



StoneToken ICO

White Paper

NOT FOR US CITIZENS

- Investments in real production.
- StoneToken is the Asset-backed token that is secured by 200% in real assets with market value.
- 10 mln. cubic meters of raw materials.
- Demanded product on the market of Russia and Europe.
- Complete transparency on all stages.
- Opportunity to become a founder of a manufacturing company.
- More than 5 years on the market.
- More than 80% of the collected funds will be under control of Smart Contract.



stonetoken.io

Introduction: Project overview.

1 USD=58 Rub.

StoneToken is the blockchain-based project of Tokenization of real stocks of raw materials - *the underlying asset* (crushed stone), located in Slantsy, Leningrad region of the Russian Federation and held on the balance sheet of the company " Pervaya GoK".

StoneToken is **an Asset-backed token**, which is a digital double of the real (physical) asset.

StoneToken aims to construct a plant for producing a mineral powder with the capacity of 200,000 tons/year in Slantsy city, Leningrad region, RF.

(Depending on the Fund raising, during the ICO, the plant capacity may be reduced. The minimum required amount for plant construction - \$ 2 million).

The project initiator has reserves of raw materials in amount of 10 million cubic meters, which is approximately 12.5 million of tons and the total value of **637 million rubles** (\$ 11 million). (Assessment of 07/08, 2017).

The project initiator own required industrial site for equipment installation.

Total number of StoneTokens to be issued is **10 million units (MaxCap)**. This amount is equivalent to the raw material reserved, thereby backing every StoneToken issued with real-world asset.

For **sale 7.252.000 Tokens (Hardcap)** - 74% of the total emission of Tokens minus *Bounty program*.

Project initiators shares - 26% of the *MaxCap* Tokens. Under terms of Smart Contract, use of these Tokens will be possible only after 6 months after end of ICO.

1% - ICO team bonus

2% - bounty program.

More than 80% of collected funds will be under control of Smart Contract and their withdrawal will take place ONLY upon the provision of Contracts for the manufacture and supply of equipment, construction and installation works.

Softcap -2.000.000

Hardcap - 7.252.000 Tokens.

If the amount of fees does not reach Softcap, all funds will be returned to investors.

The value of derivative StoneToken is 1 USD and is based on the assessment of 07/08, 2017 and the wholesale price on the Russian market. The retail price of 1 cubic meter of crushed stone is 300-350 rubles, which is 5,5-6 US dollars.



The cost of the Activated Mineral Powder is 20-25 US dollars. The profitability of each token - minus production costs is estimated to be between 200 - 300%.

More than 80% of collected funds will be under control of Smart Contract and their withdrawal will take place ONLY upon the provision of Contracts for the manufacture and supply of equipment, construction and installation works.

Upon successful completion of ICO each holder of Token can get the amount of crushed stone corresponding to the count of his/her Tokens.

Upon successful completion of ICO any token holder with more than 5% of the total amount issued will be entitled to owning shares in the company.

All transactions of Smart Contract are controlled at the software level, which completely excludes arbitrary withdrawal of funds!!

The BayBack of StoneToken options will start 8 months after ICO end. The BayBack will be held monthly in the amount equivalent not less than 5% of the collected funds and the price will be not lower than 2,5 US dollars per Token. The monthly amount for repurchase will increase in proportion of production growth.

Decentralized direct investments in the project through the purchase the StoneToken option will ensure independence from both the influences of the state and banking institutions, large multinational companies and ensure accountability.

StoneToken is issued on the Ethereum blockchain platform according to ERC20 standard.



Table of contents.

1. Definitions.
2. Summary of the project. Commercial component of the project.
3. Essence of the project.
4. Markets.
5. Time-line of the project and Smart Contract Stages .
6. Smart Contract.
7. Project team.
8. Conclusion.



Definitions.

Option is one of the types of a derivative; a purchase and sale contract of the basic asset (which is in our case – StoneToken) through which the buyer of the option gets the right to sell this asset for the price specified in the contract.

Underlying asset means an asset on which the financial derivative (option) is based. In our case this is the product, i.e. Mineral powder, and the derivative StoneToken.

Derivative or derivative financial instrument means a contract, under which the parties are entitled and/or undertake to make certain actions in respect of the underlying asset. The contract represents an agreement between the two parties, where under they undertake or are entitled to transfer the underlying asset in the prescribed period at the agreed price.

Token is a unit of account that is used to represent a digital balance in a certain asset. Token accounting is conducted in the database based on blockchain technology, and access to them is through special applications using electronic signature schemes.

Asset - backed tokens-digital obligations for real goods or services. A token is a digital double of a real (physical) asset or service.

Crypto-economy means the social and economic relations of the digital society, which are focused on interaction based on network protocols. Key elements of the crypto-economy include: cryptographic tokens (crypto currencies), digital assets, decentralized social security and crowd funding systems, decentralized management systems, self-executed 'smart' contracts, commercial markets for computing resources, online trust and reputation systems, consensus algorithms, etc. Option means a form of derivative, i.e. a sale and purchase contract for the underlying asset (StoneToken in our case), where under the option purchaser is entitled to purchase the asset at the agreed price within the future period stipulated in the contract.

Initial Coin Offerings or ICO is a means of collecting capital to the project through crypto investments on the initial stage (including the use of crypto currencies). Hereafter this term is referred to as the ICO.

Smart Contract is a computer protocol intended to digitally facilitate, verify, or enforce the negotiation or performance of a contract. Smart contracts allow the performance of credible transactions without third parties. Proponents of smart contracts claim that many kinds of contractual clauses may be made partially or fully self-executing, self-enforcing, or both. The aim of smart contracts is to provide security that is superior to traditional contract law and to reduce other transaction costs associated with contracting. Various cryptocurrencies have implemented types of smart contracts.

Jurisdiction is a country with beneficial legislation concerning crypto currencies, blockchain, etc. In our case this is Singapore.

Financial agent is a structure performing financial operations with crypto currencies. In our case this is Germes Systems Pte Ltd (Singapore).



Summary of the project. Commercial component of the project.

This project involves crowd funding investments in the StoneToken derivative (see the definition above), which is implemented in the form of a Smart Contract on the Ethereum blockchain platform and is provided with stocks of industrial raw materials – crushed stone, with a volume of 10 million cubic meters.

The main advantage of this project is:

- availability of own raw materials base, which will ensure the workload in at least 15-20 years.
- the cost of raw materials, which is 60 rubles/m³ (1 USD), which is 150%-200% below the market price. This gives us the opportunity to offer the products at more than competitive prices.
- constantly growing demand for mineral powder - increase of consumption since 2012 almost twice.
- Smart Contract terms that guarantee investors control over more than 80% of collected funds. Fixed assets can be withdrawn only after loading into the smart contract Contracts for the manufacture and supply of equipment.
- The project initiator has no right to make changes to White Paper after the start of Pre-ICO and ICO. The absence of changes is confirmed by the Hash Code.

More details can be found on our website – the section “FAQ”.

The BayBack of Token will occur both from the funds obtained from sale of Mineral powder, and from the funds of sale raw materials, namely crushed stone.



Essence of the project.

The essence of the project is to create a modern complex for processing raw materials in the following processing chain: rock – gravel – mineral powder.

The capacity of powder production line will depend on the amount of funds collected. The minimum amount required is \$ 2 million. USA.

Mineral powder is flour, a powder obtained by drying and grinding carbonate sedimentary rocks of chemical origin (limestone, dense, oolitic limestone, calcareous tufa, sinter, limestone, dolomite, shale, margeli).

The scope of mineral powder:

- Part of asphalt concrete;
- Production of roofing materials;
- Mineral additive for animals feed production;
- Additives in concrete ;
- Deoxidation of soils;
- Production of dry building mixtures;
- Manufacture of glass.

Markets.

Since 2012, consumption of mineral powder in Russia has grown almost two times and reached 7 million tons per year. According to our marketing research the growth of powder consumption will continue and will reach 10-11 million tons per year by 2020.

Expansion of markets is secured by producing new types of materials with the demand on the domestic and European market. The logistics infrastructure allows shipment of products by road and rail.

Proximity to one of the most modern Russian ports (Ust-Luga) allows us to arrange shipment to Europe by sea, which increases our competitive advantages. The products have diversified markets, which ensures successful sales.



Time-line of the project.



The main three stages of the project are:

"PRE-ICO - ICO fundraising» - «Production» - "BuyBack"

Stage 1. ICO. May - July 2018.

The ICO realization on purchase the StoneToken option using the ETH, Bitcoin (BTC) and other crypto currencies. At the beginning, there will be "sale" of 10% of Tokens at the price less than 25% of the declared value of the asset. After that the price will be increased evenly. From the collected funds, the **Financial agent** will form an investment budget for the purchase of equipment and production.

Note: additional information will be placed in personal account of the investor on project website.



stonetoken.io

Stage 2. Production. October - November 2018. Launching the production line of mineral powder.

November 2018 – starting first sales and shipments of the products.

Stage 3. Buyback.

May 2019 – BuyBack of StoneToken options will start 8 months after ICO end's. BuyBack will be held monthly in the amount equivalent not less than 5% of the collected funds and the price will be not lower than 2,5 US dollars per Token. The monthly amount for repurchase will increase in proportion of production growth.

The main goal of crowd-investments in StoneToken commodity Option for investors is to purchase the Option with the potential profitability of at least 200% per annum.

Smart Contract Stages:

- 0 stage - up to 15.05.2018. Funds are not received, you can only reserve tokens for redemption. Token booking form will be available on the website and on project's social networks pages.
- Stage 1-from 16.05.2018 to 26.05.2018. Pre ICO - acceptance of funds, with the payment of additional (bonus) tokens-25% of paid amount. Including stage 0 Tokens. At the discretion of contract administrator, period of validity of Pre ICO may be increased or reduced. The forecast period may not be greater than the ICO period. Received funds are distributed in the ratio of:
75% - remain on the balance of the Smart Contract
25% - spent on advertising and PR campaigns.
- Stage 2-completion of Pre ICO (after sale of 725,200 tokens (10% of HardCap), either after 10 days or when administrator stops Pre ICO). Funds are not accepted.
- Stage 3-from 18.06.2018 to 18.07.2018. ICO - reception of funds. Including reserved for redemption during stage 0. Tokens are sold at face value. All funds received remain on the balance sheet of the Contract. Collection of funds is carried out no more than 50 days or until the sale of HardCap tokens. At the discretion of administrator, the duration of ICO can be shortened.
- Stage 4 - repayment of SoftCap. If, during the Pre ICO and ICO, at least 2.000.000 tokens have not been sold, each investor can return invested funds. You can check the refund amount at any time using **User balances** function. It is possible to return funds by calling the **Refund** function.
Refund can be initiated only by the wallet owner !!!
- Stage 5 - completion of fund raising. (after sale of 7.252.000 tokens, or expiration of 50 days after beginning of ICO, or if administrator stopped ICO). Funds are not accepted. At the same time (after stopping the fundraising):



- paid bounty - 148.000 tokens
- 20% of the collected funds are withdrawn for working capital and overhead expenses -*restricted wallet*
- 1% (total of collected funds and unsold tokens) are transferred for payment to developers
- 2.600.000 tokens are frozen for withdrawal for a period of 180 days.
- all unsold tokens for sale on the exchange
- collected funds are available for withdrawal only when specifying the Contract (for the purchase of equipment, special. equipment, installation and setup) and only for the amounts specified in this Contract.
- Stage 6-after 180 days after the end of ICO, 2,600,000 the *Project Team* tokens are opened for withdrawal.

After the end of ICO, collected funds will be withdrawn at the conclusion and publication of Contracts (for the purchase of equipment, special. equipment, installation and setup) on the website www.stonetoken.io. The funds will be withdrawn in the amount specified in this Contract. It is possible to check the expenditure of funds using the functions **Show money transfer**.



Smart Contract.

Attention!

Use only ERC20 enabled wallets!

Do not send funds from the exchanges wallets!

Each investor will receive a JSON INTERFACE to use the Smart Contract features.

The main conditions of a Smart Contract:

Token format-**ERC20**.

Token name -**STTN**

Token value - **1 USD**.

- MaxCap-total number of issued Tokens: 10.000.000 StoneToken.
- HardCap-number of Tokens for sale: 7.252.000 StoneToken.
- Project SoftCap: 2,000,000 StoneToken.
- Bounty program-2%: 148.000 Stone Token.
- Team tokens-26% of MaxCap: 2,600.000 StoneToken.
- ICO team reward-no more than 1% in proportion to unsold tokens and collected funds.

All collected funds (except turnover and overhead costs, advertising campaign costs and bonuses of ICO team) can be withdrawn ONLY under specific Contracts for the purchase of equipment, special equipment, installation and setup.

Each signed Contract is specified in the Smart Contract and is available for viewing by registered users.

Features of Smart Contract:

Erc20 standard functions:

- *Approve* - transfer tokens into management to another user
- *Decline Approval* - reducing the number of Tokens managed by another user
- *Increase Approval* - increase the number of Tokens managed by another user
- *Transfer*-Token transfer
- *Allowance* - number of Tokens managed by another user
- *Balance of*-Token balance



Specific functions of Smart Contract:

- *To Reserved - Token reserve by subscription
- *From Other Currencies - sale of tokens for a currency that is different from ETH
- *Change Owner - change the Administrator of Smart Contract
- Finish ICO-end of ICO
- *Money Transfer for Task Solutions - withdrawals under the Contracts of equipment supplies
- Set Currency - set the Token rate
- *Open Closed Tokens - the withdrawal of the Project Team Tokens
- Refund-refund if SoftCap is not set
- Total supply- project MaxCap
- User balances-funds of a particular buyer in case of SoftCap refund
- Rate - Token to Ethereum rate
- Wait tokens - Token of Project Team
- Is reserved - check Token reserve by subscription
- Consumption profile - number of transactions withdrawal of funds
- Show money transfer - overview of transactions (by serial number)
- Bonus preico-discount (in %) at Pre ICO
- Bonus tokens-ICO team reward in Tokens
- Bonus money-ICO team reward in money
- Exchange tokens-unsold Tokens
- Currency - exchange rate dollar/ Ethereum
- Period-the period of ICO (in days)
- Pay token- number of Tokens sold.

Document authentication features:

- AgreementUrlRu - URL of White Paper in the Russian language
- AgreementHashRu - the md5 hash of the file White Paper in Russian language
- AgreementUrlEn - URL address of White Paper in English
- AgreementHashEn - the md5 hash of the file White Paper in English

* The function is only available to the contract administrator

Accepting funds in a currency other than Ethereum:

- purseExchange-Wallet for accepting funds in another currency



TOKEN.

Project Token - StoneToken is created on the Ethereum platform standard ERC20.

Token symbol - **STTN**.

StoneToken is an Asset-backed token, which is a digital double of a real (physical) asset.

A Token purchase is possible for : Ethereum, Bitcoin, Waves, Litecoin, Zcash, Bitcoin Cash.

To buy Token for such currencies as Bitcoin, Waves, Litecoin, Cash, Bitcoin Cash you need to first fill out this [FORM](#), and then transfer funds to this wallet:

3PGepQjcdKkpxXsaPTiw2LGCavMDABsuuwc

You need a ERC20 wallet to get your Tokens

Information about wallets to transfer funds, you will find in your personal account or in the FAQ section.

Attention!

Use only ERC20 enabled wallets!

Do not send funds from the exchanges wallets!



Project team.

Murylev Nicholay.

Co-Founder of the "PervayaGoK" Company.

Kalnin Alexander.

General Director of the "PervayaGoK" Company.

Protcenko Kirill - ICO.

Kupryashkin Alexander.

Germes System Pte Ltd. Escrow.

Kartashova Olga - Germes System Pte Ltd. Escrow.



Conclusion.

The project initiator has no right to make changes to White Paper since the launch of Pre - ICO and ICO, which is guaranteed by specifying **MD5 hash-code** of the WhitePaper file (in PDF format) directly in the contract code.

You can use these services to verify your code:

http://emn178.github.io/online-tools/md5_checksum.html

<https://md5file.com/calculator>

By purchasing the StoneToken Token, the investor agrees that the Token is not a share or a security.

By purchasing the StoneToken Token, the investor confirms that he is not a citizen of the United States or any other country in which the purchase and/or sale of cryptocurrencies is prohibited and / or restricted.

By purchasing the StoneToken Token, the investor confirms the execution of the laws of his jurisdiction.

The investor assumes the risks associated with project implementation, namely: theft of funds from the project's wallets, Force Majeure, natural disasters, changes in legislation, etc.

This White Paper is for informational purposes only.

All disputes will be considered in the Arbitration Court of Moscow, Russian Federation.

