



THE HASH SPEED (THS)

AUGUST 2020



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EXECUTIVE SUMMARY

This white paper highlights the key features and technical specifications of The Hash Speed (THS) Token, built on Ethereum Blockchain. The key takeaways are the technologies behind Cloud mining powered by THS, how is the current cloud mining industry different than the proposed technology in the white paper, how will be the utility of THS, the roadmap and all the important details regarding the newest competition in the Cloud mining market, The Hash Speed (THS).

Mining is a great way to earn rewards while providing a valuable service to the global network of users. Miners can set up a hardware operation and start mining. But long gone are the days where one could just mine bitcoin with a desktop PC or even an old laptop. These days, any profitable bitcoin mining is done via computer systems tailored exclusively for the task, professionally called application-specific integrated circuit (ASIC) miners or join forces with a large venture via cloud mining. Though this seems to be doable but other than the upfront cost of the hardware, your main expense as a miner is electricity. The power is primarily for operation of the computer systems themselves, but also for ventilation and air conditioning systems that might be needed depending on the situation. This paper solves problems stated as follows:

- Increased cost and difficulty of mining since last 2 years
- Increased electricity consumption for mining irregularity of rewards to miners





1 What is Blockchain?

Blockchain is a distributed ledger containing a list of records called “blocks” that store data publicly and in chronological order, making it a “chain” of chronological events. Information on a Blockchain network is encrypted using cryptography, which guarantees basic security services authorization, authentication, integrity, confidentiality, and non-repudiation in all communications and data exchanges in the new information society. Additionally, to ensure that the privacy of the user is not compromised and data cannot be altered, this information is not controlled by a centralized authority, unlike modern financial institutions.



The same copy of the ledger is distributed to all the participants in the Blockchain network, these participants are known as nodes. This allows other participants to be alerted, if one node or data on one particular participant computer gets corrupted, this way they can rectify





it as soon as possible, making it reliable and fault-tolerant. Therefore, a typical Blockchain network is called a public Blockchain.





1.1 Cryptocurrencies

A cryptocurrency is a digital or virtual currency that is secured by cryptography, which makes it nearly impossible to counterfeit or double-spend. Many cryptocurrencies are decentralized networks based on blockchain technology which ensures the integrity of transactional data, and the decentralized structure allows them to exist outside the control of governments and central authorities.

Cryptocurrencies have become increasingly popular over the past several years, there were more than 5,700 of them at the time of writing this paper. And the number is constantly growing.



These are some key takeaways from Cryptocurrencies:

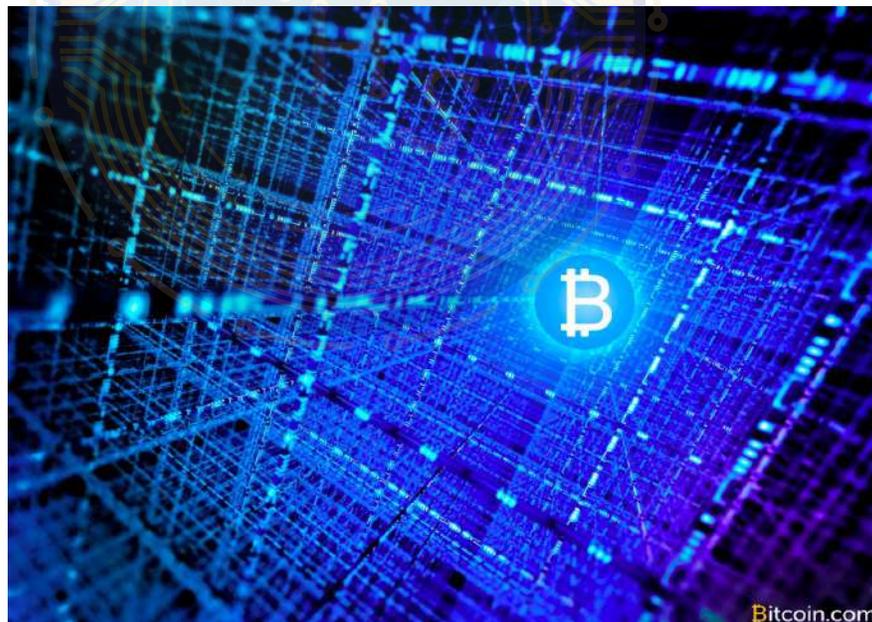




- The word “cryptocurrency” is derived from the encryption techniques which are used to secure the network
- A cryptocurrency is a new form of digital asset based on a network that is distributed across a large number of computers. This decentralized structure allows them to exist outside the control of governments and central authorities.

1.2 Bitcoin

Of more than 5,700 cryptocurrencies available on the market, Bitcoin is The first decentralized cryptocurrency released in 2009 by an individual or group of individuals known as Satoshi Nakamoto, that allows people to send and receive money around the world. Bitcoin conceptualized the first-ever use of Blockchain, making the payments secured using cryptography, keeping the identity of the people sending and receiving money anonymously.



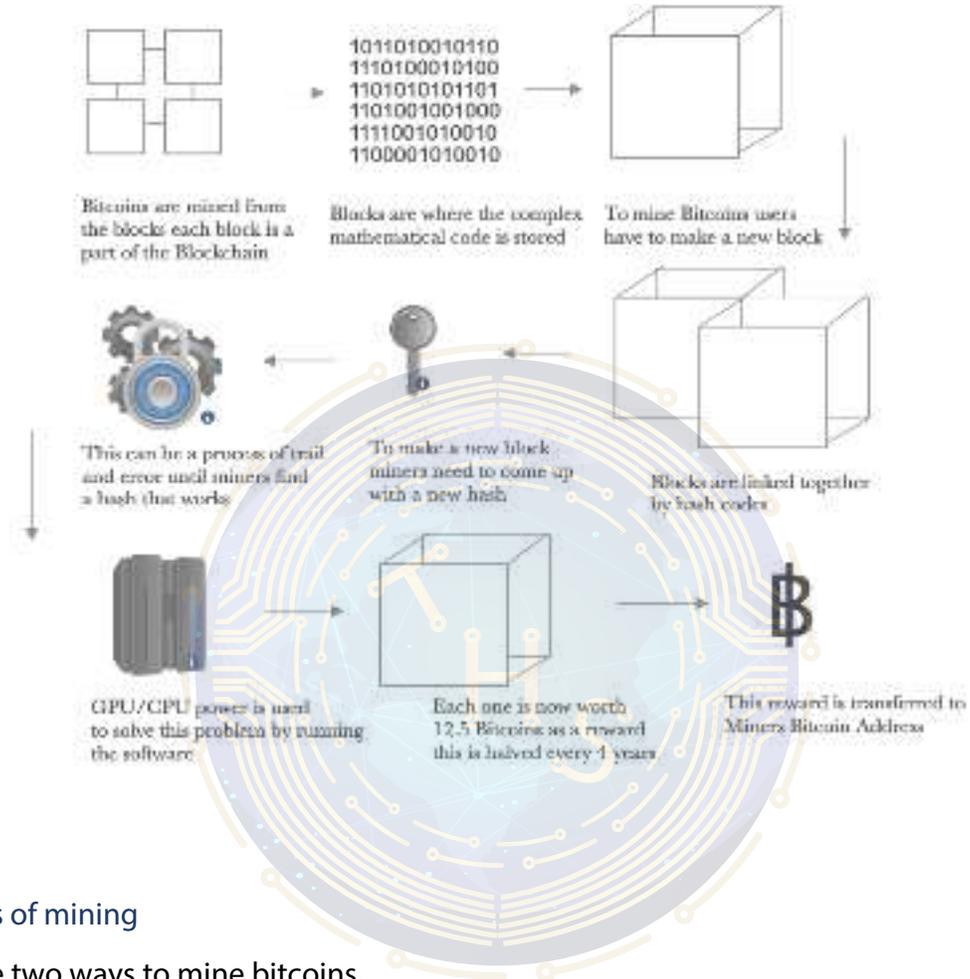


2 What is Mining?

The term 'Mining' is used to describe the process of adding transaction records to the Blockchain. This process of adding blocks to the blockchain is how transactions are processed and how money moves around securely on cryptocurrencies like Bitcoin. This process of Blockchain mining is performed by a community of people around the world called 'Blockchain miners.' Anyone can become a Blockchain miner. These Blockchain miners install and run a special mining software that enables their computers to join the network, communicate securely with one another and begin mining bitcoins.

Bitcoin mining is performed by high-powered computers that solve complex computational math problems (that is, so complex that they cannot be solved by hand, and indeed complicated enough to tax even incredibly powerful computers). While the cost and difficulty of mining bitcoins individually continue to increase, several cloud-based mining services have gradually emerged. These services allow individual users to lease the processing power of mining equipment and mine bitcoins remotely. However, you can mine bitcoins in person too.





2.1 Types of mining

There are two ways to mine bitcoins.

- Cloud Mining
- Hardware Mining



2.1.1 Cloud Mining

Cloud mining facilitates the process of mining via the cloud. Cloud computing is one of the fastest-growing trends wherein computing services such as servers, databases, software, and storage are accessed via the cloud (or simply over the Internet). Cloud mining offers a mechanism to mine a cryptocurrency such as bitcoin without having to install all the hardware and related resources which makes you a participant in a mining pool by buying a certain amount of "hash power." Each participant has a rightful share of the profits in proportion to the allotted hashing power. Since cloud mining is done via cloud, it negates issues such as maintenance of equipment or energy costs.

This mining technique utilizes a remote datacenter with shared processing power making the combined hash power more and mining outputs even more.





2.1.2 Hardware Mining

Hardware or Traditional miners need dedicated computer hardware with a specialized graphical processing unit (GPU) chip or application-specific integrated circuit (ASIC), sufficient cooling means for the hardware, an always-on internet connection, a legitimate cryptocurrency mining software.

Cryptocurrencies have risen in both popularity and value, competition has increased substantially as well and now includes organizations and enterprises with more extensive resources than most individuals can compete with. It's not ideal for the average person to mine since China's cheap electricity has allowed it to dominate the mining market.





3 Big Players in the Mining Industry

Though Bitcoin was structured to bring in the decentralized economy, its mining aspect has continued to see massive centralization as a result of the development of lots of mega mining organizations.

Bitcoin.com

Bitcoin is one of the most recognised brands in the cryptocurrency industry. As an organisation, they provide bitcoins, bitcoin cash, mining pools and many other bitcoin-related services, apart from cloud mining.

- They offer contracts one can rent using BTC, BCH or even bank transfers. One can rent multiple contracts.
- They have half-yearly(6 months), annual(12 months) and biennial(24 months) plans.
- The minimum hashing power available for purchase is 4 TH/s for a 6-month plan and 2 TH/s for 1-2 year plans.

Genesis Mining

Genesis is one of the oldest players in the cloud mining domain.

- They support the mining of Bitcoin, Dash, Ethereum, Monero, Litecoin and ZCash.
- They rent bitcoin mining contracts for 9 months and other coin mining contracts for 2 years.

Hashing24.com

Hashing24 is one of the recent players in the cloud mining domain. The Dublin, Ireland based company has its first snapshot on archive.org going back to 2016.

- They only allow the mining of Bitcoin.
- They offer two types of contracts, with and without maintenance fees.





- Both these contracts are available for a yearly subscription.

4 Problems & Challenges in Crypto Mining Industry

Few years back, one could easily mine with their personal computers. However, this isn't the case anymore, with an increase in the number of crypto miners and increased difficulty of the mining algorithm, mining is simply unrealistic with a personal computer.

Theoretically, each crypto has its own "block time." For Bitcoin, it takes about 10 minutes to mine a block, and for Ethereum, it takes about 20 seconds. With this in mind, it means single computers or PCs are disadvantaged. As such, miners are forced to adopt faster processors. To beat the heat of competition, many miners now adopt a special machine known as an application-specific integrated circuit (ASIC).





The two major challenges faced by the mining industry are:

High Energy Costs

To maximize successful mining chances, you'd need to combine hundreds of ASICs together to solve one problem. Consequently, this would require extremely high power output, which will cost you exorbitantly high electric fees.

In order to shorten the mining time, it is necessary to frequently replace the computer and install the computer's cooling device. These lead to higher and higher mining costs for Bitcoin and lower profits.





Irregularity in mining rewards

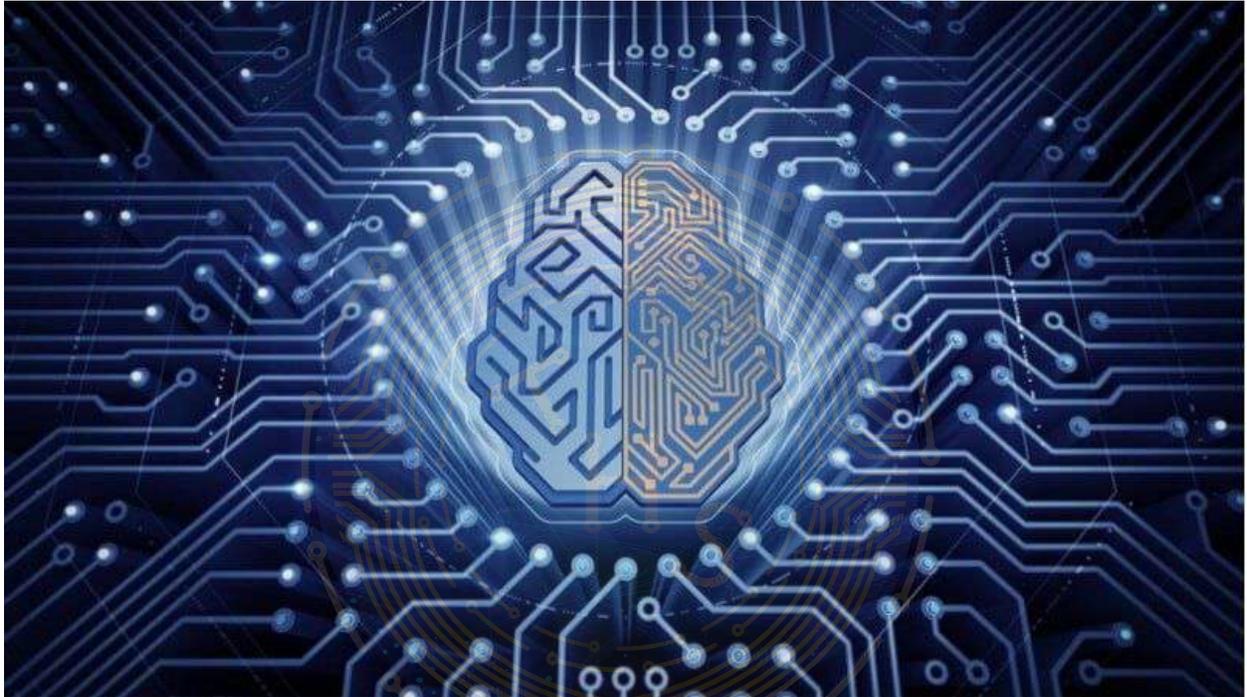
With more and more miners in the game with their competing hashing powers, the probability of getting a reward becomes less and profits from rewards becomes irregular. In a study it was found that with increasing difficulty in mining the operational costs of the installed miners like S9 with hash speed 13.5TH/s is just theoretic, in reality they give lesser outputs hence reducing the probability of earning rewards and increasing the operational and maintenance costs.





5 The Hash Speed (THS) Token as solution

The Hash Speed (THS) is an ERC20 Token which provides a solution to the above stated problems related to cloud mining. These are the challenges solved by THS related to mining outputs:



Eliminate high energy costs

The introduction of Artificial Intelligence and smart technology solutions will help reduce the work of miners as well as trigger cooling whenever required

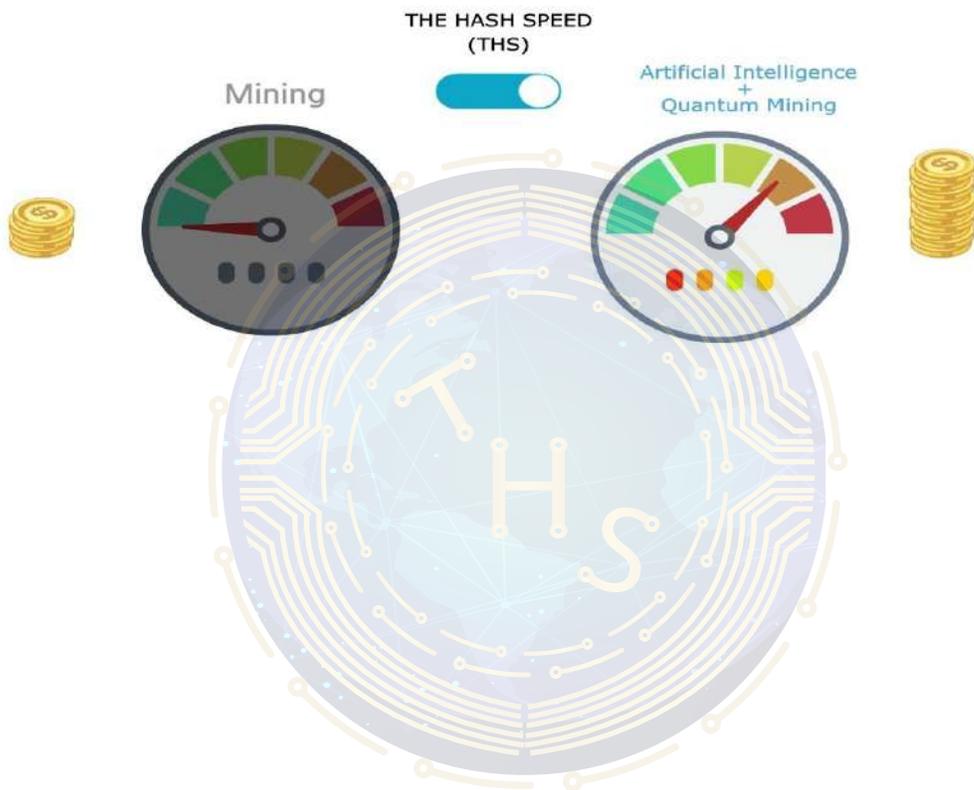
Irregularity in Mining rewards

The introduction of the concept of Quantum mining will focus on more output for the miners allowing them to get a better hash rate and get more mining rewards





The token funds of The Hash Speed (THS) will be used as a solution to power these new technologies focusing on solving these challenges faced by the Mining Industry.





6 Introducing Unique Quantum Mining Technology

Computers that perform quantum computations are known as quantum computers. Quantum computers are believed to be able to solve certain computational problems, and are substantially faster than classical computers. Similarly, such high end, optimised and computation intensive technologies are used for mining focusing on maximizing the output, this mining is termed as Quantum Mining. Quantum mining is much faster, optimised and rewards centric mining technology which intends to solve the problem of irregularity in mining.



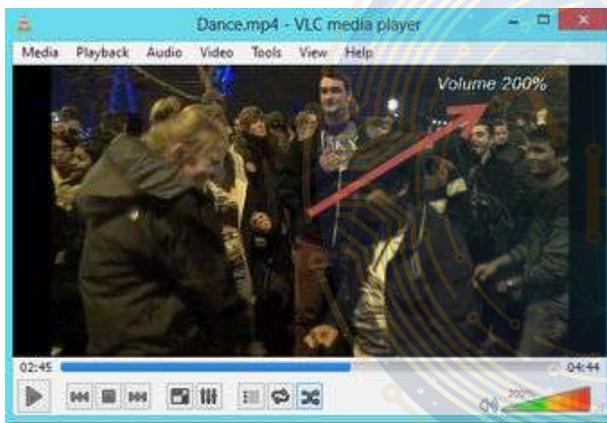
Normal mining pools face a high difficulty rate while solving the complex mathematical problem of mining hence the rewards and income is low from the same.





Miners like Antminer S9 which claims to have a hash speed of 13.5 TH/s is just theoretical, while in reality it achieves a hash speed in between 12-12.5 TH/s i.e 80-85 % of its capacity, making a low probability of getting the mining reward. Quantum mining improves the actual speed of the miner by using the buffer speed of the miner, allowing it to achieve 100-110% of its capacity.

Every equipment or machine assembly has much more capacity than the shown capacity, this capacity is kept suppressed under the name of buffer speed or buffer computation, allowing it to work seamlessly. Quantum mining adds this buffer speed to the existing capacity making it perform even better and generate more power with an intention to achieve more hashing power than normal and to gain more rewards, eliminating the possibilities of losing on mining rewards and income based on that.



As an example, The Buffer output of mechanical equipment like Speakers, Mic and common machine assembly is leveraged by our popular desktop application VLC Media Player, using the buffer capacity of these equipment to maximize the outputs.

The use of the concepts related to quantum mechanics will focus on achieving the most from miners hence the introduction of Quantum Mining to solve the challenges faced in mining.





7 Introducing Artificial Intelligence (AI) in Miners

Human Intelligence and intervention on solving complex problems has always been appreciated for centuries but it is not possible for us to solve the problems occurring in a repeated manner. Hence, Artificial Intelligence comes into the picture. Artificial intelligence (AI) is the simulation of human intelligence processes by machines, especially computer systems. Problems related to Crypto mining like Energy consumption, Heat production and Efficiency, are solved by introducing and leveraging the power of Artificial Intelligence in Miners.



As we are all aware, Crypto mining is undoubtedly a challenging task and requires a tremendous amount of energy and money to be executed and invested with perfection. With AI already has proved its efficiency in optimizing the energy consumption in the House appliances, Workstations, Industries, etc, there remains little doubt over AI achieving similar results for crypto mining. This will lead to lower investments in the mining hardware, which currently burns a hole in the miners' pockets. With an increase in the system's efficiency, it would become possible to utilize the power of these miners effectively and lower or even shut down these miners whenever it is not required. This will indirectly lead to the smart consumption of Energy, leveraging the power of Artificial Intelligence. If the difficulty level is high then only the miners will boost up to increase the possibility of solving the puzzle and gaining the reward. Whenever the mining operation is not required, the AI enabled device will keep the miners shut, the cooling devices like AC will also shut





down smartly in order to achieve cost efficiency and at the same time increasing the regularity in getting rewards.

With the advancements in Artificial Intelligence and Machine learning, the concepts of neural networks will allow miners and mining equipment to outperform the other traditional miners who aren't leveraging the use of smart technology. AI is expected to grow over the years making it more and more improved and advanced in coming years



8 Technical Specification of THS (ERC20 Token)

Because Ethereum has created an ecosystem where everything works together seamlessly using tokens to power the network. Ethereum based tokens allows exchanges, crypto wallets, and smart contracts to know in advance how any new tokens will interact on the system. Because of its capacity for smart contracts and other complicated computing capacities.

Ethereum is viewed as more agile, adaptable and stable. Due to its reliability and the growth of decentralized apps (dapps) we felt the Ethereum platform was a logical choice.

Thus, we have planned and created our own digital crypto token named "The Hash Speed".

Name

THE HASH SPEED





Ticker

THS

Details

The Hash Speed (THS) is ERC20 token brings brand new innovation in the Bitcoin Mining Industry with First of its kind Quantum Mining with Artificial Intelligence (AI) Integrated Technology which uses highly optimum system to utilize the maximum speed of Mining Machines (Miners) and produces unbelievable mining output and generates lucrative Bitcoins via mining rewards and mining network fees. We generate maximum Bitcoins on a daily basis as mining payouts. Here, we provide the investors, traders, miners, networkers, beginners one of its kind platforms to be a part of this unique system of the New Bitcoin Mining Era.

Contract

0xD0Df51CeC800D1F8045722377f6faceba8d15A4d

Total Supply

The total supply is 1,000,000,000 THS.

Why is the total supply of THS big?

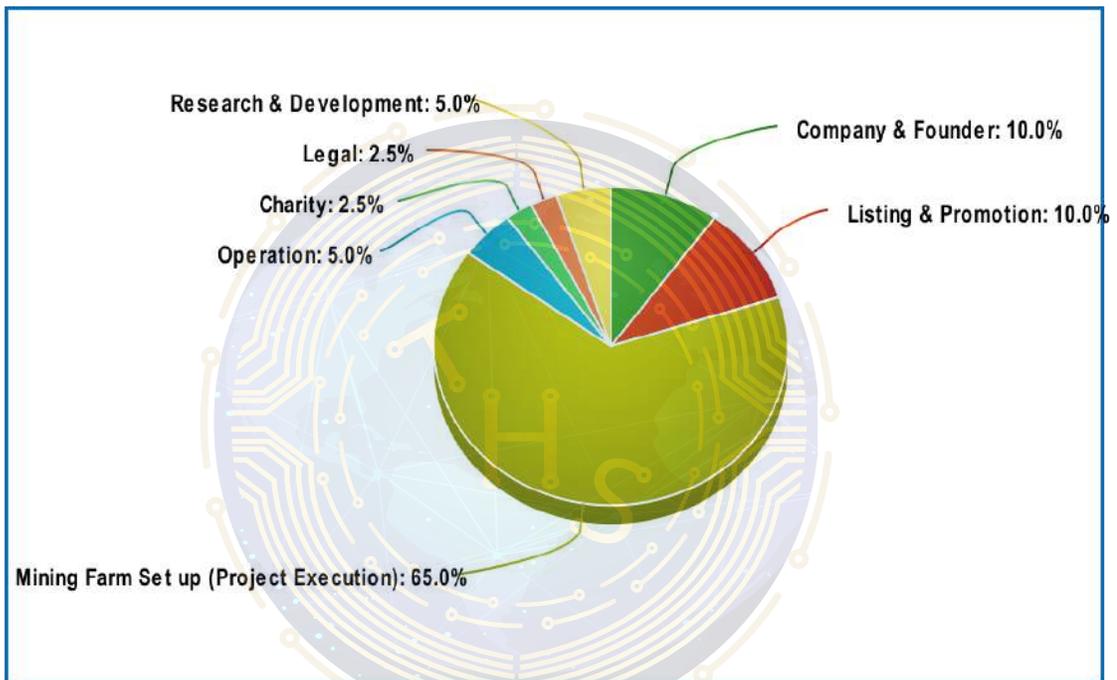
We think global, there is enough crypto for the entire human race, even the day a satoshi becomes equal to 1 cent (maybe in 10–15 years).



9 Token Allocation

The allocation of the total 1 Billion The Hash Speed (THS) tokens is as follows:

Token allocation





The token allocation is done on the basis of the following distribution:

- Company & Founder: 10%
- Listing & Promotion: 10%
- Mining Farm Set up (Project Execution) : 65%
- Operation: 5%
- Charity: 2.5%
- Legal: 2.5%
- Research & Development: 5%

10 SWOT Analysis of THS

S

Strengths

- We are first in the industry with the concept of Quantum Mining with Artificial Intelligence.
- We provide more hashing power services for customers with less cost which gives customers more mining output
 - AI and smart technology reduces maintenance and operational costs.

W

Weaknesses

- We are new into industry so it will take time to fetch investors' and miners' trust and reliability.





O

Opportunities

- We are a monopoly in market as we are the only player in the field of Quantum mining, lot of players are shutting their businesses so the customers are finding newer solutions, they are our potential customers
- We are offering Affiliate marketing in our services.
- With the power of quantum mining and Artificial Intelligence more mining and rewards will be available to customers

T

Threats

- The existing competition by the big players of cloud mining as we are in the same industry.





11 Utility of THS Token

The Hash Speed (THS) will be used to avail services of THS Mining which uses Quantum Mining with Artificial Intelligence technology. <https://thsmining.com> will be the one stop shop to purchase various cloud mining packages leveraging Quantum Mining and Artificial Intelligence technology. Customers will be given an option to select between the packages of their choice for which they will have to pay using The Hash Speed (THS) token via its payment gateway.

All the assured return packages listed on <https://thsmining.com> can only be availed using THS token, no other currency/cryptocurrency can be used to purchase these packages or avail the technology of Quantum Mining and Artificial intelligence in cloud Mining.

To be a part of a Quantum Mining and AI revolution in cloud mining, you have to get our packages which gives you assured returns of Bitcoin, as we will be mining for Bitcoin and giving it as everyday rewards as Bitcoin mining output for the Mining power purchased by our customers using THS token.

This makes the utility of THS token simple, you get the hash power packages using THS token payment gateway and get rewards in the form of Bitcoin.



12 Team THS

The Hash Speed (THS) team combines years' of experience in finance, technology, blockchain and senior business leadership. Currently THS has 100+ team members, coming from different countries, giving a decentralized team a whole new meaning. Here is the profiles of some key people of the project.



Imrankhan Nagori
Founder, Technology Head &
Crypto Mining Expert
<https://www.linkedin.com/in/imrankhannagori>



Fahim Altinordu
Promotion & Listing
head
<https://www.linkedin.com/in/fahimaltinordu/>



Shubham Londhe
CTO & Blockchain
Developer
<https://www.linkedin.com/in/shubhamlondhe1996/>



Simon Alagbe
Community Manager
<https://www.linkedin.com/in/simon-alagbe>



Kazi Sajib
Marketing head / bounty &
airdrop manager
<https://www.linkedin.com/in/kazi-sajib-3b5a52148/>



Shivani Raval
Community Relationship
Manager
<https://www.linkedin.com/in/shivani-raval-3080771aa>





Sweta Panchal
Application Developer
<https://www.linkedin.com/in/sweta-panchal-b511841b4>



Priyanshi Soni
Sr. Graphic Designer
<https://www.linkedin.com/in/priyanshi-soni-96b29013a>



Ayushi Raghuwanshi
Blockchain Developer
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Technical operation executive
<https://www.linkedin.com/in/santosh-kumar-singh-70a8421a0>



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Bounty Manager
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Palak Tank
Digital Marketing Expert
<https://www.linkedin.com/in/palak-tank-4a17131b0/>



Fahim Feroz
Community Manager
<https://www.linkedin.com/in/fahim-feroz-35b06218b>



SM Hridoy
Community manager
<https://www.linkedin.com/in/sm-hridoy-953a891b3>





13 Roadmap of THS Mining Ltd, UK

As a community focused company we believe it is essential that all staffers understand the changes and improvements we hope to implement over the coming months. We are striving to be the best in the market of Cloud mining, hence we have these milestones in the roadmap of THS Mining Ltd, UK.

Milestone 1

We will be collaborating with Mining farms located in Shenzhen, Beijing (China) and Paraguay, Europe where the mining infrastructure meets our Quantum mining and Artificial Intelligence technology for a contract of 1 Million TH/s hash power.

Milestone 2

We will be achieving the creation of THS tokens. We plan to create 1 Billion THS tokens.

Milestone 3

We will be achieving the development of cloud mining website i.e THS mining website.

Milestone 4

We will be launching THS with IEO (Initial Exchange Offering).

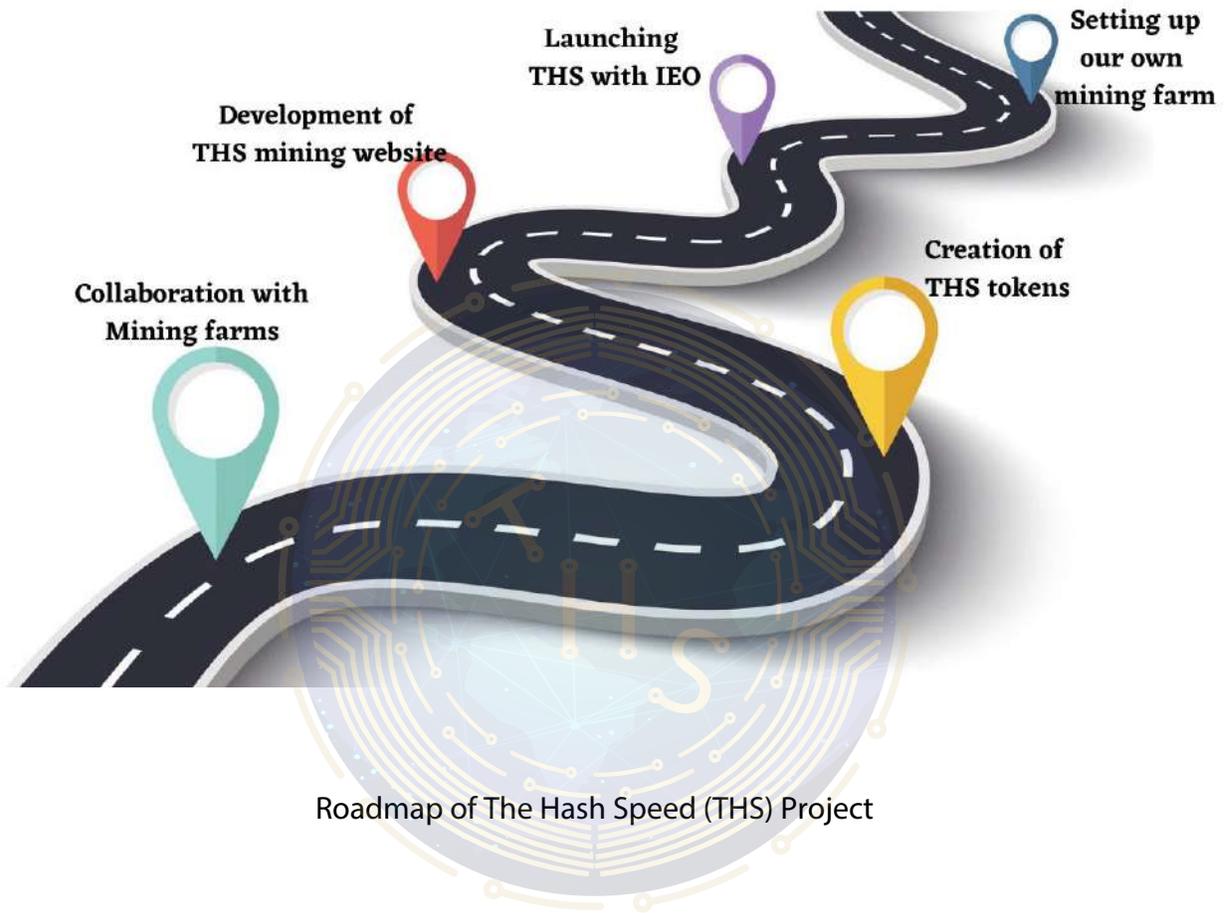
Milestone 5

We will be promoting it to potentially high markets where we create the utility of THS tokens.

Milestone 6

We will be Setting up our own mining farm in Paraguay and Sweden where electricity is comparatively cheap. We are in talks with the government of both the places, resulting to which we will be achieving the speed of 10 Million TH/s to be the world's biggest service provider of Cloud mining with Quantum Mining and Artificial Intelligence technology.







14 Comparison with the other players in the Mining Industry

With big players in the field of Cloud Mining, we are positive about our approach towards technology and mining combined as we have few points for comparison which makes us create a comparison chart for the same.

Mining companies	THS Mining	Hashflare Mining	Genesis Mining
Pricing Per TH/s	\$20-30	\$60	\$30
Contract Duration	15 months	12 months	30 months
Maintenance Fees	No	Yes	Yes
Assured Mining Output	Yes	No	No
Quantum Mining Technology	Yes	No	No
Artificial Intelligence (AI)	Yes	No	No
Anytime Money Back	Yes	No	No
Referral Program	Yes	No	No
Business Opportunity	Yes	No	No

Conclusion

THS Mining is the best option of investing in Cloud Mining with great Business opportunities.





15 Token sale terms and conditions

PLEASE READ THESE SALE TERMS CAREFULLY. NOTE THAT SECTION 18 CONTAINS A BINDING ARBITRATION CLAUSE AND CLASS ACTION WAIVER, WHICH AFFECT YOUR LEGAL RIGHTS. IF YOU DO NOT AGREE TO THESE TERMS, DO NOT PURCHASE THS.

Your purchase of The Hash Speed tokens (THS) during the private token sale as defined below, from THS Mining Ltd. UK (the "Company," "we," or "us") is subject to these terms of sale ("Terms"). Each of you and Company is a "Party" and, together, the "Parties." By purchasing THSs from us during the Sale, you will be bound by these Terms and any terms incorporated by reference. If you have any questions regarding these Terms, please contact us at info@thehashspeed.com
You and Company agree as follows:

1. Commencement and Duration of Sale

The Company will conduct an IEO of THSs (the "Sale"), which will begin at 8:00 AM on June 14th, 2020 (the "Launch Date") and the end date 13th July 2020 or when 650,000,000 THS has been sold whichever is earlier.

2. Eligibility

In order to be eligible to participate in the Sale you must be registered as a member. In addition, a prospective purchaser must provide us with contact information (your "User Credentials"), proof of identity, and other information. You must also have an Ethereum wallet that supports the ERC-20 token standard in order to receive any THSs you purchase from us and provide us the address for that wallet. We reserve the right to prescribe additional guidance regarding specific wallet requirements. If you select bitcoin ("BTC") as your Payment Currency (as defined below) you must provide us with a refund address to receive any necessary refunds (the "Refund Address"). Any refunds will be made in the Payment Currency not in USD. In the event you supply an incorrect or incomplete Refund Address or THS Receipt Address we are not responsible for any delays, losses, costs, non-delivery of refunds or of THSs, or other issues arising from the failure to provide, or providing an inaccurate or incomplete Refund Address or THS Receipt Address. If you already possess THSs prior to the Launch Date, you are not eligible to participate in this Sale.





3. Purchase and Sale of THS

a. Price; Payment Currencies

The USD price per THS is \$0.10 ("Price per THS"). While the Price per THS is set in USD, you may pay for THSs in either USD, Ether ("ETH"), BTC or others (each, a "Payment Currency").

b. Purchase Procedure

After logging into the Sale portal via a web browser, you will be contacted by THS Mining to conduct the purchase. You will need to supply proof of identity, and other information, and will be prompted to select an amount of THS to purchase. We reserve the right, in our sole discretion, to modify any of the procedures described herein to account for network congestion or other technical challenges.

c. Purchase Price

Your quoted "Purchase Price" in the selected Payment Currency is equal to the USD value of the purchase amount divided by the Exchange Rate (as defined below). The "Exchange Rate" will be the exchange rate between USD and your selected Payment Currency as sourced by the Company from coinmarketcap.com at the approximate time your purchase request is processed. For the avoidance of doubt, to the extent the Exchange Rate varies from the then-current rate on coinmarketcap.com, the Exchange Rate will apply.

d. Purchase Price Must Be Received in Full Within Six Hours

If we have not received the payment of the full Purchase Price in accordance with these Terms within six (6) hours of the time that you receive your payment instructions, we reserve the right to void your purchase request and refuse to accept your payment of the Purchase Price. For the avoidance of doubt, the Purchase Price will be deemed to be paid in full once we have received three (3) network confirmations of the transaction. We reserve the right, in our sole discretion, to modify or extend any of the timelines described herein to account for network congestion or other technical challenges or delays.

e. Payment of Purchase Price

You must pay the Purchase Price by sending the correct quantity of BTC, ETH, or USD (but not a combination) to the unique address displayed to you via the Sale portal. Your purchase is not guaranteed until we receive the full amount of the Purchase Price. f. One Purchase Per Purchaser. You will only be allowed to make one purchase during the Sale. You agree not to allow anyone to use your THS Mining Account or share your User





Credentials with any other person for the purpose of facilitating their unauthorized access to the Sale. If you do share your User Credentials with anyone we will consider their activities to have been authorized by you. You alone are responsible for any acts or omissions that occur during the Sale through the use of your User Credentials. We reserve the right to suspend or block your access to the Sale upon suspicion of any unauthorized access or use, or any attempt thereof, by anyone associated with your User Credentials.]

g. Delivery of THSs. Company will deliver the quantity of THSs you purchase within five (5) days from the date Company (i) receives your payment, (ii) receives your complete and accurate THS Receipt Address, (iii) approves your Accredited Purchaser status, and (iv) your confirms your identity.

4. Scope of Terms

a. Unless otherwise stated herein, these Terms only govern your purchase of THS from Company during the Sale.

b. Any use of THS in connection with providing or receiving Services in the THS Mining may be governed by other applicable terms and conditions and policies.

5. Cancellation

Refusal of Purchase Requests. All purchases of THS from us during the Sale are final, and there are no refunds or cancellations except as set forth herein or as may be required by applicable law or regulation. We reserve the right to refuse or cancel Token purchase requests at any time at our sole discretion.

6. THS Creation and Allocation.

Important information about the Company's creation and intended use of the THS is provided in Exhibit B. By purchasing THS, you acknowledge that you have read, understand, and have no objection to Exhibit B.

7. Acknowledgment and Assumption of Risks

You acknowledge and agree that there are risks associated with purchasing, owning, and using THS for the provision or receipt of Services in the THS Mining Limited UK, as disclosed and explained in Exhibit C. **BY PURCHASING THS, YOU EXPRESSLY ACKNOWLEDGE AND ASSUME THESE RISKS.**

8. Security

You are responsible for implementing reasonable measures for securing the wallet, vault, or other storage mechanism you use to receive and hold THS purchased from us, including any requisite private key(s) or other credentials necessary to access such storage mechanism(s). If your private key(s) or other access credentials are lost, you may lose





access to your THS. We are not responsible for any losses, costs, or expenses relating to lost access credentials.

9. Personal Information

We may determine, in our sole discretion, that it is necessary to obtain certain information about you in order to comply with applicable laws or regulations in connection with selling THS to you. You agree to provide us such information promptly upon request and acknowledge that we may refuse to sell THS to you until you provide such requested information and we have determined that it is permissible to sell you THS under applicable laws or regulations.

10. Taxes

Any amounts that you pay for THS are exclusive of all applicable taxes. You are responsible for determining what, if any, taxes apply to your purchase of THS, including, for example, sales, use, value added, and similar taxes. It is also your responsibility to withhold, collect, report and remit the correct taxes to the appropriate tax authorities. We are not responsible for withholding, collecting, reporting, or remitting any sales, use, value added, or similar tax arising from your purchase of THS.

11. Representations and Warranties

By sending ETH or BTC to purchase THS from us, you represent and warrant that:

- a. You have read and understand these Terms (including all Exhibits);
- b. YOU ACKNOWLEDGE AND AGREE THAT THERE ARE RISKS ASSOCIATED WITH PURCHASING THS, OWNING THS, AND USING THS FOR THE PROVISION OR RECEIPT OF SERVICES IN THE THS Mining INCLUDING (BUT NOT NECESSARILY LIMITED TO) THE RISKS DESCRIBED IN EXHIBIT C;
- c. You have sufficient understanding of technical and business matters (including those that relate to the Services), cryptographic tokens, token transactions, token storage mechanisms (such as token wallets), and blockchain technology to understand these Terms and to appreciate the risks and implications of purchasing THS, including but not limited to
 - (i) the irreversibility of transactions
 - (ii) that in the event you improperly send tokens to the incorrect address it may result in loss of the tokens
 - (iii) that you must keep your private key(s) secret, because anyone who you share your private key with will be able to send tokens from that address





d. You understand the restrictions and risks associated with the creation of THS as set forth herein, and acknowledge and assume all such risks;

e. You have obtained sufficient information about the THS, the Services and the THS Mining to make an informed decision to purchase THS, and participate in the development of THS Mining before its launch. You understand that by participating in this token sale the tokens to be received are ERC-20 tokens.

f. You understand that the THS confer only the right to provide and receive Services in THS Mining and to contribute to the technical development of the THS Mining), and confer no other rights of any form with respect to the THS Mining, including, but not limited to, any ownership, distribution, redemption, liquidation, proprietary (including all forms of intellectual property), or other financial or legal rights;

g. You are being aware of the commercial risks associated with the Company. You are not purchasing THS for any other purposes, including, but not limited to, any investment, speculative or financial purpose;

h. Your purchase of THS complies with applicable laws and regulations in your jurisdiction, including, but not limited to,

- (i) legal capacity and any other threshold requirements in your jurisdiction for the purchase of the THS and entering into contracts with the Company,
- (ii) any foreign exchange or regulatory restrictions applicable to such purchase, and
- (iii) any governmental or other consents that may need to be obtained;

i. You will comply with any applicable tax obligations in your jurisdiction arising from your purchase of THS;

j. If you are purchasing THS on behalf of any entity, you are authorized to accept these Terms on such entity's behalf and that such entity will be responsible for breach of these Terms by you or any other employee or agent of such entity (references to "you" in these Terms refer to you and such entity, jointly);

k. You are not (i) a citizen or resident of a geographic area in which access to or use of the Services or the acceptance of delivery of the THS is prohibited by applicable law, 6 decree, regulation, treaty, or administrative act, (ii) a citizen or resident of, or located in, a geographic area that is subject to U.S. or other sovereign country sanctions or embargoes, or (iii) an individual, or an individual employed by or associated with an entity, identified on the U.S. Department of Commerce's Denied Persons or Entity List, the U.S. Department of Treasury's Specially Designated Nationals or Blocked Persons Lists, or the U.S. Department of State's Debarred Parties List. You agree that if your country of residence or other circumstances change such that the above representations are no longer accurate, that you will immediately cease using the Services. If you are registering to use the Services on behalf of a legal entity, you further represent





and warrant that (i) such legal entity is duly organized and validly existing under the applicable laws of the jurisdiction of its organization, and (ii) you are duly authorized by such legal entity to act on its behalf.

12. Indemnification

(a) To the fullest extent permitted by applicable law, you will indemnify, defend and hold harmless the Company and our 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 (the "Company Parties") from and against all claims, demands, actions, damages, 16 losses, costs and expenses (including attorneys' fees) that arise from or relate to (i) your purchase or use of the Tokens, (ii) your responsibilities or obligations under these Terms, (iii) your violation of these Terms, or (iv) your violation of any rights of any other person or entity.

(b) Company reserves the right to exercise sole control over the defense, at your expense, of any claim subject to indemnification under Section 14(a). This indemnity is in addition to, and not in lieu of, any other indemnities set forth in a written agreement between you and the Company.

13. Disclaimers

a. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW AND EXCEPT AS OTHERWISE SPECIFIED IN A WRITING BY US, (A) THE THS ARE SOLD ON AN "AS IS" AND "AS AVAILABLE" BASIS WITHOUT WARRANTIES OF ANY KIND, AND WE EXPRESSLY DISCLAIM ALL IMPLIED WARRANTIES AS TO THE THS, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NONINFRINGEMENT, (B) WE DO NOT REPRESENT OR WARRANT THAT THE THS ARE RELIABLE, CURRENT OR ERROR-FREE, MEET YOUR REQUIREMENTS, OR THAT DEFECTS IN THE THS WILL BE CORRECTED, AND (C) WE CANNOT AND DO NOT REPRESENT OR WARRANT THAT THE THS OR THE DELIVERY MECHANISM FOR THS ARE FREE OF VIRUSES OR OTHER HARMFUL COMPONENTS. b. Some jurisdictions do not allow the exclusion of certain warranties or disclaimer of implied terms in contracts with consumers, so some or all of the exclusions of warranties and disclaimers in this Section 15 may not apply to you.

14. Limitation of Liability

a. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW (I) IN NO EVENT WILL THE COMPANY OR ANY OF THE COMPANY PARTIES BE LIABLE FOR ANY INDIRECT,





SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES OF ANY KIND (INCLUDING, BUT NOT LIMITED TO, WHERE RELATED TO LOSS OF REVENUE, INCOME OR PROFITS, LOSS OF USE OR DATA, OR DAMAGES FOR BUSINESS INTERRUPTION) ARISING OUT OF OR IN ANY WAY RELATED TO THE SALE OR USE OF THE TOKENS OR OTHERWISE RELATED TO THESE TERMS, REGARDLESS OF THE FORM OF ACTION, WHETHER BASED IN CONTRACT, TORT (INCLUDING, BUT NOT LIMITED TO, SIMPLE NEGLIGENCE, WHETHER ACTIVE, PASSIVE OR IMPUTED), OR ANY OTHER LEGAL OR EQUITABLE THEORY (EVEN IF THE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND REGARDLESS OF WHETHER SUCH DAMAGES WERE FORESEEABLE), AND (II) IN NO EVENT WILL THE AGGREGATE LIABILITY OF THE COMPANY AND THE COMPANY PARTIES (JOINTLY), WHETHER IN CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE, WHETHER ACTIVE, PASSIVE OR IMPUTED), OR OTHER THEORY, ARISING OUT OF OR RELATING TO THESE 17 TERMS OR THE USE OF OR INABILITY TO USE THE TOKENS, EXCEED THE AMOUNT YOU PAY TO US FOR THE TOKENS. b. THE LIMITATIONS SET FORTH IN SECTION 16(a) WILL NOT LIMIT OR EXCLUDE LIABILITY FOR THE GROSS NEGLIGENCE, FRAUD OR INTENTIONAL, WILLFUL OR RECKLESS MISCONDUCT OF THE COMPANY. c. Some jurisdictions do not allow the limitation or exclusion of liability for incidental or consequential damages. Accordingly, some of the limitations of this Section 16 may not apply to you.

15. Release

To the fullest extent permitted by applicable law, you release the Company and the other Company Parties from responsibility, liability, claims, demands and/or damages (actual and consequential) of every kind and nature, known and unknown (including, but not limited to, claims of negligence), arising out of or related to disputes between participants in the THS Mining and the acts or omissions of any third parties.

16. Dispute

a. Binding Arbitration. Except for any disputes, claims, suits, actions, causes of action, demands or proceedings (collectively, "Disputes") in which either Party seeks to bring an individual action in small claims court or seeks injunctive or other equitable relief for the alleged unlawful use of intellectual property, including, without limitation, copyrights, trademarks, trade names, logos, trade secrets or patents, you and the Company (i) waive your and the Company's respective rights to have any and all Disputes arising from or related to these Terms resolved in a court, and (ii) waive your and the Company's





respective rights to a jury trial. Instead, you and the Company will arbitrate Disputes through binding arbitration (which is the referral of a Dispute to one or more persons charged with reviewing the Dispute and making a final and binding determination to resolve it instead of having the Dispute decided by a judge or jury in court).

b. No Class Arbitrations, Class Actions or Representative Actions. Any Dispute arising out of or related to these Terms is personal to you and the Company and will be resolved solely through individual arbitration and will not be brought as a class arbitration, class action or any other type of representative proceeding. There will be no class arbitration or arbitration in which an individual attempts to resolve a Dispute as a representative of another individual or group of individuals. Further, a Dispute cannot be brought as a class or other type of representative action, whether within or outside of arbitration, or on behalf of any other individual or group of individuals.

c. Federal Arbitration Act. The enforceability of this Section 18 will be both substantively and procedurally governed by and construed and enforced in accordance with the Federal Arbitration Act, 9 U.S.C. § 1 et seq. (the “FAA”), to the maximum extent permitted by applicable law. 18

d. Notice; Informal Dispute Resolution. Each Party will notify the other Party in writing of any arbitrable or small claims Dispute within thirty (30) days of the date it arises, so that the Parties can attempt in good faith to resolve the Dispute informally. Notice to the Company shall be sent by e-mail to the Company at business@thsmining.com. Notice to you shall be by email to the email address you provide to us. Your notice must include (i) your name, postal address, email address and telephone number, (ii) a description in reasonable detail of the nature or basis of the Dispute, and (iii) the specific relief that you are seeking. If you and the Company cannot agree how to resolve the Dispute within thirty (30) days after the date notice is received by the applicable Party, then either you or the Company may, as appropriate and in accordance with this Section 18, commence an arbitration proceeding or, to the extent specifically provided for in Section 18(a), file a claim in court.

e. Process. Any arbitration will occur in King County, Washington. Arbitration will be conducted confidentially by a single arbitrator in accordance with the rules of the Judicial Arbitration and Mediation Services (“JAMS”), which are hereby incorporated by reference. The state and federal courts located in King County, Washington will have exclusive jurisdiction over any appeals and the enforcement of an arbitration award. You may also litigate a Dispute in the small claims court located in the county where you reside if the Dispute meets the requirements to be heard in small claims court.





f. Authority of Arbitrator. As limited by the FAA, these Terms, and the applicable JAMS rules, the arbitrator will have (i) the exclusive authority and jurisdiction to make all procedural and substantive decisions regarding a Dispute, including the determination of whether a Dispute is arbitrable, and (ii) the authority to grant any remedy that would otherwise be available in court; provided, however, that the arbitrator does not have the authority to conduct a class arbitration or a representative action, which is prohibited by these Terms. The arbitrator may only conduct an individual arbitration and may not consolidate more than one individual's claims, preside over any type of class or representative proceeding or preside over any proceeding involving more than one individual.

g. Rules of JAMS. The rules of JAMS and additional information about JAMS are available on the JAMS website. By agreeing to be bound by these Terms, you either (i) acknowledge and agree that you have read and understand the rules of JAMS, or (ii) waive your opportunity to read the rules of JAMS and any claim that the rules of JAMS are unfair or should not apply for any reason.

17. Governing Law and Venue These Terms will be governed by and construed and enforced in accordance with the laws of the state of Washington, without regard to conflict of law rules or principles (whether of the state of Washington or any other jurisdiction) that would cause the application of the laws of any other jurisdiction. Any Dispute between the Parties arising out of or relating to these Terms that are not subject to arbitration or cannot be heard in small claims court will be resolved in the 19 state or federal courts of the state of Washington and the United States, respectively, sitting in King County, Washington.

18. Severability. If any term, clause or provision of these Terms is held unlawful, void or unenforceable, then that term, clause or provision will be severable from these Terms and will not affect the validity or enforceability of any remaining part of that term, clause or provision, or any other term, clause or provision of these Terms.

19. Miscellaneous. These Terms constitute the entire agreement between you and us relating to your purchase of Tokens from us. We may assign our rights and obligations under these Terms. Our failure to exercise or enforce any right or provision of these Terms will not operate as a waiver of such right or provision. We will not be liable for any delay or failure to perform any obligation under these Terms where the delay or failure results from any cause beyond our reasonable control. Purchasing Tokens from us does not create any form of partnership, joint venture, or any other similar relationship between you and us. Except as otherwise provided in herein, these Terms are intended solely for the benefit of





you and us and are not intended to confer third-party beneficiary rights upon any other person or entity. You agree and acknowledge that all agreements, notices, disclosures, and other communications that we provide to you, including these Terms, will be provided in electronic form.

16 Legal opinion

Please consider this letter as the legal opinion in regard to The Hash Speed (THS) Token Initial Exchange Offerings made (hereinafter THS IEO) by THS Mining Ltd. UK (incorporated under the laws of the United Kingdom with registration number: 12583675) having legal address at 20-22 WENLOCK ROAD, LONDON, M1 7GU. This legal Opinion is prepared by Imrankhan Nagori (incorporated under the laws of the UK) on behalf of the Company. The purpose of the present document is to provide you with our private Professional opinion in respect to compliance of White Paper and THS IEO with applicable British legislation. The Opinion is subject to limitations, assumptions and disclaimers defined herein.

16.1 Documentation

For the purposes of issuance of this Opinion, we have examined the following documents (hereinafter the Documentation):

- White Paper of The Hash Speed.
- Civil code of UK
- Law of UK on Entrepreneurs of UK.
- Law of UK on Licenses and Permits.
- Law of UK on Securities Market.
- Law of UK on Cheques.
- Law of UK on Bills of Exchange.
- Law of UK on Promotion and Guarantees of Investment Activity.
- The warning of the National Bank of London, 01.08.2020 Such other laws, regulations, certificates, and documents as we have considered necessary or desirable to examine.





16.2 Assumptions and disclaimers

This Opinion is meant to serve as our legal analysis of the THS IEO and conclusion are limited to the matters expressly stated herein, are fully based on information and material furnished to us by the Company, and no opinion or conclusion is to be inferred or may be implied beyond the opinions and conclusions expressly set forth herein.

This Opinion is written in good faith, and cannot be deemed as guarantee or obligation, ground of liability of the present document, specifically with respect to its consideration by courts, authorities and in litigation proceedings, as they may have different views that those expressed in the Opinion.

It should be noticed that the legal analysis herein may be updated in the future as the law in this area develops. Furthermore, the below analysis is strictly theoretical, as no cases that we are aware of, which are relevant to the subject matter, have been tested yet in courts to date and regulatory 25 authorities of India does not determine a clear approach to crypto currencies (including IEOs) regulations. Therefore, we do not issue any opinion or predictions in respect to possible future regulations of crypto currencies by the respective regulatory authorities or potential interpretation of the matter by court and/or authorities.

The Opinion speaks only at and of its date and is based solely on the Documentation and further information provided by the Company. Except as stated in this Opinion, without any independence verification or investigation, THS Mining Ltd. UK have assumed that:

Information (including factual circumstances, documents) supplied by the Company is true, complete and accurate and the Company warrants, endorses, guarantees, and assumes liability on accuracy and reliability of the provided information; and We assume the genuineness of all signatures on all documents forming part of supplied documents

For the purposes of issuance of the Opinion we have assumed without further inquiry that all factual circumstances stated in the White Paper are a true and correct representation of actual circumstances surrounding the White Paper and insofar as such factual circumstances are not or may turn out to be not true and correct, they will have no adverse effect on the opinions stated herein. Further, and for the avoidance of doubt, we



understand and state herein that our instructions do not amount to: Comment on the commerciality of the transactions/arrangements to which the White Paper refers; and/or Comment on the legal implications of the White Paper and transactions mentioned therein where they are governed by a law other than that of India; and/or Comment upon technical affairs of the Company. Furthermore, this Opinion approaches only legal and documental aspects of the White Paper and transactions mentioned therein and therefore no factual, physical or real situations have been examined and no verification has been done in order to confirm the factual accuracy of the information provided save as stated in this Opinion.

We do not express any opinion herein concerning any law other than UK law. No opinion is expressed herein with respect to the qualification of any matters herein under laws of any foreign jurisdiction.

For the purposes of this Opinion, the “Laws of India” shall mean the constitution of India and all laws, decrees, regulations, instructions, orders and other normative acts of the country of India which are officially and actually published (irrespective of notation of the publication date) and are effective on or prior to the date hereof. This Opinion does not constitute an advice or recommendation in respect of any transactions within the scope of THS IEO and should not be treated as such.

Under no circumstances THS Mining Ltd. Legal or its affiliates, partners shall be liable, in contract, tort (including negligence) or otherwise, for any direct, indirect, special, incidental, exemplary or consequential loss, damages resulted from reliance on this opinion. We are not responsible to any entity or natural person for decisions made based on the Opinion in respect to any and all transactions within the scope of IEO proposed by the Company.

Any unauthorized use of the content contained in this Opinion may violate copyright laws, confidentiality, and/or other regulations. None of the content shall be applicable to other legal entities or natural persons rather than the Company. Given the nature of and speed with which IEOs and Blockchain technologies are developed and since legal advice must be tailored to the specific circumstances of each case, and laws are permanently changing, the opinions and thoughts enclosed in this Opinion are of a current nature and might be subject to change after issuance of the Opinion. THS Mining Ltd, Legal does not guarantee the accuracy, adequacy, validity, reliability, availability or completeness of any





information provided herein after issuing of this opinion. We assume no obligation to revise or supplement this Opinion or advise you of any changes in any matter set forth herein after the effective date of this legal Opinion.

Any disputes or matters arising out of or related to use of this Opinion shall be governed under the laws of UK without regard to the conflict of laws and provisions thereof. Any legal proceeding arising under or in relation to this Opinion shall be resolved in the competent courts of UK according to the Laws of UK.

16.3 Validity and Enforceability of White Paper

The prescribed business plan in the form as provided in the White Paper prescribed hereto, should not contradict to statutory provisions of London legislation, general legal principles set out therein and to Civil Code of UK, which determines the legal framework for contracts and relationships of civil character. Therefore, White Paper transactions mentioned therein are valid and enforceable do to the following:

16.4 Regulatory authority

Currently neither the National Bank of UK nor any other British public authority regulates or supervises the transactions or operations by means of or related to cryptocurrencies. According to Article 3 of Law on National Bank of London, is the National Bank of London (hereinafter the NBL) responsible for implementation of monetary policy in accordance with the main directions of the monetary and foreign exchange policy defined by the Parliament of UK. Also, it is a supervision body over the financial system and protecting the rights of the financial sector's consumers as well as investors.

In such circumstances and having regard to the fact that IEO is perceived as a set of financial transactions which involves public offering of virtual assets and participation of investors, White Paper and transactions mentioned therein should have been subject to the authority of the NBL.

However, nothing in British legislation indicates that organizers of the IEOs are accountable to the NBL. Neither there is any reference that the NBL regulates IEOs. Furthermore, the NBL made a public statement where it advised the citizens of Britian that "cryptocurrencies





are beyond National Bank's scope of regulations. Though the statement is dated back by 20 December 2017, nothing contrary has been stated since then.

16.5 Investment securities

The Tokens and IEO in question may be subject to Securities Law (as defined below), however it is not de facto regulated by the National Bank of London. According to National Bank of London, the mining as well as trading by the cryptocurrencies is not regulated in any way by the NBL. According to the Law of UK on Securities Market ("Securities Law"), the security (securities) are defined as transferable financial instruments and rights that may be publicly offered in the form of equity securities or debt securities (or their combination) or that may be converted into such securities, or that carry the right to subscribe or to purchase such securities, and investment contracts and other instruments and rights related to securities. Pursuant to the Securities Law, the security may be dematerialized, which means that it is not available in paper form but exists in the form of a record in the securities register or in the records of nominee holders in the name of the registered owner or the nominee holder. The publicly traded securities are considered a class of securities offered by way of public offering and/or admitted for trading on stock exchange.

Securities can be categorized into two broad groups:

1. Equity securities
2. Debt securities.

According to the Securities Law, the equity securities mean a security confirming the ownership interest of the owner in an enterprise, while debt securities means a security that confirms the right to receive a specified principal amount, with or without interest, debt securities include government securities.

According to the White Paper at issue, the Token Holders (as defined in the White Paper) do not become the shareholder of the legal entity – THS Mining Ltd. UK by receiving the ownership title in the Tokens. None of the rights of the Token Holders constitute the right of a shareholder as defined in British Law. According to the White Paper token holders are entitled to certain compensation from the Company (compensation in the form of allocation





of additional Tokens, etc.). We are of the opinion that such compensation does not constitute dividends as per British legislation. Therefore, THS Token shall not be classified as equity securities. Furthermore, THS Tokens do not confirm any right of Token holders for receiving the principal amount (with or without interest) from the Company or any other third party based solely on such ownership title. Thus, the Tokens shall not be qualified as debt securities. We are not aware of any fact of NBL treating crypto currencies as investment securities requiring their offering to be subject to the relevant regulations applicable to investment securities under British Law.

16.6 Public offering of securities

Since as stressed above THS Tokens are not supposed to be qualified as investment securities, their offerings to the public via THS IEO shall not be deemed as public offer of investment securities subject to NBL approval and supervision.

16.7 Intangible assets

British law does not provide any definition of crypto currency. However, we believe that the nature of crypto currencies includes characteristics of intangible assets as defined by the Civil Code of UK.

16.8 License and Permits

Under the Law of UK on Licenses and Permits, the cryptocurrency mining and/or trading of cryptocurrency is not considered as activities subject to any licenses and/or permit. Therefore, the Company does not require any license and/or permit in respect to conducting THS IEO.





17 Anti Money Laundering (AML) Policy

17.1

THS is strongly committed to preventing the use of its operations for money laundering or any activity which facilitates money laundering, or the funding of terrorist or criminal activities.

17.2

On a global level, in order to prevent and combat money laundering and terrorism financing, there has been an introduction of the number of laws concerning the customer identification and verification procedures including but not limited to the EU AMLD5 Directive, which brings the virtual currencies under the scope of the Anti-Money Laundering Directive.

17.3

In the United States regulation of the AML is carried out by a special government body under the US Treasury – FinCEN. In particular, FinCEN regulates, so-called, "money services business" (MSB). In 2013 FinCEN published the clarification on the regulation of persons administering, exchanging or using virtual currencies bringing the businesses dealing with virtual currencies under the scope of AML/KYC in terms of spotting suspicious financial behavior.

17.4

In order to ensure that our operations are compliant with the AML/KYC rules and procedures, we are implementing the AML/KYC policies detailed below.

17.5

As part of our AML (Anti-Money Laundering) Policy in order to combat money laundering and illegal financing activities the Company follows the customer risk assessment principles that include but are not limited to the following: – raise awareness on money laundering issues; – appoint a designated CCO. The CCO is to report any suspicious transactions to the appropriate Financial Authority; – assist law agencies and authorities to trace, seize, and confiscate the proceed of criminal activities; – freeze any funds deemed suspicious and investigate the source of finance; – introduce a Know-Your-Customer



Policy (KYC); – exercise reasonable measures to obtain information about the true identity of the persons on whose behalf a transaction is made; – record keeping procedures – maintain, for a specific time period, all necessary records on transactions, both domestic and international; – pay special attention to all complex, unusually large transactions; – adopt economic, administrative, self-regulatory and other measures which can be taken to create an effective shield against money laundering; – train staff accordingly; – employ proper care in the hiring of new staff.

17.6

As part of the customer risk assessment, the following will act as Money Laundering Warning Signs based on guidance provided by Financial Action Task Force (FATF) – international body set up to combat money laundering: – customer tells that the funds are coming from one source but then at the last minute the source changes; – evasiveness or reluctance to provide information; – incomplete or inconsistent information; – unusual money transfer or transactions (e.g. when customer deposits unusual amounts (e.g. 9,990 euros) so as not to come under the threshold when KYC applies); – complex group structures without obvious explanation that may be designed to disguise the true source and ownership of money; – when money is coming from the list of ‘high-risk and non-co-operative jurisdictions’ according to FATF; – negative public information available about the client or company.

17.7

The above principles and warning signs are aimed at determining the customer’s risk in terms of propensity to commit money laundering, terrorist financing or identity theft.

17.8

Every Employee is required to act in furtherance of this policy statement to protect the Company from exploitation by money launderers or terrorists.

17.9

Company adopts the KYC (Know-Your-Customer) Policy and reserves the right to undertake KYC in order to verify the identity of its customers at any point.





17.10

As part of the exercise of this right, the Company may require the following information to be sent: – copy of passport or national ID; – recent utility bill; – recent bank account statement 'Recent' means no longer than 3 months from date of issue.

17.11

Please note that the list above is not exhaustive and we reserve the right to require additional information at any time to verify the client's identification and to fully satisfy the latest Anti-Money Laundering rules.

17.12

The Personal Information requested as part of the KYC procedure will be collected, processed, used and stored in accordance with the General Data Protection Regulation (GDPR), rules and principles of which have been reflected in the THS Privacy Policy and implemented on the legal, technical and organizational level.

17.13

If any of the above documents are requested, prior to sending them to us we may require them to be certified as a true copy of the original by a Solicitor or a Lawyer who must use their company stamp. We require the documents to be sent to us in high quality color format. We reserve the right to reject any documents, which do not comply with the above or if we have doubts as to their veracity.

17.14

If any doubt arises we reserve the right to check the information provided, as part of the KYC Policy, using no documentary methods including but not limited to contacting the customer directly.

17.15

CCO has a right to freeze any funds already transferred should the suspicion as to the sources of those funds arise after they have been deposited and investigate the customer's transaction in retrospect.





18 Glossary

ABI (Application Binary Interface)

An interface between two binary program modules, often one program is a library and the other is being run by a user

Altcoin

Any cryptocurrency that exists as an alternative to bitcoin

API

Application programming interface (part of a remote server that sends requests and receives responses)

Bitcoin

The first, and most popular, cryptocurrency based off the decentralized ledger of a blockchain

Blockchain (Public)

A mathematical structure for storing digital transactions (or data) in an immutable, peer-to-peer ledger that is incredibly difficult to fake and yet remains accessible to anyone.

Business logic layer

A part of code that determines the rules to be followed when doing business

Casper

Consensus algorithm that combines proof of work and proof of stake. Ethereum is going to use casper as a transition to proof of stake.

CDN (Content Delivery Network)

Allows for a quick transition of assets needed to load internet content (html, js, css, etc.)

Centralized

Maintained by a central, authoritative location or group



Chaincode

A program that initializes and manages a ledger's state through submitted applications. It is the Hyperledger Fabric equivalent to Smart Contracts

Coin

Representation of a digital asset built on a new blockchain

Consensus

When a majority of participants of a network agree on the validity of a transaction

Cryptographic Hash Function

A function that returns a unique fixed-length string. The returned string is unique for every unique input. Used to create a "digital ID" or "digital thumbprint" of an input string.

Dapps

Decentralized Applications

Decentralized

The concept of a shared network of dispersed computers (or nodes) that can process transactions without a centrally located, third-party intermediary.

Digital Asset

Any text or media that is formatted into binary source

Digital signature

A mathematical scheme used for presenting the authenticity of digital assets

Distributed Ledger

A database held and updated independently by each participant (or node) in a large network. The distribution is unique: records are not communicated to various nodes by a central authority,

ERC

Ethereum request for comments standard





Ethereum

Blockchain application that uses a built-in programming language that allows users to build decentralized ledgers modified to their own needs. Smart contracts are used to validate transactions in the ledger.

Fork

Alters the blockchain data in a public blockchain.

Gas (Ethereum)

Measures how much work an action takes to perform in ethereum

Genesis Block

The initial block within a blockchain.

Governance

The administration in a blockchain company that decides the direction of the company

Hard Fork

Alters the blockchain data in a public blockchain. Requires all nodes in a network to upgrade and agree on the new version.

Hash function

A function that maps data of an arbitrary size

Hyperledger

Started by the Linux Foundation, Hyperledger is an umbrella project of open source blockchains

Initial Exchange Offering (IEO)

The form in which capital is raised to fund new cryptocurrency ventures on exchange directly. Modeled after an Initial public offering (IPO). Funders of an IEO receive tokens in exchange wallet.

IPFS





Inter Planetary File System

Merkle Tree

A tree in which every leaf node is labelled with the hash of a data block and every non-leaf node is labelled with the cryptographic hash of the labels of its child nodes.

Mining

The act of validating Blockchain transactions. Requires computing power and electricity to solve "puzzles". Mining rewards coins based on your computing power

Mining pool

A collection of miners who come together to share their processing power over a network and agree to split the rewards of a new block found within the pool.

Node

A copy of the ledger operated by a user on the blockchain

Nonce

A number only used once in a cryptographic communication (often includes a timestamp)

Ommmer (aka Uncle)

A block which has been completely mined but has not yet been added to the Blockchain.

P2P (Peer to Peer)

Denoting or relating to computer networks in which each computer can act as a server for the others, allowing shared access to files and peripherals without the need for a central server

PKI (Public Key Infrastructure)

A set of roles, policies, and procedures needed to create, manage, distribute, use, store, and revoke digital certificates and manage public-key encryption.

Private Blockchain

Blockchain that can control who has access to it. Contrary to a public blockchain a Private Blockchain does not use consensus algorithms like POW or POS, instead they use a





system known as byzantine fault tolerant(BFT). BFT is not a trustless system which makes a BFT system less secure.

Proof of Activity

Active Stakeholders who maintain a full node are rewarded

Proof of Burn

Miners send coins to an inactive address essentially burning them. The burns are then recorded on the blockchain and the user is rewarded.

Proof of Stake (POS)

A consensus algorithm that chooses the owner of a new block based on the wealth they have or (Stake). There is not a block reward so the forgers take the transaction fee.

Proof of Work (POW)

A consensus algorithm which requires a user to “mine” or solve a complex mathematical puzzle in order to verify a transaction. “Miners” are rewarded with Cryptocurrencies based on computational power.

Public key cryptography

Encryption that uses two mathematically related keys. A public and private key. It is impossible to derive the private key based on the public key.

Smart Contract

Self executing contract with the terms of agreement written into the code

Solidity

Solidity is a contract-oriented programming language for writing smart contracts. It is used for implementing smart contracts on various blockchain platforms.

Token

Representation of a digital asset built on an existing blockchain

UTXO (Unspent Transaction Outputs)





Unspent transaction outputs are used to determine whether a transaction is valid

Wallet

Stores the digital assets you own.

19 Important Links

Company Name : THS mining Limited

20-22 Wenlock Road,
London, N1 7GU, UK

Company Website : <https://thehashspeed.com/>
<https://thsminings.com/>

Github Source Code: <https://github.com/immykhan777/TheHashSpeed/blob/master/ths.sol>

Explorer: <https://etherscan.io/address/0xD0Df51CeC800D1F8045722377f6faceba8d15A4d>

Bitcointalk Thread: <https://bitcointalk.org/index.php?topic=5267283>

Telegram Group: <https://t.me/TheHashSpeed>

Facebook: <https://www.facebook.com/TheHashSpeed>

Instagram: <https://instagram.com/thehashspeed>

Twitter: <https://twitter.com/thehashspeed>

Youtube:

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