining farms. When this happens, not only will it contribute to establishing the mine economic zone as envisioned in our mine vision, it will also lead to the growth of this economic zone.

Chapter 5

Important factor for extending the mining economic zone「MoT」

In the mine vision, we aim to create a system where many people can benefit not just from the gains generated from a traditional mining process, but also from a new and non-virtual economic zone. The mine vison is about allowing for portfolio building (wealth creation) in the near future and the most important key to this vision is the notion of MoT (Mining of Things). The idea of MoT is to have everything equipped in relation to mining. In the process of reinvesting mine tokens (re-mining), holders of mine tokens are allocated the cryptocurrencies produced by mining farms, which conduct mining on a day-to-day basis. We call the system of allocating the mine tokens to things or goods, MoT. The notion of things, or goods, can be applied to a wide range of things from commodities, such as stationery, to electronic devices, cars, and durable goods. We believe the idea that you can earn mine tokens by buying things, or rather that you can make money by spending money, is an innovative idea.



First, our partner is going to release a hardware wallet that can store the mine tokens. This hardware wallet is developed following the aforementioned ERC-20, the Ethereum token standard. What is innovatory about this hardware wallet is that it comes with the automation feature where money will come in when you spend money from the wallet. In fact, this feature is not quite surprising. For example, we have a system where you are given points when making a purchase with fiat currencies. The big difference here is that you are offered the mine token instead of these points. The hardware wallet for mine tokens will also function as a safe place to store the cryptographic keys but that is not the most important aspect of MoT. The hardware wallet for mine tokens is hardware, or a thing, whose use cases are completely different from traditional hardware and is actually a good that allows you to earn cryptocurrencies, which is the most important feature that we need to recognize.

However, this is only the first step in the development of MoT goods. In the near future, if we purchase a car with the hardware wallet, we might be able to buy gasoline with the MoT allocated funds. We might also see people pay for their rent with the funds created by the MoT process.
The hardware wallet for mine tokens is the milestone that represents a concrete Useware of the mine economic zone, which will be created through the use of MoT.

Chapter 6

Our Ultimate Goal

By reinvesting the mining profits, we would want to see an infinite loop of this investment cycle put in motion, transactions accelerating reinvestments, and the practice of mining becoming widespread in the real world with the MoT network. We believe this will allow for the creation of a sustainable ecosystem that is the mine economic zone. In order to achieve that goal, it is essential to combine the following four elements: operations of the mining farms, which ensures that the mine token remains valuable; mine wallet, which serves as a bank within the mine economic zone; mine debit cards, which are used as a means of transaction; and MoT, which allows for wealth creation in the real world. We believe that the mine economic zone will allow us to leverage the practical and useful aspects of cryptocurrencies and make our lives much better and fulfilled by making it possible for us to freely buy and share things. Our ultimate goal is to create a cryptocurrency whose utilities can contribute to our society in such a manner as described above and build mine economic zones, which then can function as independent and vibrant communities.

Chapter 7

Token Sale

7.1 Token overview

Token name	mine
Symbol	mine
Number of tokens for sale	200,000,000,000
Token price	1 mine = $0.01
Hard cap	$200 million
Token implementation	ERC-20

※ Fix and rate each currency rate before token sale.

While a typical ICO project will distribute some of the issued tokens to the issuer or their stakeholders, our project will allocate 100% of the issued tokens to the token sale participants.

The reason for this arrangement is that we believe allocating free tokens to the issuer is unfair given the nature of our project, which is about investing in the mining farms. Consequently, we as the issuer will also participate in the token sale under the same conditions required for general participants. We plan to purchase $5 million worth of tokens. Note that, while there is no limit to the total amount of the mine tokens issued, the token' s issuance after the token sale will be implemented with the Proof of Use (usage of the debit card) mechanism only, ensuring that the value of mine tokens will not be reduced by the increased token supply.

Main sale Bonuses

$1,000 worth or more	-
$100,000 worth or more	5%
$1,000,000 worth or more	10%

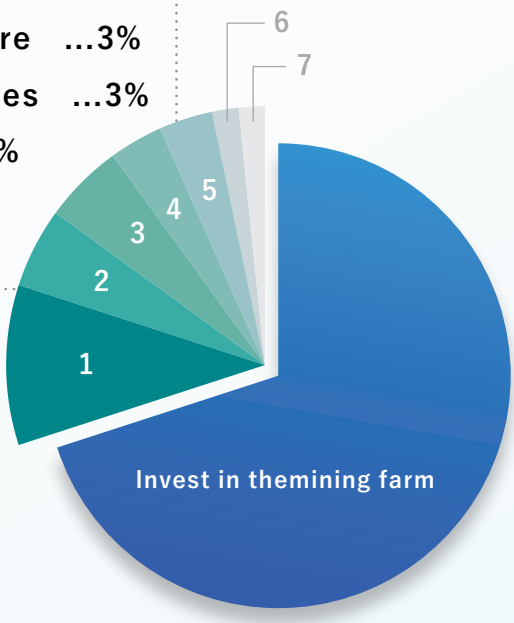
※Note that the token sale will be finished once the hard cap is reached.

Chapter 8

Fund allocations

As mentioned before, the collected funds will be allocated as follows: mining farm construction costs (70%), marketing (10%), wallet development (5%), banking operations (5%), improvement of the mining software (3%), listing for exchange platforms (2%), legal expenses (2%), personnel costs, and other expenses (3%).

1. marketing ...10%
2. wallet development ...5%
3. banking operations ...5%
4. improvement of the mining software ...3%
5. personnel costs, and other expenses ...3%
6. listing for exchange platform ...2%
7. legal expenses ...2%



Chapter 9

Roadmap

2017 Q3

Construction of large-scale mining farm

Began mining Ethereum

2017 Q4

Acquired East Ocean Bank Limited

2018 Q1

Acquired sites for mine farms

Acquired business permit for mine farms

Conducted private sale

2018 Q2

Publish website and white paper

Conduct token sale

Token distribution

Construction of mine farm

2018 Q3

Release alpha version of mine wallet

Begin taking applications for mine card

Release MoT hardware wallet

Set up mine mining pool

Set up GPU mining equipment, test run

Listed on exchanges

2018 Q4

Release official version of mine wallet

Begin distribution of mine card

Begin operation of mining farm

Begin distribution of Ethereum

Chapter 10

Our team & partners

ETHPool Technology Labo Inc.

Office: 18F Unit 1804 Entrata Bldg. Filinvest City Alabang 1781

Mark Padama

- Lead Blockchain Developer / board member

Mark has been involved in blockchain-related work for over three years and specializes in knowledge and development. He leads all system creation in mine.

John Bagui

- Lead Web Developer / board member

By leveraging his experience in web development and design which spans nine years, John has made a great contribution to the construction of the mine system, wallet, website, and so on.

Yani Betco

- HR Relations Officer/ treasurer

Yani specializes in human resources with his experience of working as a casino dealer for over six years. Using personal connections, he invited a number of excellent developers and other members to the mine team.

Ronald Rint

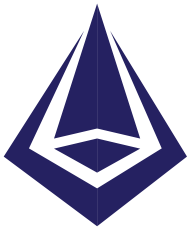
- Businessman / secretary

Ronald has proficient communication skills due to his extensive life experience and 8 years of sales experience. He leads the mine development research and actual sales activities.

Cris Manahan

- General Manager / president

Cris is the general manager for mine's vision and development. He himself has been involved in projects related to programming, AI, the blockchain, and more for over 6 years and has successfully built various systems in the past. He aims to create a Mining Economy where all consumption will be replaced by mining.



mine

New cryptocurrency
with the potential
to change the world

Whitepaper ver.1.0.1