



TOKEN
ZMINE

LAUNCH WHITEPAPER

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ABOUT THIS DOCUMENT

According to skyrocketed demand for cryptocurrency in financial markets, worldwide investors have been encountering with graphics card mining. For example, ever-increasing mining rigs' cost, constant hardware monitoring system and unpredictability of the cryptocurrency market. These obstacles have been grave concerns for cryptocurrency investors.

ZMINE Co., Ltd. offers our investors an option to invest in cryptocurrency via our GPU mining farm as a secured, reliable and hassle-free solution. ZMINE Co., Ltd. is a joint venture among Digital Forward Co., Ltd., Strek(Thailand) Co., Ltd. and several Angel investors.

This white paper is by no means technical, but is a guide for potential investors outlining simple-to-follow information on what our business will offer and explaining benefit from ZMINE tokens so as to help our investors make informed decisions.

EXECUTIVE SUMMARY

ZMINE Co., Ltd. was founded by a team which has been mining cryptocurrency since 2013. In 2017, the team invented a business model known as "WRYGC" (We Rent Your Graphics Card). The model is a unique concept and has become first and only one in the market. As a result, we have up to 2 million USD invested with us within just 6 months only from word of mouth, without any cost from marketing.

Due to recent enormous interest in cryptocurrency mining and our steep business growth, Strek (Thailand) Co., Ltd., the largest graphics card distributor in Southeast Asia, saw our potential. As a result, they have become our strategic partnership. Plus, Strek's CEO joined us as our board of directors.

As we have equipped with the unique business strategy synergized with the strong partnership, we are more than ready to scale up our business by introducing you a ZMINE Token as a way for investors to invest with us. Our investors can either hold the tokens to get an Airdrop or sell them to us on every 16th day of month as we are very welcome on buying them back at any price.

ZMINE Token gives you an opportunity to join us and we together will become the largest cryptocurrency mining business in the industry. We are absolutely confident that our ZMINE Token will be giving you a better than ever investment you have ever done before. We are looking forward to having you join us in this exciting journey.

WHO ARE WE?

Our company's goal is to become the largest cryptocurrency mining farm with graphics cards in Southeast Asia. We are founded by a group of experienced computer engineers with cryptocurrency expertise and our investors. Additionally, we are one of first movers in cryptocurrency industry as we have been mining internally since 2013.



FIGURE 1: Warehouse with solar roof on the outskirts of Bangkok on a 16,000 sq. m. land

OUR FACILITY

Our facility is a warehouse located on the outskirts of Bangkok on a 16,000 sq. m. land (10 rai). The warehouse was constructed with several natural disaster tolerance designs, such as elevated floor for flood prevention. Its height is 26 m., which is utilized as one of cooling mechanisms.

At the top, the warehouse is equipped with a solar roof which is capable of 1 MW, which is also able to handle 10 MW. We use solar roof as an alternative power source as we advocate for renewable energy.

We are covered by a USD 4.2 million (~THB 140 million; 1 USD = 33.2 THB as of 14th November 2017) insurance plan. The insurance's coverage shall increase in accordance with asset's value after the ICO.

OUR STRENGTHS:

UNIQUE SELLING POSITION (USPS)t

Let's start by looking at Porter's Five Forces so as to analyze our strengths with market competition. This way, one should notice how ZMINE Co., Ltd. differentiates itself in the industry.

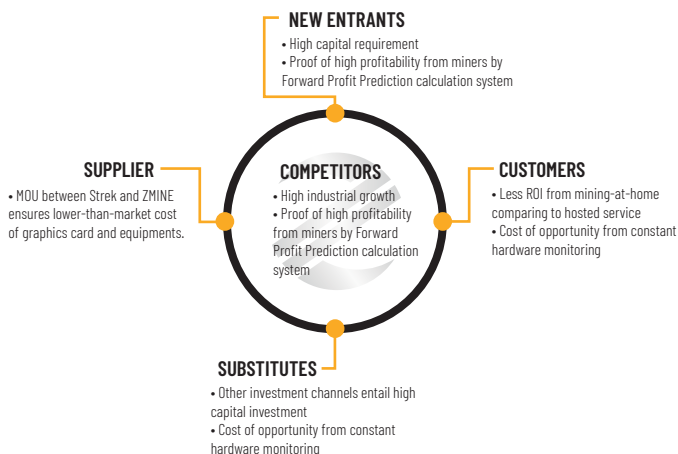


FIGURE 2: Porter's Five Forces analysis of ZMINE Co., Ltd.

Strek (Thailand) Co., Ltd., one of our strategic partners and co-founders, is one of the largest distributors and suppliers of graphic cards in Thailand. As a result, Strek has been catalyzing our growth as our supplier. Since graphic cards are instrumental in mining, this partnership is crucial. We have signed an MOU with Strek in order to secure the supply by guaranteeing lower-than-market price. Due to massive purchase volume, ZMINE Co., Ltd. enjoys economy of scale. This consequently enables us to keep cost of investment lower than our competitors.

Furthermore, Strek also is a distributor of numerous computer equipments for several global leading brands. Nevertheless, high demand for graphic cards is reflected by company's rapid growth which is mainly driven by from graphic cards sales.

OVERVIEW OF ZMINE CO., LTD.

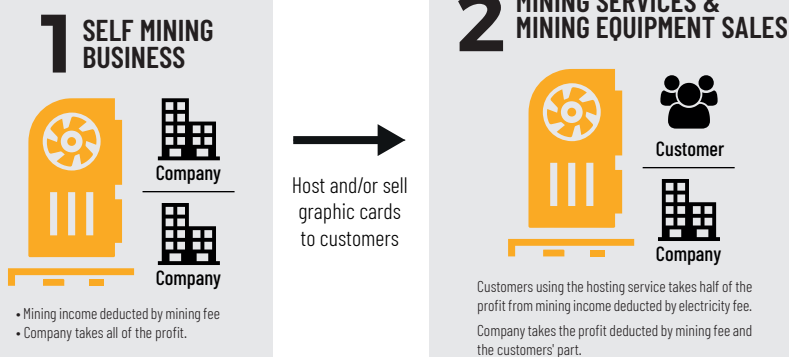
One of co-founders owns the facility and its land. This results in our lower-than-market rent and zero risk of reallocation. This helps us focus essentially on expanding our business.

We maintain high profitability by self-mining using high quality graphic cards with state-of-the-art software. Our mining technique utilizes Forward Profit Prediction Calculation System which is extremely optimized for profit. The system automatically switches to mine the most profitable coins by calculating real-time price and predicting future high potential coins.

Besides our strong supplier and facility advantage, our unique hosted mining service eliminates burdens from mining at home. This makes our service appealing to our customers.

Aforementioned unique selling propositions clearly put us at the forefront of the cryptocurrency mining industry in Southeast Asia.

BUSINESS MODEL



Advanced Solo Mining with Forward Profit Prediction Calculation System
Result in 20-50% higher profitability

FIGURE 3: Depiction of two streams of the company's business model

The company currently operates on two core businesses. First, we offer self-mining. We invest on mining rigs and then partially turn profit for reinvestment by expanding the business. The company takes all of the profit from mining. Second, as our customer base is expanding, we offer hosting service and sell graphic cards. The company takes half of the profit from mined coins deducted by electricity fee. This model gives customers an average of 5-8% monthly return on investment.

OVERVIEW OF ZMINE CO., LTD.

host customers' rigs. The service offering of hosting service and graphic cards sales are the company's second business as our customer base is expanding. The company takes half of the profit from coined mined once deducted the electricity fee; this model leaves the customers with an average of 5-8% monthly return on investment.

CURRENT PERFORMANCE

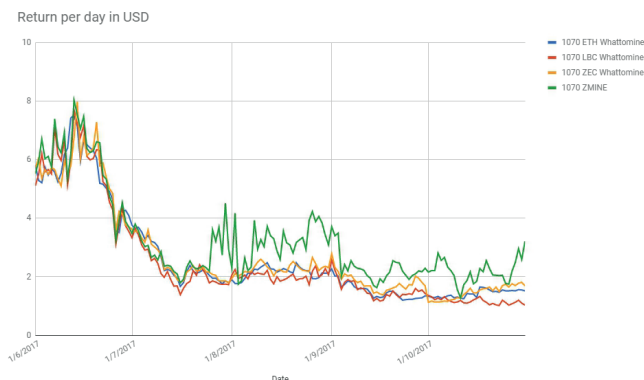


FIGURE 4: Depiction of ZMINE's performance advantage. Source: Statistics from Nicehash

Investments (August 2017)

	BTC	USD
Coin mined (from fixed cost of 6 Graphic Cards; US\$451.51 each, total US\$2,709.06)	0.151304	697.28
Electricity fee		
Net Profit		(116.32)
ROI (for company self-mining)		580.96
		21.45%

TABLE 1: ROI calculation explanation. Note that these values are estimated.
Exchange rate of 1 BTC = 4,608.5 USD, 1 USD = 33.43 THB as of August 2017

To demonstrate, let's start from a small scale investment. FIGURE 2 illustrates performance from mining with 6 graphic cards, each of which costed 451.51 USD (2,709.06 USD in total). Within 1 month, we mined 0.151304 BTC or about 458 USD. Deducted by 116.32 USD electricity fee, this investment resulted in a net profit of 580.96 USD for self-mining. As a result, we achieved 21.45% ROI, which is higher than 4-9% did by home-mining.

This achievement resulted a team of the company's multidisciplinary experts which consist of Computer Emergency Response Team (CERT), electrical and computer engineers, research and development computer scientists, and last but not least, our fantastic media team who are responsible for news and information.

number comparing to the usual 4-9% home-mining. To achieve this number, the company has experts that drawn from multidisciplinary sectors, including monitoring and Computer Emergency Response Team (CERT), electrical and computer engineers, research and development computer scientists, and amongst them all, a media team who takes care of news and information.

HOW WE MAINTAIN THE BUSINESS PROFITABILITY

With benefits of our facility and partnership, the company pay factory rate electricity; 25% cheaper than home electricity fee. The customers only need to invest in graphic cards that they either have an option of lending the company the existing home mining equipment or purchase the graphic cards from the company. By the way, Home mining has cost at 3,555 USD which is 30% higher than us.

Investments (1 month)	Hosting Service		Home Mining	
	BTC	USD	BTC	USD
Coin mined <small>(from Fixed cost of 6 Graphic Cards; US\$451.51 each, total US\$2,709.06 and only for home mining; an additional of est. US\$753.01 for other mining equipment)</small>	0.151304	697.28	0.099381	458
Electricity fee		(116.32)		(131.85)
Hosting Service Fee <small>[697.28-116.32] ÷2]</small>		(290.48)		NA
Opportunity Cost		No opportunity cost. ZMINE Co., Ltd. absorbs all the costs		Monitoring cost, risks of equipment break down, facility cost, internet fee, insurance cost on assets (if any), etc.
Net Profit		290.48		326.15
ROI (for customers)		10.72%		9.17%

TABLE 2: a table depicting the comparison between Hosting Service and Home Mining. Please note that these values are only estimations. Exchange rate of 1 BTC = 4,608.5 USD; 1 USD = 33.43 Thai baht as of August 2017

The offer from the company includes secured and 24/7 well-monitored facility equipped with preventive measure in the case of electricity shut down and the network system. The company also offer our own graphic cards in the event that the customers' graphic cards do not perform. This acts as a buffer individual to ensure our business continuity while customers are in the process of obtaining new graphic cards. With these offers, the fixed cost for customers is alleviated.

In terms of software, high performance non-public mining application without developer fee also play a part in saving the cost of investment for customers and they can enjoy more hashing speed of up to 5-10%.

Payments for mining hosting service is 50% of the total profit of the coin mined and even with the deduction, the customers can take in a profitable sum as demonstrated in TABLE 2.

In the case of home mining via Nicehash, once deducted the hefty electricity fee, one is left with US\$287.83 profit. The number is a mere 1% more than Hosting Service offered and this is the best case scenario where the mining equipment functions perfectly, no electricity shut down and no internet shut down throughout the month; such scenario of perfect operation for home-mining is next to impossible, hence profitability in home-mining may be less. Individual miners may also face the problem of opportunity cost in rigorous screen monitoring and maintenance tasks. The mining equipment themselves may also be a burden once stop mining and unable to be resell. Thus, Hosting Service offers a hassle-free option of mining and let our customers only enjoy the profit.

WHY BLOCKCHAIN ?

A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography. Each block typically contains a hash pointer as a link to a previous block, a timestamp and transaction data. By design, blockchains are inherently resistant to modification of the data. A blockchain can serve as "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way.

MINING RIGS AND TRADING STRATEGY

In our facility, we own an abundance collection of mining rigs which mines the most valuable cryptocurrencies at a certain time. We use machine learning to predict, analyze, and choose the right coin to mine. This could make us the most profitable cloud mining provider compared to the ones in current market. You need not to stick with only one type of algorithm of a specific coin. By giving more choices to mine the cryptocurrencies, you will gain more profit. This can reach to 200% profitability compared to the other one algorithm miners.

OUR DIGITAL INFRASTRUCTURE

We have an airflow-free infrastructure to build our mining farm. And all of our rigs are connected to load-balancing servers sufficient to optimize maximum performance. This gives us reliability when it comes to a halt of any servers. Moreover, the gateway is controlled by advanced firewall device plus IPS/IDS network protectors. This gives us an enterprise grade security design. We also have a team of security engineers who assess, break, and fix the vulnerabilities 24/7, 7 days a week. Plus, a monitoring system which will notify the security team if there are any security breaches. We also have a mining controller software which is in-house built; the software is able to multiple coin-switching in mining to optimize the profitability; this greatly differentiate ZMINE Co., Ltd. from home-mining. The software will be embedded on every of our miners to enable them to securely connected to our servers which will be used as a coin node to submit/receive hash works. The software can detect certain properties of each miner, i.e., online and working status; mining performance; current algorithm; hardware status; malware infections; malfunction mining parameters; and also can send certain commands remotely to the miners such as shutdown or restart or in the event of choosing the most profitable coin (coin switching). Moreover, the software has ability to auto-deploy and update to the latest version.



FIGURE 5: The FIGURE depicting multiple graphics cards varying by the investment costs and mining models in the warehouse

OUR SPECIFICATIONS

Each of our mining rigs is built with graphics cards varying by the investment costs and mining models. However, this shall increase accordingly to the present technology and have a likelihood of containing more in the future. The current read-to-mine rigs comprise of the following top-tier graphics cards, e.g. AMD RX VEGA series, AMD RX400 series, AMD RX500 series, NVIDIA GTX1000 series.

SERVICES

ZMINE WRYGC BUSINESS MODEL

The WRYGC (We Rent Your Graphic Card) turnkey solution consists of the fee of 50% deducted from the profit of mining after minus effective electricity cost. The fee has included:

- Hosting services and equipment sales
- Portfolio Management fee

Payments for the service is deducted from the coin mined. We do not charge maintenance fee and facility rental fee.

WHY INVEST ON ZMINE TOKEN

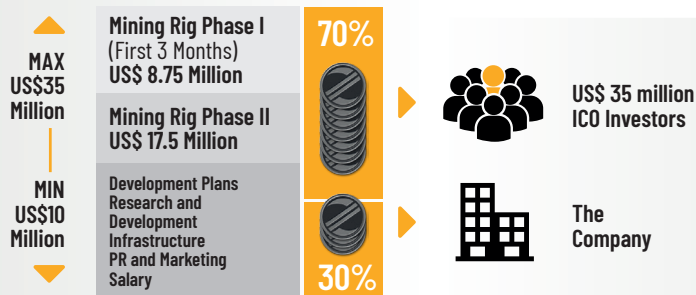


FIGURE 6: Fund allocation in the system; minimum 10 million US dollars and maximum 35 million US dollars raised is accountable for 70% of the ZMINE tokens in circulation; the company will own 30% of then tokens. The future plan for business expansion is divided into 3 parts; phase I, Phase II, and operation cost.

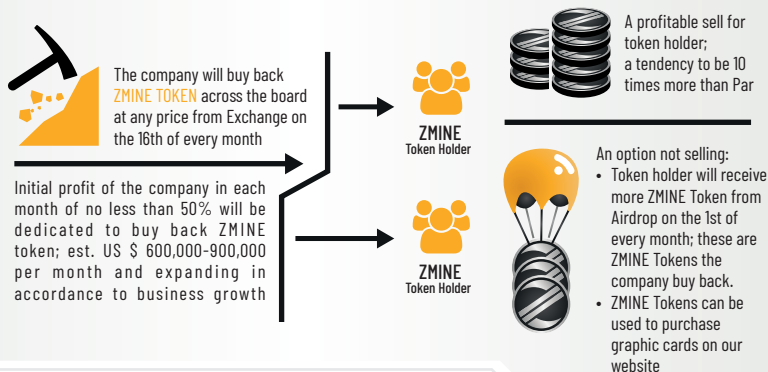
The business of ZMINE Co., Ltd. is expanding at a rapid pace. Our partnership with Strek ensures great quality graphic card at below market price, efficiently mining the coins; high value cryptocurrencies are mined 24/7 without breaks. Profitability of the business is without a question; our ROI on the company's self-mining record of approximately 14% monthly guarantee a steady income. Our Hosting Service is also attractive to a lot of customers who choose ZMINE Co., Ltd. instead of home-mining.

Investors for ZMINE Tokens have the privilege to rest assure that the investment shall always perform better than others in the market even in the market downtime, operated by ZMINE Co., Ltd., a professional team of seasoned engineers, high profile advisors and investors, and with Strek as our partner, investors can be certain that ZMINE Co., Ltd. will take hold of graphic cards at a cheaper price and they will be of the best model available.

This ICO is schedule to raise minimum 10 million US dollars and maximum 35 million US dollars. The US\$ 35 million raised will be accounted for 70% of ZMINE Tokens circulated. Founders will own 30% and cap 70% of the token in circulation as free float. The 30% owned by the company shall be used for development plans to expedite the expansion of the mine, R&D, infrastructure development, PR & Marketing, and salary of employees; more details are in the 'Fund Dedication' section. The company then shall adopt the Buy Back policy; buying back ZMINE tokens from investors who sell on the 16th of every month at any price to ensure liquidity in the system and increase the value of ZMINE.

BENEFITS TO TOKEN HOLDERS

Investors, now ZMINE token owners, are given two options; to sell or to hold. The sell option is facilitated by the company policy of buying back ZMINE token on the 16th of every month. The company will buy across the board at any price offer from Exchange (Buy Back policy). The number at the point of sell has potential to be 10 times higher than par. Part of the ZMINE token the company bought back will be given to the ZMINE token holders who choose to hold; they will receive more ZMINE token from Airdrop on the 1st of every month. This policy is supported by at least 50% of the initial profit the company made each month; estimated to be approximately 1 million US dollars per month and will increase accordingly to the business growth. In terms of the ability to purchase, token holders can use ZMINE Token to buy graphic card; the value of ZMINE spent will be at the market value at the time of purchase and no less than the value of ICO of US\$ 0.05.



SECURITY OF ZMINE TOKEN Air Drop

We use blockchain technology to securely transfer our Airdrop as extra token for token holders. By a group of records, all of our investors will be paid in a form of ZMINE token. Which the token is based on ETH blockchain (ERC-20) protocol. This gives us advantage of securing the payment.

GENERAL INFORMATION	
TOKEN NAME	ZMINE Token
TOKEN SYMBOL	ZMN
PROJECT DESCRIPTION	Issues ZMINE token to raise funds for invest in mining business with buyback and airdrop policy every months
PROJECT GOALS	To become the largest of cryptocurrency mining business
FINANCIAL INFORMATION	
FIXED SUPPLY (Y/N)	Fixed / Not Mintable
TOTAL SUPPLY (TOKENS): Breakdown of fund allocation	1,000,000,000 > 30% : Company / Internal Usage > 5% : Angel Investors > 25% : Private Sale / Early investor / Existing member > 40% : Public Sale
EXCHANGE RATE	1 ZMN = 0.05 USD
MINIMUM PER PURCHASE	Private Sale (100 ETH), Public Sale (1 ETH)
SOURCE OF FUNDS (CRYPTO / FIAT)	ETH Only
PERIOD OF FUND RAISED	PRIVATE SALE > 6 DEC 2017 - 31 JAN 2018 PUBLIC SALE > 8 JAN 2018 - 31 JAN 2018
TECHNICAL INFORMATION	
USE PUBLIC / PRIVATE BLOCKCHAIN	Public
STANDARD CONTRACT	ERC20
PROTOCOL DETAILS	Smart Contract for Airdrop extra token payment
WEBSITE	www.zmine.com Facebook: https://www.facebook.com/zmineofficial/ Twitter: @zmineofficial Line: @zmine

Our goal is to offer investors or ZMINE future token holders the exciting world of crypto-currency mining business. As mining turnover is comprised of three factors: (i) electrical cost; (ii) mining hosting cost; and (iii) mining net profits. Mining net profits vary greatly depending on mining equipment. While individual miners may face high cost of electricity and equipment, and opportunity cost of constantly monitoring the news and market prediction, ZMINE Co., Ltd. with its Strategic Partner enjoy the benefit of low electricity cost, ready-to-used facility, and Forward Profit Prediction Calculation System which greatly increase the profit margin.

1 ZMINE Token represents 0.05 USD

To be used, tokens should be deposited in the token holder's account.

FUND DEDICATION

With the fund raised of minimum 10 million dollars (if funds are less than 10 millions dollars, we will return all funds to investors) and maximum 35 million dollars, the company planned to dedicate the fund as demonstrated in the table below.

FUND DEDICATION ACTION PLAN	MILLION USD			
	10	17.50	25.00	35.00
• OPERATION	4.30	4.30	5.80	7.20
• PHASE I	5.70	4.30	5.80	7.20
• PHASE II	0	8.90	13.40	20.60

TABLE 3: Action Plan according to Fund Dedication

Operation fee includes mining equipments for WRYGC model, future development plans, infrastructure maintenance, PR and Marketing, research and development, and employee salary. Phase I involves expansion of mining rigs in the first 3 months of the launch and Phase II is further expansion of the mining rigs.

Phase I: the immediate investment on graphic cards and mining rigs equipment within the first 3 months is the Quick-Win for the business as there will be more capacity for mining with current graphic cards available.

Phase II: the company will purchase the new model of graphic cards which will be available in Q2 2018; the new model will mine at higher efficiency.

ZMINE SMART CONTRACT

ZMINE is an Ethereum token. The Smart Contract guarantees:

1. Transparency

1.1 **Balance** The information on the number of tokens held by any user is public.

1.2 **Transfers** All information on transfers is public and can be traced back in time.

2. Airdrop Accuracy

2.1. **Smart contract** enables a system that allow the company to airdrop extra ZMINE tokens to token holders who hold minimum of 20,000 ZMN as proportion to the token they hold.

3. Ownership

3.1 **Scope** Only Ethereum users and contracts can be token holders.

3.2 **Uniqueness** Each token belongs to one user-owner. There are no shared tokens.

3.3 **Right to transfer** A token can be transferred to another user only by the direct command of its owner or by the command of the receiver directly authorized by the owner. No token transfer may be initiated by another user.

4. Token Supply

4.1 **Exclusive issue** Only one user, the contract owner, can issue tokens.

5. Miscellaneous

5.1 **Recovery** Any call to the contract which results in an error does not change the users' tokens or Ether balance, except for the gas spent on the transaction.

5.2 **Limits** Maximum allowed tokens in circulation and may be set and are limited.

SALES SCHEDULE

TIMELINE

PRIVATE SALE

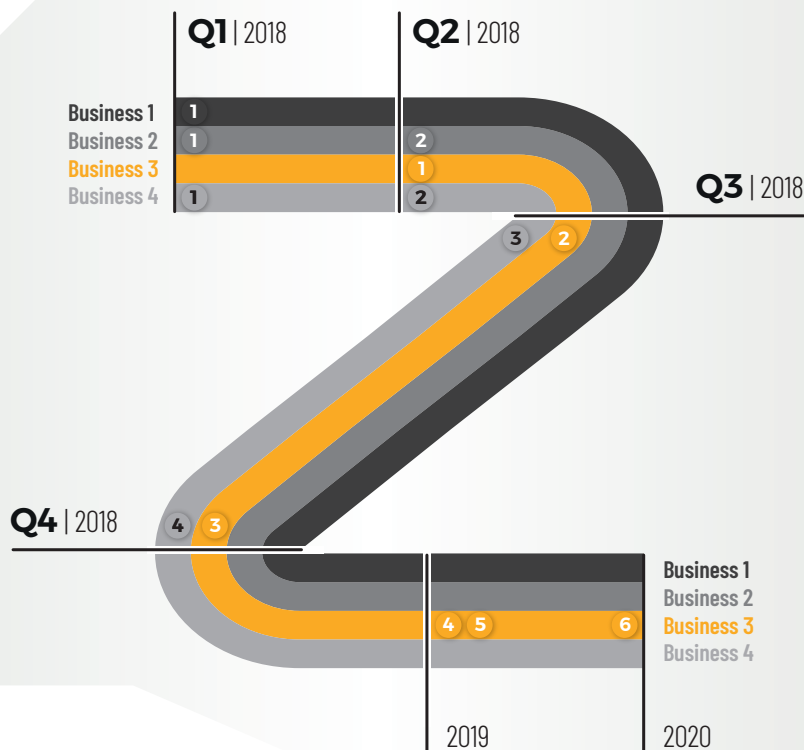
6 DEC 2017 - 31 JAN 2018

PUBLIC SALE

8 JAN 2018 - 31 JAN 2018

PLAN FOR FUTURE DEVELOPMENT

With the R&D in the focus of the management team of the company, cutting-edge technology which enables greater user experience is in the pipeline. Details of each development are explained below:



BUSINESS 1

- 1 **ZMINE Rental Display Card Business** - after the sale of graphic card, the customer can then use our hosting service to generate profit from mining (our main business).

BUSINESS 2

- 1 **ZMINE Self mining phase 1** - money raised from ICO will be managed to buy graphic cards for the company's self-mining business to generate 100% profit. The cards will then be available for reselling to customers.
- 2 **ZMINE Self mining phase 2** - awaiting the new model of graphic cards which will be out in April to May.

BUSINESS 3

- 1 **ZMINE XBTC (Exchange Bitcoin)** - the company will pay customers in bitcoin without the exchange fee of 0.25% as in other websites / customers are able to buy the coins we mined without fee.
- 2 **ZMINE Cloud mining** - ZMINE Tokens could be used to trade on cloud mining. There is an available section for token purchase in the case customers does not prefer to buy graphic cards.
- 3 **ZMINE Masternode** - the system is opened for money deposit in the masternode system in a limited time determined by the company. The profit from masternode will be shared between the company and the customer.
- 4 **ZMINE Investment Platform** - the company will invest customers' coin in various investments; e.g. 100,000 coins for investment will be diversified ; 50,000 on mining and 50,000 on foreign exchange.
- 5 **ZMINE Public Prediction Mining Pool** - This is opened for customers who already have graphic cards. This is an advising service on most profitable coins to mine on. The servicing fee is deducted on customers' profit.
- 6 **ZMINE Exchange** - Accepting all coins mined.

BUSINESS 4

- 1 **ZMINE Online** - a website for ZMINE trading. Customers can purchase graphic cards with ZMINE Tokens. ZMINE will be measured on the rate at the point of purchase or purchase through credit card with 3% charge.
- 2 **ZMINE Review** - the feature on the website; articles about graphic card reviews; the best in the market, the new models, coin reviews, and graphic card performance.
- 3 **ZMINE Alert** - this is a news alert system with email subscription via our website. The email sent will be relevant news on the coin market and influences on the coin market.
- 4 **ZMINE Mobile app** - combining all of online, review, and alert in a mobile app.



MR.KASAMAPAT VITHANWATTANA
CHIEF EXECUTIVE OFFICER, ZMINE CO., LTD.

As one of the leading experts in crypto-currency and blockchain in Thailand with over 12 years of experience in IT. Mr. Kasamapat has a humble start with work in Space Imaging since 2005 in Space Imaging Southeast Asia Co., Ltd, Loxley Co.,Ltd, Thailand and GISTDA (Geo-informatics and Space Technology Development Agency), Thailand. And later he worked as sales engineer and IT Data Warehouse Officer, and the founder of Re-Project Group. Even more impressive is Mr.Kasamapat in-depth knowledge in IT Data Warehouse and GISChain, RDTR: Renovated Delaunay Triangulation Reconstruction, and the ability to bridge the business world with IT requirements. A fintech entrepreneur at the forefront of Thailand's fintech industry as the first cryptocurrency mining equipment provider in Thailand. Mr.Kasamapat is currently a PhD Candidate on Computer Science: Data Warehouse and Geographical Information System, University of Bedfordshire.

MR.SIWAT SUKSIRI

CHIEF OPERATION OFFICER, ZMINE CO., LTD.

Over 10 years of experience software engineer and an entrepreneur; Mr. Siwat excels in hardware development; electrical and microprocessor and web development. He is the main catalyst of development for ZMINE Co., Ltd. with the responsibility of ensuring the smooth operation of software and hardware in the 24/7 operation and while maintaining the high performance of both workers and machines with schedule maintenance, control worker circulation. Mr. Siwat is no stranger to optimizing software in operation to its full capacity; one of his past experience involves redesigning/developing company purchasing system; 10x faster more reliable with old equipment, designing and developing Thai government support system, and design the whole operating system for rice mill.



MR.WANSARIT KHEAWVIMON**CHIEF TECHNOLOGY OFFICER, ZMINE CO., LTD.**

The man behind the groundbreaking software development in ZMINE Co., Ltd., Mr. Wansarit has over 12 years of experience as a Software Developer with multiple notable successes; among many is application development; he developed Lockscreen MacOS Application and it becomes the Number One Top Paid Utilities Application in 47 countries, and many iOS Application that become Top 3 in AppStore Thailand. He used to be a computer buyer guide in Commart Comtech Exhibition and experienced in many advanced project such as Highly Available Instant Messenger, Java Application that support decentralization. Users can communicate normally without server since 2006 and more impressive yet is his software development work for the Banking Industry; web application about RAROC (Risk-adjusted Return on Capital) at Krung Thai Computer Services Co., Ltd and OMDBS (Online Multimedia Data Banking Services), Web Application that support local encryption-decryption and realtime decryption streaming services since 2007.

MR.WITTHAWAS BOONYAPINYO**CHIEF ENGINEER, ZMINE CO.,LTD.**

10 years' experience computer engineer and an economics and finance enthusiast with an undergraduate degree in engineering and graduate degree in MBA from one of Thailand's most prestigious institutions; Chulalongkorn University and NIDA. Mr. Witthawas has knowledge and experiences in technology, business development, and management. His past achievements began since university years; Winner: Small-Size soccer league, Robocup Soccer Thailand Championship 2007; 1st runner-up: Small-Size soccer league, World RoboCup 2007 at Georgia, USA, Engineering Faculty; and Year Leader of Computer Engineering Major (CP31), Faculty of Engineering Chulalongkorn University. Ever since, he has work intensively as software developer, combining his knowledge of economics, his contribution in ZMINE Co., Ltd. is crucial.



MR. JIRASAK PREMPOJWATANA

DIRECTOR, ZMINE CO., LTD.

A co-founder of ZMINE Co., Ltd. and a strategic partner, Mr. Jirasak is a businessman and a visionary in fintech industry. Mr. Jirasak is the Founder of Strek(Thailand) Co., Ltd. From the company's humble beginning in IT Component industry of Strek in 1997, Strek has dedicated itself to serve IT product both of dealer and end users every day. Over 20 years of experience in IT Business has very well prepared Strek to embark on the new business initiative. Mr. Jirasak also made Strek the leader of Graphic Card Distributor, mainly resell for IT component with well-known brands. His initiatives involve Strek business diversification; fully servicing consumers, implementing solution with corporate users and put a strong emphasis on dealer partnership. Under the leadership of Mr. Jirasak, Strek received multiple awards from top tech firms; most notable ones includes Top Sales Distributor for GeForce 2014 and 2016 by NVIDIA, and Top Graphic Card Distributors in ASEAN 2015 by AMD.



MR. PIPAT RUNGRUANG

CHIEF INVESTMENT OFFICER, ZMINE CO., LTD.

Mr. Pipat is the CEO of Playcybergames Co., Ltd. and the CEO of Skynet Systems CO., Ltd. An expert in both field of management and technology with intensive background in the Gateway of AI & Machine Learning and Cybergames Network. He has done Professional Consulting service in Project Management. Mr. Pipat is a valuable asset in overseeing the overall operation of ZMINE Co., Ltd.





DR.PRASIT SRISUWAN

A seasoned businessman and investor. Dr. Prasit is exceptionally successful in the field of Finance in Thailand. Over a decade, his past experience involves holding top positions in leading firms; this includes Chief Executive Officer, Ferrum PLC, Executive Chairman, Apple Wealth Securities PLC, Chief Executive Officer and President, Country Group Securities PLC, Chief Executive Officer, BFIT Securities Co., Ltd., Assistant MD, Finansa Securities Co., Ltd.

Apart from his business achievements, he was bestowed the Companion (Fourth Class) of the Most Admirable Order of the Direkgunabhorn. The Order established by King Rama IX, the rare honor awarded to those who rendered devotional services to the Kingdom of Thailand. Other awards include Person of the Year award, National Mother's Day 2014, the Kinnaree Award 2015, and Srithep Good Person of the Kingdom 2015.



**MR. ANUWAT
SAE-TANG**

An investor. 14 years' experience in the field of finance and investment. Mr. Anuwat has worked and held important position in several Thai leading firms; 2016 to 2017; he holds a position of Deputy Chief Financial Officer, Ferrum PLC., Mr. Anuwat's past experience involves Executive Assistant to CEO, Ferrum PLC, Investment Banking, Country Group Securities PLC, Credit Control Supervisor, Zuellig Pharma Thailand, Associate Relationship Manager, Kasikorn Bank PLC, and Stock Broker, BFIT Securities Public Company PLC.

An expert and lead in Blockchain since its inception. Mr. Iyawat in his current role as CTO / COO of World Wide Wealth Holding also the leader in partnering World Wide Wealth Holding with TenX, the world's top 20 crypto-currency. Mr. Iyawat's expertise is also in ATM and Payment with over 10 years in financial industry, implementing payment systems for banks and non-bank clients. Before joining World Wide Wealth as a Blockchain expert, he worked as head of e-payment, BRED Bank, BCPE groupe, 2nd largest bank group in France and ATM and Cloud expert at IBM (Thailand).



**MR. IYAWAT
KONGMALAI**



**MR. DISAK
SRISUWAN**

Mr. Disak is the Managing Director of Atec Computer. A professional airflow ventilation consultant. Mr. Disak has over 27 years of experience in the business of manufacturing and distributing computers; specialized in designing airflow ventilation for chip set to case computer, also includes the large-scale air ventilation system for cryptocurrency mining farm.



**AS. PROF. DR. YODYIUM
TIPSUWAN**

Mr. Kittiwon is the CEO of wepay.in.th., an online e-payment platform. Mr. Kittiwon is our Professional Payment Technology Advisor. As an expert in e-payment; he has been in the industry for more than 10 years; specializing in all systems of payment of products and services via an online platform. His firm is also one of the top service providers which allow Bitcoin payment.



**MR. KITTIWIN
PIPOPWATTANA**



**MR. SITTIPHOL
PHANVILAI**

Dr. Yodyium Tipsuwan is the head of Robotics and Artificial Intelligence Lab, and the head of Computational Finance Lab, at Kasetsart University. His interests is AI, machine learning, control system, and blockchain. His current work involves with blockchain, machine intelligence, computational finance, and integration of these topics.

Mr. Sittiphol is a prominent figure in Thailand as an in-depth blockchain technology consultant; the founder and blogger at the Cheese Factory Co., Ltd. With the detailed understanding of blockchain, Mr. Sittiphol writes to explain blockchain to the public in his blog Nuuneoi.com; the website with over one million visitors per year.

Beyond hash calculation, Our massive graphics card can simulate many three dimensional model. So we are supporter of Folding@home Project and used to be in top 25 donor rank as of Oct, 2016. Folding@home (FAH) is a distributed computing project of Stanford University and Stanford University Medical Center aim for disease research to understand protein folding, the diseases that result from protein misfolding, aggregation and novel computational ways to develop new drugs in general.

HOW ZMINE CUSTOMER PARTICIPATE IN THIS PROJECT

Network security from hashing is great. But curing Cancer, Alzheimer's, Huntington's, preventing viruses, and designing next-level pharmaceuticals is also important. As ZMINE Co., Ltd., We have WRYGC model and it can be used in this project. Customer provide graphics cards which can be a new one or obsolete model. We will provide other component to get your graphics cards run as usual. But all of this cards do is only protein folding from FAH project. After running for a month, It will get some cryptocurrency coin eg. curecoin, foldingcoin and we will convert it back to fiat money for paying an electricity cost. The remaining coin after electricity will divide 50% back to you and 50% to us for donate to other foundation.

WHAT HAPPENS IF PROTEINS DON'T FOLD CORRECTLY?

Diseases such as Alzheimer's disease, Huntington's disease, cystic fibrosis, BSE (Mad Cow disease), an inherited form of emphysema, and even many cancers are believed to result from protein misfolding. When proteins misfold, they can clump together ("aggregate"). These clumps can often gather in the brain, where they are believed to cause the symptoms of Mad Cow or Alzheimer's disease.

SALE TERMS AND CONDITIONS

The following Terms and Conditions ("Terms") govern the sale of cryptographic tokens - ZMINE Tokens ("ZMINE") from ZMINE Co.,Ltd., a private limited company existing and registered under the laws of Thailand (the "ZMINE Co.,Ltd." or "Company") to purchasers of ZMINE (the "Purchaser"). This document is not a solicitation in any kind of investment and does not pertain in any way to an offering of securities in any jurisdiction. At present its ZMINE sale is not require registration or approval from the Securities and Exchange Commission of Thailand. This documents describes the ZMINE Token sale.

From now on, by purchasing ZMINE Token from the company, you will be bound by these terms. The purchaser expressly acknowledge and represent that you have carefully reviewed and fully understand of the risks, costs, and benefits of purchasing ZMINE. If you have any doubt or questions regarding these terms, please contact the company immediately.

REPRESENTATION OF PURCHASER

The purchasers represent and warrant that (1) you are authorized to purchase ZMINE in your relevant jurisdiction. (2) to the extent permitted by law, the Company shall not be liable for any direct, indirect, special, incidental, consequential or other losses or damages arising out of or in connection with the sale of ZMINE. (3) the ZMINE token do not constitute securities in any form in any jurisdiction. (4) neither ZMINE sale has examined or approved by regulatory authority nor under the laws of any jurisdiction. (5) the ZMINE sale is not prohibited or restricted by the applicable laws, regulations or rules in your jurisdiction, and where any restrictions in relation to possession are applicable, you have observed and complied with all such restrictions at your own expense and without liability to the Company. (6) the ZMINE is not to be construed, interpreted, classified or treated in (i) any kind of currency other than cryptocurrency; (ii) debentures, stocks or shares issued by any person or entity ; (iii) units in a collective investment scheme; or (vi) any other instrument which specified as a securities by the SEC of Thailand. (7) you are fully aware of and understand that you are not eligible to purchase any ZMINE if you are a citizen, resident (tax or otherwise) or green card holder of the United States of America or a citizen or resident of the Republic of Singapore and People's Republic of China.

1. OVERVIEW OF ZMINE SALE

The company requires for proper operation and comprehensive utilization, a cryptographic token called ZMINE, as defined in the white paper provided at www.zmine.com

2. TERMS OF SALE

The private sale of ZMINE begins on 6th December, 2017 until 31st January, 2018 and the public sale of ZMINE will begin on 8th January, 2018 until 31st January, 2018 or when all the ZMINE are sold. The company reserves the right to change sale date, extend or reduce the sale duration for any reason.

3. ZMINE PRICE

At its purchase during the ICO, the purchaser shall use USD to purchase ZMINE (1 ZMN represents 0.05 USD)

4. TAXATION OF ZMINE AND TAXATION RELATED TO THE ICO

The purchaser bears the sole responsibility to determine if the purchase of ZMINE with ETH or the potential appreciation or depreciation in the value of ZMINE over time has tax implications for the Purchaser in the Purchaser's resident jurisdiction. By purchasing ZMINE, to the extent permitted by law, the Purchaser agrees not to hold any of the company for any tax liability associated with or arising from the purchase of ZMINE.

5. PRIVACY

All personal information that the Purchasers provide to the company or be collected by the Company for KYC/AML process will not publish or use other than the sale of ZMINE. The Purchaser may be contacted by email by the company regarding the purchase.

6. KYC/AML

To avoid ICO from misconduct behavior about money laundering, the Company will (1) verify the identity of all purchasers. (2) promulgate and adhere to establish anti-money laundering procedures. (3) comply with the anti-money-laundering law, Counter-Terrorism Financing law, and other laws which related to ZMINE sale.

7. DISCLAIMER OF WARRANTIES

THE PURCHASER AGREES THAT THE PURCHASER IS PURCHASING ZMINE AT ITS OWN DISCRETION AND THAT ZMINE IS PROVIDED ON AN "AS IS" BASIS WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE OR IMPLIED WARRANTIES, MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

8. LIMITATIONS WAIVER OF LIABILITY

THE PURCHASER ACKNOWLEDGES AND AGREES THAT, TO THE EXTENT PERMITTED BY ANY APPLICABLE LAW, THE DISCLAIMER OF LIABILITY CONTAINED HEREIN APPLY TO ANY AND ALL DAMAGES OR INJURY WHATSOEVER CAUSED BY OR RELATED TO USE OF, OR INABILITY TO USE ZMINE OR (ii) THE COMPANY UNDER ANY CAUSE OR ACTION WHATSOEVER OF ANY KIND IN ANY JURISDICTION, INCLUDING, WITHOUT LIMITATION, ACTIONS FOR BREACH OF WARRANTY, BREACH OF CONTRACT OR TORT (INCLUDING NEGLIGENCE) AND THAT NONE OF THE COMPANY SHALL BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, INCLUDING FOR LOSS OF PROFITS, GOODWILL OR DATA, IN ANY WAY WHATSOEVER ARISING OUT OF THE USE OF, OR INABILITY TO USE, OR PURCHASE OF, OR INABILITY TO PURCHASE, ZMINE, OR ARISING OUT OF ANY INTERACTION WITH THE SMART CONTRACT IMPLEMENTED IN RELATION TO ZMINE. THE PURCHASER FURTHER SPECIFICALLY ACKNOWLEDGES THAT THE COMPANY IS NOT LIABLE FOR THE CONDUCT OF THIRD PARTIES, INCLUDING OTHER PURCHASERS OF ZMINE, AND THAT THE RISK OF PURCHASING AND USING ZMINE RESTS ENTIRELY WITH THE PURCHASER. TO THE EXTENT PERMISSIBLE UNDER APPLICABLE LAWS, UNDER NO CIRCUMSTANCES WILL ANY OF THE COMPANY BE LIABLE TO ANY PURCHASER FOR MORE THAN THE AMOUNT THE PURCHASER HAVE PAID TO THE COMPANY FOR THE PURCHASE OF ZMINE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF CERTAIN WARRANTIES OR THE LIMITATION OR EXCLUSION OF LIABILITY FOR CERTAIN TYPES OF DAMAGES. THEREFORE, SOME OF THE ABOVE LIMITATIONS IN THIS SECTION AND ELSEWHERE IN THE TERMS MAY NOT APPLY TO A PURCHASER. IN PARTICULAR, NOTHING IN THESE TERMS SHALL AFFECT THE STATUTORY RIGHTS OF ANY PURCHASER OR EXCLUDE INJURY ARISING FROM ANY WILFUL MISCONDUCT OR FRAUD OF THE COMPANY.

9. INTELLECTUAL PROPERTY

The Company retain all right, title and interest in all of our intellectual property, including but not limited to inventions, discoveries, processes, marks, methods, compositions, formulae, techniques, information and data, whether or not patentable, copyrightable or protectable in trademark, and any trademarks, copyrights or patents based thereon.

10. FORCE MAJEURE

The Company shall be excused from its obligations hereunder when and to the extent that performance thereof is delayed or prevented by any force majeure event, that is any event beyond the reasonable control of the Company and which is unavoidable notwithstanding the reasonable care of the party affected, and shall include, without limitation, acts of government, force of nature, fire, explosion, geological change, storm, flood, earthquake or other acts of god or act of war, strike,

civil war or insurrection. The Company affected by any such force majeure event shall promptly give a notice to the Purchaser advising the latter of the excuse and the steps it will take to complete such performance. The Company seeking the excuse will be excused from such performance to the extent such performance is delayed or prevented provided that the party so affected shall use reasonably practical efforts to complete such performance.

11. WAIVER

No failure to exercise nor delay in exercising any right, remedy or power hereunder shall operate as a waiver thereof. A single or partial exercise of any right, remedy or power hereunder shall not preclude any other or further exercise thereof or the exercise of any other right, remedy or power provided herein or by law or at equity. The waiver of the time for performance of any act or condition hereunder does not constitute a waiver of the act or condition itself. Waiver of any right hereunder shall be valid only when such waiver is made in writing and signed by the party waiving such right.

12. SEVERABILITY

Whenever possible, each provision of this Terms shall be interpreted in such a manner as to be effective and valid under the applicable laws. However, if any provision of this Terms shall be held to be invalid or prohibited under applicable laws, such provision shall be ineffective only to the extent of such invalidity or prohibition without invalidating the remainder of such provision or the remaining provisions of this Terms.

13. ENTIRE AGREEMENT

This Terms shall constitute the entire agreement between both parties hereto and shall supersede any communications, understanding, negotiation, agreements or promises in respect hereto which have been made either in writing or orally prior to the date hereof and are also contradictory to the provisions hereof.

14. DISPUTE RESOLUTION

If any dispute, controversy, claim or difference of any kind whatsoever (the "Dispute") shall arise between the parties in connection with, relating to, or arising out of, this Terms, or the breach, termination, the interpretation or invalidity hereof, the parties shall attempt to settle the Dispute in accordance with the following process

- (a) for a period of thirty (30) calendar days after the receipt by one party of a notice from the other party of the existence of the Dispute, to settle such Dispute in the instance by mutual discussions between the duly authorized person(s) representing each party.

- (b) if the parties cannot reach the resolution within the days as set in (a), such dispute shall be finally settled by arbitration in Bangkok, Thailand in accordance with the Rules of Arbitration Institute, Ministry of Justice. Any arbitral award may be entered in any court of competent jurisdiction.

15. GOVERNING LAW

This Terms shall be governed in and construed in accordance with the laws of Thailand

PRIVACY POLICY

This policy, an integral part of ZMINE TOKEN SALE TERMS AND CONDITIONS ("Terms"), is prescribed about the data we collect from you, or that you provide to us in connection with the purchase ZMINE Token for using in our process further. Please read the following carefully to understand our views and practices regarding your personal data and how we will treat it. By visiting the website you are accepting and consenting to the practices described in this policy.

INFORMATION WE COLLECT FROM YOU

We will collect and process the following data about you: this is information about you that you give us by filling in forms on the Website or by corresponding with us by phone, e-mail or otherwise.

The information you give us may include your personnel information including but not limited to name, address, e-mail address, identification number, passport number, phone number, personal description and your photograph.

With regard to each of your visits to our site we will automatically collect the following information:

technical information, including the Internet protocol (IP) address used to connect your computer to the Internet, your login information, browser type and version, time zone setting, browser plug-in types and versions, operating system and platform;

information about your visit, including the full Uniform Resource Locators (URL), clickstream to, through and from our site (including date and time), products you viewed or searched for, page response times, download errors, length of visits to certain pages, page interaction information (such as scrolling, clicks, and mouse-overs), methods used to browse away from the page, and any phone number used to call our customer service number.

We are working closely with third parties (including, for example, business partners, sub-contractors in technical, payment and delivery services, advertising networks, analytics providers, search information providers, credit reference agencies) who may provide us information about you.

COOKIES

Our website uses cookies to distinguish you from other users of our website. This helps us to provide you with a good experience when you browse our website and also allows us to improve our site.

INFORMATION USED

Your information will be used in the ways as following:

- (1) to carry out our obligations arising from the ZMINE Token Sale Terms and Conditions entered into between you and us and to provide you with the information, products and services that you request from us.
- (2) to comply with applicable laws and legislation.
- (3) to notify you about changes to our ZMINE sale.
- (4) to administer our site and for internal operations, including troubleshooting, data analysis, testing, research, statistical and survey purposes.
- (5) to improve our site to ensure that content is presented in the most effective manner for you and for your computer.

DISCLOSURE OF YOUR INFORMATION

You acknowledge and agree that we have the right to share your personal information with:

- Any member of our group, which means respective past, present and future employees, officers, directors, contractors, consultants, equity holders, suppliers, vendors, service providers, parent companies, subsidiaries, affiliates, agents, representatives, predecessors, successors and assigns.
- Selected third parties including business partners, suppliers and sub-contractors for the performance of any contract we enter into with them or you;

- The government sector or officer in order to comply with any legal obligation, or in order to comply with the applicable law.

Unfortunately, the transmission of information via the internet is not completely secure. Although we will do our best to protect your personal data, we cannot guarantee the security of your data transmitted to our site; any transmission is at your own risk. Once we have received your information, we will use strict procedures and security features to try to prevent unauthorized access.

CHANGES TO OUR PRIVACY POLICY

Any changes we make to our privacy policy in the future will be posted on this page. Please check back frequently to see any updates or changes to our privacy policy.

COPYRIGHT AND LEGAL DISCLAIMER

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The purpose of this White Paper is to present ZMINE to potential investors in the event of the token launch. The White Paper is the primary official source of information about ZMINE Token Launch. The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential token holders in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring ZMINE tokens.

Statements involving financial projections and information may involve risks and uncertainties in the actual event that may deviates the results from the estimates.

The information contained herein may from time to time be translated into other languages or used in the course of written or verbal communications with existing and prospective customers, partners etc. In the course of such translation or communication some of the information contained herein may be lost, corrupted, or misrepresented. The accuracy of such alternative communications cannot be guaranteed. In the event of any conflicts or inconsistencies between such translations and communications and this official English language White Paper, the provisions of this English language original document shall prevail.

