



ABSOLUTE SECURITY LEVEL

WHITEPAPER



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## ○ ABSTRACT ○

The last hundred years of world history were marked by rapid development of the financial and banking sphere, which predetermined the emergence of electronic money. Many economists are inclined to believe that the paper money in general disappear in the future, and be replaced by electronic money, i.e, essence of money remains the same, but their form will be changed: money will be transferred to the sphere of virtual reality, will become "invisible". The place of electronic money in modern monetary theory is still ambiguous, but in practice, virtual cash is rapidly becoming the currency of the world economy and its financial markets. Transformation of money types is conditioned by the influence of the permanent development of society.

With the invention of the first PCs at the end of the last century, along with popularization of the Internet, a new stage in the development of both technologies and the whole humanity began. It took just 20 years for the Internet to fully take root in our lives, and now, modern people don't imagine their life without it. Technology does not stand still, and now even the most simple smartphone is already superior to the power of computers of 80-90s, which allows, in addition to the increased speed of the internet, to use these products in all modern fields of human activities, ranging from economy and ending the entertainment industry.

Bitcoin in 2009 marked another stage in human development - the generation of decentralized digital currencies, created and operated only on the Internet, was appeared. Not only Bitcoin became the revolutionary innovation, but also blockchain which it runs on. Blockchain is undoubtedly one of the most significant inventions along with the computer and the Internet - is a breakthrough with a very large-scale consequences that affect not only the sphere of finance, but also many other industries. Already today you can see how many small and large organizations are moving to blockchain. Nowadays, every company is connected to the outside world via the Internet and while digital data has revolutionized the way organizations go, hackers find opportunities to substitute or steal customer data and commit fraudulent transactions. To protect information governments had provided tightening of identification of person in the form of Know Your Customer (KYC) and Customer Identification Program (CIP).

Blockchain is going to help us to solve all of these problems. It is a distributed database, which has a storage device not connected to a common server. This database stores the growing list of ordered records, called blocks. Each unit contains a time stamp and a link to the previous unit. Encryption ensures that users can change only those parts of the chain blocks, which they "own", in the sense that they have private keys, without which the record in the file is not possible. All the information is stored in the blockchain and it can not be forged or deleted. The widespread implementation of the blockchain in all modern industries will allow to get rid not only from hackers, but also from corruption. Application of the blockchain in education is going to exclude the possibility of forgery of diplomas and to simplify the proof of the legitimacy of the same diploma that will eliminate in the future work of the unskilled or conforming their office staff. Now such a huge company, as IBM (one of the world's largest manufacturers and suppliers of hardware and software), and

Maersk (Danish company, operating in various sectors of the economy, for the most part known to the port and freight shipping business) announced plans to establish a joint venture to provide more efficient and safe methods for conducting global trade with the use of blockchain technology. There are many similar examples.

In the same time, we lost confidentiality. Not a long time ago it was considered Bitcoin is completely anonymous, but in fact it's not. Companies such as Bitfury Group now can interlink addresses and this feature is called "clustering".

Clustering of bitcoin-addresses is the process of uncovering Bitcoin users by analyzing the data of the blockchain. So, besides analyzing of the blockchain, data outside the chain will be considered and collated, for example, public information on the Internet. It means, that it will help researchers to minimize mistakes, untrusted sources and will give them the greatest accuracy of results. Bitfury focuses on the struggle with criminals, but it is necessary to understand that this way to deanonymization can be applied to any of Bitcoin owners.

Cryptocurrency carried the idea of decentralization and confidentiality, but if decentralization still exists, confidentiality already doesn't. Also Bitcoin faces with challenges of scalability, which in turn leads to expensive service fee and reduces transaction speed. The Governments of many countries are diligently working on the establishment of the total monitoring and controlling the movement of their citizen's money, under the slogan "If a person has something to hide, then he is a criminal or at least, is sheltered from taxes". Tightening control of cryptocurrency markets by various regulators in 2017-2018 makes people to look for the new means of payment for goods and services through the Internet in order to maintain personal privacy. To solve this problem a range of anonymous coins was developed.

Having analyzed the issue of increasing influence of electronic money in the world economy, having studied the mechanisms of emergence and functioning of cryptocurrencies in details, it can be stated that future belongs to cryptocurrencies.

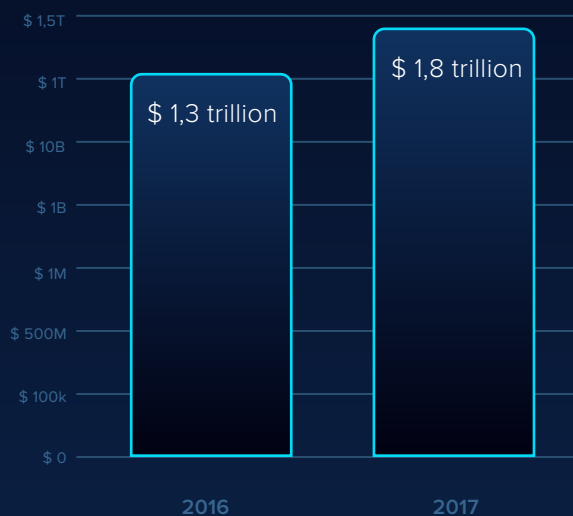
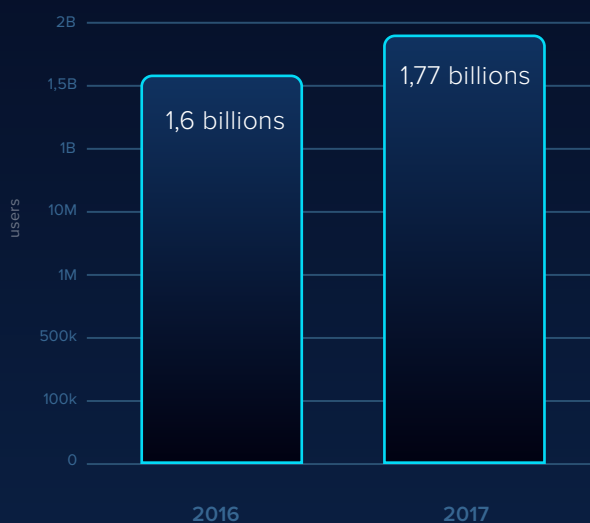
Some years ago it was just innovation in the financial world and now its positions become stronger day by day. The recognition and legalization of digital money is only a matter of time.



Growing number of altcoins

## PROBLEMS

According to recent research published on 30 January 2018 under the name "Digital in 2018", conducted by the social media management Hootsuite platform and global creative agency We Are Social, about 1.77 billion Internet users purchased consumer goods on the Internet in 2017 - 8% more than in the previous year. In total, consumers have spent 1,474 trillion dollars on e-commerce platforms over the past 12 months, which is in 16% more than in 2016 year.



Since the purchases on the Internet have become a part of everyday life for the millions of people, Internet-economy had grown greatly. The appearance of the numerous marketplaces for selling goods and services on the Internet gives impetus to the development of e-commerce. Thus, today the digital sector of the economy plays the key role in the economic growth in whole. Along with a growth of the e-commerce market cryptocurrencies get more and more payment shares in it. But, digital assets market is still young and its influence is not fully-represented yet.

The problem is that it is still difficult for ordinary buyers to acquire cryptocurrency and for sellers to connect and configure their own online stores to blockchain. Also many people are worried by lack of security of cryptocurrency payments.

An important aspect that needs improvement is the acquisition of various cryptocurrencies. People are forced to pay huge fees for converting fiat money, take risks using suspicious exchange instruments looking for ways to reduce charges. Besides, cause of restricting policy of regulators, in recent months citizens of some countries got their bank accounts blocked because of their operations with cryptocurrencies. Increasing popularity of cryptocurrencies as payment means leads to appearance of new exchanges, but 98% of them are centralized, which means people's money and personal data are stored directly at the exchange accounts. P2P can alleviate the situation, but most of them are functioning only as trading platforms, that unite users, but do not solve transaction security issues.

At the moment, transactions fees of some cryptocurrencies may reach really impressive sums. Besides, during the peaks of network activity even the fastest coins make us to wait for transaction confirmation more than 10 minutes. These and other factors significantly complicate the procedure of applying microtransations in everyday life. Just imagine, your morning coffee price can change simply till coffee-shop owner will get payment in cryptocurrency, and, between this, sometimes your coffee will be already cold to the moment money reaches recipient. Or, for example, sometimes you should pay 10\$ of transaction fees buying any item for 1\$ in the online-store.

Sonder Project was developed to solve these problems.

## SONDER CAPACITY:



- to simplify the procedure of payment for goods and services by cryptocurrencies. For this, we create the set of tools (SDK, API), which will allow to connect cryptocurrency wallets in few clicks to online stores, trading platforms and other resources on the Internet, where the fee is charged and customize it;



- to make it convenient to enter and withdraw the fiat money through our platform. We plan to place a P2P service that will allow people from all over the world to exchange cryptocurrencies for fiat and turn back with a minimum charge;



- to increase security and data transfer speed. Technological features will allow you to make transactions instantly with zero fees, and wide range of privacy settings will help to stay anonymous, if necessary.

Our goal is to bring the blockchain closer to people, make use of its infrastructure as simple and clear as possible, Internet business to create the most comfortable conditions for using cryptocurrencies.

Sonder is a system designed for adjustment financial contacts between people in the confidential and safe mode, ensuring the anonymity of using blockchain, fast and secure transactions between different blockchains.

If special Sonder security modes are enabled, senders and recipients of funds cannot be linked. Wallets owners will be able to ensure the confidentiality of their accounts, which is especially relevant in the conditions of actively provided KYC procedure.



At the first stages Sonder will act as an independent project, but its ultimate goal is the development of the API (application programming interface) and SDK (software development kit) that are convenient for other projects. So, if the online-store owner desires to connect a blockchain based wallet to his marketplace our API set and SDK will help to apply these features with the maximum simplicity.

At the last time, tokens are given a choice primarily because of their security options. But using different cryptocurrencies is sometimes restricted by necessity to move it among the exchanges. There is no exchange, which provides ability to buy all the cryptocurrencies in one place.

Sonder Platform will provide possibilities of making payments between members in any existing cryptocurrency. Besides, due to technical features, free token swap will be available.

Sonder would become the fully open payment network, using by electronic money transfer systems, online-stores and paying bills services. The common value of these markets is estimated as several billions of dollars. The sellers will be able to choose any cryptocurrency to receive payments. In the future possibility to operate with fiat money will be added.

## SONDER TOKEN USAGE

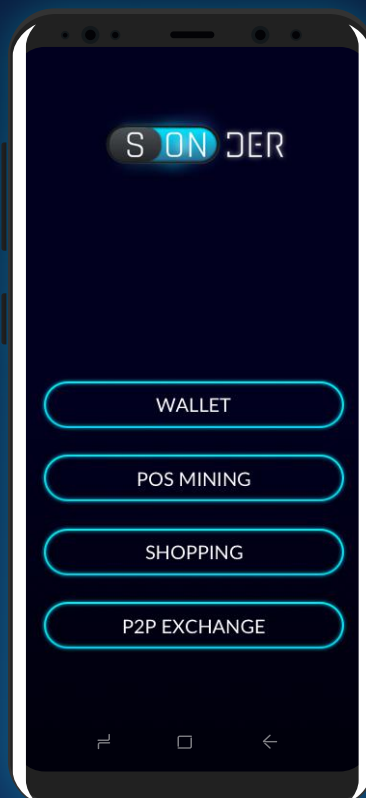
Sonder tokens are performing the function of the "fuel" for internal mechanism of interaction on the platform. All charges for providing transactions using applications are paid in SNR-tokens.

The majority of services within the framework of the platform will work using Sonder tokens. Sonder tokens are needed for the implementation of the purchase and sale of products or services, in process of which a certain cycle of financial or commercial transactions is carried out with the help of Internet technologies.

The purpose of the project is to combine the virtual and the real world and as much as possible to simplify the interaction between them, with the help of instant transactions with minimal fees even for micro-payments to increase demand for using cryptocurrency as a payment means for goods and services.

## BENEFITS FOR USERS

- the most simplified system of payments for services and goods using cryptocurrency
- connection of the cryptocurrency wallet to online-stores in one click
- API and SDK
- maximal convenience of deposits and withdrawals of fiat money through our site (P2P service)
- fast transactions
- fees for transactions are close to 0%
- anonymity
- masternodes





## ○ ADVANTAGES ○



### API (SDK)

API (Application Programming Interface) is a programming interface. In more understandable language API is a ready-made code for simplifying programmers` life. If you look at the API in general, you can find a lot of services that provide solutions for development.

SDK (Software Development Kit) is a package, that expands functionality of the program and allows another programmer to create their own programs.

The ability to connect directly to the payment systems allows to get rid of banks in the role of the mediator, as well as a consequence of get rid of the expensive fees for payments that benefits both buyers and sellers. Sonder helps to escape troubles with spending a lot of time to connect to different payment systems. Our programmers are developing the package of API and SDK tools to allow our users not to spend time for writing down hundreds of lines of codes and algorithms integrating project into their sites. The process of integration of the Sonder payment system will be simplified as much as possible.



### DATA TRANSFER SPEED

Immediate execution of transactions will be achieved due to a high speed of forming blocks, the consensus between the masternodes, reasonable emission schedule and the system-friendly rates.

When a transaction is sent to the network, the group of masternodes verifies the transaction. If a consensus is reached on the validity of the transaction, block is inserted into the blockchain, which significantly increases transaction speed compared to conventional systems.



### HIGH-YIELDING MASTERNODES

PoS is an energy-efficient way of earning a digital currency, which does not require special equipment. All that is required is to have computer, laptop or mobile device.

All you need to earn the cryptocurrency is just keep our wallet open. For example, if person has Sonder wallet running at his home computer, the wallet highlights percentage of available computing power for a decentralized network and person receives an additional reward.

Sonder will have limited number of tokens. No more tokens will be issued unlike the centralized currency system, where the money supply can be increased by the decision of a subject.

The masternode profitability calculator and other information will be published in a separate technical paper after the ICO.



### LOW TRANSACTION COSTS. 0% FEE

Sonder is ideal for commercial microtransactions and aims to reduce their cost to zero. Achieve such effective results will allow PoS and a competently built internal system "Taxation".

As the network is incredibly light, the cost of the node's operations is practically worth nothing. Transactions are processed without any fees.

It's no secret that in PoW Mining the fee for transfers depends on the miners. If you want your transaction to be included in the block before others, you have to pay more. Miners «set the minimum fee size» which you have to pay to make a transaction. In PoS Mining transaction size does not matter. The transfer fee is fixed and always stays the same. The PoS protocol was created in order to "plug holes" in the PoW protocol, the main one is the attack of owners of 51% of capacities, when large miners can dictate their terms to others.

Here your influence in the network is determined not by the quantity of capacities, but the quantity of tokens you own. Owners of nodes receive remuneration of tokens for maintenance of the means of their nodes, which reduces the fees for transactions in many times.



### WHY POS?

PoW or Proof-of-Work is one of the ways to protect against cyber attacks, for example, such as a distributed DoS attack, the main purpose of which is to overload the computer system with a large number of false requests.

But whereas the high reliability, PoW-mining requires a huge amount of electricity, which is spent on completely meaningless calculations, which have neither practical nor scientific value. Their goal is to complicate the task for those who want to hack the network. However, payments for failure for the attacker will be only electricity bills, and unearned profit from mining.

By the end of 2017, Bitcoin's crypto currency already consumed electricity as much as Ecuador, while an average transaction cost of 206 kWh was consumed per transaction. At a price of \$ 0.06 per kWh (the price in Inner Mongolia, where China's largest mining companies are located), it means that one transaction should cost at least \$ 12.36, and that lower fees are possible only thanks to investors who continue to buy crypto currency from the miners.

PoS is another way to validate transactions and to arrive to consensus in a distributed network, where each node maintains a transaction history. The main difference from PoW is that the miner, who services the network, processing and adding new blocks to the blockchain, gets a reward not from the capacity of the equipment

involved for mining, from the amount of its share in the project in the form of project tokens. The key idea behind PoS-mining is that a player who managed to buy more than half of all coins of PoS-cryptocurrency is unlikely to be interested in attacking the network and undermining the credibility of the crypto currency, as he will be the main investor interested in the success of the project and the price increase. In PoW mining, on the contrary, it would be advantageous for large pools to unite in order to control more than 51% of all capacities together, which would allow attacking the network itself, manipulating the exchange rate, increasing product volatility for more profit from selling and buying a token. In the long run, the features of PoW-mining can lead to serious difficulties and even call into question the survival of PoW-cryptocurrency.

Another important aspect is the deficit in the market of computing equipment. With explosive growth, the crypto currency in 2017 is proportional to this growth and the demand for mining equipment has increased. Shares of companies such as Nvidia take off in price, which is also proves the demand for equipment for mining. At the moment, many companies supplying computer equipment introduce limits on the sales of video cards in one hand, which increases their value in the secondary market. But with such problems do not encounter the giants for the production of cryptocurrencies, which have large direct deliveries at favorable prices, which fundamentally contradicts the idea of decentralization of the crypto currency when the computing power flows to several people.



## SECURE MULTI-SERVICE WALLET

The functions of the Sonder wallet will be truly unprecedented in terms of security, privacy and ease of use. It will be based on the latest developments in biometrics, including voice recognition.

The wallet will support all types of blockchains, and accordingly will give the opportunity to store any coins (priority from the TOP 100 Coinmarketcap). The level of security will not be lower than that of «cold» wallets (if there is no root on the android devices).

The wallet will support the function of changing the external view of addresses, and well protected chat.

In the second and subsequent stages the wallet should be a "one window" in the world of cryptocurrency. We will provide an opportunity for our users to painlessly exchange one token to another (this is a significant security element in the network, when the user can get everything in one place).

Sonder API and SDK tools will provide an opportunity for developers of other projects, for example, online-stores, integrate our wallet into their platforms.



### INCOGNITO MODE

There's a huge number of websites that is collecting personal data. If you ever put your ID and wallet address in one place, you will never stay private in the Net. Sonder ensures the real anonymity of payments. The system will have a wide range of tools for the convenience of use and maintenance of full privacy (wallet address mutation, transactions obfuscation, IP-hiding, digital signatures and other).

Incognito mode

	Sonder	Bitcoin	Ethereum	Dash	Monero
PoS	✓	✗	✗	✗	✗
API and SDK	✓	✗	✗	✗	✗
Zero FEE	✓	✗	✗	✗	✗
Masternodes	✓	✗	✗	✓	✗
Untraceable	✓	✗	✗	✗	✓
End to End Anonymity	✓	✗	✗	✗	✓
Secure Chat	✓	✗	✗	✗	✗
Unlinkable	✓	✗	✗	✗	✓
Ring Signatures	✓	✗	✗	✗	✓
Tor Network Integration	✓	✗	✗	✗	✗
Stealth Addresses	✓	✗	✗	✗	✓
P2P service for input / output of fiat money	✓	✗	✗	✗	✗
Platform for payment through of all kinds cryptocurrency	✓	✗	✗	✗	✗

# ICO TERMS AND STRUCTURE

Registration for participation in the ICO will be opened on the 10th of March 2018.



## PRIVATE SALE

Private-Sale starts on the 10th of March and will be available till March 24. During two weeks early investors will receive bonuses in the amount of up to 30% depending on the size of their investments.

Investors, contributing in the early stages, will have to pass the procedure in accordance with the SAFT (Simple Agreement for Future Tokens). Early investors will get their tokens after the crowdsale.



## PRE-SALE extended until May 21st

Pre-sale starts on the 25th of March and will last till the 10th of April. Here is the Pre-sale bonus program:


- 25-27 March - 15% bonus.  
The minimum size of investment - 10 ETH;
- 28-4 April - 10% bonus.  
The minimum size of investment - 5 ETH;
- 5 - 10 April - 5% bonus.  
The minimum size of investment - 1 ETH.



## CROWDSALE will begin on May 21

Crowdsale will begin on April 11, 2018 and will be available to all users registered at our website.

0.1 ETH will be the minimum investment amount during the crowdsale.

Token name ..... SONDER (SNR) 

Total supply ..... 240 000 000 SNR

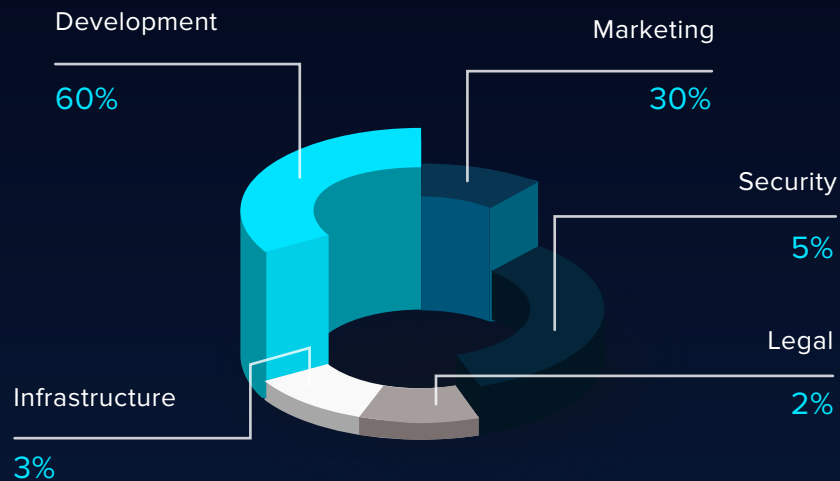
Hard cap ..... \$ 6M

1 SNR = ..... 0.00007 ETH

Currency accepted ..... ETH

## RAISED FUNDS DISTRIBUTION

All funds will be used solely for the development, promotion, and growth of the Sonder.  
Here is the preliminary allocation that may be subject to change:



All funds will be deposited in a cold wallet for maximum security and contributors will receive their tokens within 2 weeks after the closing date of the ICO.

## TOKEN DISTRIBUTION



# ROADMAP

Emergence and design of the idea



Q2 2017

Q3 2017



- team building
- company establishment
- legal issues setting
- concept development

- development of the first prototypes and wallet alpha-version
- negotiations on partnerships



Q4 2017

Q1 2018



- web-site launch
- White Paper published
- Private- and Pre-sale start

- mobile app
- explorer
- new partnerships



Q4 2018

- wallet alpha-version release
- test-net launch
- Sonder Platform alpha-version development



Q3 2018

- crowdsale
- marketing campaign
- listing to the major exchanges



Q2 2018

- mainnet launch
- wallet beta-version - release
- masternode implementation



Q1 2019

- Sonder Platform integration to electronic marketplaces
- zero fee



Q2 2019



## ○ TEAM AND ADVISORS ○



**Kenjiro Tamaki**

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General Manager at Armor Japan KK, Founder of Japan Lithuania Exchange Centre



**Jokubas Drazdas**

CEO and Co-Founder

Representative at Baltic & Arab Chamber of Commerce, Chief specialist (Financial controller) at Ministry of Finance of the Republic of Lithuania



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Developer at INVL Technology, Solution Architect at Simbiotecha, UAB



## RISKS

Cryptocurrencies are faced with the adoption of new laws around the world, regulating their turnover. New laws do not bypass and carry out token sale, which were also subject to regulation. Sonder warns participants that, we are not responsible for possible changes in the project in the event of a possible restrictions on the activities of cryptocurrency projects and token sale of various jurisdictions.

At the moment, blocking technology is still pretty innovative and has not yet been subjected to technical and legal settlements. The Sonder team is not responsible for the possible adoption by any country world laws in the field of regulation of blockchain technology, which are negative will affect the development of the project or the entire cryptoindustry.

Our team makes every effort to provide protection platform, but this is not a guarantee that the platform will not be exposed cyberattacks, from which its reputation and resources will suffer, and as a consequence the price of the token will suffer.

Investments in start-ups, cryptocurrencies and various token sales are considered high-risk. Buying Sonder project tokens does not guarantee you income and you can incur losses.

The cryptocurrency industry has high volatility today and we warn you about possible losses in case of sharp fluctuations of rates cryptocurrency. If new laws are adopted in any of the world's jurisdictions, you can oblige to pay taxes or additional fees from spent on purchase SNR tokens.

After buying SNR tokens on token sale and before starting the project, you may not be able to use tokens or sell them.

## RESPONSIBILITY

This document is intended only for the provision of information and the foregoing information or analysis is not a call to invest. This document is not an investment proposal and is not act of sale or any other call for the purchase and sale of valuable securities, as well as any other form of contract or obligation. Members should understand all the risks associated with the cryptocurrency industry and the Sonder project and taking part in token sale means that they understand and accept the risks.

1. This document provides all the basic information about the project Sonder for a holistic understanding of the idea, the principle of work and the goals set and tasks. This is not a guide for any investments in future, nor another form of contract and obligation.

2. Taking part in the project token distribution plan means that the participant understands and accepts risks of the project and is ready to bear personal responsibility for all the consequences.

3. Due to various kinds of uncertainties of digital currencies in our time, associated with the immaturity of the market in this industry, the regulation of various countries and many technical loopholes in digital currencies, the Sonder team openly declares that it does not guarantee the successful development of the project and the

return of your means spent on buying tokens.

4. TOKEN, participating in the project, is encrypted the digital code used in the transaction references. It does not represent share in the company, is not a contract or any kind of securities.

5. Although the team will make every effort to resolve the possible problems, we cannot guarantee the confident success of the project. The project has certain risk of failure and the TOKEN project, also has a risk of a return to zero.